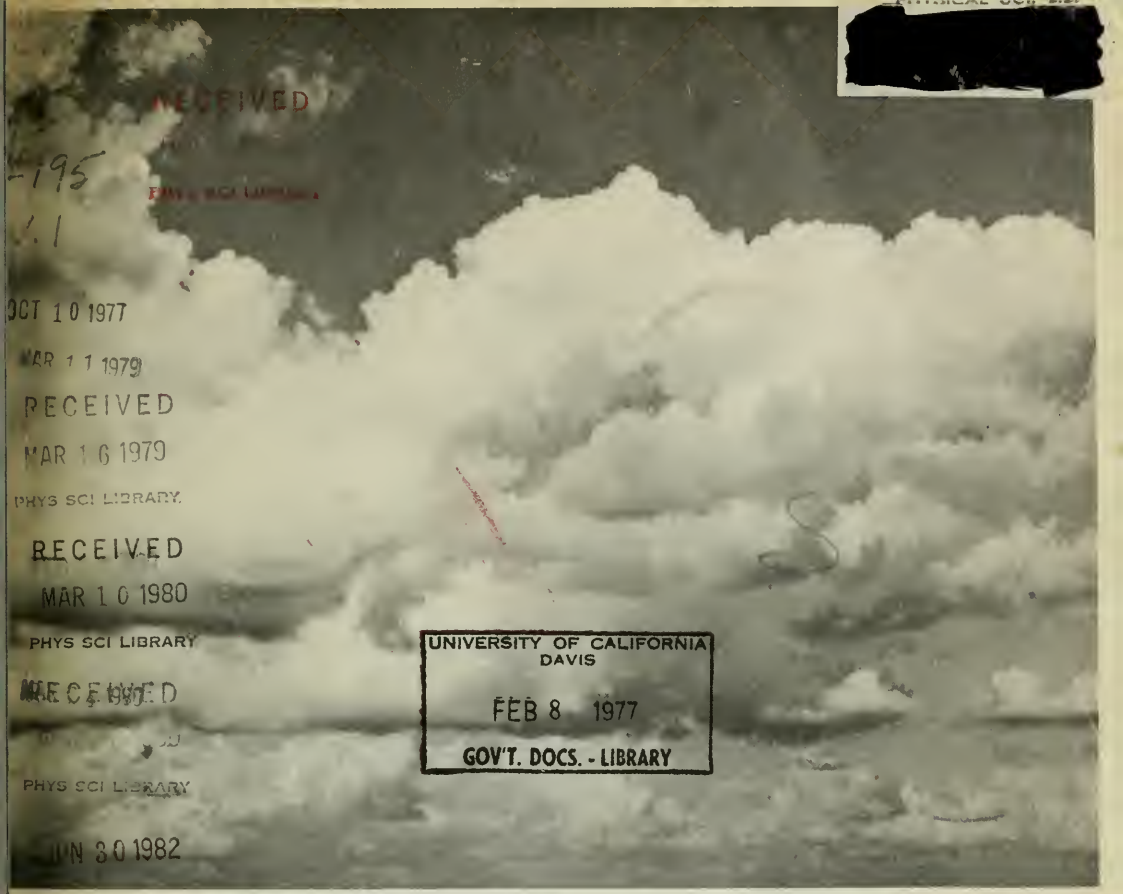

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letin No. 195
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16. Abstract

This report is an analysis of depth-duration-frequency of precipitation in California and contains the annual series extreme values from about 30 rain gage networks in California. A statistical analysis of each record is available, giving 12 return periods ranging from 2 to 10,000 years and durations of 5 minutes to 60 days, including annual total precipitation. Methods of interstation interpolation are given. Hourly precipitation records of the National Weather Service were reevaluated to develop 5-, 10-, 15-, and 30-minute extreme data.

This volume reports precipitation, depth-duration-frequency data and analysis from 600 recording rain gages with durations ranging from 5 minutes to 24 hours.

The data contained in this report are intended for use in runoff computation using procedures such as the rational method or the unit hydrograph method.

A cooperative computer data bank has been developed to store data on rainfall extremes and to periodically analyze data, as well as to maintain a continuous file for future use by cooperators.

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Department of
Water Resources

Bulletin No. 195

Rainfall Analysis for Drainage Design

Volume I.
Short-Duration Precipitation Frequency Data

October 1976

Claire T. Dedrick
Secretary for Resources

The Resources Agency

Edmund G. Brown Jr.
Governor

State of California

Ronald B. Robie
Director

Department of Water Resources

OTHER VOLUMES OF BULLETIN NO. 195
(Bound separately)

Volume II. Long-Duration Precipitation Data

Volume III. Intensity-Duration-Frequency Curves

Disclaimer Statement

The contents of this report reflect the views of the CALIFORNIA DEPARTMENT OF WATER RESOURCES, which is responsible for the facts and the accuracy of the data presented herein. The contents do not necessarily reflect the official views or policies of the CALIFORNIA DEPARTMENT OF TRANSPORTATION or the FEDERAL HIGHWAY ADMINISTRATION. This report does not constitute a standard, specification, or regulation.

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FOREWORD

Most civil engineering works must be evaluated with regard to the flood hazards they must withstand. The depth, duration, and frequency of rainfall are among the design determinants needed to establish the correct size of culverts, spillways, and other hydraulic structures.

This report, presented in three volumes, is an update of earlier data compilations on this subject prepared by the Department of Water Resources. It presents a comprehensive collection of data on precipitation frequency in California. Its chief value lies in the listing of extreme annual rainfall for storm durations ranging from five minutes to 24 hours. These data were derived from observations of about 600 recording rain gages situated throughout the State. A statistical analysis of the record of each gage is included, along with a procedure for interpolating design rainfall between rain gages.

Data can be analyzed by many different procedures. The analysis presented here is only one of a large number of interpretations that could be made of extreme annual data. In the long run, the engineer who uses these data is responsible for fitting the information to his/her particular needs. The data are expected to be of considerable value to flood control officials, highway designers, and others involved in consideration of drainage problems.

Ronald B. Robie

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Kern County Water Agency
Los Angeles County Flood Control District
Marin County, Department of Public Works
Marin Municipal Water District
Monterey County Flood Control and Water Conservation District
Orange County Environmental Management Agency
Pacific Gas and Electric Company
Riverside County Flood Control and Water Conservation District
Sacramento County, Department of Public Works
Sacramento Municipal Utility District
San Bernardino County Flood Control District
San Diego County, Department of Sanitation and Flood Control
San Francisco, City of, Sanitary Engineering Department
San Luis Obispo County, Engineering Department
San Mateo County, Department of Public Works
Santa Barbara County Flood Control and Water Conservation District
Santa Clara Valley Water Conservation District
Santa Cruz County, Departments of Public Works and Health
Shasta County, Department of Water Resources
Southern California Edison Company
University of California
University of Nevada, Desert Research Institute
U. S. Army, Corps of Engineers
U. S. Army, Hunter-Leggett Meteorological Team
U. S. Bureau of Reclamation
U. S. Forest Service
U. S. Geological Survey
U. S. Marine Corps, Camp Pendleton
U. S. National Weather Service
Ventura County Flood Control District
and many private individuals

CONTENTS

FOREWORD iii
ORGANIZATION iv
ACKNOWLEDGMENTS v

INTRODUCTION 1

Rainfall Extremes in California 1
Uses of the Data 3
Data Banks 6

RECORDING RAIN GAGES 9

Weighing Gages 9
Fischer-Porter Gages 9
Tipping Bucket Gages 11
Limitations of Recording Rain Gages 11

ANALYSIS OF THE DATA 13

Basic Statistics 13
Regional Coefficients 15
Frequency Distributions 16
Fixed-Interval Corrections 16
Partial Duration Series and Annual Series 20
Depth-Duration-Frequency Tables 21
Safety Factors in Hydrology 23

INTERSTATION INTERPOLATION 27

Coefficient of Variation 28
Slope of Intensity-Duration-Frequency Curves for California 28

RESEARCH IMPLEMENTATION 31

REFERENCES 33

KEY TO STATION DESCRIPTIONS 36

TABLES OF SHORT-DURATION PRECIPITATION FREQUENCY 83

Figures

1 Depth-Duration Relation of California's Greatest Observed Rainfalls 2
2 Percent of Peak Floods Occurring in July, August, or September 3

Figures (Continued)

3 Similarity in Short-Duration Storms and Yearly Total Rainfall at Colby's 4
4 Variation in Extreme Precipitation Statistics With Storm Duration 17
5 Regions of Uniform Coefficient of Skew 18
6 Regions of Uniform Coefficient of Variation 18
7 Skew-Kurtosis Relationship with Criteria for Three Frequency Distributions 19
8 Relationship of Permissible Level of Risk and Return Period 24
9 Intensity-Duration-Frequency Relationship of Precipitation at Eureka 29

Table

1 Frequency Factors for Pearson's Type III Distribution . . . 14

Plates

1 Major Drainage Provinces and Hydrographic Units 38
2 Location of Recording Rain Gages 39-46
3 Mean Annual Precipitation 47
4 Mean One-Hour Storm 49
5 Coefficient of Variation of Maximum Annual 24-Hour Precipitation 50
6 Slope of Precipitation Intensity-Duration-Frequency Curve 51
7 10-Year, One-Hour Storm 52
8 25-Year, One-Hour Storm 53
9 50-Year, One-Hour Storm 54
10 100-Year, One-Hour Storm 55
11 1,000-Year, One-Hour Storm 56
12 Probable Maximum Precipitation, One-Hour Storm 57

Indexes

1 Hourly Rain Gage Stations by Alphabetic Order 59
2 Hourly Rain Gage Stations by Drainage Areas 66

INTRODUCTION

Bulletin No. 195 comprises three separately bound volumes that complement one another but are also useful as independent documents. Volume I contains short-duration precipitation data. Volume II contains long-duration precipitation data. Volume III contains intensity-duration-frequency curves.

Volume I. The data are arranged by county and by drainage areas within each county. The drainage areas are the major drainage provinces and hydrologic units shown on Plate 1. Two indexes list recording rain gage stations and the pages on which they appear. Index 1 is an alphabetic list of all gages appearing in Volume I. Index 2 lists these stations by drainage province and hydrographic unit. Specific storm durations reported in Volume I are 5, 10, 15, and 30 minutes; 1, 2, 3, 6, 12, and 24 hours; and total annual precipitation. Specific return periods in Volume I are 2, 5, 10, 20, 25, 40, 50, 100, 200, 1,000, and 10,000 years, and probable maximum precipitation.

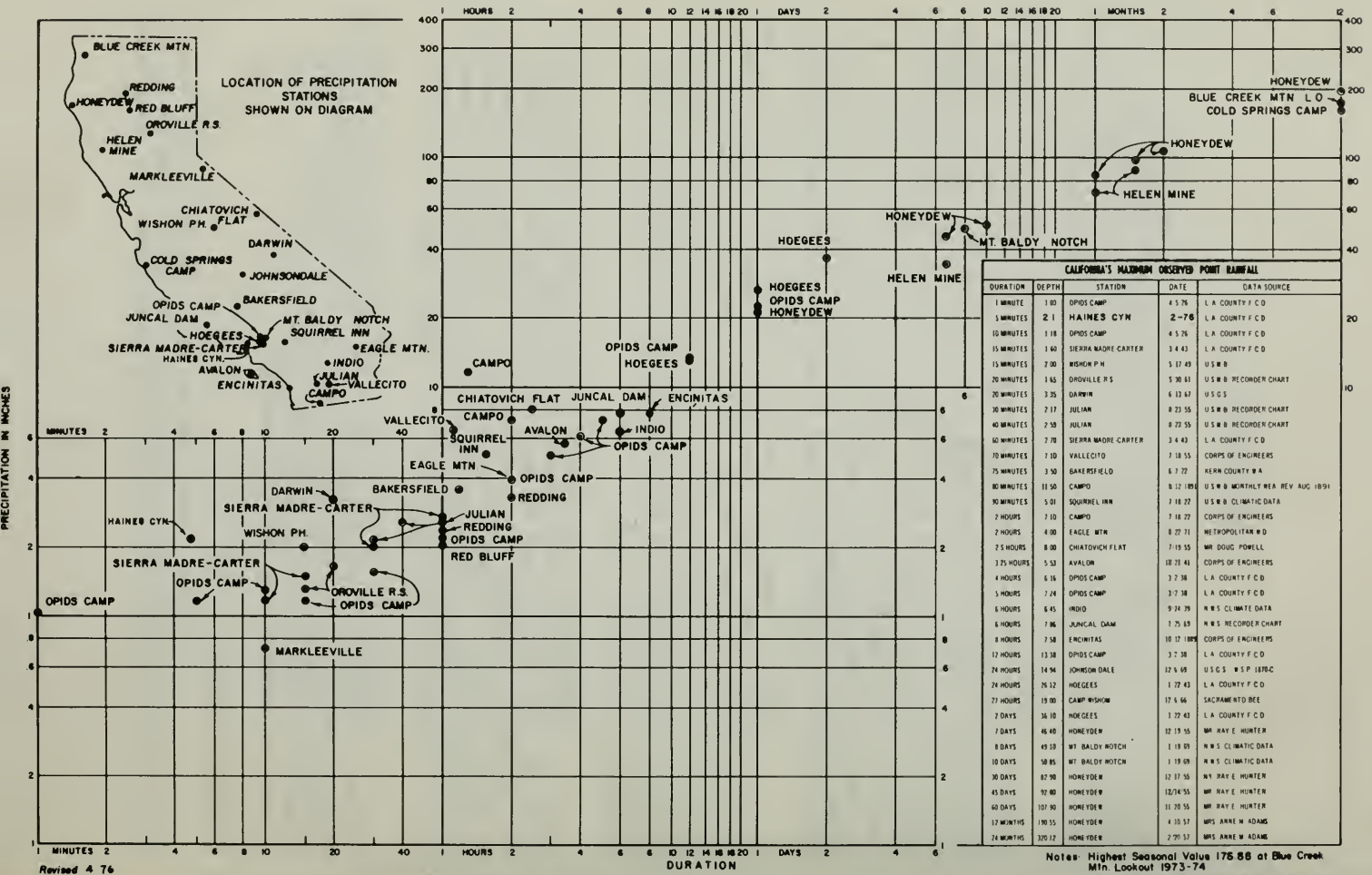
Plate 2 shows the location of each recording rain gage. Plate 3 depicts mean annual precipitation (MAP). Plate 4 shows the mean annual one-hour storm. Plate 5 shows the regional coefficient of variation. Plate 6 shows the generalized slope of intensity-duration-frequency (IDF) curves. Plates 7 through 12 show the percentage of MAP for one-hour storms with return periods of 10, 25, 50, 100 and 1,000 years, and the probable maximum precipitation (PMP).

Volume II. This volume contains tabulations of daily rainfall depth-duration-frequency for periods of 1, 2, 3, 4, 5, 6, 8, 10, 15, 20, 30, and 60 days, and of total annual precipitation for all California stations for which 20 or more years of daily rainfall records were analyzed. The tables are arranged by drainage area. These records are those from which regional skewness and regional coefficients of variation were derived. (These factors are discussed later in this volume.)

Volume III. This volume contains intensity-duration-frequency curves for stations with data for precipitation periods of 5 minutes to 24 hours. These stations are listed alphabetically by county and by drainage area within each county. This volume is intended for use with the rational formula ($Q = CiA$) to compute runoff from small watersheds.

Rainfall Extremes in California

California's climate varies from the relatively humid North Coastal Hydrographic Area to the arid Salton Sea Basin, which includes the driest region on the North American continent.



CALIFORNIA'S MAXIMUM OBSERVED POINT RAINFALL				
DURATION	DEPTH	STATION	DATE	DATA SOURCE
1 MINUTE	1.00	OPIDS CAMP	4 5 76	L A COUNTY F C D
5 MINUTES	2.1	HAINES CYN	2-76	L A COUNTY F C D
10 MINUTES	1.18	OPIDS CAMP	4 5 76	L A COUNTY F C D
15 MINUTES	1.60	SIERRA MADRE CARTER	3 4 43	L A COUNTY F C D
15 MINUTES	2.00	WISHON P H	5 17 49	U S W B
20 MINUTES	1.65	OROVILLE R S	5 30 61	U S W B RECORDER CHART
20 MINUTES	3.35	DARWIN	6 13 67	U S G S
30 MINUTES	2.17	JULIAN	8 23 55	U S W B RECORDER CHART
40 MINUTES	2.59	JULIAN	8 23 55	U S W B RECORDER CHART
60 MINUTES	2.78	SIERRA MADRE CARTER	3 4 43	L A COUNTY F C D
70 MINUTES	3.10	VALLECITO	7 18 55	CORPS OF ENGINEERS
75 MINUTES	3.50	BAKERSFIELD	6 7 22	KERN COUNTY W A
80 MINUTES	11.50	CAMPO	8 12 1891	U S W B MONTHLY WEA REV AUG 1891
90 MINUTES	5.01	SQUIRREL INN	7 18 22	U S W B CLIMATIC DATA
2 HOURS	7.10	CAMPO	7 18 22	CORPS OF ENGINEERS
2 HOURS	4.00	EAGLE MTN	8 27 71	METROPOLITAN W D
2.5 HOURS	8.00	CHIATOVICH FLAT	7 19 55	MR DOUG POWELL
3.25 HOURS	5.53	AVALON	10 21 41	CORPS OF ENGINEERS
4 HOURS	6.16	OPIDS CAMP	3 7 38	L A COUNTY F C D
5 HOURS	7.24	OPIDS CAMP	3 7 38	L A COUNTY F C D
6 HOURS	6.45	INDIO	9 24 39	N W S CLIMATE DATA
6 HOURS	7.86	JUNCAL DAM	3 25 69	N W S RECORDER CHART
8 HOURS	7.58	ENCINITAS	10 12 1889	CORPS OF ENGINEERS
12 HOURS	13.38	OPIDS CAMP	3 7 38	L A COUNTY F C D
24 HOURS	14.94	JOHNSON DALE	12 6 69	U S G S W S P 1878-C
24 HOURS	25.12	HOEGEES	1 22 43	L A COUNTY F C D
27 HOURS	19.00	CAMP WISHON	12 6 66	SACRAMENTO BEE
2 DAYS	36.10	HOEGEES	1 22 43	L A COUNTY F C D
7 DAYS	46.48	HONEYDEW	12 19 55	MR RAY E HUNTER
8 DAYS	49.10	MT BALDY NOTCH	1 19 69	N W S CLIMATIC DATA
10 DAYS	50.85	MT BALDY NOTCH	1 19 69	N W S CLIMATIC DATA
30 DAYS	82.90	HONEYDEW	12 17 55	MR RAY E HUNTER
45 DAYS	92.60	HONEYDEW	12/14/55	MR RAY E HUNTER
60 DAYS	107.90	HONEYDEW	11 20 55	MR RAY E HUNTER
12 MONTHS	190.55	HONEYDEW	4 10 57	MRS ANNE M ADAMS
24 MONTHS	320.12	HONEYDEW	2 20 57	MRS ANNE M ADAMS

Notes: Highest Seasonal Value 175.86 at Blue Creek Mtn. Lookout 1973-74

Highest 24 Hour in Central Valley 14.94" at Johnsondale 12-6-69

Figure 1. DEPTH-DURATION RELATION OF CALIFORNIA'S GREATEST OBSERVED RAINFALLS

Rainfall along the north coast of the State averages over 3,302 millimetres (130 inches) a year at many locations, while mean annual rainfall at Glamas, east of the Salton Sea, is less than 25 millimetres (one inch) a year. Rainfall extremes at other locations in California are also notable. The highest seasonal rainfall of record occurred in 1973-74, when 4,493 millimetres (176.88 inches) fell at Blue Creek Mountain in the North Coastal Area. In contrast, no rain fell for 767 consecutive days at Bagdad in the south eastern desert area from October 1912 to November 1914.[1]

The State's heaviest observed rainfall for one minute occurred in 1926 when 26 millimetres (1.03 inches) fell at Opids Camp in the San Gabriel Mountains. The heaviest one-day rainfall occurred in the same area in 1943, when 663 millimetres (26.12 inches) fell at Hoegees. The greatest 30-day rainfall occurred at Honeydew in the North Coastal Area in 1955, when 2,106 millimetres (82.90 inches) fell. The depth-duration relationship of California's greatest rains is shown on Figure 1.

Most of California's rain is carried into the State by frontal storms that occur sporadically through the fall, winter, and spring. However, the desert zone in southeastern California receives its most intense rainfall from summer thunderstorms. More than 50 percent of these storms occur in July, August, or September (Figure 2). Summer storms carry large amounts of moisture derived from the extremely warm air mass from the Gulf of California, which in the summer is capable of holding large quantities of water.[2]

Figure 2.
PERCENT OF PEAK FLOODS OCCURRING IN JULY, AUGUST, OR SEPTEMBER

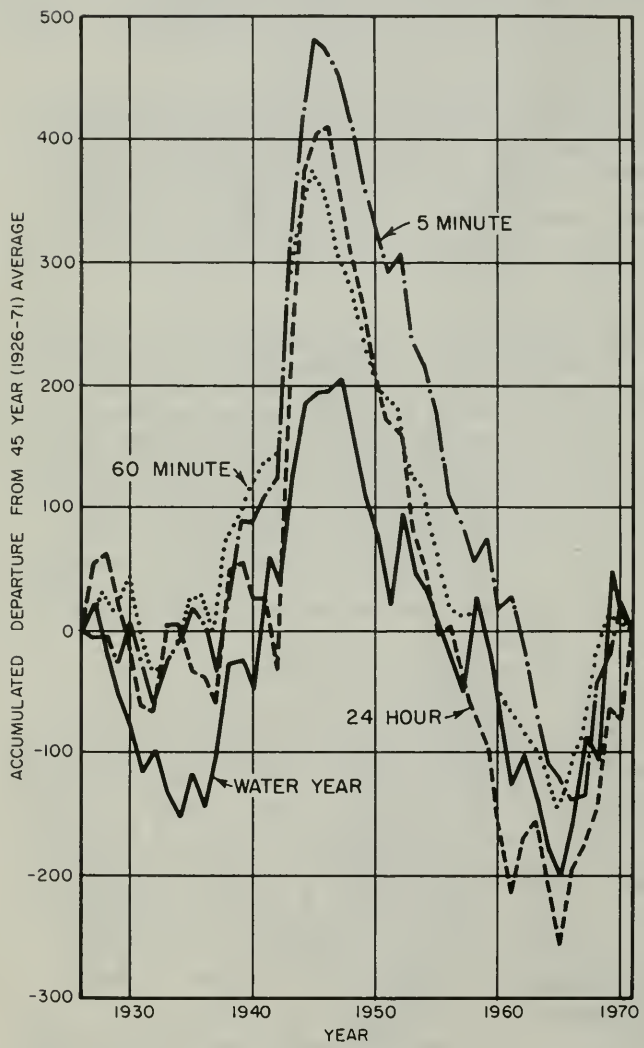
U.S.G.S. DATA 1971

Uses of the Data

Short-duration rainfall is a basic factor in determining the most appropriate size of drainage facilities. Many earlier reports on design rainfall have not developed sufficient data on the specific durations needed or summarized all the available records.[3,4] This report includes nearly all available records of precipitation for storms lasting less than one day recorded by gages

[1] Numbers inserted throughout the text refer to the list of references beginning on page 33.

Figure 3.
SIMILARITY IN SHORT-DURATION STORMS
AND YEARLY TOTAL RAINFALL AT COLBY'S



NOTES:

COLBY'S IS LOCATED IN
LOS ANGELES COUNTY
AT ELEVATION 3675 FT
LONGITUDE 118.11°W
LATITUDE 34.30°N

AVERAGE ANNUAL TOTAL
PRECIPITATION 26.23"

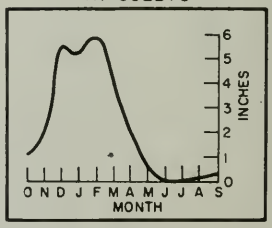
AVERAGE ANNUAL MAXIMUM
24-HR PRECIPITATION 5.50"

AVERAGE ANNUAL MAXIMUM
60-MIN PRECIPITATION .77"

AVERAGE ANNUAL MAXIMUM
5-MIN PRECIPITATION .17"

3,675 feet = 1 120 metres
1.0 inch = 25.4 millimetres

AVERAGE MONTHLY
PRECIPITATION
AT COLBY'S



having five or more years of record.* The information is intended for design engineers who need to determine the correct size of drainage structures. As an example, dam designers can use it to determine the hydraulic safety of dam spillways. The fact that 70 percent of the 1,200 dams in California under the jurisdiction of the Department of Water Resources are situated in areas characterized by watersheds with concentration times of one hour or less stresses the need for data on the frequency of short-duration precipitation.

The mean annual precipitation is used as an indicator of short-duration precipitation. There is a considerable variation in the relationship between short-duration rainfall and the yearly total rainfall for individual years. However, the overall trend lines are similar for the extreme annual 5-minute, 60-minute, and 24-hour rainfall and the total rainfall for the water year. The similarity in short-duration rainfall events and the concurrent year's total rainfall, shown on Figure 3 for Colby's in Los Angeles County, suggests that the use of mean annual precipitation as a basis for estimating short-duration rainfall elsewhere in California is also reasonable.

This assumption was tested in northern California as well. The correlation coefficient for the linear regression between calculated rainfall depths for various durations and return periods and mean annual precipitation is shown on the tabulation for stations in Contra Costa County on the following page. These positive correlation coefficients demonstrate that there is a strong correlation between design storms computed by the procedures used here and the mean annual precipitation for the range of durations and return periods used in this study.

The usefulness of time-related data, such as this study presents, is limited by the length of the observation interval. The record from a rain gage read only once a year, for instance, cannot tell the observer how much rain fell in any one month or week, nor can a monthly observation provide rainfall data by the day, hour, or minute. Devices that record rainfall for the shorter periods of time are important for accurate rainfall data analysis.

One of the drawbacks of a study of this type is that data storage capacity limits the total information which can be collected and analyzed economically. Restricting the data to an

---

* Recording rain gage networks that do not appear in this report were the Lake Tahoe gages of the University of Nevada's Desert Research Institute and about half the gages of the Pacific Gas and Electric Company's Lake Almanor weather modification project and numerous gages operated by the Joint Federal-State Flood Operations Center for flood forecasting, as well as numerous gages of the Los Angeles County Flood Control District.

Return Period (years)	Duration											
	5M	10M	15M	30M	1H	2H	3H	6H	12H	1D	1Mo	Yea
5	.70	.68	.68	.76	.89	.86	.89	.88	.88	.88	.98	1.0
10	.65	.64	.64	.74	.76	.82	.86	.86	.85	.83	.98	.9
25	.60	.61	.60	.71	.73	.79	.83	.84	.82	.79	.98	.9
50	.59	.59	.58	.70	.71	.77	.81	.83	.81	.76	.97	.9
100	.54	.57	.56	.68	.70	.75	.80	.82	.80	.75	.97	.9
200	.52	,56	.54	.67	.69	.74	.79	.81	.79	.73	.97	.9
1,000	.49	.54	.52	.66	.67	.72	.77	.80	.78	.70	.97	.97
PMP	.38	.47	.45	.60	.62	.65	.70	.76	.73	.67	.96	.95

annual series of extremes, as has been done in this study, has simplified the maintenance of the data file. Only the greatest depth of rain for each year for the specific durations under study contributes to the depth-duration-frequency tables in this report. (Precipitation data in this report include rainfall and snowfall but not dew or frost. Sometimes "rainfall" is used when the meaning includes "rain and snow".)

Data Banks

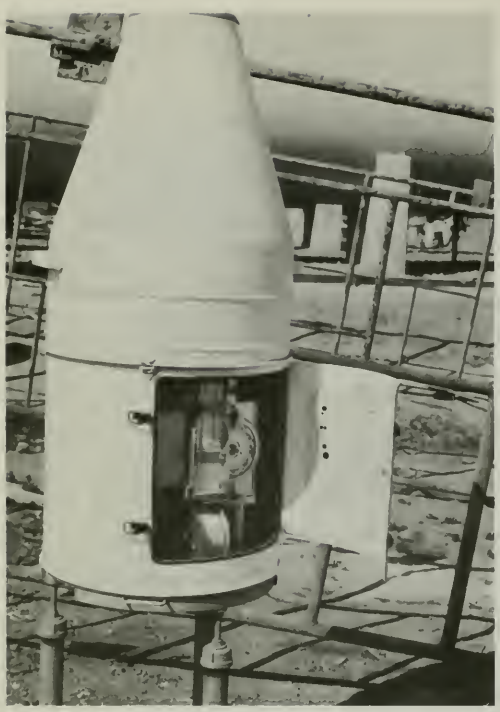
A permanent data bank containing the data appearing in this report has been established in the Stephen P. Teale Consolidated Data Center. Short-duration data, reported in this volume and in Volume III, are filed on a nine-channel magnetic tape as "RAIN". Maintenance is by an "Edit Update" program supported by the California Department of Transportation (Caltrans) and developed in the Office of Computer Systems of that agency. Roy Chalmers, Headquarters Hydraulics Engineer, Division of Project Development, is Caltrans' representative for individuals who need more specific information on the system.

Another permanent data bank containing long-duration data (for 1 to 60 days), reported in Bulletin No. 195 as Volume II is filed in the Computer Systems Office of the Department of Water Resources on a seven-channel magnetic tape. The procedure for editing and manufacturing the daily rainfall frequency data file is Computer Process 842. Data are retrieved and analyzed by Computer Process 843, either by watershed or by county.

These data banks could easily hold the records for all 6,000 rain gages in California with a minimum of cost for data storage and analysis. They will accommodate a variable format for storms of any specified duration. The standard durations used here are recommended for those data sets from which extreme annual storms of other durations have not already been extracted.

The data banks are a truly cooperative enterprise between the Department of Water Resources and the agencies listed under "Acknowledgments", which have contributed the data reported in Bulletin No. 195. The information filed in these banks is available to all cooperators in this study.

It is essential that the work done in this study be updated periodically to surmount the limitations of previous studies, as well as to offset the data deficiencies in this report caused by the brevity of some records. The most important of these earlier publications is Technical Paper No. 40[3] published in 1961 by the U. S. Weather Bureau. This report summarized data for storm durations of 1 hour to 24 hours and return periods up to 100 years. The work has been widely used in California, even though its usefulness has been lessened because it depicts rain frequency for the State on a map drawn to a scale of 1:10,000,000. The basic data in the report are worthwhile, however, and they have accordingly been incorporated into the present study. In 1973, the National Weather Service developed a new rain frequency atlas for California[4] that overcame the previous lack of graphic detail with maps drawn to a scale of 1:1,000,000. This atlas provided data for 6-hour and 24-hour storm durations and return periods up to 100 years. Other related reports are listed as "Additional References".



TYPICAL RECORDING RAIN GAGE INSTALLATIONS

Upper left, a Fischer-Porter punched paper tape gage.

Above, a tipping bucket gage.

Left, a Universal weighing gage.

RECORDING RAIN GAGES

Data from three types of recording rain gages have been used in this report: weighing gages, Fischer-Porter punched tape gages, and tipping bucket gages.

Weighing Gages

Weighing gages, which were installed in great numbers in California in the early 1940s, record inches of rainfall on a chart fixed to a rotating drum. Most of the charts record as much as 304.8 millimetres (12 inches) of rain. The recording pen logs up to 152.4 millimetres (6 inches) and then reverses to log another 152.4 millimetres. On some, the vertical scale is increased so that 63.5 millimetres (2.5 inches) on the chart represents one inch of rain.

Speeds at which the drums revolve vary considerably. Most of them record a 24-hour period in one complete revolution, with one hour shown as 12.2 millimetres (0.48 inches) and one day as 294.6 millimetres (11.6 inches) (horizontal). Some charts record four- or seven-day periods in one revolution. The briefer the period of time that a gage chart records in one revolution, the more accurately the record of short-duration extremes of precipitation can be obtained. The time resolution of a daily chart exceeds that of a four-day chart, for example. For intervals up to ten minutes,[5] maximum rainfall intensities obtained from weighing gages with a six-hour rotation of the drum (49.77 millimetres per hour) (1.92 inches per hour) were found to be significantly greater than those obtained from gages with a 24-hour rotation.

For this study, data for durations as short as five-minutes were extracted from daily charts; 15-minute values, from four-day charts; and 30-minute values, from weekly charts.

Fischer-Porter Gages

Fischer-Porter punched tape recording rain gages first came into wide use in the late 1960s. These gages generally record rainfall in tenths of inches, with 15-minute rainfall totals. They function quite well where telemetry is important, But the one-tenth depth and 15-minute intervals are not adequate for the needs of drainage climatology on small watersheds. In this report, the extreme values obtained from these gages are reported to hundredths of an inch to bring their records into conformity with the computer analysis of the weighing gage records. Records from Fischer-Porter gages are indicated by the zero that always appears in the hundredths column in the maximum annual precipitation tables in this volume.

A recording rain gage overcapped by snow at South Lake elevation 2 920 metres (9,580 feet), on January 31, 1969.
Photo by Bill Fong

Tipping Bucket Gages

Tipping bucket rain gages are coming into wide use because these instruments can be equipped with long-term event recorders that operate unattended for months and lend themselves readily to telemetry. California's oldest recording rain gage records are from tipping bucket gages. The main Weather Service offices in California were equipped with tipping bucket gages in the early 1900s, but this type gage has been coming into wide use only in recent years.

Limitations of Recording Rain Gages

Those applying the data contained in this report are cautioned about the inherent and unavoidable shortcomings of records taken from recording rain gages. Rodda[6] states: "Rain gages, as usually installed, regularly underregister the quantity of rain..." "...all rainfall... measurements are necessarily relative and they are at best precise rather than accurate." Studies by the Illinois State Water Survey[7] indicated that the Weather Bureau's recording gages catch 2.5 to 6 percent less rain than their nonrecording gages.

Precipitation gages generally undermeasure because of instrumentation limitations and aerodynamic problems.(Jones[7] and Renard and Osborn[5]); therefore, the extreme rainfall data from recording rain gage charts is generally underestimated. Underestimation of rainfall is caused by poor time resolution and errors in selecting the largest storm, as well as the poor aerodynamic characteristics of rain gages.

Gages placed at sites that receive heavy snowfall are occasionally covered with a cap of snow that prevents them from functioning. Snow also greatly reduces estimates of precipitation intensity by adhering to the sides of weighing gages, thus delaying the operation of the weighing mechanism until the snow melts. The loss of record caused by snow is overcome when heating devices are attached to gages located in snowy regions.

Wind is another problem because it also causes gages to underregister. The aerodynamics of wind on falling rain and the interception of wind-driven rain by rain gages have been under study for many years. Koschmieder[8] reports that wind blowing at the rate of 24 miles per hour on an unprotected gage reduces by half the catch of a ground level gage.

Snow and wind are frequently responsible for interruptions in rainfall records. About 10 percent of the recording rain gages reported by the National Weather Service[9] show loss of record in midwinter, whereas only two percent show a midsummer loss. Furthermore, the gage observer may often be unaware of the loss of record from interference by wind or snow.

It has not been possible in this study to adjust the data for overcapping by snow and wind. Therefore, the user of these data should probably select a longer return period as a safety factor. In this study, rain gage catch has been assumed to be actual rainfall.

Tipping bucket rain gage with top removed to show tipping bucket and recorder. These gages are frequently equipped with heaters for use in mountainous areas where there are heavy snowfalls.

ANALYSIS OF THE DATA

Basic Statistics

A few of the equations of statistics are basic to this study, and it is useful to state them here. The equations of mean ($\overline{M}$), standard deviation (S), coefficient of skew (g), coefficient of kurtosis (k), and coefficient of variation (CV) are shown here.

$$\overline{X} = \frac{\Sigma X}{N}$$

$$S^2 = \frac{\Sigma (x)^2}{N-1}$$

$$g = \frac{N\Sigma (x)^3}{(N-1)(N-2)S^3}$$

$$k = \frac{N^2\Sigma (x)^4}{(N-1)(N-2)(N-3)S^4}$$

$$CV = \frac{S}{\overline{X}}$$

Where X = the magnitude of an event
$x = X-\overline{X}$
N = the number of events

The mean expresses the central tendency of the data set. The standard deviation measures the deviation from the mean. The skew shows the lack of symmetry, or lopsidedness, that occurs in a rainfall data set due to bounding by a lower limit at one end and by virtually no upper rainfall limit at the other. Kurtosis is used here to test for appropriateness of various frequency distributions. The coefficient of variation measures the variation of the data set.

A number of probability distributions have been found to be adequate for hydrologic frequency analysis; these include the normal, exponential, Gumbel, log-normal, log Pearson's Type III, Pearson's Type III (Gamma), and Weibull distributions.[10] For each distribution, there exists a unique relationship between the coefficients of skewness and kurtosis. The Pearson's Type III distribution was found to be the best model for precipitation frequencies for storm durations of 5 minutes to 30 days based on the skew-kurtosis criteria shown on Figure 7, and the Weibull distribution was found to be better for 60-day durations and annual total precipitation, as well as for extreme annual runoff data.

TABLE 1

FREQUENCY FACTORS FOR PEARSON'S TYPE III DISTRIBUTION

Return Period in Years	Coefficient of Skew																
	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
2	-.07	-.08	-.10	-.12	-.13	-.15	-.16	-.18	-.20	-.21	-.23	-.24	-.25	-.27	-.28	-.29	-.31
5	.82	.81	.80	.79	.78	.77	.76	.75	.73	.72	.71	.69	.68	.66	.64	.63	.61
10	1.32	1.32	1.33	1.33	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.33	1.33	1.32	1.32	1.31	1.30
20	1.75	1.77	1.80	1.82	1.84	1.86	1.88	1.89	1.91	1.92	1.94	1.95	1.96	1.97	1.98	1.99	2.00
25	1.88	1.91	1.94	1.97	1.99	2.02	2.04	2.06	2.09	2.11	2.13	2.15	2.16	2.18	2.19	2.21	2.22
40	2.14	2.19	2.22	2.27	2.31	2.35	2.38	2.42	2.45	2.49	2.52	2.55	2.58	2.61	2.64	2.66	2.69
50	2.26	2.31	2.36	2.41	2.45	2.50	2.54	2.58	2.63	2.67	2.71	2.74	2.78	2.81	2.85	2.88	2.91
100	2.62	2.69	2.76	2.82	2.89	2.96	3.02	3.09	3.15	3.21	3.27	3.33	3.39	3.44	3.50	3.55	3.61
200	2.95	3.04	3.13	3.22	3.31	3.40	3.49	3.58	3.66	3.75	3.83	3.91	3.99	4.07	4.15	4.22	4.30
1,000	3.67	3.81	3.96	4.10	4.24	4.39	4.53	4.67	4.81	4.96	5.10	5.23	5.37	5.51	5.64	5.77	5.91
2,000	3.96	4.12	4.29	4.46	4.63	4.80	4.97	5.13	5.30	5.47	5.63	5.80	5.96	6.12	6.28	6.44	6.60
10,000	4.60	4.82	5.05	5.27	5.50	5.72	5.96	6.18	6.41	6.64	6.87	7.09	7.32	7.54	7.77	8.00	8.21

The precipitation depth-duration-frequency tables in Volumes I and II were prepared with the use of the Department's Computer Program No. 3024. This program uses the general equation for hydrologic frequency analysis from Chow's *Handbook of Applied Hydrology:*[11]

$$P_{ji} = \overline{P}_i + K_j S_i$$

where j refers to return period in years

i refers to specific storm duration in minutes, hours, or days

P_{ji} = precipitation in inches for return period j and duration i

$\overline{P}_i$ = mean maximum annual storm for duration i

K_j = frequency factor (in standard deviations) for return period of j years (see Table 1)

S_i = standard deviation of maximum annual storm for duration i

The frequency factor (K) used here is from the Pearson's Type III distribution[12] and is related to the return period, as shown on Table 1. As an example of the significance of skewness in hydrologic frequency analysis, a 1,000-year storm is defined as the mean plus 3.67 standard deviations for a skewness of 0.4 and the mean plus 5.91 standard deviations for a skewness of 2.0.

Regional coefficients of skewness (Sk) are used because skewness is quite sensitive to large storm events in small statistical samples, such as these rainfall records. To illustrate the sensitivity of skewness, the largest daily rainfall from 79 daily rainfall records, each having 70 or more years of record, was normalized in terms of standard deviations in excess of the mean. The coefficient of determination between the normalized maximum daily rainfall and the coefficient of skewness was 0.74, indicating that 74 percent of the variation in the coefficient of skewness is related to the size of the largest daily event in the rainfall record.

Regional Coefficients

Regions in California having similar coefficients of skewness and variation were selected. Averages of the coefficients of individual stations were developed within each region. These station values are weighted by the length of record at each station.

The coefficients of skewness and variation were found to be similar for storm durations ranging from 5 minutes to 60 days, as shown on Figure 4. In this report, the working values of these coefficients for durations of 5 minutes to 12 hours have been adopted. These are the same as the one-calendar-day values from the daily records summarized in Volume I. Daily, rather than hourly, records are used for developing these regional values because so much more data are available for the daily recording stations. Two values of coefficients are used here: one for durations of a day or less, and one for the annual total rainfall (Figures 5 and 6). Within each region, the annual totals of skew and variation are plotted for each region below the values for one day and less. It is anticipated that future refinements of this study will include the development of more objective procedures for establishing regional coefficients of skewness and variation.

Frequency Distributions

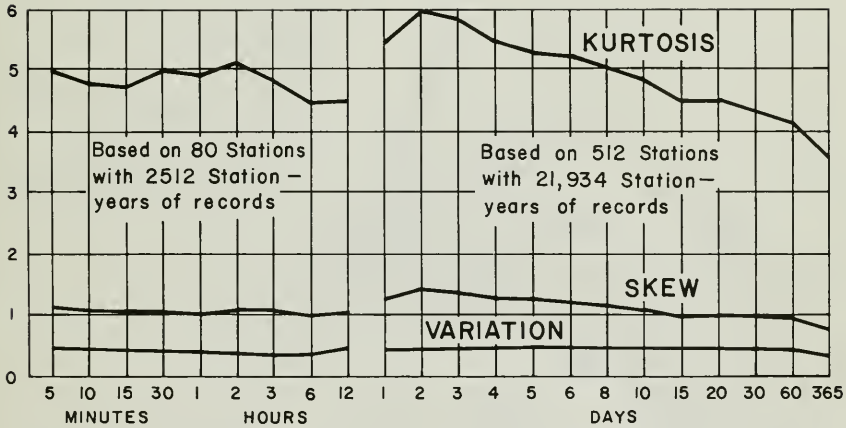
The criterion for the selection of a frequency distribution to represent extreme annual precipitation for this report is illustrated by the skew-kurtosis relationship shown on Figure 7.[10] This figure shows curves representing log-normal, Weibull, and Pearson's Type III distributions, as well as points representing normal and Gumbel distributions. The data points represent weighted averages of skew and kurtosis from 512 stations with 21,934 station-years of record at daily rainfall measuring stations. The Pearson's Type III distribution is the clear choice for all storms lasting up to 30 days. The Weibull distribution is the best choice for 60-day storm durations and for yearly total rainfall. However, the Pearson Type III distribution is used throughout this study. Previous work[10] summarized on Figure 7 indicates that the Type III is the appropriate choice for short-duration precipitation extremes as well.

Fixed-Interval Corrections

Empirical values of the ratio of the true to fixed-interval average maximum precipitation were described in the U. S. Weather Bureau's *Rainfall Frequency Atlas*[3] as:

> Clock-Hour vs. 60-Minute and Observational-Day vs. 1440-Minute Rainfall--In order to exploit the clock-hour and observation-day data, it was necessary to determine their relationship to the 60-minute and 1440-minute periods containing the maximum rainfall. It was found that 1.13 times a rainfall value for a particular return period based on a series of annual maximum clock-hour rainfalls was equivalent to the amount for the same return period obtained from a series of 60-minute rainfalls. By coincidence, it was found that the same factor can be used to transform observational-day amounts to corresponding 1440-minute return-period amounts...."

Figure 4.



VARIATION IN EXTREME PRECIPITATION STATISTICS WITH STORM DURATION

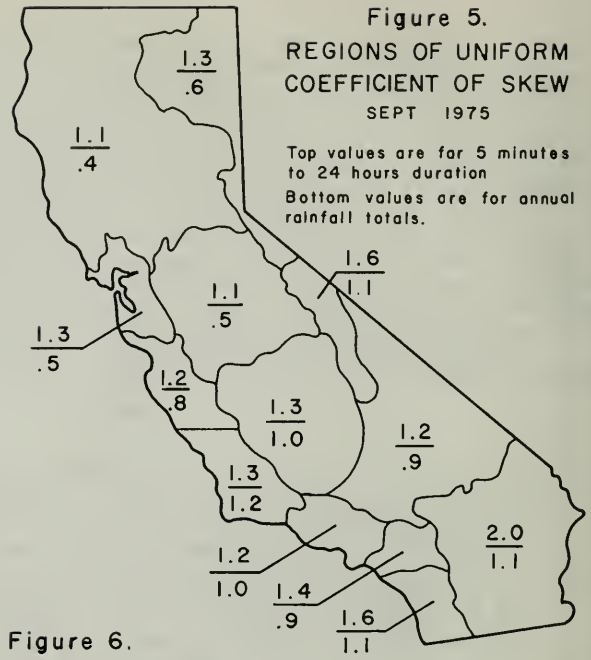


Figure 5.
REGIONS OF UNIFORM
COEFFICIENT OF SKEW
SEPT 1975

Top values are for 5 minutes to 24 hours duration

Bottom values are for annual rainfall totals.

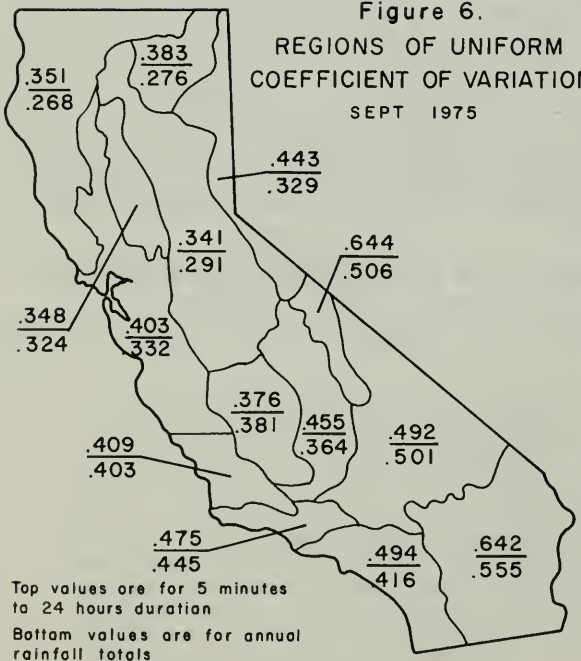
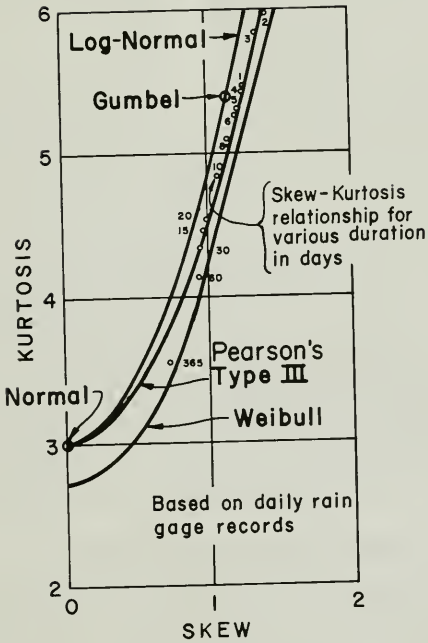


Figure 6.
REGIONS OF UNIFORM
COEFFICIENT OF VARIATION
SEPT 1975

Top values are for 5 minutes to 24 hours duration

Bottom values are for annual rainfall totals

Figure 7.



SKEW-KURTOSIS RELATIONSHIP WITH CRITERIA FOR THREE FREQUENCY DISTRIBUTIONS

Weiss[13] in 1964 published a theoretical derivation of the ratio of true to fixed-interval maximum precipitation (F) based on a probability model. As described, the ratio applies only to the averages of extreme events, rather than to individual yearly data. Values of (F), as calculated by Weiss, are quoted here for various numbers of consecutive time intervals (n):

n	1	3	6	12	24
F	1.143	1.044	1.022	1.011	1.005

Weiss describes these ratios as independent of the time interval under study and as equally valid when used to describe hourly, daily, or monthly extreme data.

The values of clock-hour correction (which have been used in this study) are shown in the following tabulation:

Interval	1	2	3	4	5	6	8	10
Correction	1.14	1.07	1.04	1.04	1.03	1.02	1.02	1.01

The interval can be in any uniform time increments. These clock-hour corrections are also used as calendar-day corrections when a uniform once-a-day observation time is used. The same concept can be applied to any discrete fixed beginning and ending time interval, whether it is minute, hour, day, or month. These fixed interval corrections are too high for daily rainfall data in the desert areas, but no better ones are currently available. This is an area which still needs further investigation.

Partial Duration Series and Annual Series

Two methods exist for extracting the extreme values of time series data. In one of these, the partial duration series, the highest values of the total series are selected, regardless of the time at which they occur. In the second, the annual series, the highest value for each year is selected. When analyzed, the results from an annual series affect only relatively short return periods. The two series merge into one for return periods of more than ten years. Mathematically, the annual series is a complete series and the partial duration series is only the upper part of a total series. Hence, the partial direction series is difficult to use.

The partial duration series is that portion of the extreme values which exceed a given base level, no matter when they occur. With this series, an analysis may include one year

in which several large rain events occurred and other years in which no storms as large as the base level occurred. The partial duration series is used for studying storms which have return periods of less than five years; longer return periods show little substantial difference.

Partial duration series analysis requires the data analyst to use foresight in selecting a base level of storm events for a predetermined number of data points.

The annual series consists of the largest annual value for each year, with only one value per year. Langbein[14] has compared the results of the annual series to the partial duration series, as shown by the following conversion factors:

	Return Period in Years					
Annual Series	.5	1.0	2.0	5.0	10.0	100.0
Partial Duration Series	1.16	1.58	2.54	5.52	10.5	100.5

It is easier perhaps to convert partial-duration series to annual series by using the following factors from Technical Paper No. 40 (Hershfield)[3].

Return period	Conversion factor
2-year	0.88
5-year	0.96
10-year	0.99

The annual series provides one great advantage over the partial duration series: ease of data file management. When the files of extreme data are updated, one year's record can be added to the data file for each year without regard to prior data files.

Depth-Duration-Frequency Tables

The observed maximum annual rainfall for each duration is tabulated for each year on the short-duration stations used in Volume I. The data were not listed for the long-duration stations of Volume II, but the data can be supplied to those users who choose to analyze the data for themselves.

The depth-duration-frequency tables included in this report in Volumes I and II have several parts. The first part,

including station number, name, elevation, location, and county code, is explained in "Key to Station Descriptions" in this report

The second part of the tables is a matrix of columns of storm events ranging from 5 minutes up to 24 hours as well as the annual total, and return periods ranging from 2 to 10,000 years, with a probable maximum precipitation (PMP) estimated as the mean plus 15 standard deviations.[15] The calendar, fiscal, or water year total precipitation is coded as C YR, F YR, or W YR.

The third part of the table contains the mean, which is the arithmetic average; the clock-hour correction,[13] where appropriate; the calculated skew; the regional skew; and the actual skew, which is used on the computations for the duration-return period matrix.

The fourth part of the table contains the slope of the log-intensity/log-time plot, and the one-hour intercept of the log-mean-intensity/log-time curve, as determined by a least square fit for those durations of 5 minutes to 3 hours. The coefficient of determination is for this least square fit. The one-hour intercept is also expressed as a fraction of the mean annual precipitation, as well as units of inches. The ratio of the average calculated coefficient of variation for durations of 5 minutes to 3 hours over the regional coefficient of variation is coded as Average Calc CV/Used CV.

The fifth part of the table contains the kurtosis, which is the fourth moment function. The number of data points used in the computations for each column is coded as N. The year in which the highest rainfall of record occurred is coded as Record Year. The highest precipitation for each duration is indicated in the row labeled Record Maximum. Normalized Max is the record maximum in units of standard deviations in excess of the mean for each duration. The calculated coefficient of variation is coded as Calc. Coef. of Var. The regional coefficient of variation is coded as Regn. Coef. Var. The coefficient of variation used in this report is coded as Used Coef. Var.

The sixth part of the table contains dimensionless ratios of precipitation for return periods of 10 to 10,000 years, expressed as percentages of the mean annual precipitation, and coded as RP 10/A, etc. Mean/A refers to the mean event for each duration as a fraction of the mean annual precipitation. PMP is also expressed PMP/A (probable maximum precipitation expressed as a fraction of the mean annual rainfall (A)), so that the mean annual precipitation can easily be used as an interstation interpolating device, as well as for comparing adjacent records for consistency.

The data user is expected to be concerned mainly with the first two parts; the remainder of each table is printed in the interest of continued procedures development.

The last line of the depth-duration-frequency table states: "Where N is small (<25), results are not dependable." "Small" in this application means records of 25 years or less. From sampling theory[16] is derived the statement: errors are proportional to one over the square root of the sample size.

Quality control on the precipitation depth-duration-frequency tables of this report is monitored by the coefficient of determination and ratio of the average calculated coefficient of variation to the used coefficient of variation. A coefficient of determination of 0.998 is considered a good fit of a straight line to the log-average-intensity/log-time curve. A value of 0.98 or less suggests that a straight line is not the best model for this data set, or that the data are inadequate, especially in the shorter durations where chart resolution is poor or the effects of snow or wind are severest. The coefficient of determination varies from zero for no correlation to 1.000 for a perfect correlation.

The ratio of the average calculated coefficient of variation to the use coefficient of variation varies from about 0.5 to 2.0; for the ideal situation, it would be 1.00. This ratio is only for durations of 5 minutes to 3 hours. The coefficient of variation is subject to errors arising from inadequate sampling of annual extreme values. Values of this ratio smaller than 1.00 represent instances in which the use of the calculated coefficient of variation would result in a smaller design storm.

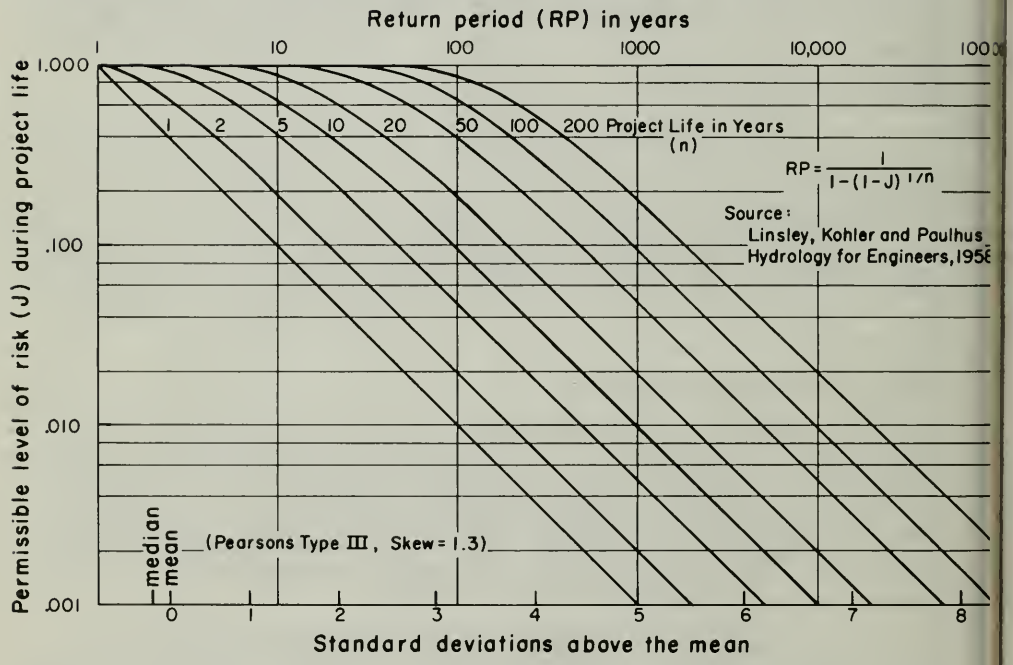
Safety Factors in Hydrology

Engineers are accustomed to using safety factors in the design of structures. In designing storm protection works, such factors include "spillway design floods", project design floods", "1,000-year storms", "probable maximum precipitation", and other basis for rationalizing the use of very rare storm events. The fact that design storms are occasionally exceeded points out the need for an assessment of the risks of failure associated with selected return periods.

Frequency analysis defines the event which can be expected once every "Y" years on the average. This does not imply that a "Y-year event" will occur regularly every "Y" years. Return periods, as well as flood magnitudes, are subject to analysis. For example, there is a two percent chance that a 50-year event will occur in any one year.

The 10,000-year event with a skew of 1.3 is defined as the mean plus 6.64 standard deviations, as shown on Table 1. The 10,000-year return periods based on 10 to 30 years of record will be considered of low statistical reliability. However, the use of a 10,000-year return period in hydrologic studies has considerable utility and compensates for the low statistical reliability.

Figure 8. RELATIONSHIP OF PERMISSIBLE LEVEL OF RISK AND RETURN PERIOD



Since some dams have lives exceeding 100 years, and since a low level of risk, such as one-in-a-hundred chance of failure, is desirable, the joint probabilities of the two events can be calculated by multiplying, in this case, a one-in-a-hundred risk with a 100-year project life for a design return period of 10,000 years.

The permissible level of risk during the project life can be considered when a return period is selected. A structure with a one-year useful life, such as a temporary cofferdam, for instance, for which a one percent chance of failure would constitute a permissible level of risk, would be designed for a return period of 100 years.

The relationship of permissible level of risk and return period is shown on Figure 8 for a broad range of project lives and return periods. This graph, which was prepared from a probability formula in *Hydrology for Engineers* (Linsley, Kohler, and Paulhus, 1958),[17] indicates a ten percent chance of a once-in-460-year event occurring in the next 50 years. Permissible risk is discussed in depth in a paper by Ben Chie Yen.[18]

Meteorological models of probable maximum precipitation have been based on three physical limitations:

Moisture in the air over a basin.
Moisture transported into a basin by winds.
The fraction of the inflowing moisture which will precipitate.

These variables, which are difficult to measure directly, are commonly estimated for orographic and convective storm types. Models of the precipitation mechanism are generally calibrated by historical precipitation data. A good discussion of probable maximum precipitation (PMP) was prepared in 1967 by Vance Myers of the U. S. Weather Bureau.[19]

Statistical models represent a direct approach to estimating PMP with a minimum amount of assumption. A comparison of these two approaches to computing PMP was made by Hershfield,[15] who used the mean plus 15 standard deviations to estimate probable maximum precipitation. The value of 15 standard deviations was an upper enveloping value for extreme storms of record. The use of a given level of risk or a given number of standard deviations above the mean can be a management decision, when a relatively stable method of computing the means, the standard deviations, and the skew coefficients is available.

INTERSTATION INTERPOLATION

An objective of this study is to develop a procedure for estimating extreme annual precipitation for various frequencies at any location in California. Two approaches are used here. The first is presented in a series of maps (Plates 7 through 12) that show the extreme annual one-hour duration storm for return periods of 10, 25, 50, 100, and 1,000 years, and the probable maximum precipitation. The values appearing on these maps are expressed as percentages of the mean annual precipitation. The second approach is to map the statistical parameters (mean, coefficient of variation, coefficient of skewness, and slope of an intensity-frequency-duration curve). Both approaches use a mean annual precipitation map[20] for interpolation between stations. The first approach is intended for direct use by engineers, and the second, for potential use in a computer-oriented application.

The statistical parameters, when analyzed separately, will yield design storms which vary from the analysis for specific return periods (Plates 7 through 12) because of the effects of smoothing the maps of the mean and the coefficients of skew and variation. An analysis of the statistical parameters was developed for a computerized procedure in which the data user will interrogate a data bank by a remote terminal. The user will enter the longitude and latitude of the center of the drainage area and receive an array of design storms for durations of 5 to 180 minutes and return periods of 2 to 10,000 years. Economies have curtailed the implementation of this program, but the basic approach to its use is outlined here:

Chow's general equation for hydrologic frequency from his *Handbook of Applied Hydrology*[11] is $x = \bar{x}\ (1 + CV\ K)$, which for this study is:

$$P_j = MAP\ \bar{P}\ (1 + K_j CV) \qquad \text{(a)}$$

where P_j = precipitation in inches per hour for return period j

MAP = mean annual precipitation

$\bar{P}$ = mean annual maximum 1-hour storm as a fraction MAP

K_j = frequency factor from Table 1

CV = regional coefficient of variation

The intensity-duration relationship was assumed to be a linear log-log plot as follows:

$$\text{Log } I = \log \overline{P} + n \log H \qquad \text{(b)}$$

where I = intensity in inches per hour for duration H in hours

n = slope of curve

n and $\overline{P}$ are computed by a least square procedure.

Use of the concepts of equations (a) and (b) develops the following:

$$I = (MAP)\ \overline{P}\ (1 + K_j CV)\ H\text{-}n \qquad \text{(c)}$$

K_j is the only value in equation (a) representing different return periods. The entire storm is expressed as a fraction of the mean annual precipitation.

The data of equation (c) is shown graphically in this report. MAP is shown on Plate 3; $\overline{P}$ is shown on Plate 4; K_j is tabulated on Table 1; CV is plotted on Plate 5; and n is plotted on Plate 6. In this procedure, the mean annual precipitation was used as an interstation interpolation device. Use of MAP would have required storing statewide maps of MAP, $\overline{P}$, CV, n, and the regional coefficient of skewness as digital data in a computer.

Coefficient of Variation

The coefficient of variation (CV) is the standard deviation divided by the mean. It is used here to express the variation from the mean of extreme annual rainfall. CV is plotted as a continuous surface on Plate 5 and is also shown as averages for specific areas on Figure 6. These regional averages were used to develop the depth-duration-frequency tables in Volumes I and II. The values in Figure 6 were visualized as a second generation estimate of CV, whereas the averages of Plate 5 are visualized third generation values for use in a future computer-generated analysis of CV. The use of the Plate 5 values should overcome the abrupt discontinuities which are evident in the adjacent zones of Figure 6.

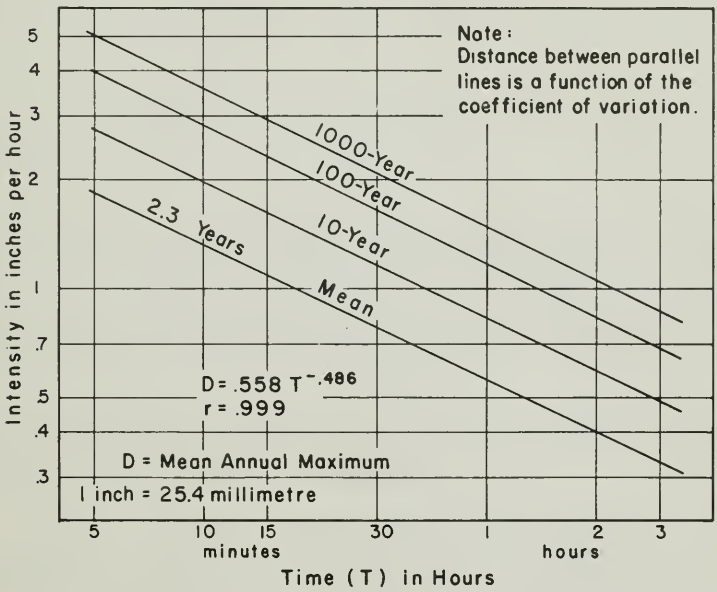
Slope of Intensity-Duration-Frequency Curves for California

The one-hour storm is the basic unit of storm analysis used for the intensity-duration-frequency (IDF) curves shown in Volume III. Storms for durations ranging from 5 to 180 minutes are computed from the one-hour storm, using the slope of a curve of log intensity (in inches per hour)-log duration (in hours). This slope is derived from a least squares fit, using durations of 5, 10, 15, 30, 60, 120, and 180 minutes. Some of the stations

lacked data for all seven storm durations. In those cases, only the durations which were available were used to develop the mean and slope of the intensity-duration-frequency curves.

The IDF curve for Eureka (Figure 9) is used to illustrate the mean and slope of IDF curves for this report. The mean represents the one-hour intercept of the line fitted to the average annual extremes for each duration. In this report the slope is always negative when the units used are inches per hour. The slope is one of the regression constants from a log-log plot of the IDF curve.

Figure 9. INTENSITY-DURATION-FREQUENCY RELATIONSHIP OF PRECIPITATION AT EUREKA
Based on 70 years of record.



RESEARCH IMPLEMENTATION

The results of this study will replace the isohyetal map of California titled "Variation of 60-Minute Precipitation in California" that has been the standard referred to in the Highway Design Manual of the Department of Transportation. The isohyetal map of California has long been recognized as a very rough approximation and generally was not used for design, if it was at all possible to obtain other more reliable data. The product of this study will permit designers to replace the isohyetal map with a data base that they can rely on.

Computing and analyzing weather station data is a time-consuming manual task. Data are difficult to obtain, and frequently the desired data must be estimated by various means from skimpy and often obsolete records. A positive benefit that should be realized by the immediate dissemination of the data obtained in this report will be to provide data needed for hydrologic analysis without diverting manpower to make the statistical analysis.

The analyses of this study are useful, and the rainfall data can be used directly from the report. The results should prove to be a valuable tool to anyone preparing rainfall-runoff estimates.

This study will provide more accurate and reliable information on short-duration storms. The current practice of estimating short-duration rainfall of less than one hour as a constant percent of the clock-hour rainfall for any location in the State would be discontinued. The data that would be furnished by the proposed project will show the ratio of short-duration to one-hour storm for each station in the State.

Additional benefits of this study would include safer and more economic drainage facilities, due to better estimates of rainfall maximums that also correspond more closely with the actual concentration time of water catchments.

Another value of the study comes from gathering the great number of rain gage stations that have been collecting data and then compiling it into a usable and available whole. Heretofore, the data have existed, but only within the limits of the various local agencies--both public and private. This study brings all these data together into one publication.

Another value is that a permanent data bank containing the data appearing in the report has been established in the Teale Data Center in Sacramento. Current plans include preparing an annual update of the data, which would be part of the Department of Water Resources' activity.

Another use for the data is in combination with the study report that is just being completed by the U. S. Geological Survey, *Floods from Small Drainage Areas*. The study examined the rainfall-runoff relation of many drainage basins throughout California. The data produced from this study will provide a more reliable method of relating known rainfall-runoff relationships with an estimated rainfall intensity-duration-frequency. The data can then be used to estimate the 100-year frequency runoff from a previously gaged rainfall-runoff basin or used to estimate the runoff from a nearly similar ungaged runoff basin. This is a capability that highway designers have not been able to utilize heretofore.

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KEY TO STATION DESCRIPTIONS

Drainage Basin - Each of the 12 major drainage provinces is given a letter code, and the hydrographic units within each are designated by number codes. These are shown on Plate 1.

Alpha Order Number - The alpha order numbers were originally assigned to each station to denote its alphabetic sequence. They are the same numbers used by the National Weather Service in the late 1950s. Alpha-numeric sequence numbers are now assigned by referring to the latest alpha listing of the historic weather station name list.

Subnumber - These numbers supplement the four-digit alpha order number and are used to maintain an alphabetical sequence of station names beyond the capability of the system used by the National Weather Service.

Station Name - When no obvious station name exists, a name must sometimes be devised for a weather station. Frequently this is the name of the nearest post office, followed by the distance and direction in miles and 16 compass points. For example, Canby 11 SW denotes a station located 11 miles southwest of the post office at Canby. When two observers are situated at a single location, the town name is sometimes followed by the name of the observer's location. An example of this: Stonyford Cooley Ranch, where Stonyford is the place name and Cooley Ranch is the observer's site. When two precipitation gages are situated at one site, one is also identified with a number, such as Folsom No. 2.

The responsibility for selecting the station name rests with the agency or individual establishing the station.

The space for station names is restricted by the computer to 25 columns; therefore, some abbreviations are necessary. Some common ones are:

AP - Airport
PH - Power House
STA - Station
HMS - Highway Maintenance Station
FS - Fire Station
RS - Ranger Station

Elevation - The elevation of the ground surface at the gage is expressed to the nearest foot above mean sea level (USGS datum). The elevation is generally obtained by interpolation between the contours of USGS topographic maps.

Section, Township, and Range - The section, township, and range are based on the U. S. Public Land Survey, in which 6-mile-square townships are divided into 36 sections; these are further subdivided into 16 quarter-mile-square lots that contain roughly 40 acres. The township, range, and section used here are identical to those shown on the maps of the U. S. Geological Survey, with the official Department extension of the sectioning into unsurveyed areas.

40-Acre Tract - A letter code identifies the position of each tract within a section. The letters "I" and "O" have been omitted to avoid confusion with the numbers "1" and "0".

D	C	B	A
E	F	G	H
M	L	K	J
N	P	Q	R

40-Acre Tract

Base and Meridian - The code for this column is:

G - Gila and Salt River Base and Meridian
H - Humboldt Base and Meridian
M - Mount Diablo Base and Meridian
S - San Bernardino Base and Meridian
W - Willamette Base and Meridian

Latitude and Longitude - Latitude and longitude are given to the nearest second, when the value is known. The National Weather Service lists its stations by degree and minute only. A zero value or a blank space for seconds in these columns generally means that latitude and longitude have been obtained from the Weather Service and have not been verified in the field by personnel of the Department of Water Resources.

Plate 1.

MAJOR DRAINAGE PROVINCES

AND

HYDROGRAPHIC UNITS

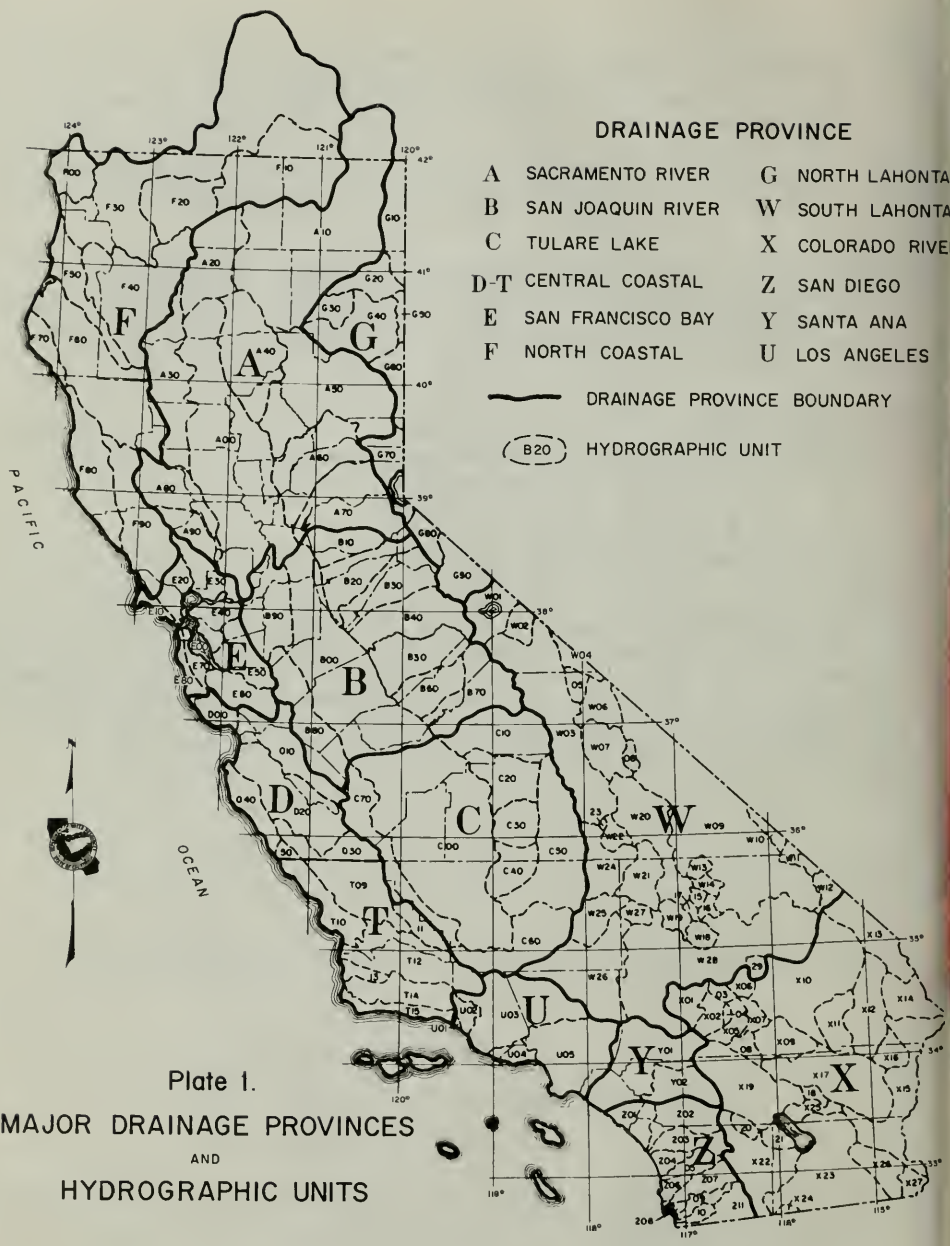


Plate 1.

MAJOR DRAINAGE PROVINCES

AND

HYDROGRAPHIC UNITS

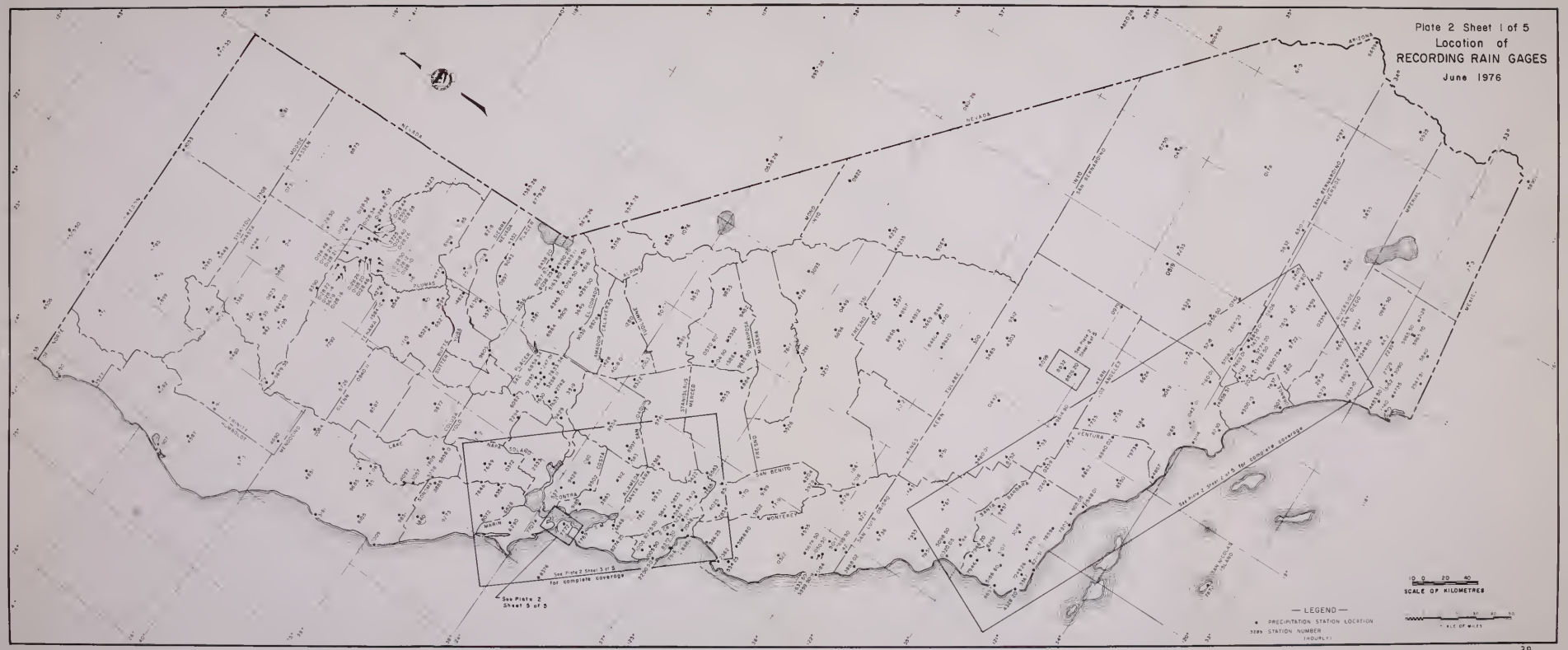


Plate 2 Sheet 1 of 5
Location of
RECORDING RAIN GAGES
June 1976
See Plate 2 Sheet 5 of 5
See Plate 2 Sheet 3 of 5 for complete coverage
See Plate 2 Sheet 1 of 5 for complete coverage
— LEGEND —
PRECIPITATION STATION LOCATION
3289 STATION NUMBER (HOURLY)
SCALE OF KILOMETRES
SCALE OF MILES

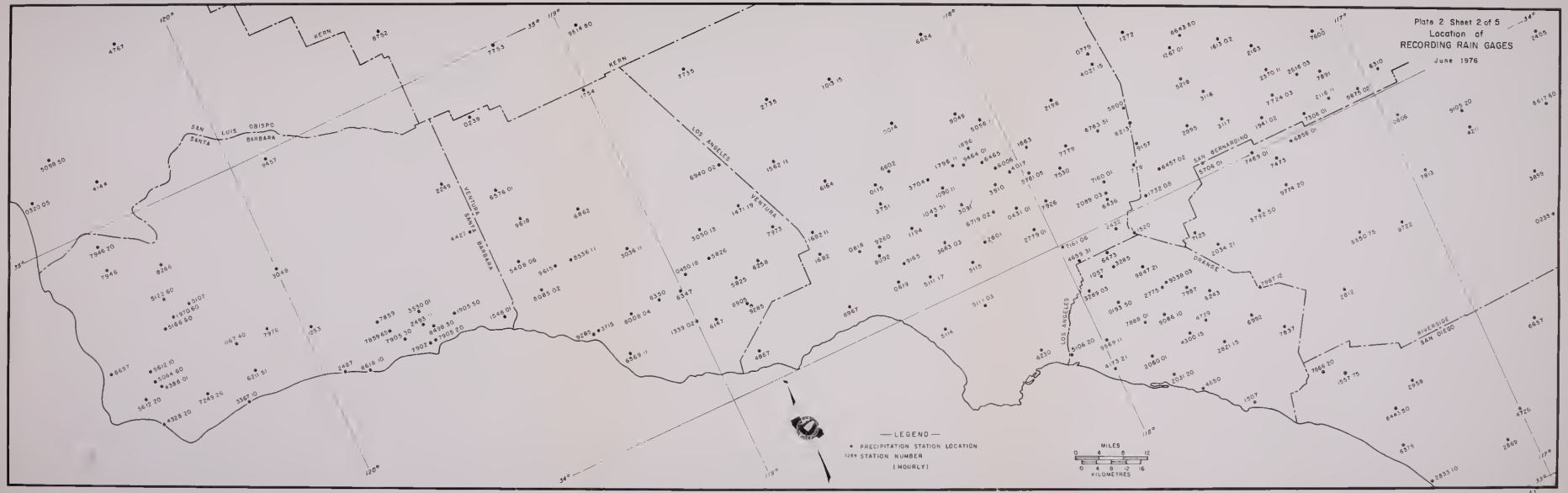


Plate 2 Sheet 2 of 5
Location of
RECORDING RAIN GAGES
June 1976
KERN
SAN LUIS OBISPO
SANTA BARBARA
VENTURA
SANTA BARBARA
LOS ANGELES
VENTURA
SAN BERNARDINO
LOS ANGELES
ORANGE
RIVERSIDE
SAN DIEGO
— LEGEND —
* PRECIPITATION STATION LOCATION
1249 STATION NUMBER
(HOURLY)
MILES
0 4 8 12
0 4 8 12 16
KILOMETRES

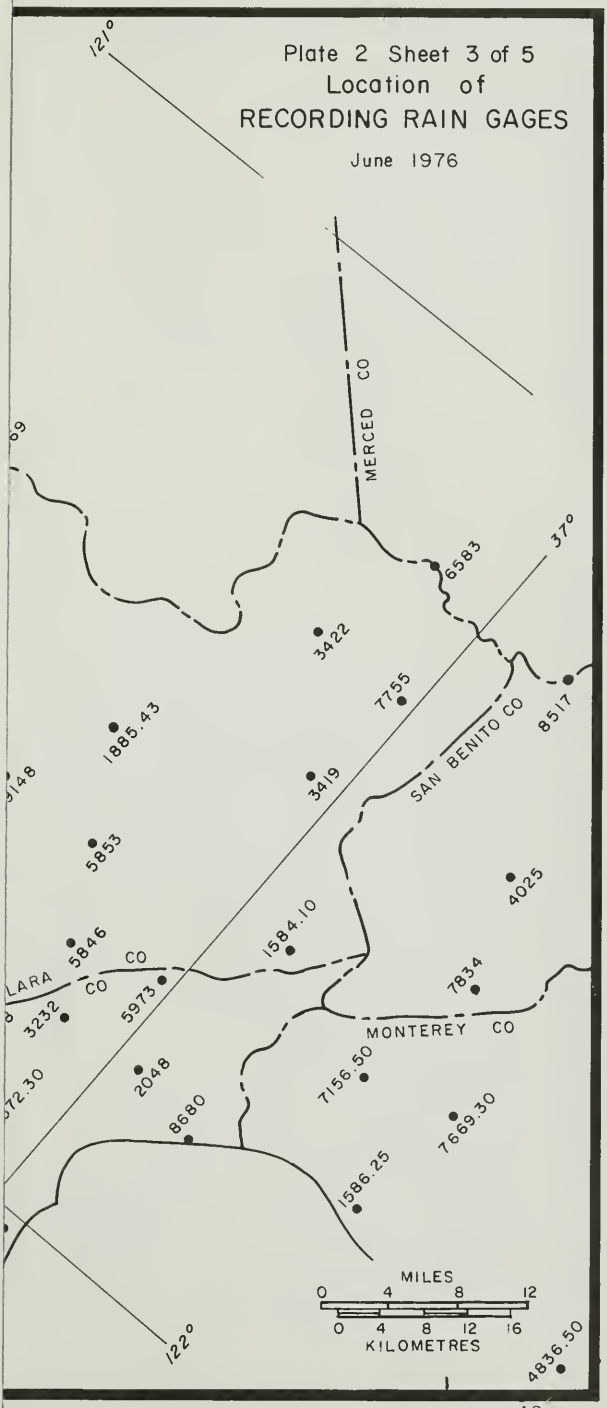


Plate 2 Sheet 3 of 5
Location of
RECORDING RAIN GAGES
June 1976
121°
122°
37°
MERCED CO
SAN BENITO CO
MONTEREY CO
LARA CO
6583
3422
7755
8517
1885.43
3419
5853
4025
1584.10
5846
5973
3232
7834
2048
7156.50
8680
7669.30
1586.25
4836.50
MILES
0 4 8 12
0 4 8 12 16
KILOMETRES

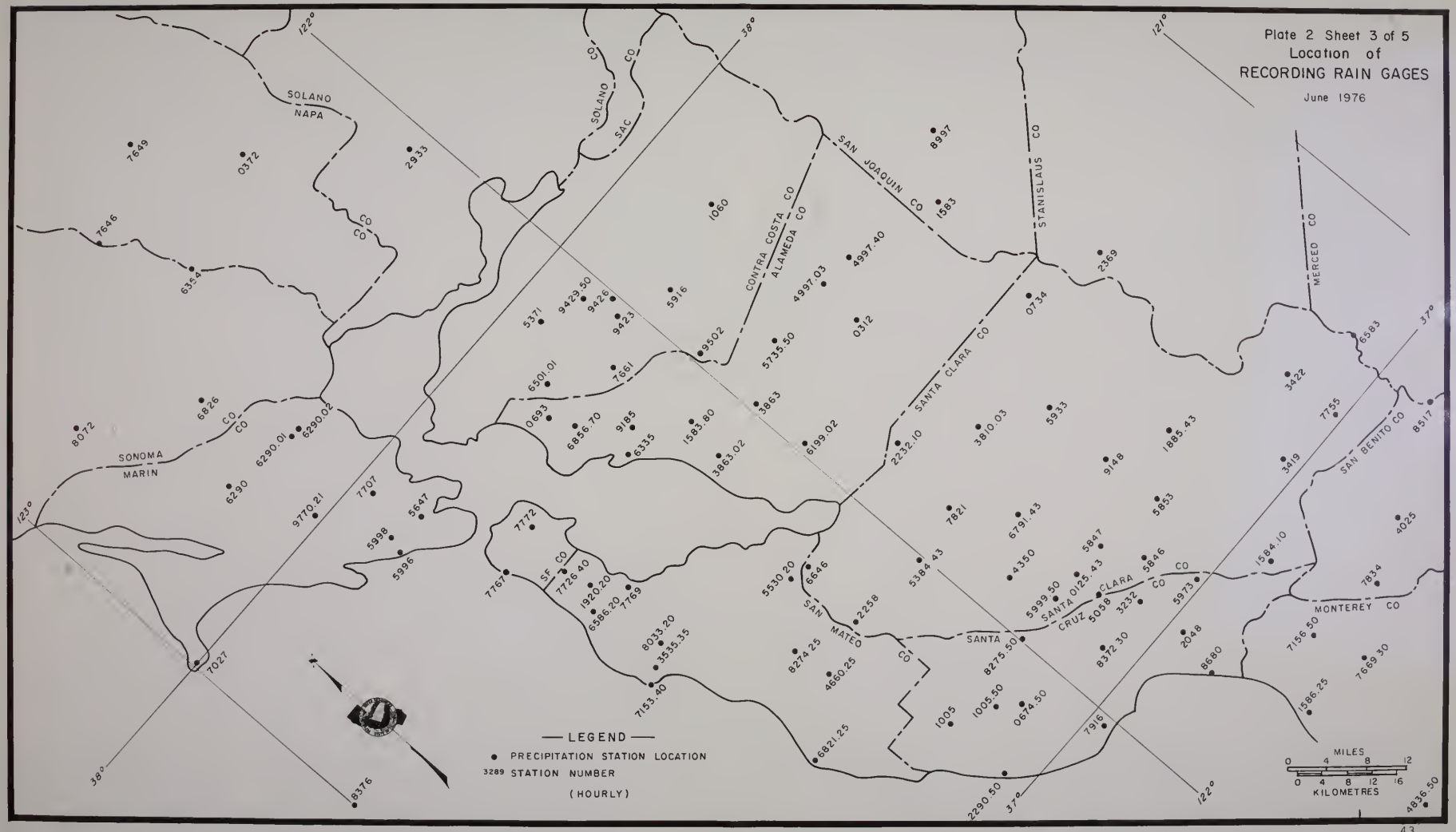


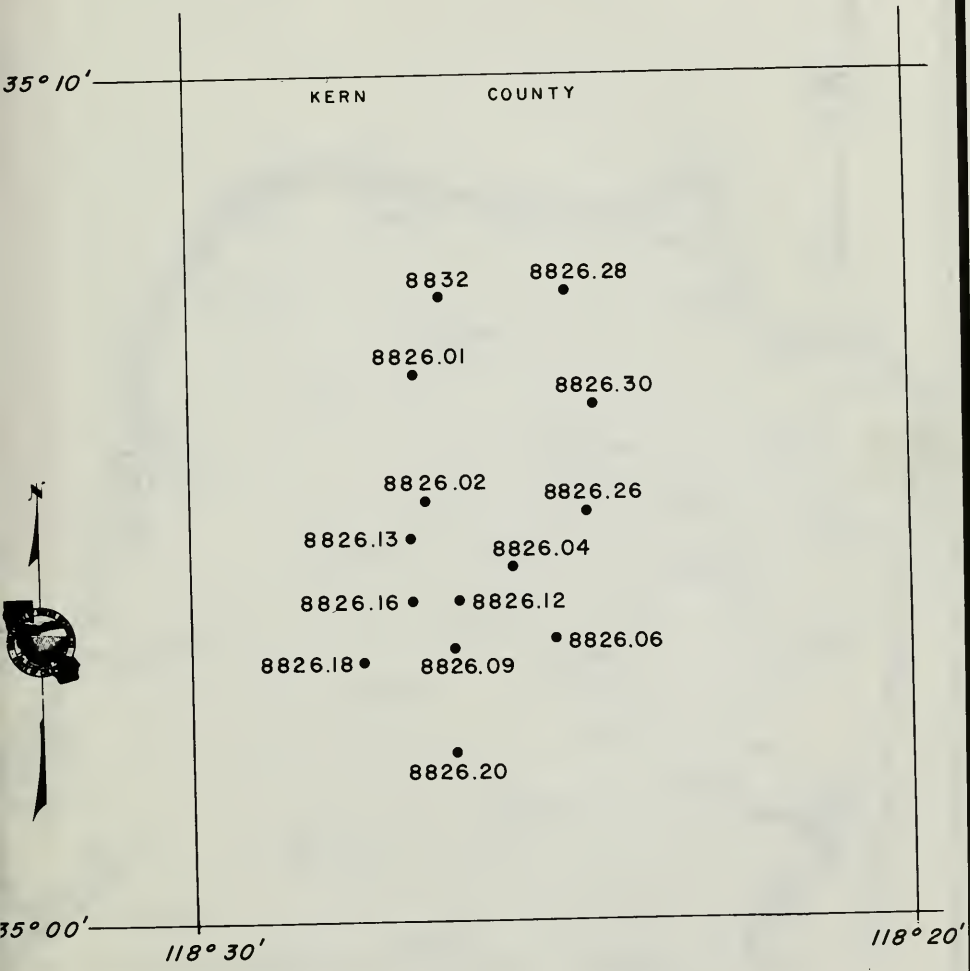
Plate 2 Sheet 3 of 5
Location of
RECORDING RAIN GAGES
June 1976
SOLANO
NAPA
SOLANO CO
SAC CO
CO
CONTRA COSTA CO
ALAMEDA CO
SAN JOAQUIN CO
STANISLAUS CO
MERCED CO
SANTA CLARA CO
SAN BENITO CO
MONTEREY CO
SONOMA
MARIN
SF CO
SAN MATEO CO
SANTA CLARA CO
SANTA CRUZ CO
LEGEND
PRECIPITATION STATION LOCATION
3289 STATION NUMBER
(HOURLY)
MILES
KILOMETRES

Plate 2 Sheet 4 of 5

Location of

RECORDING RAIN GAGES

June 1976



— LEGEND —

● PRECIPITATION STATION LOCATION

3289 STATION NUMBER (HOURLY)

MILES

0 2 4

0 2 4 6

KILOMETRES

Plate 2 Sheet 5 of 5

Location of
RECORDING RAIN GAGES

June 1976

Plate 2 Sheet 5 of 5

Location of
RECORDING RAIN GAGES

June 1976

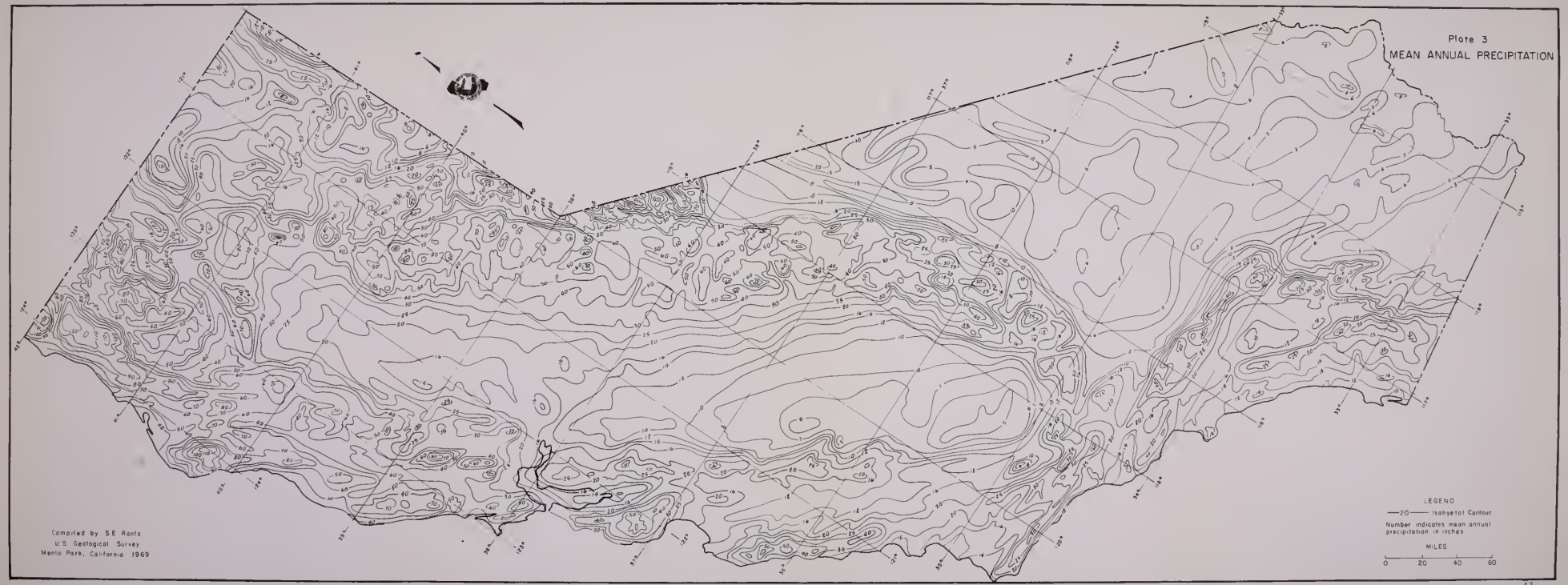


Plate 3
MEAN ANNUAL PRECIPITATION
LEGEND
20 Isohyetal Contour
Number indicates mean annual precipitation in inches
MILES
0 20 40 60
Compiled by S E Rantz
U S Geological Survey
Menlo Park, California 1969

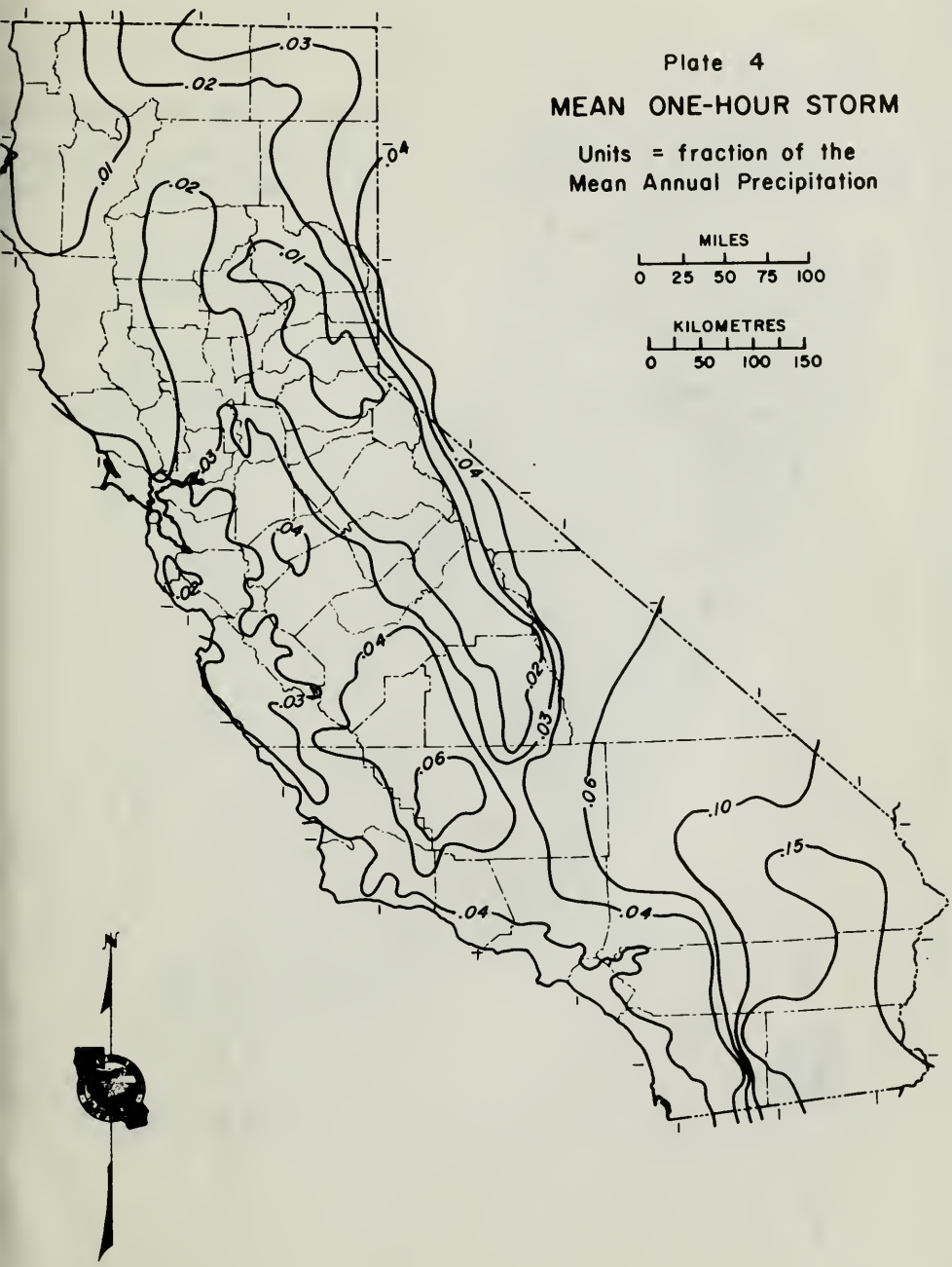


Plate 4

MEAN ONE-HOUR STORM

Units = fraction of the Mean Annual Precipitation

MILES
0 25 50 75 100

KILOMETRES
0 50 100 150

June 1976

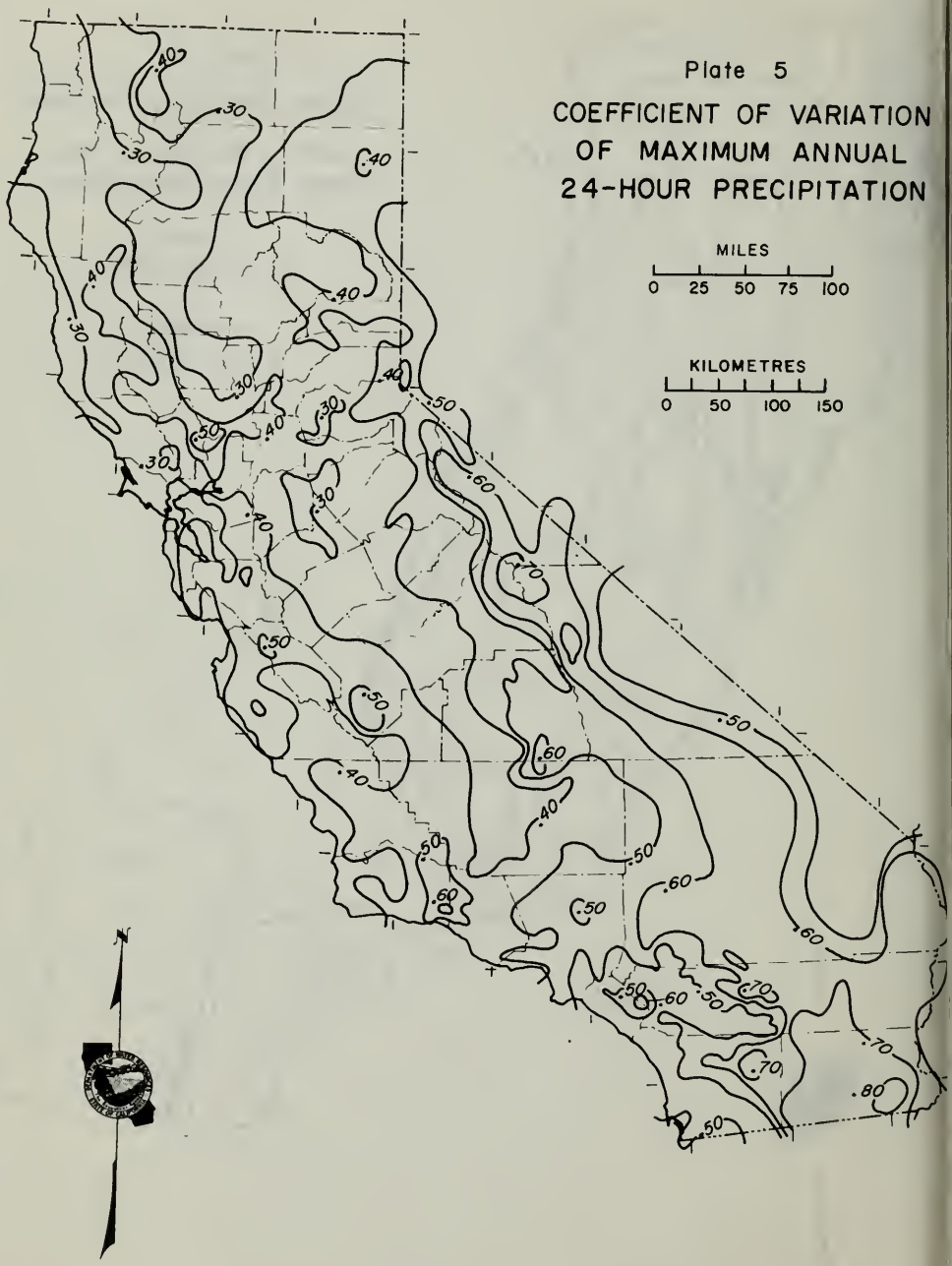


Plate 5
COEFFICIENT OF VARIATION
OF MAXIMUM ANNUAL
24-HOUR PRECIPITATION
MILES
0 25 50 75 100
KILOMETRES
0 50 100 150
N

June 1976

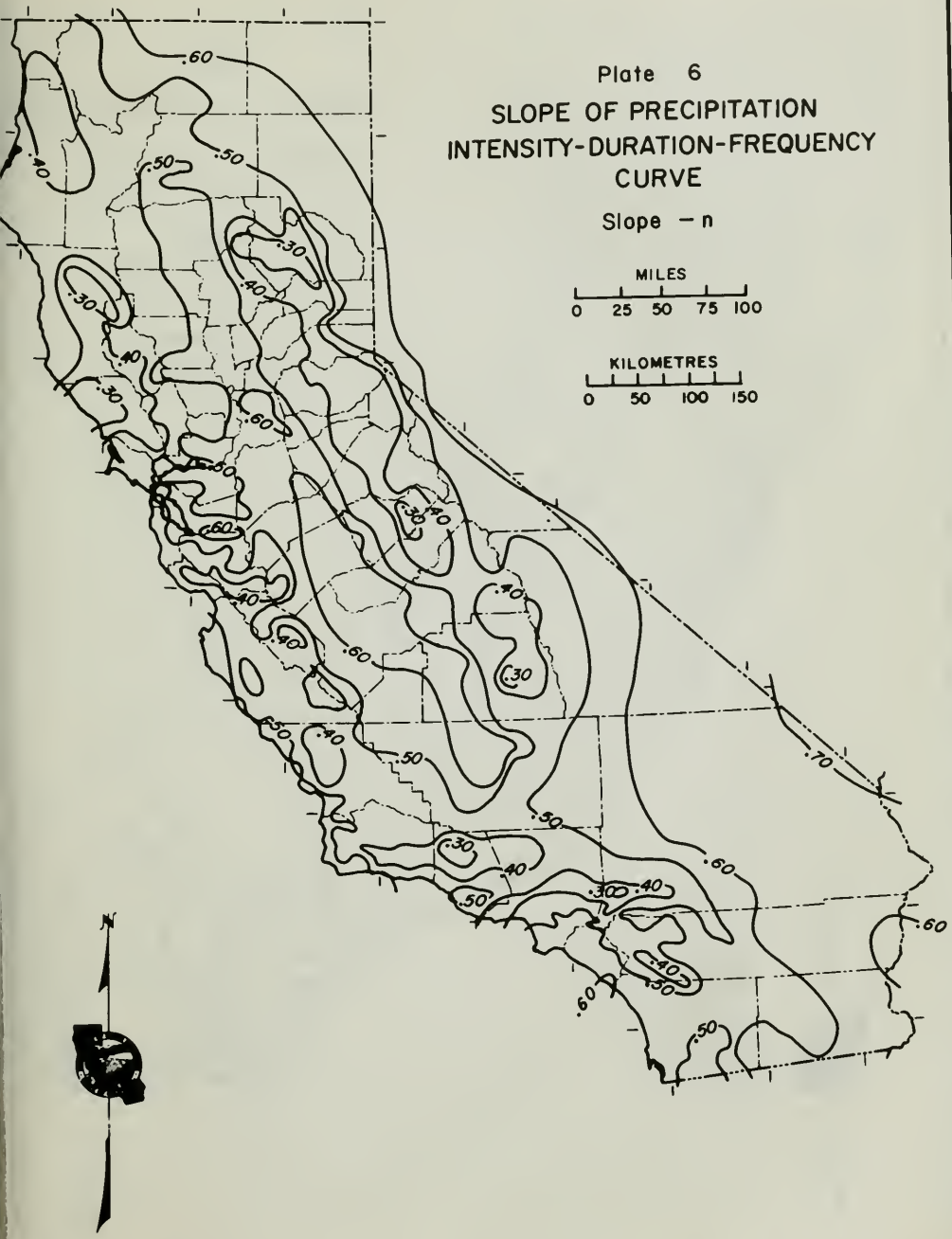


Plate 6
SLOPE OF PRECIPITATION
INTENSITY-DURATION-FREQUENCY
CURVE
Slope – n
MILES
0 25 50 75 100
KILOMETRES
0 50 100 150
N
.60
.50
.40
.30
.70

June 1976

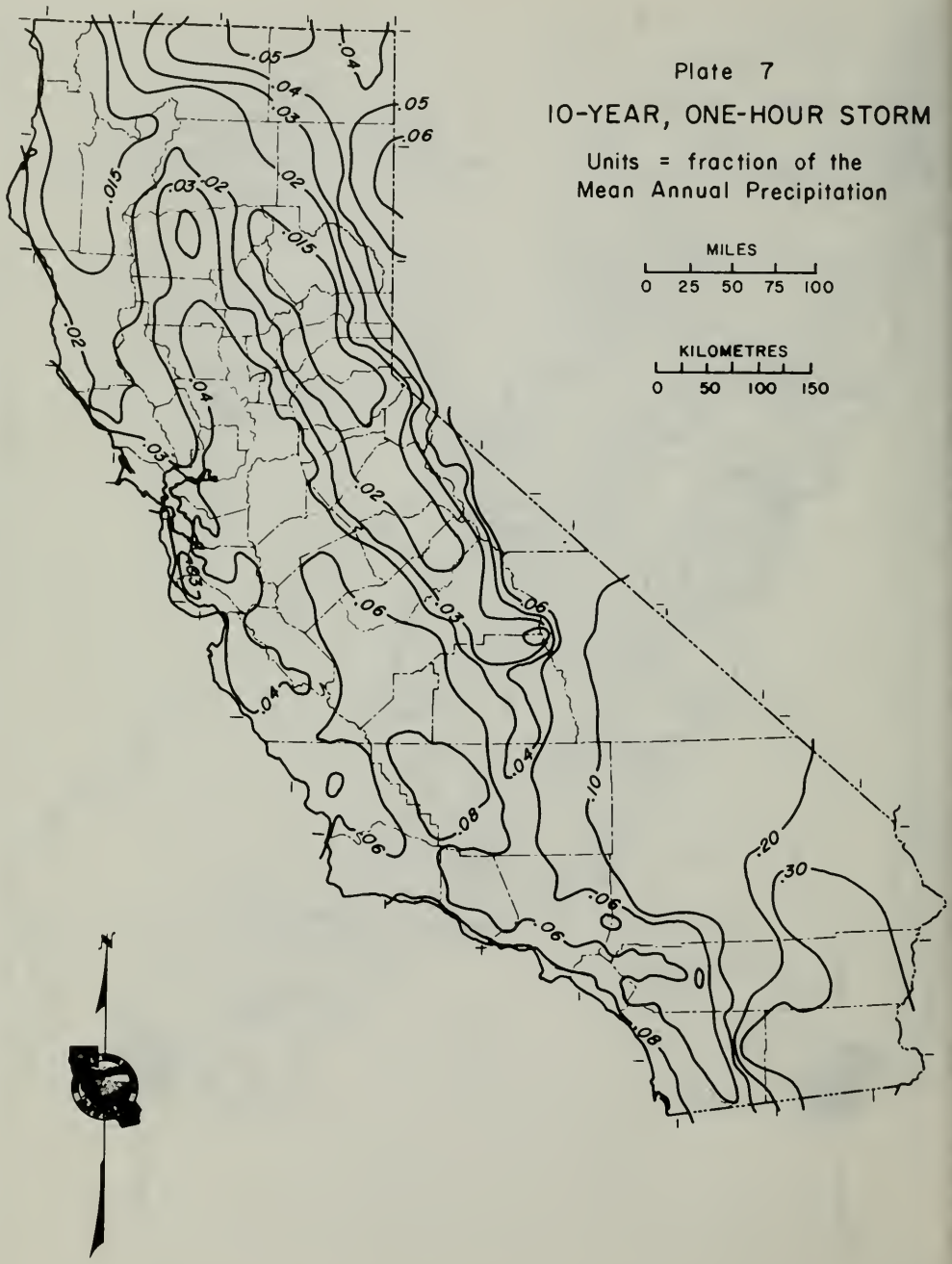


Plate 7
10-YEAR, ONE-HOUR STORM
Units = fraction of the
Mean Annual Precipitation
MILES
0 25 50 75 100
KILOMETRES
0 50 100 150
N

June 1976

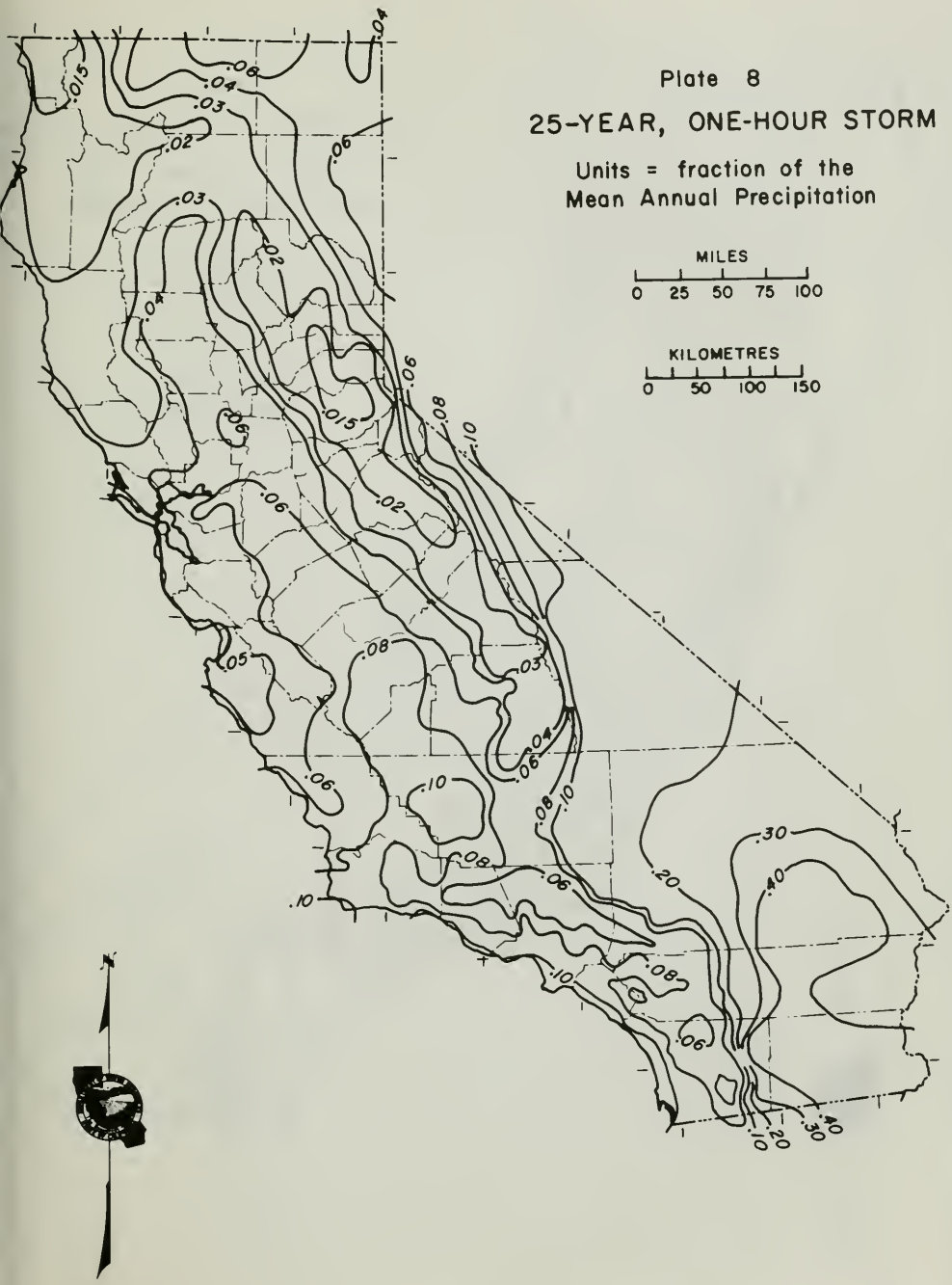


Plate 8

25-YEAR, ONE-HOUR STORM

June 1976

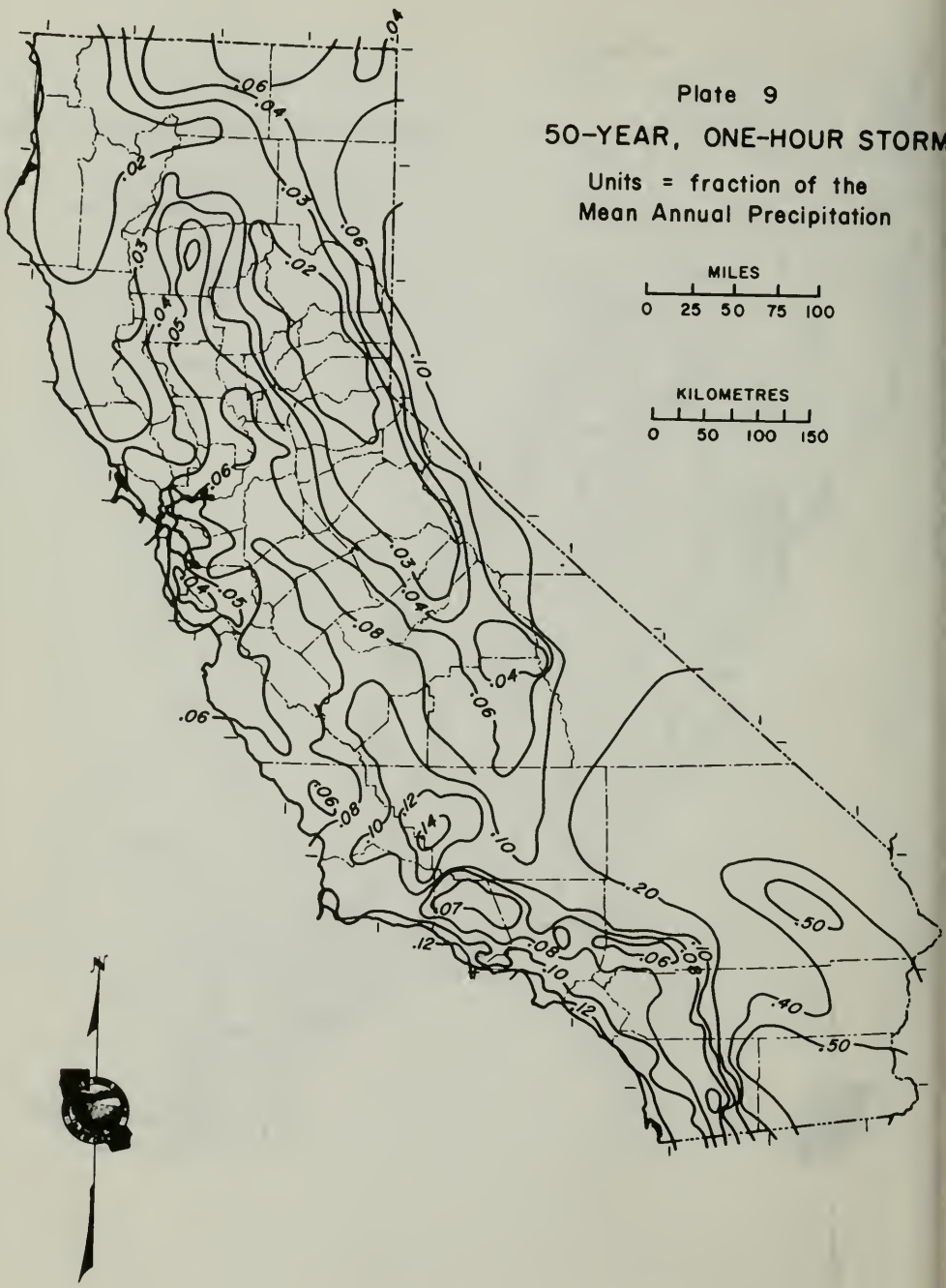


Plate 9
50-YEAR, ONE-HOUR STORM
Units = fraction of the
Mean Annual Precipitation
MILES
0 25 50 75 100
KILOMETRES
0 50 100 150
N

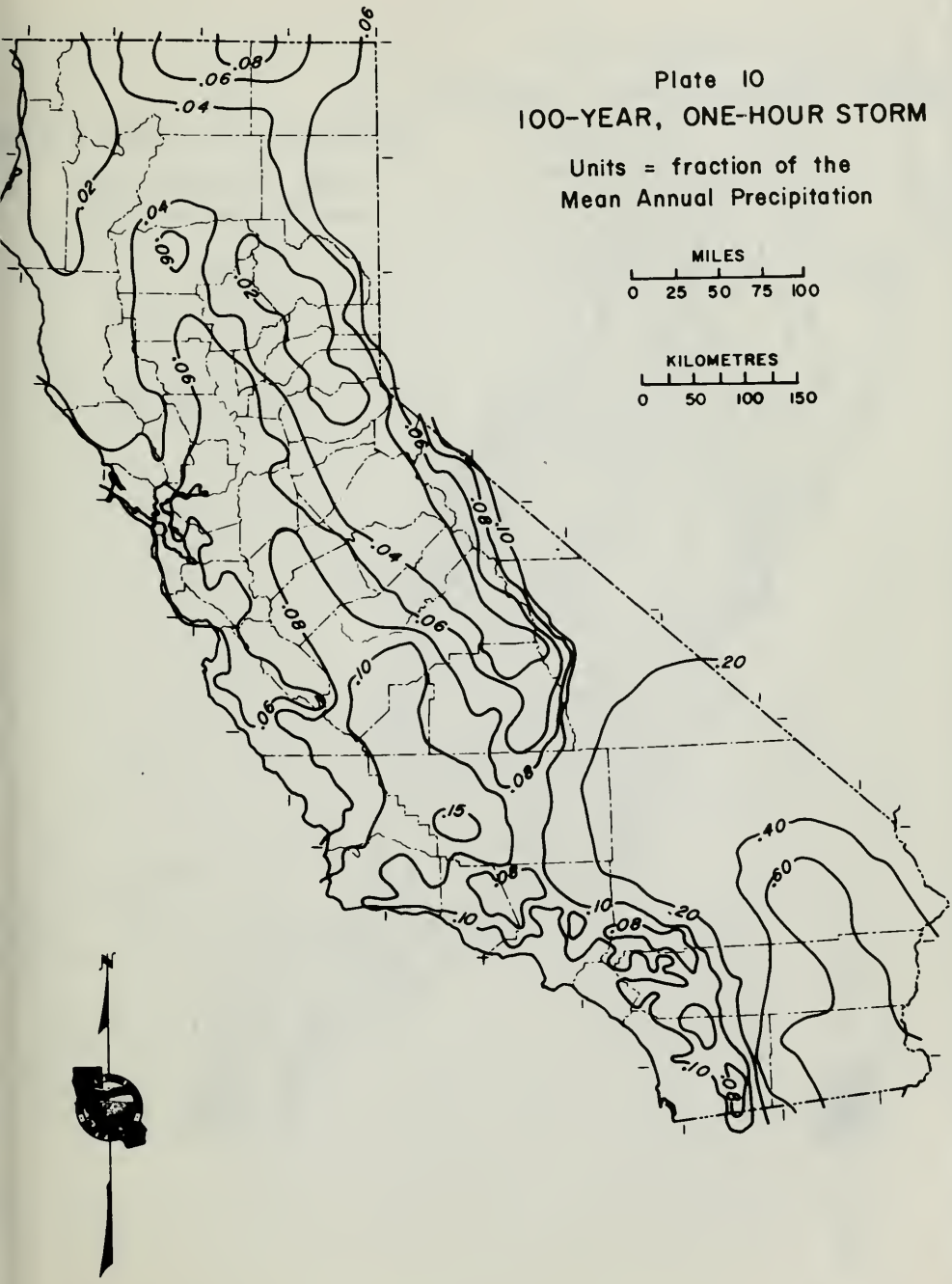


Plate 10
100-YEAR, ONE-HOUR STORM
Units = fraction of the
Mean Annual Precipitation
MILES
0 25 50 75 100
KILOMETRES
0 50 100 150
N
.06
.08
.06
.04
.02
.04
.06
.02
.06
.06
.08
.10
.04
.06
.08
.10
.06
.20
.08
.15
.40
.60
.08
.10
.10
.20
.08
.10
.08

June 1976

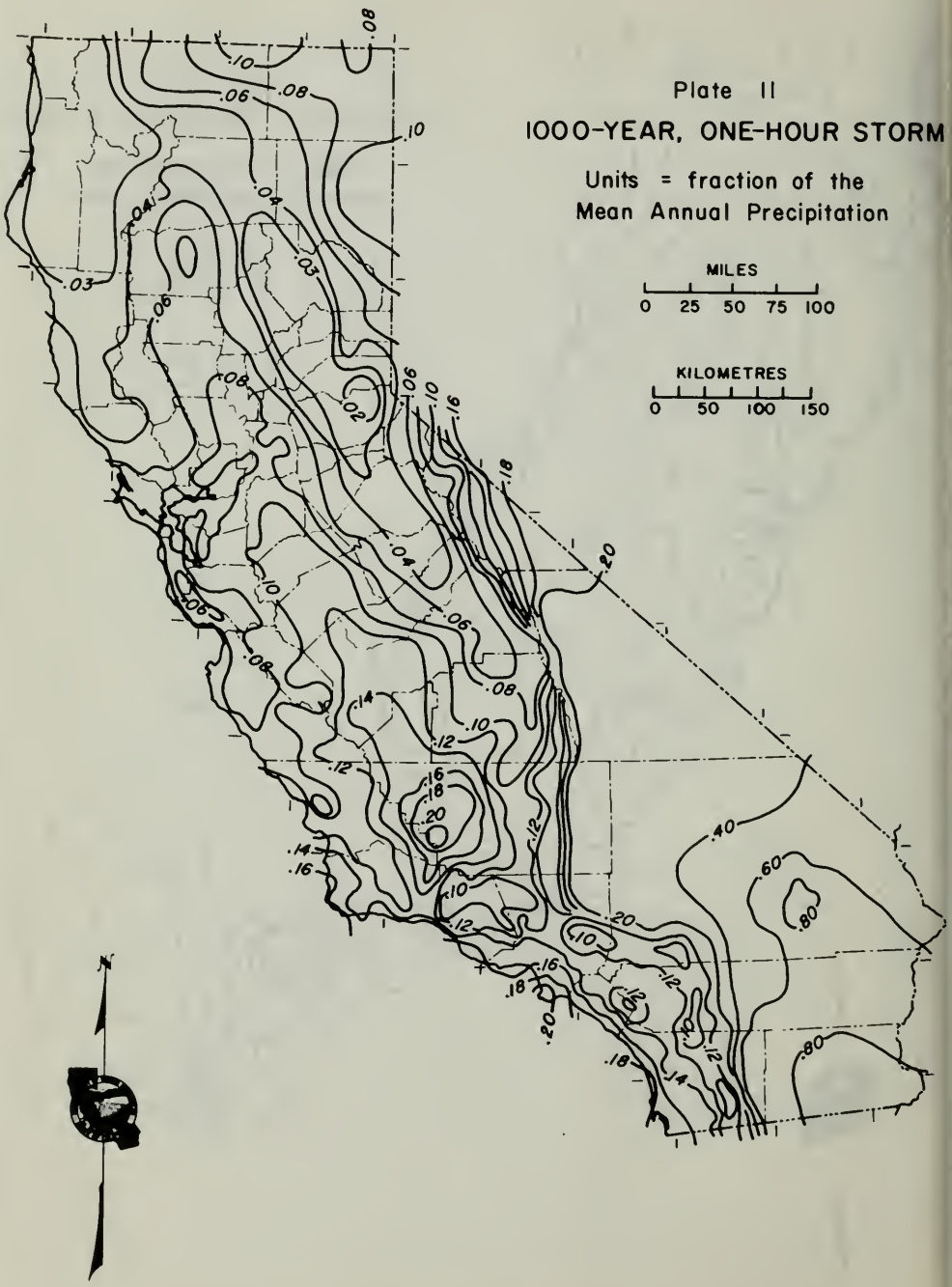


Plate II
1000-YEAR, ONE-HOUR STORM
Units = fraction of the
Mean Annual Precipitation
MILES
0 25 50 75 100
KILOMETRES
0 50 100 150
N

June 1976

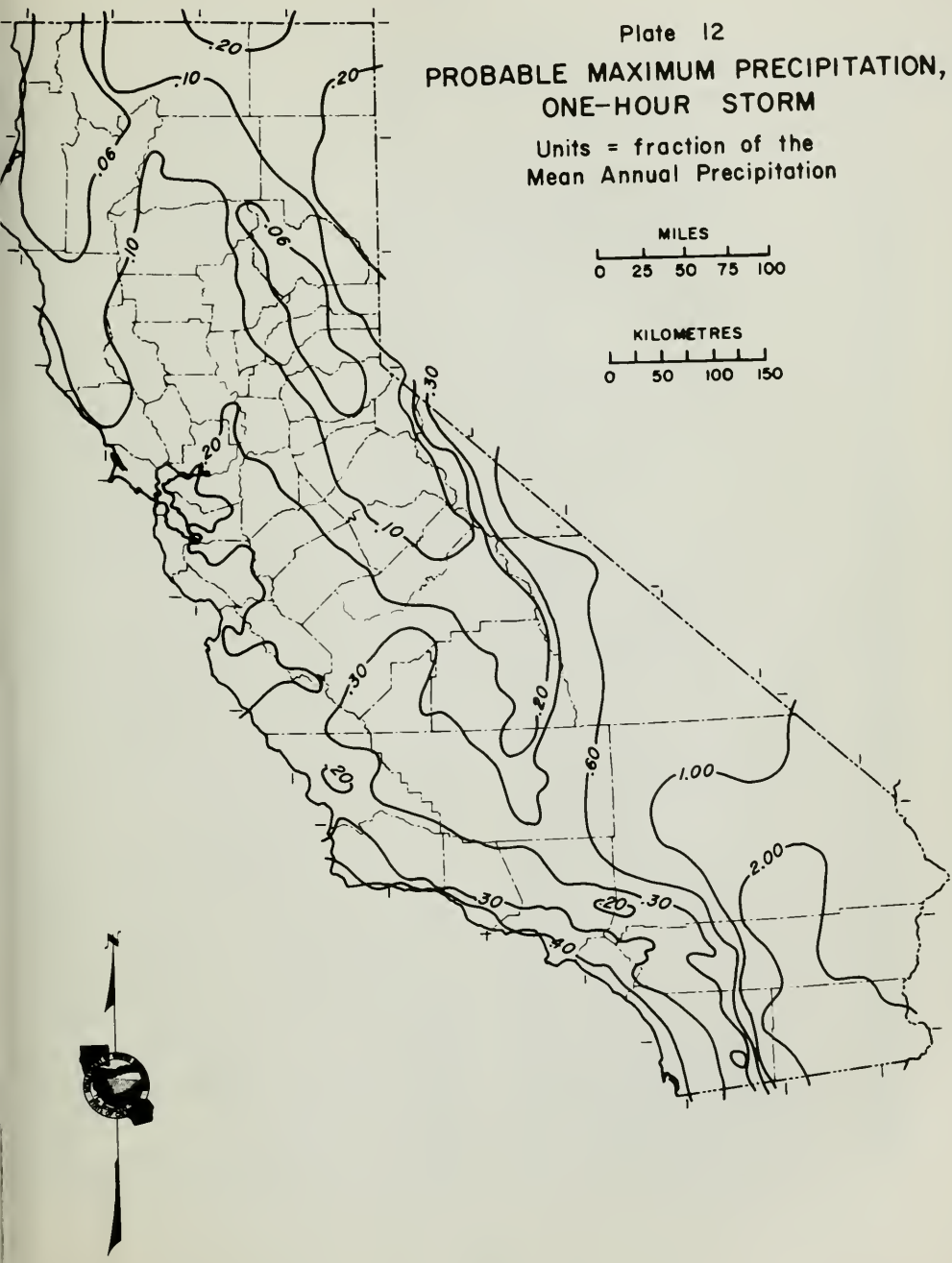


Plate 12

PROBABLE MAXIMUM PRECIPITATION, ONE-HOUR STORM

Units = fraction of the Mean Annual Precipitation

June 1976

INDEX 1

Hourly Rain Gage Stations by
Alphabetic Order

Station	Page	Station	Page
Acton Escondido	193	Big Hill SMUD	121
Airfield Hunter-Legget	309	Big Pines Rec Cen	260
Aliso Canyon	202	Birmington Gen Hosp	207
Almanor CL 1	352	Bishop AP NWS	150
Almanor CL 5	353	Black Butte Dam	600
Almanor CL 6	602	Blue Canyon AP NWS	350
Almanor FR 1	603	Blythe	366
Almanor FR 3	354	Boron	179
Almanor FR 7	355	Borrego Co Rd Sta	448
Almanor MH 1	356	Boulder Creek	557
Almanor SM 4	186	Boulder Creek RRNG	558
Almanor WW 2	357	Bouquet Canyon	194
Almanor WW 4	187	Bowman Dam	319
Almanor WW 6	188	Branch Center	389
Almanor AW 2	358	Brand Park	208
Almanor CH 2	359	Brea Dam	326
Almanor DC 4	360	Brentwood 6 SW RRNG	110
Alturas Ranger Station	296	Bridgeport	298
Amboy	423	Briggs Terrace	210
Anaheim AG Dept	331	Brookings Oregon	666
Anza S D F	388	Brooks Franham	653
Apache Camp	626	Brush Creek	100
Arroyo Del Valle	90	Bryson	310
Arroyo Grande	484	Bucks Lake	361
Arroyo Seco	300	Buellton F S	510
Atlas Road	316	Buena Vista	404
Badger	611	Buncom 2SE Oregon	668
Bailey Debris Dam	203	Burbank Valley Pump	211
Baker	412	Cachuma Dam	511
Bakersfield AP NWS	155	Cajon Junction	428
Balch Power House	140	Cajon West Summit	414
Balcom Canyon	632	Calaveras R S	107
Barstow	413	California Hot Sp	616
Basalt Nevada	660	Camarillo	633
Bear Valley	275	Camp Pardee	105
Beatty Nevada	662	Camptonville	655
Beaumont	380	Camp Wishon	617
Bel Air Hotel	205	Camulos Ranch	634
Bella Vista 4 NE	567	Capistrano Beach	346
Ben Lomond RRNG	556	Carbon Canyon Workman	411
Berkeley	84	Carmel Valley Robinson C	313
Bieber	185	Carpinteria Fire Sta	520
Biel Ranch	542	Case Springs USMC	451
Big Bear Lake Dam	427	Castaic Patrol Sta	195

INDEX 1 (Continued)

Station	Page	Station	Page
Castle Rock Rad Lab	478	Davenport RRNG	560
Castro Valley FD	85	Davis 2WSW	652
Castro Valley Ranch	534	Day	297
Castroville Treat Pl	301	Del Monte	302
Cathay	280	Del Puerto Road Camp	596
Cathedral City RD	368	Del Rosa V.S.F.S.	432
Cedar Springs	415	Desert Hot Springs	369
Chase and Taylor	373	Diamond Bar HC	264
Chatsworth Reservoir	212	Dos Pueblos Ranch	522
Chatsworth Pat Sta	213	Doulton Tunnel	523
Chico	98	Downieville	581
Chino Fire Sta 2	429	East Highlands	433
Cholame	480	El Capitan Dam	463
Chuchupate	625	El Centro 2ssW	149
Clarmont Pamona Col	262	Elizabeth Lake	196
Clear Creek School	214	Elk Grove	399
Clear Lake	181	El Modena	334
Cloverdale 11W	590	El Monte Fire Station	220
Coalinga 1SE	137	El Sereno	221
Cogswell Dam	215	Elsinore 4SSE	381
Coit Ranch	544	El Toro Automatic	335
Coffee Creek	604	Encinitas	457
Colbys	216	Escondito Park Hill	458
Cold Springs DIB BAS	521	Etiwanda	434
Colma Cr USGS	492	Etna	584
Colton City Hall	430	Eureka NWS	145
Confaglia Ranch	507	Exeter	609
Copper Oregon	669	Fairfield	588
Copperopolis	108	Fallbrook	453
Corcoran	180	Feather Falls	101
Corona Del Mar	332	Ferndale Ranch	635
Corralitos	559	Fiddletown Lynch	96
Costa Mesa	333	Figueroa Min	512
Covelo RS	282	Fillmore Fish Hatchery	636
Covina-Griffith	218	Flinn Springs	464
Crafton	431	Flint Ridge	222
Crawford Ranch	449	Florence Lake	134
Crescent City MTC STA	119	Fontana	435
Cresta Park	390	Fontana 5 N	436
Crest Line Lake	416	Fort Bragg	285
Crystal Lake	219	Fort Jones 6ESE	585
Curtner Ranch	535	Freedom 8NNW	564
Cuyamaca Reservoir ADR	462	Fresno AP NWS	138
Cuyama RS	502	Friant Government Camp	135
Daggett IENE	417	Fullerton Dam	327
Dahl Ranch	545	Fullerton Airport	328

INDEX 1 (Continued)

Station	Page
Gaviota State Park	524
Georgetown	122
Georgiana Slough Bridge	402
Giant Forest	612
Gilroy 8 NE	536
Glennville Fulton R.S.	159
Gonzalis 9ENE	410
Graham Ranch	525
Granada	497
Grant Grove	610
Grass Valley 2NNE	320
Grizzley Flat	132
Griffith Park Nur	223
Groveland	622
Haines Canyon Upper	224
Hall Canyon	637
Hamilton Branch P H	362
Hansen Dam	225
Happy Camp R S	587
Harrison Gulch R S	574
Harrison Dam	374
Haskins Ranch	546
Hat Creek RS	569
Hayfield	367
Hayward 6ESE	86
Hayward Corp Yard	87
Hearst Castle	485
Hemet Res	382
Henninger Flats	226
Henshaw	454
Herald	400
Hernandez 7SE	405
Hetch Hetchy	623
Hogees	228
Hogan Dam	106
Holiday Hill	230
Hollister	406
Hoopa	144
Hopland 8 NE	182
Hornitos USCE	276
Huasna	490
Huntington Beach	336
Huntington Lake	136
Hyapon	605
Idria	403
Idyllwild	383
Independence	151
Independence Onion V	153
Inskip Inn	102
Iron Mtn	424
Irvine Evaporation	337
Isabella Dam	160
Jalama Beach	526
Jan Drive	391
Jay Bird Springs	123
Johnson Ranch	547
Julian	465
Juncal Dam	513
Kearney Mesa	466
Kerby Oregon	670
Kilarc Powerhouse	577
King City	303
Klamath	120
Kneeland 10SSE	147
Kyburz Strawberry	124
Laguna Beach NO2	347
La Habra Heights	231
La Honda	498
Lake Mountain	608
Lakeview Oregon	665
Lake Wohlford	459
Lambert Reservoir	338
La Mesa ADR	467
La Panza Ranch	481
La Porte	363
Las Flores Ranch 201	515
Las Vegas Air Port NWS	663
Laureles Grade	304
Laytonville	283
Lechuza Patrol Sta	200
Le Grand	292
Livermore 2E	91
Livermore 5NE	92
Lockwood 2N	311
Loma Prieta	548
Lompoc 4 NE	514
Lonepine Cottonwood P H	154
Long Barn Exp Sta	624
Loomis Ranch	232
Loon Lake SMUD	125
Lopez Dam	486
Loraine	162
Los Alamitos Basin	329

INDEX 1 (Continued)

Station	Page	Station	Page
Los Alamos	508	Morgan Hill SCS	539
Los Angeles Co Sur	233	Morgan Valley	184
Los Angeles Hancock	234	Mt Baldy FC85F	265
Los Angeles Airport	236	Mt Danaher	127
Los Angeles Civic Center	237	Mt Diablo State Park RRNG	112
Lost Hills	156	Mt Hamilton	543
Lower Otay Reservoir	471	Mount Laguna USAF	450
Lower Van Vlick SMUD	126	Mt Laguna	470
Lucia Willow Springs	314	Mt Madonna	565
Luis Ranch	509	Mount Shasta City NWS	582
Lytle Creek Power House	437	Mt Tamalpais 2 SW	269
Mahnke	183	Mt Tamalpais	270
Mariposa CDF	277	Mt Toro	305
Markeleeville	95	Mt Umunhum	550
Martinez 3 SpRRNG	111	Mt Wilson	240
Maryknoll	549	Navarro INW	288
Matilija Dam	628	Navion	393
McCloud	571	Needles	425
Mc Kittrick Fire Station	177	Nevada City IN	321
Medford Oregon	667	Newbury Park	640
Mendota 1NNW	133	Newhall Ranger Station	197
Menlo Park USGS	493	Niles 1SW AC50	94
Merced	293	Nojoqui Co Park	517
Metropolitan Airport	392	Novato 8WNW	271
Michigan Bluff	351	Novato	272
Miguelito Springs	516	Oak Glen, Clapp	440
Milford Laufman RS	192	Oakland AP NWS	88
Mill Creek Intake	438	Oakville 4SW	317
Mill Valley	268	Oceanside Pump Plant	455
Milo 5 NE	618	Ontario Fire Hall	441
Minden Nevada	657	Opids Camp	241
Mineral R S	601	Orange County Reservoir	339
Mira Loma Q.M. Depot	439	Orangevale	394
Miranda Spengler Ranch	148	Orinda Filters RRNG	113
Mocho Well No. 1 AC34	93	Oroville Dam	103
Modesto	594	Oroville Ranger Station	99
Mojave River	418	Ozena Ranger Station	627
Monrovia Falls	239	Pacheco Pass	294
Montague 3NE	586	Pacifica USCG	494
Montgomery Creek	570	Pacoima Dam	243
Montgomery H M S Nevada	661	Palmdale	259
Moorpark 3 SE	638	Palo Alto City Hall	551
Moorpark 3 NNW	639	Palo Cedro 2 N	578
Morena Dam	472	Palomar Mtn OBS	452
Morgan Hill 6 WSW	537	Parker	426
Morganhill Bossana	538	Parkfield 8 NNW	142

INDEX 1 (Continued)

Station	Page	Station	Page
Pasadena Cal Tec	244	San Bruno Mountain	495
Paskenta R S	597	Sandburg	198
Paso Robles	482	San Diego AP NWS	468
Penitencia Water TP	552	San Emigdio Ranch	157
Pescadero	499	San Felipe Bell	540
Petaluma FS2	589	San Francisco AP NWS	496
Piedmont F S	89	San Francisco FOB NWS	474
Pigeon Pass	375	San Gabriel Dam	249
Piedra Blanca G S	642	San Jacinto RS	384
Pine Flat Dam	141	San Joaquin Exp Range	266
Piru Canyon Above Lake	643	San Jose City	553
Placerville DSP PL	128	San Juan Bautista 3 SSE	408
Plumas Eureka St Park	364	San Juan Guard Station	348
Point Arena	286	San Luis Obispo Poly	487
Point Reyes	267	San Marcos Pass	527
Portola	365	San Marcos Trout	528
Potter Valley 3NNW	289	San Nicolas Island	651
Potter Valley 3SE	290	Santa Ana OCFCD	340
Poway Co Rd Sta	461	Santa Anna River PH3	444
Prado Dam	376	Santa Barbara	529
Princeton Pump Sta	500	Santa Barbara FCD	530
Prunedale Echo Valley	306	Santa Barbara Co Rd Lab	531
Puddingstone Dam	245	Santa Cruz RRNG	561
Puente Hills	246	Sante Fe Dam	251
Rancho Cordova	395	Santa Margarita Booster	483
Rancho Murietta	401	Santa Maria AP NWS	503
Red Bluff Airport NWS	598	Santa Maria Road Yard	504
Redding 1SE	568	Santa Susana	644
Redlands, Roth	442	Santa Ynez	518
Redwood Valley	291	Santiago Dam	341
Reno AP NWS	323	Santiago Peak RC 156	387
Richmond Sunset	476	Saticoy Fire Station	645
Riverside FCD	377	Scarpers Peak	501
Riverside Citrus Exp Sta	378	Schlein R. S. Smud	129
Rogers Canyon	247	Search Light Nevada	664
Running Springs	419	Sebastopol	591
Sacramento AP	396	Selby Ranch	629
Sacramento City NWS	397	Sepulveda Dam	252
St. Helena 4WSW	318	Shasta Dam	572
Saint Helena 7 NE	315	Sierra Power House	445
St Marys College RRNG	114	Sierraville R S	580
Salinas Country Club	307	Signal Hill	253
San Anselmo	273	Silverado R S	342
San Benito	407	Silver Lake AP	420
San Bernardino 1B	443	Simi 3 E	646

INDEX 1 (Continued)

Station	Page	Station	Page
Sisquoc Fire Sta	505	The Geysers	592
Skyloma H M S	491	Thermal AP	371
Skyline Summit	562	Thousand Oaks	649
Slack Canyon	308	Three Rivers 6SE	614
Snow Ranch USCE	595	Three Rivers PH N01	615
Soda Springs	322	Tiger Creek PH	97
Somis 2 NNW	647	Tonopah Nevada	659
Somis 5 WNW	648	Topanga Pat Sta	201
Sonora Junction	299	Trabuco Canyon	349
Soquel RRNG	563	Tracy 2 SSE	477
South East Farallon	473	Trinity Center	606
Spadra Pac Col	254	Truckee R S	325
Springville R S	619	Tujunga Mill Creek	199
Springville Tule HDWKS	620	Tulelake	583
Stanwood DR Fire Sta	532	Tustin Automatic	343
Stayton Mine	295	Twin Pines	372
Stewart Canyon	630	United Technology C	555
Stirling City R S	104	Upland FC6508	446
Stockton Disposal Plant	479	Upper Franklin Res	256
Stony Gorge Reservoir	143	Upper San Leandro Filters	115
Stubchaer Res	533	Upper Toro Creek	489
Success Dam	621	Upper Tres Pinos	409
Summit	421	Upper Van Vlick SMUD	130
Sun City S D F	385	Valleton	312
Sunset Beach State Park	566	Van Nuys	257
Surf 2 ENE	519	Venado	593
Susanville 1 WNW	191	Ventura County Airport	641
Taft	178	Victorville	422
Tanbark Flats	255	Villa Park Dam	344
Tachevah Dam	370	Vineyard Ranch	460
Tehachapi No. 1	163	Vollmers	573
Tehachapi No. 2	164	Volta Power House	579
Tehachapi No. 4	165	Walnut Creek 2 ENE	116
Tehachapi No. 6	166	Walnut Creek 2NE	117
Tehachapi No. 9	167	Warmer Springs	456
Tehachapi No. 12	168	Wasioja Forbes Rch	506
Tehachapi No. 13	169	Waterman GD Sta	258
Tehachapi No. 16	170	Wawona RS	278
Tehachapi No. 18	171	Weaverville	607
Tehachapi No. 20	172	Weideman Ranch RRNG	118
Tehachapi No. 26	173	Weldon 1 WSW	161
Tehachapi No. 28	174	Wellington R S Nevada	658
Tehachapi No. 30	175	Westminster	345
Tehachapi AP	176	Westwood	189
Terminous Dam	613	Wheatland 2NE	654
Termo	190	Wheeler Ridge	158

INDEX 1 (Continued)

Station	Page	Station	Page
Wheller SP 2SSW	631	Woodacre	274
Wheller Springs 7N	650	Woodcrest SDF	379
Whiskeytown	575	Wrights Lake Smud	131
White Rock Preston	281	Yorba Reservoir	330
Williams	109	Yorkville	287
Williams Ranch	576	Yosemite N P	279
Willits Howard RS	284	Yucaipa Water Co	447
Winchester	386	Yuma Arizona AP NWS	676

INDEX 2

Hourly Rain Gage Stations
by Drainage Areas

Drainage Province*		
Hydrologic Unit*	Station**	Page
	Sacramento River Basin	
Valley Floor A00	Bella Vista 4 NE	567
	Branch Center	389
	Chico	98
	Cresta Park	390
	Davis 2WSW	652
	Jan Drive	391
	Metropolitan Airport	392
	Navion	393
	Orangevale	394
	Oroville Ranger Station	99
	Paskenta R S	597
	Rancho Cordova	395
	Red Bluff Airport NWS	598
	Redding 1SF	568
	Sacramento AP	396
	Sacramento City NWS	397
	Wheatland 2NE	654
	Williams	109
Pit River A10	Alturas	296
	Bieber	185
	Day	297
	Hat Creek	369
	Lakeview Oregon	665
	Montgomery Creek	570
Shasta Lake A20	McCloud	571
	Mt. Shasta City NWS	582
	Shasta Dam	572
	Vollmers	573
Valley Westside A30	Black Butte Dam	600
	Harrison Gulch R S	574
	Stony Gorge Reservoir	143
	Whiskeytown	575
	Williams Ranch	576

*Shown on Plate 1.

**Some abbreviations are explained in "Key to Station Descriptions".

INDEX 2 (Continued)

Drainage Province		
Hydrologic Unit	Station	Page
	Sacramento River Basin (Continued)	
Valley Northeast A40	Kilarc Powerhouse	577
	Mineral R S	601
	Palo Cedro 2 N	578
	Volta Power House	579
Feather River A50	Almanor CL 1	352
	Almanor CL 5	353
	Almanor CL 6	602
	Almanor FR 1	603
	Almanor FR 3	354
	Almanor FR 7	355
	Almanor MH 1	356
	Almanor SM 4	186
	Almanor WW 2	357
	Almanor WW 4	187
	Almanor WW 6	188
	Almanor AW 2	358
	Almanor CH 2	359
	Almanor DC 4	360
	Brush Creek	100
	Bucks Lake	361
	Feather Falls	101
	Hamilton Branch P H	362
	Inskip Inn	102
	La Porte	363
	Oroville Dam	103
	Plumas Eureka St Park	364
	Portola	365
	Sierraville R S	580
	Stirling City R S	104
	Westwood	189
Yuba - Bear Rivers A60	Bowman Dam	319
	Camptonville	655
	Downieville	581
	Grass Valley 2NNE	320
	Nevada City 1N	321
American River A70	Big Hill SMUD	121
	Blue Canyon AP NWS	350
	Georgetown	122
	Jay Bird Springs	123
	Kyburz Strawberry	124

Drainage Province		
Hydrologic Unit	Station	Page
	Sacramento River Basin (Continued)	
American River (Continued)	Loon Lake SMUD	125
	Lower Van Vlick SMUD	126
	Michigan Bluff	351
	Mt Danaher	127
	Placerville DSP PL	128
	Schlein R S SMUD	129
	Soda Springs	322
	Upper Van Vlick SMUD	130
	Wrights Lake SMUD	131
Cache Creek A80	Brooks Franham	653
	Clear Lake	181
	Hopland 8 NE	182
	Mahnke	183
	Morgan Valley	184
Putah Creek A90	St Helena 7 NE	315
	San Joaquin River Basin	
Valley Floor B00	Elk Grove	399
	Herald	400
	Le Grand	292
	Mendota 1NNW	133
	Merced	293
	Modesto	594
	Rancho Murietta	401
	Snow Ranch USCE	595
	Tracy 2 SSE	477
Cosumnes River B10	Fiddletown Lynch	96
	Grizzley Flat	132
Mokelumne - Calaveras Rivers B20	Camp Pardee	105
	Hogan Dam	106
	Tiger Creek PH	97
Stanislaus River B30	Calaveras R S	107
	Copperopolis	108
Tuolumne River B40	Groveland	622
	Hetch Hetchy	623
	Long Barn Exp Sta	624

INDEX 2 (Continued)

Drainage Province		
Hydrologic Unit	Station	Page
	San Joaquin River Basin (Continued)	
Merced River B50	Bear Valley	275
	Hornitos USCE	276
	Mariposa CDF	277
	Wawona RS	278
	Yosemite N P	279
Fresno-Chowchilla Rivers B60	Cathay	280
	White Rock Preston	281
San Joaquin Rivers B70	Florence Lake	134
	Friant Government Camp	135
	Huntington Lake	136
	San Joaquin Exp Range	266
Valley Westside B80	Brentwood 6 SW RRNG	110
	Castle Rock Rad Lab	478
	Del Puerto Road Camp	596
	Idria	403
	Pacheco Pass	293
	Stayton Mine	295
Sacramento-San Joaquin Delta B90	Stockton Disposal Plant	479
	Georgiana Slough Bridge	402
	Tulare Lake Basin	
Valley Floor C00	Bakersfield AP NWS	155
	Coalinga 1SE	137
	Corcoran	180
	Exeter	609
	Fresno AP NWS	138
	Lost Hills	156
	San Emigdio Ranch	157
	Wheeler Ridge	158
Kings River C10	Balch Power House	140
	Grant Grove	610
	Pine Flat Dam	141
Kaweah River C20	Badger	611
	Giant Forest	612
	Terminous Dam	613

Drainage Province		
Hydrologic Unit	Station	Page
	Tulare Lake Basin (Continued)	
Kaweah River (Continued)	Three Rivers 6SE	614
	Three Rivers PH No 1	615
Tule River C30	California Hot Sp	616
	Camp Wishon	617
	Milo 5 NE	618
	Springville R S	619
	Springville Tule HDWKS	620
	Success Dam	621
Greenhorn Mountain C40	Glennville Fulton R S	159
Kern River C50	Isabella Dam	160
	Weldon 1 WSW	161
Tehachapi Mountains C60	Loraine	162
	Tehachapi No 1	163
	Tehachapi No 2	164
	Tehachapi No 4	165
	Tehachapi No 6	166
	Tehachapi No 9	167
	Tehachapi No 12	168
	Tehachapi No 13	169
	Tehachapi No 16	170
	Tehachapi No 18	171
	Tehachapi No 20	172
	Tehachapi No 26	173
	Tehachapi No 28	174
	Tehachapi No 30	175
	Tehachapi AP	176
Basin Westside C70	Chuchupate	625
	Mc Kittrick Fire Station	177
	Parkfield 8 NNW	142
	Taft	178
	Central Coastal Area (North	
Santa Cruz Coast D00	Ben Lomond RRNG	556
	Boulder Creek	557
	Boulder Creek RRNG	558
	Corralitos	559

INDEX 2 (Continued)

Drainage Province		
Hydrologic Unit	Station	Page
Central Coastal Area (North) (Continued)		
Santa Cruz Coast (Continued)	Davenport RRNG	560
	Santa Cruz RRNG	561
	Skyline Summit	562
	Soquel RRNG	563
Pajaro-San Benito Rivers D10	Buena Vista	404
	Castro Valley Ranch	534
	Curtner Ranch	535
	Freedom 8NNW	564
	Gilroy 8NE	536
	Hernandez 7 SE	405
	Hollister	406
	Morgan Hill 6 WSW	537
	Morgan Hill Bossana	538
	Morgan Hill SCS	539
	Mt Madonna	565
	San Benito	407
	San Felipe Bell	540
	San Juan Bautista 3 SSE	408
	Sunset Beach State Park	466
	Upper Tres Pinos	409
Lower Salinas River D20	Arroyo Seco	300
	Castroville Treat Pl	301
	Del Monte	302
	Gonzales 9 ENE	410
	King City	303
	Laureles Grade	304
	Mt Toro	305
	Prunedale Echo Valley	306
	Salinas Country Club	307
	Slack Canyon	308
Upper Salinas River D30	Airfield Hunter-Legget	309
	Bryson	310
	Lockwood 2N	311
	Valleton	312
Monterey Coast D40	Carmel Valley Robinson C	313
	Lucia Willow Springs	314

INDEX 2 (Continued)

Drainage Province		
Hydrologic Unit	Station	Page
	San Francisco Bay Area	
San Francisco Bay E00	South East Farallon	473
Coast-Marin E10	Point Reyes	267
Marin-Sonoma E20	Mill Valley	268
	Mt Tamalpais 2 SW	269
	Mt Tamalpais	270
	Novato 8WNW	271
	Novato	272
	Petaluma FS2	589
	San Anselmo	273
Napa-Solano E30	Atlas Road	316
	Fairfield	588
	Oakville 4SW	317
	St Helena 4 WSW	318
East Bay E40	Berkeley	84
	Castro Valley F D	85
	Hayward 6ESE	86
	Hayward Corp Yard	87
	Martinez 3 S RRNG	111
	Mt Diablo State Park RRNG	112
	Oakland AP NWS	88
	Orinda Filters RRNG	113
	Piedmont F S	89
	St Marys College RRNG	114
	Upper San Leandro Filters	115
	Walnut Creek 2ENE RRNG	116
	Walnut Creek 2NE	117
Alameda Creek E50	Arroyo Del Valle	90
	Biel Ranch	542
	Livermore 2E	91
	Livermore 5NE	92
	Mocho Well No 1	193
	Mt Hamilton	543
	Niles 1SW	94
	Wideman Ranch RRNG	118
Santa Clara Valley E60	Coit Ranch	544
	Dahl Ranch	545
	Haskins Ranch	546

INDEX 2 (Continued)

Drainage Province		
Hydrologic Unit	Station	Page
	San Francisco Bay Area (Continued)	
Santa Clara Valley (Continued)	Johnson Ranch	547
	Loma Prieta	548
	Maryknoll	549
	Mt Umunhum	550
	Palo Alto City Hall	551
	Penitencia Water T P	552
	San Jose City	553
	Skyloma H M S	491
	United Technology C	555
Bayside-San Mateo E70	Colma Cr USGS	492
	Menlo Park USGS	493
	Pacifica USCG	494
	San Bruno Mountain	495
	San Francisco A P NWS	496
	San Francisco FOB NWS	474
Coast-San Mateo E80	Granada	497
	La Honda	498
	Pescadero	499
	Princeton Pump Sta	500
	Richmond Sunset	476
	Scarpers Peak	501
	North Coastal Area	
Smith River F00	Brookings Oregon	666
	Crescent City MTC Sta	119
Lost River - Butte Valley F10	Medford Oregon	667
	Tulelake	583
Shasta-Scott Valleys F20	Etna	584
	Fort Jones 6ESE	585
	Montague 3NE	586
Klamath River F30	Buncom 2SE Oregon	668
	Copper Oregon	669
	Happy Camp R S	587
	Kerby Oregon	670
	Klamath	120

INDEX 2 (Continued)

Drainage Province		
Hydrologic Unit	Station	Page
	San Francisco Bay Area (Continued)	
Trinity River F40	Coffee Creek	604
	Hoopa	144
	Hyapon	605
	Trinity Center	606
	Weaverville	607
Eel River F50	Covelo R S	282
	Eureka NWS	145
	Kneeland 10SSE	147
	Lake Mountain	608
	Laytonville	283
	Miranda Spengler Ranch	148
	Willits Howard R S	284
Mendocino Coast F80	Fort Bragg	285
	Point Arena	286
	Yorkville	287
Russian River F90	Cloverdale 11W	590
	Navarro 1NW	288
	Potter Valley 3NNW	289
	Potter Valley 3SE	290
	Redwood Valley	291
	Sebastopol	591
	The Geysers	592
	Venado	593
	Woodacre	274
	North Lahontan River	
Madeline Plains G20	Termo	190
Susan River G40	Susanville 1WNW	191
Herlong G60	Milford Laufman RS	192
Truckee River G70	Reno AP NWS	323
	Truckee R S	325
Carson River G80	Markleeville	95
	Minden Nevada	657

INDEX 2 (Continued)

Drainage Province			
Hydrologic Unit		Station	Page
		North Lahontan River (Continued)	
Walker River	G90	Bridgeport	298
		Sonora Junction	299
		Wellington R S Nevada	658
		Central Coastal Area (South)	
Salinas	T09	Cholame	480
		La Panza Ranch	481
		Paso Robles	482
		Santa Margarita Booster	483
San Luis Obispo	T10	Arroyo Grande	484
		Hearst Castle	485
		Lopez Dam	486
		San Luis Obispo Poly	487
		Upper Toro Creek	489
Santa Maria-Cuyama	T12	Apache Camp	626
		Cuyama R S	502
		Huasna	490
		Ozena Ranger Station	627
		Santa Maria AP NWS	503
		Santa Maria Road Yard	504
		Sisquoc Fire Sta	505
		Wasioja Forbes Rch	506
San Antonio	T13	Confaglia Ranch	507
		Los Alamos	508
		Luis Ranch	509
Santa Ynez	T14	Buellton F S	510
		Cachuma Dam	511
		Figueroa Mtn	512
		Juncal Dam	513
		Lompoc 4 NE	514
		Las Flores Ranch	515
		Miguelito Springs	516
		Nojoqui Co Park	517
		Santa Ynez	518
		Surf 2 ENE	519
Santa Barbara	T15	Carpinteria Fire Sta	520
		Cold Springs DIB BAS	521

INDEX 2 (Continued)

Drainage Province		
Hydrologic Unit	Station	Page
	Central Coastal Area (South) (Continued)	
Santa Barbara (Continued)	Dos Pueblos Ranch	522
	Doulton Tunnel	523
	Gaviota State Park	524
	Graham Ranch	525
	Jalama Beach	526
	San Marcos Pass	527
	San Marcos Trout Cl	528
	Santa Barbara	529
	Santa Barbara FCD	530
	Santa Barbara Co Rd LAB	531
	Stanwood Dr Fire Sta	532
	Stubchaer Res	533
	Los Angeles	
Ventura River U02	Matilija Dam	628
	Selby Ranch	629
	Stewart Canyon	630
	Wheller SP 2SSW	631
Santa Clara-Calleguas U03	Acton Escondido	193
	Balcom Canyon	632
	Bouquet Canyon	194
	Camarillo	633
	Camulos Ranch	634
	Castiac Patrol Sta	195
	Elizabeth Lake	196
	Ferndale Ranch	635
	Fillmore Fish Hatchery	636
	Hall Canyon	637
	Moorpark 3 SE	638
	Moorpark 3 NNW	639
	Newbury Park	640
	Newhall Ranger Station	197
	Ventura County Airport	641
	Piedra Blanca G S	642
	Piru Canyon Above Lake	643
	Sandburg NWS	189
	Santa Susana	644
	Saticoy Fire Station	645
	Simi 3 E	646
	Somis 2 NNW	647
	Somis 5 WNW	648

INDEX 2 (Continued)

Drainage Province		
Hydrologic Unit	Station	Page
	Los Angeles (Continued)	
Santa Clara-Calleguas (Continued)	Thousand Oaks	649
	Tujunga Mill Creek	199
	Wheller Springs 7N	650
Malibu U04	Lechuza Patrol Sta	200
	Topanga Patrol Sta	201
Los Angeles-San Gabriel Rivers U05	Aliso Canyon	202
	Bailey Debris Dam	203
	Bel Air Hotel	205
	Birmington Gen Hosp	207
	Brand Park	208
	Brea Dam	326
	Briggs Terrace	210
	Burbank Valley Pump	211
	Carbon Canyon Workman	411
	Chatsworth Reservoir	212
	Chatsworth Pat Sta	213
	Clear Creek School	214
	Cogswell Dam	215
	Colbys	216
	Covina-Griffith	218
	Crystal Lake	219
	El Monte Fire Station	220
	El Sereno	221
	Flint Ridge	222
	Fullerton Dam	327
	Fullerton Airport	328
	Griffith Park Nur	223
	Haines Canyon Upper	224
	Hansen Dam	225
	Henninger Flats	226
	Hogees	228
	Holiday Hill	230
	La Habra Heights	231
	Loomis Ranch	232
	Los Alamitas Basin	329
	Los Angeles Co Sur	233
	Los Angeles Hancock	234
	Los Angeles Airport	236
	Los Angeles Civic Center	237
	Monrovia Falls	239
	Mt Wilson	240

INDEX 2 (Continued)

Drainage Province		
Hydrologic Unit	Station	Page
	Los Angeles (Continued)	
Los Angeles-San Gabriel Rivers (Continued)	Opids Camp	241
	Pacoima Dam	243
	Pasadena Cal Tec	244
	Puddingstone Dam	245
	Puente Hills	246
	Rogers Canyon	247
	San Gabriel Dam	249
	Santa Fe Dam	251
	Sepulveda Dam	252
	Signal Hill	253
	Spadra Pac Col	254
	Tanbark Flats	255
	Upper Franklin Res	256
	Van Nuys	257
	Waterman Gd Sta	258
	Yorba Reservoir	330
San Pedro Channel Islands U06	San Nicolas Island	651
	South Lahontan	
Owens Valley W00	Tonopah Nevada	659
Owens W03	Basalt Nevada	660
	Bishop AP NWS	150
	Independence	151
	Independence Onion V	153
	Lonepine Cottonwood P H	154
	Montgomery H M S	661
Amargosa W09	Beatty Nevada	662
Ivanpah W12	Las Vegas Airport NWS	663
Antelope W26	Boron	179
	Palmdale	259
Mojave W28	Baker	412
	Barstow	413
	Big Pines Rec Cen	259
	Cajon West Summit	414
	Cedar Springs	415
	Crest Line Lake	416

INDEX 2 (Continued)

Drainage Province		
Hydrologic Unit	Station	Page
	South Lahontan (Continued)	
Mojave (Continued)	Daggett 1ENE	417
	Mojave River	418
	Running Springs	419
	Silver Lake A P	420
	Summit	421
	Victorville	422
	Colorado River Basin	
Bristol X10	Amboy	423
Ward X12	Iron Mtn	424
Piute X13	Needles	425
	Searchlight Nevada	664
Chemehuevis X14	Parker	426
Colorado X15	Blythe	366
Hayfield X18	Hayfield	367
Whitewater X19	Cathedral City RD	368
	Desert Hot Springs	369
	Tachevah Dam	370
	Thermal AP	371
	Twin Pines	372
Anza-Borrego X22	Borrego Co Rd Sta	448
	Crawford Ranch	449
	Mount Laguna USAF	450
Imperial X23	El Centro 2SSW	149
Yuma X27	Yuma Arizona AP NWS	656
	Santa Ana	
Santa Ana River Y01	Anaheim AG Dept	331
	Big Bear Lake Dam	427
	Cajon Junction	428
	Chino Fire Sta 2	429
	Claremont Pomona Col	262
	Colton City Hall	430

INDEX 2 (Continued)

Drainage Province		
Hydrologic Unit	Station	Page
	Santa Ana (Continued)	
Santa Ana River (Continued)	Corona Del Mar	332
	Chase and Taylor	373
	Costa Mesa	333
	Crafton	431
	Del Rosa V.S.F.S.	432
	Diamond Bar H C	264
	East Highlands	433
	El Modena	334
	El Toro Automatic	335
	Etiwanda	434
	Fontana	435
	Fontana 5 N	436
	Harrison Dam	374
	Huntington Beach	336
	Irvine Evaporation	337
	Lambert Reservoir	338
	Lytle Creek Power House	437
	Mill Creek Intake	438
	Mira Loma Q.M. Depot	439
	Mt Baldy FC85F	265
	Oak Glen, Clapp	440
	Ontario Fire Hall	441
	Orange County Reservoir	339
	Pigeon Pass	375
	Prado Dam	376
	Redlands, Roth	442
	Riverside FCD	377
	Riverside Citrus Exp Sta	378
	San Bernardino 1B	443
	Santa Ana OCFCD	340
	Santa Ana River PH3	444
	Santiago Dam	341
	Sierra Power House	445
	Silverado R S	342
	Tustin Automatic	343
	Upland	446
	Villa Park Dam	344
	Westminster	345
	Woodcrest S D F	379
	Yucaipa Water Co.	447
San Jacinto Valley Y02	Beaumont	380
	Elsinore 4SSE	381
	Hemet Res	382

INDEX 2 (Continued)

Drainage Province		
Hydrologic Unit	Station	Page
	Santa Ana (Continued)	
San Jacinto Valley (Continued)	Idyllwild	383
	San Jacinto RS	384
	Sun City S D F	385
	Winchester	386
	San Diego	
San Juan Z01	Capistrano Beach	346
	Case Springs USMC	451
	Laguna Beach No 2	347
	San Juan Guard Station	348
	Santiago Peak	387
	Trabuco Canyon	349
Santa Margarita Z02	Anza S D F	388
	Palomar Min OBS	452
San Luis Rey Z03	Fallbrook	453
	Henshaw	454
	Oceanside Pump Plant	455
	Warmer Springs	456
Carlsbad Z04	Encinitas	457
	Escondido Park Hill	458
	Lake Wohl Ford	459
San Dieguito Z05	Vineyard Ranch	460
Penasquita Z06	Poway Co Rd Sta	461
San Diego Z07	Cuyamaca Reservoir ADR	462
	El Capitan Dam	463
	Flinn Springs	464
	Julian	465
	Kearny Mesa ADR	466
Coronado Z08	La Mesa ADR	467
	San Diego AP NWS	468
Sweetwater Z09	Mt Laguna	470
Otay Z10	Lower Otay Reservoir	471
Tia Juana Z11	Morena Dam	472

TABLES OF

SHORT-DURATION PRECIPITATION

FREQUENCY DATA

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E40 693 0	BERKELEY	299		01S	03W		M	37.867	122.250	ALAMEDA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	0.93	1.04	1.09	1.46	2.29	4.02	37.13
1941	*****	*****	*****	0.57	0.85	0.91	1.16	1.83	2.05	36.48
1942	*****	*****	*****	0.37	0.51	0.61	0.90	1.55	2.50	26.76
1943	*****	*****	*****	0.45	0.58	0.85	1.18	1.75	2.65	18.33
1944	*****	*****	*****	0.56	0.94	1.08	1.29	1.34	1.83	25.98
1945	*****	*****	*****	0.55	0.64	0.85	1.57	2.27	2.71	24.22
1946	*****	*****	*****	0.37	0.52	0.63	0.92	1.29	2.01	12.81
1947	*****	*****	*****	0.85	1.09	1.25	1.53	1.97	1.97	15.00
1948	*****	*****	*****	0.68	1.16	1.28	1.43	1.57	1.99	18.71
1949	*****	*****	*****	0.27	0.40	0.56	0.99	1.09	1.17	14.91
1950	*****	*****	*****	0.53	0.56	0.71	1.23	1.57	2.90	33.57
1955	*****	*****	*****	0.44	0.77	0.90	1.55	1.74	3.07	26.52
1956	*****	*****	*****	0.45	0.54	0.69	1.14	1.33	1.76	16.80
1957	*****	*****	*****	0.57	0.77	0.96	1.37	1.72	2.07	24.36
1958	*****	*****	*****	0.88	1.05	1.46	1.83	2.07	2.57	30.30
1959	*****	*****	*****	0.47	0.82	0.98	1.58	2.15	2.55	14.49
1960	*****	*****	*****	0.25	0.49	0.66	0.87	1.43	1.59	17.62
1961	*****	*****	*****	0.46	0.68	0.86	1.11	1.66	1.96	15.01
1962	*****	*****	*****	0.58	0.95	1.37	2.18	2.69	3.95	26.38
1963	*****	*****	*****	0.64	0.91	0.99	1.15	1.40	1.52	24.67
1964	*****	*****	*****	0.51	0.86	1.27	1.91	2.15	2.55	21.65
1965	*****	*****	*****	0.56	0.59	0.62	0.92	1.14	1.49	20.87
1966	*****	*****	*****	0.39	0.64	0.73	1.32	1.56	2.29	19.67
1967	*****	*****	*****	0.39	0.66	0.92	1.48	2.50	4.52	27.68
1968	*****	*****	*****	0.50	0.83	1.08	1.71	2.11	2.65	22.37
1969	*****	*****	*****	0.98	1.41	1.86	2.74	2.81	4.13	31.78
1970	*****	*****	*****	0.58	0.90	1.14	1.51	2.67	3.98	31.45
1971	*****	*****	*****	0.29	0.57	0.80	1.14	1.18	1.30	13.25
1972	*****	*****	*****	0.40	0.69	0.89	1.43	1.67	2.00	20.68
1973	*****	*****	*****	0.57	0.86	1.22	2.26	2.97	3.57	30.83
1974	*****	*****	*****	0.49	0.79	1.02	1.66	2.37	2.40	24.37

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E40 693 0	BERKELEY	299		01S	03W		M	37.867	122.250	ALAMEDA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.56	0.76	0.93	1.34	1.72	2.29	23.01
5	0.0	0.0	0.0	0.0	0.78	1.07	1.31	1.89	2.43	3.23	30.02
10	0.0	0.0	0.0	0.0	0.94	1.28	1.57	2.26	2.90	3.86	34.06
20	0.0	0.0	0.0	0.0	1.08	1.48	1.81	2.60	3.35	4.45	37.61
25	0.0	0.0	0.0	0.0	1.13	1.54	1.88	2.71	3.49	4.64	38.67
40	0.0	0.0	0.0	0.0	1.22	1.66	2.04	2.93	3.77	5.02	40.83
50	0.0	0.0	0.0	0.0	1.26	1.72	2.11	3.04	3.91	5.20	41.82
100	0.0	0.0	0.0	0.0	1.40	1.91	2.33	3.36	4.32	5.75	44.77
200	0.0	0.0	0.0	0.0	1.53	2.08	2.55	3.68	4.73	6.29	47.56
1000	0.0	0.0	0.0	0.0	1.82	2.49	3.05	4.39	5.65	7.51	53.61
10000	0.0	0.0	0.0	0.0	2.24	3.05	3.74	5.38	6.93	9.22	61.55
PMP	0.0	0.0	0.0	0.0	4.29	5.85	7.17	10.32	13.28	17.66	141.52
MEAN	0.0	0.0	0.0	0.0	0.608	0.831	1.018	1.465	1.884	2.507	23.666
CLECK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	0.932	0.693	0.936	1.172	0.477	0.753	0.451
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.533 ; INTERCEPT (TIME=1 HOUR) =0.606 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.02*67 ; AVERAGE CALC CV / USED CV = 0.77

KURTOSIS	0.0	0.0	0.0	0.0	3.976	3.716	4.610	4.997	2.544	3.001	2.697
N	0	0	0	0	31	31	31	31	31	31	31
RECORD YEAR	0	0	0	0	1969	1969	1969	1969	1973	1967	1973
RECORD MAXIMUM	0.0	0.0	0.0	0.0	0.986	1.410	1.860	2.740	2.970	4.520	39.830
NORMALIZED MAX	0.0	0.0	0.0	0.0	1.606	2.280	2.803	2.938	2.067	2.258	2.188
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.338	0.293	0.255	0.286	0.276	0.256	0.312
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0	0.0	0.0267	0.0351	0.0430	0.0619	0.0796	0.1059	1.0000
PR10/A	0.0	0.0	0.0	0.0	0.0356	0.0540	0.0667	0.0953	0.1226	0.1631	1.4393
PR25/A	0.0	0.0	0.0	0.0	0.0475	0.0644	0.0796	0.1145	0.1473	0.1958	1.6342
PR50/A	0.0	0.0	0.0	0.0	0.0533	0.0728	0.0852	0.1284	0.1652	0.2198	1.7672
PR100/A	0.0	0.0	0.0	0.0	0.0590	0.0806	0.0943	0.1420	0.1827	0.2430	1.8917
PR1000/A	0.0	0.0	0.0	0.0	0.0770	0.1052	0.1209	0.1855	0.2386	0.3175	2.2652
PR10000/A	0.0	0.0	0.0	0.0	0.0945	0.1290	0.1481	0.2275	0.2927	0.3894	2.6007
PMP/A	0.0	0.0	0.0	0.0	0.1811	0.2473	0.3030	0.4361	0.5610	0.7463	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E40 1583 80	CASTRO VALLEY F D AC79	255						37.698	122.081	ALAMEDA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
	DURATION										
1968	0.15	0.23	0.28	0.34	0.52	0.85	1.17	1.71	2.08	2.81	16.76
1969	0.13	0.20	0.22	0.22	0.30	0.43	0.51	0.81	1.15	1.25	22.44
1971	0.30	0.35	0.38	0.38	0.56	0.89	1.04	1.20	1.37	2.37	22.38
1972	0.08	0.12	0.14	0.20	0.24	0.34	0.43	0.61	0.90	1.50	9.71
1973	0.20	0.25	0.27	0.30	0.38	0.65	0.85	1.41	1.45	1.79	26.86
1974	0.13	0.20	0.26	0.44	0.60	0.76	0.95	1.38	2.07	2.59	27.09
1975	0.12	0.22	0.28	0.36	0.41	0.70	0.92	1.06	1.20	1.25	20.02

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E40 1583 80	CASTRO VALLEY F D AC79	255						37.698	122.081	ALAMEDA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.15	0.21	0.24	0.29	0.39	0.60	0.77	1.07	1.34	1.77	20.18
5	0.20	0.29	0.34	0.41	0.55	0.85	1.08	1.51	1.88	2.50	26.32
10	0.24	0.35	0.40	0.49	0.66	1.02	1.29	1.80	2.25	2.98	29.87
20	0.28	0.40	0.46	0.57	0.76	1.17	1.49	2.07	2.59	3.44	32.98
25	0.29	0.41	0.48	0.59	0.80	1.22	1.55	2.16	2.70	3.58	33.91
40	0.32	0.45	0.52	0.66	0.86	1.32	1.68	2.34	2.92	3.88	35.81
50	0.33	0.47	0.54	0.66	0.89	1.37	1.74	2.42	3.03	4.02	36.67
100	0.36	0.51	0.60	0.73	0.99	1.51	1.92	2.68	3.35	4.44	39.25
200	0.40	0.56	0.66	0.80	1.08	1.66	2.10	2.93	3.66	4.86	41.70
1000	0.48	0.67	0.78	0.96	1.29	1.98	2.51	3.50	4.38	5.81	47.01
10000	0.58	0.82	0.96	1.18	1.58	2.43	3.08	4.30	5.37	7.12	53.97
PMP	1.12	1.58	1.84	2.25	3.03	4.65	5.91	8.23	10.29	13.65	124.09
MEAN	0.159	0.224	0.261	0.320	0.430	0.660	0.839	1.169	1.460	1.937	20.751
CLOCK HR. COE.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.446	0.567	-0.112	-0.260	-0.127	-0.658	-0.662	-0.173	0.599	0.246	-0.956
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.553 ; INTERCEPT (TIME=1 HOUR) =0.475 ; COEFFICIENT OF DETERMINATION = 0.992
1HR INTERCEPT / MEAN YR =0.022880 ; AVERAGE CALC CV / USED CV = 0.80

KURTOSIS	6.765	6.648	6.281	3.886	3.392	3.923	3.978	4.183	3.797	2.936	5.441
N	7	7	7	7	7	7	7	7	7	7	7
RECORD YEAR	1971	1971	1971	1974	1974	1971	1968	1968	1968	1968	1974
RECORD MAXIMUM	0.300	0.350	0.380	0.440	0.600	0.890	1.170	1.710	2.080	2.810	27.090
NORMILIZED MAX	1.965	1.622	1.647	1.380	1.257	1.113	1.218	1.439	1.363	1.344	1.044
CALC. COEF. VAR	0.654	0.308	0.276	0.270	0.318	0.313	0.325	0.322	0.312	0.335	0.293
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0076	0.0108	0.0126	0.0154	0.0207	0.0318	0.0404	0.0563	0.0704	0.0933	1.0000
RP10/A	0.0118	0.0166	0.0194	0.0237	0.0319	0.0490	0.0622	0.0867	0.1083	0.1437	1.4253
RP25/A	0.0141	0.0200	0.0233	0.0284	0.0383	0.0588	0.0747	0.1042	0.1301	0.1727	1.6342
RP50/A	0.0159	0.0224	0.0261	0.0320	0.0430	0.0660	0.0838	0.1168	0.1460	0.1937	1.7672
RP100/A	0.0175	0.0248	0.0289	0.0354	0.0475	0.0730	0.0927	0.1292	0.1614	0.2141	1.8917
RP1000/A	0.0229	0.0324	0.0378	0.0462	0.0621	0.0953	0.1211	0.1688	0.2109	0.2798	2.2652
RP10000/A	0.0281	0.0397	0.0463	0.0567	0.0762	0.1169	0.1485	0.2070	0.2586	0.3431	2.6007
PMP/A	0.0538	0.0761	0.0888	0.1086	0.1460	0.2241	0.2847	0.3967	0.4957	0.6576	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. PSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
E40 3P63 0	HAYWARD 6ESE	71F	21	03S	01W	N	M	37.652	121.986	ALAMEDA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	*****	*****	*****	*****	0.65	0.93	0.96	1.09	1.56	2.00	33.37
1942	*****	*****	*****	*****	0.73	1.01	1.25	1.93	3.29	4.99	30.94
1943	*****	*****	*****	*****	0.34	0.63	0.89	1.36	1.98	3.38	20.52
1944	0.12	0.20	0.27	0.40	0.75	0.97	1.27	1.55	2.20	2.85	28.00
1945	0.22	0.27	0.30	0.37	0.59	0.84	0.98	1.33	2.06	3.73	28.70
1946	0.12	0.18	0.25	0.41	0.74	1.10	1.46	2.20	3.18	3.91	18.67
1947	0.15	0.22	0.26	0.36	0.50	0.78	1.10	2.10	2.69	2.71	18.93
1948	0.13	0.18	0.23	0.33	0.53	0.78	0.92	0.98	0.98	1.57	21.81
1949	0.11	0.20	0.28	0.36	0.54	0.88	1.18	1.36	1.42	1.70	19.30
1950	0.15	0.24	0.28	0.44	0.80	1.45	1.84	3.06	5.40	7.15	43.38
1951	0.32	0.45	0.52	0.75	1.04	1.43	1.73	2.12	2.47	2.57	31.39
1952	0.44	0.57	0.69	0.92	1.15	1.52	1.80	2.25	2.56	3.91	37.56
1953	0.13	0.16	0.21	0.30	0.39	0.74	1.10	1.53	1.89	1.89	16.29
1954	0.14	0.17	0.20	0.46	0.55	0.90	1.09	1.51	1.90	2.09	22.54
1955	0.14	0.24	0.30	0.47	0.62	1.06	1.50	2.31	2.92	5.55	30.93
1956	0.11	0.15	0.23	0.43	0.53	0.73	0.85	1.21	1.43	1.68	18.85
1957	0.29	0.31	0.37	0.45	0.64	0.77	0.97	1.69	1.92	2.70	26.75
1958	0.15	0.25	0.30	0.50	0.70	0.97	1.36	1.89	2.24	3.14	34.26
1959	0.14	0.16	0.21	0.45	0.75	1.20	1.59	2.40	3.66	4.37	18.16
1960	0.13	0.15	0.16	0.28	0.47	0.76	1.03	1.60	2.12	2.14	23.41
1961	0.17	0.22	0.28	0.38	0.46	0.64	0.70	1.00	1.29	1.45	16.77
1962	0.11	0.21	0.35	0.84	1.00	1.45	2.00	3.02	5.34	9.30	31.04
1963	0.15	0.26	0.31	0.49	0.60	0.87	1.07	1.91	2.77	3.40	27.12
1964	0.11	0.21	0.28	0.50	0.68	0.98	1.10	1.39	1.96	3.26	27.41
1965	0.20	0.31	0.36	0.48	0.64	0.89	0.97	1.51	1.75	1.94	23.70
1966	0.16	0.21	0.26	0.35	0.47	0.75	0.91	1.45	1.70	1.98	15.65
1967	0.16	0.20	0.24	0.30	0.51	0.80	1.16	1.76	3.28	5.20	31.97
1968	0.19	0.22	0.31	0.42	0.66	1.05	1.23	1.64	2.19	3.07	23.83
1969	0.14	0.24	0.25	0.35	0.60	0.74	0.76	1.13	1.75	2.44	32.03
1970	0.22	0.26	0.30	0.35	0.45	0.79	0.94	1.75	3.03	4.56	37.06
1971	0.16	0.22	0.24	0.44	0.60	0.96	1.06	1.50	1.52	1.82	16.80
1972	0.11	0.14	0.20	0.30	0.40	0.63	0.85	1.48	1.61	1.62	22.00
1974	*****	*****	*****	*****	0.46	0.76	1.08	1.76	2.77	3.42	23.36

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. PSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
E40 3P63 0	HAYWARD 6ESE	71F	21	03S	01W	N	M	37.652	121.986	ALAMEDA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.15	0.21	0.27	0.41	0.57	0.85	1.07	1.57	2.19	2.99	25.12
5	0.22	0.30	0.38	0.57	0.80	1.20	1.51	2.22	3.08	4.21	32.77
10	0.26	0.36	0.45	0.68	0.96	1.44	1.81	2.65	3.68	5.02	37.18
20	0.30	0.42	0.52	0.79	1.11	1.66	2.09	3.05	4.24	5.79	41.05
25	0.31	0.43	0.54	0.82	1.15	1.72	2.17	3.18	4.42	6.04	42.22
40	0.34	0.47	0.59	0.89	1.25	1.87	2.35	3.45	4.78	6.54	44.57
50	0.35	0.49	0.61	0.92	1.29	1.93	2.44	3.57	4.96	6.77	45.65
100	0.39	0.54	0.67	1.02	1.43	2.14	2.69	3.95	5.48	7.49	48.87
200	0.42	0.59	0.74	1.12	1.56	2.34	2.95	4.32	5.99	8.19	51.91
1000	0.50	0.70	0.88	1.33	1.87	2.79	3.52	5.16	7.16	9.78	58.52
10000	0.62	0.86	1.08	1.64	2.29	3.43	4.32	6.32	8.78	12.00	67.18
PMP	1.18	1.65	2.07	3.13	4.38	6.57	8.27	12.12	16.83	22.99	154.48
MEAN	0.168	0.234	0.294	0.445	0.622	0.932	1.174	1.720	2.389	3.263	25.833
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.398	2.418	2.583	1.977	1.168	1.164	1.055	1.001	1.580	1.741	0.471
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.454 ; INTERCEPT (TIME=1 HOUR) =0.637 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.02465 ; AVERAGE CALC CV / USED CV = 0.83

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	9.525	10.156	11.531	7.077	4.785	3.889	3.618	4.263	6.117	6.930	2.781
N	29	29	29	29	33	33	33	33	33	33	33
RECORD YEAR	1952	1952	1952	1952	1952	1952	1962	1950	1950	1962	1950
RECORD MAXIMUM	0.440	0.570	0.690	0.920	1.150	1.520	2.000	3.060	5.400	9.300	43.380
NORMILIZED MAX	3.726	3.752	3.929	3.141	2.887	2.428	2.553	2.651	2.990	3.503	2.480
CALC. COEF. VAR	0.435	0.381	0.343	0.340	0.294	0.280	0.275	0.294	0.422	0.528	0.274
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0065	0.0091	0.0114	0.0172	0.0241	0.0361	0.0455	0.0666	0.0925	0.1263	1.0000
RP10/A	0.0100	0.0140	0.0175	0.0265	0.0371	0.0556	0.0700	0.1025	0.1424	0.1945	1.4393
RP25/A	0.0120	0.0168	0.0211	0.0318	0.0446	0.0667	0.0841	0.1232	0.1710	0.2336	1.6342
RP50/A	0.0135	0.0188	0.0236	0.0357	0.0500	0.0749	0.0943	0.1382	0.1918	0.2621	1.7672
RP100/A	0.0149	0.0208	0.0261	0.0395	0.0553	0.0828	0.1043	0.1528	0.2121	0.2898	1.8917
RP1000/A	0.0195	0.0272	0.0341	0.0516	0.0722	0.1081	0.1362	0.1996	0.2771	0.3786	2.2652
RP10000/A	0.0239	0.0334	0.0419	0.0633	0.0886	0.1324	0.1671	0.2448	0.3399	0.4643	2.6007
PMP/A	0.0458	0.0639	0.0802	0.1213	0.1697	0.2542	0.3202	0.4691	0.6514	0.8899	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E40 3863 2	HAYWARD CORP YARD AC62	55						37.647	122.095	ALAMEDA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1957	0.14	0.16	0.19	0.23	0.37	0.62	0.71	0.91	0.95	1.00	13.60
1958	0.15	0.28	0.31	0.34	0.40	0.54	0.65	0.96	1.30	1.69	26.64
1959	0.12	0.19	0.22	0.26	0.42	0.49	0.55	0.83	0.85	0.85	8.43
1960	0.17	0.23	0.23	0.27	0.60	1.00	1.33	2.00	2.41	3.18	11.63
1961	0.30	0.47	0.53	0.67	0.77	0.77	0.77	1.15	1.84	1.84	12.09
1962	0.20	0.25	0.31	0.40	0.50	0.51	0.67	0.85	1.05	1.35	15.51
1963	0.25	0.38	0.52	0.86	1.48	1.87	2.20	2.82	4.60	6.25	23.98
1964	0.10	0.13	0.18	0.30	0.56	0.80	0.95	1.36	1.55	2.15	11.84
1965	0.13	0.19	0.25	0.36	0.56	0.68	0.78	0.81	0.83	1.06	18.09
1966	0.10	0.17	0.26	0.38	0.41	0.71	0.80	1.18	1.32	1.45	12.98
1967	0.15	0.20	0.25	0.32	0.45	0.69	0.82	1.06	1.98	3.45	25.24
1968	0.17	0.24	0.28	0.37	0.50	0.78	0.84	1.27	1.40	1.57	14.70
1969	0.18	0.26	0.37	0.62	0.98	1.17	1.23	1.38	1.44	1.82	24.93
1970	0.16	0.25	0.31	0.40	0.57	0.70	1.00	1.49	2.80	4.06	17.41
1971	0.08	0.14	0.26	0.42	0.72	1.01	1.14	1.40	2.26	2.86	19.52
1972	0.13	0.14	-0.15	0.20	0.29	0.39	0.58	0.70	0.83	1.57	9.44
1973	0.26	0.31	0.34	0.53	0.68	0.96	1.05	1.74	1.74	2.07	28.58
1974	0.14	0.22	0.25	0.42	0.55	0.84	0.92	1.48	2.22	2.93	25.17

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E40 3863 2	HAYWARD CORP YARD AC62	55						37.647	122.095	ALAMEDA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.15	0.21	0.26	0.37	0.55	0.74	0.86	1.19	1.60	2.09	17.28
5	0.21	0.30	0.37	0.53	0.77	1.04	1.22	1.68	2.25	2.95	22.53
10	0.25	0.36	0.45	0.63	0.92	1.24	1.45	2.00	2.68	3.52	25.57
20	0.29	0.42	0.51	0.73	1.06	1.43	1.68	2.31	3.09	4.06	28.23
25	0.30	0.43	0.54	0.76	1.11	1.49	1.75	2.40	3.22	4.23	29.03
40	0.33	0.47	0.58	0.82	1.20	1.62	1.89	2.60	3.49	4.58	30.65
50	0.34	0.49	0.60	0.85	1.24	1.67	1.96	2.70	3.62	4.74	31.40
100	0.37	0.54	0.66	0.94	1.37	1.85	2.17	2.98	4.00	5.24	33.61
200	0.41	0.59	0.73	1.02	1.50	2.03	2.37	3.26	4.37	5.74	35.70
1000	0.49	0.70	0.87	1.22	1.79	2.42	2.83	3.89	5.22	6.85	40.24
10000	0.60	0.86	1.06	1.50	2.20	2.97	3.47	4.78	6.41	8.40	46.20
PMP	1.15	1.65	2.04	2.88	4.21	5.69	6.65	9.15	12.28	16.11	106.24
MEAN	0.163	0.234	0.289	0.408	0.598	0.807	0.944	1.299	1.743	2.286	17.766
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.997	1.315	1.307	1.380	2.187	1.978	2.256	1.628	1.832	1.690	0.282
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.504 ; INTERCEPT (TIME=1 HOUR) =0.571 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.03212 ; AVERAGE CALC CV / USED CV = 0.98

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	4.045	5.383	5.017	5.282	9.019	8.719	9.707	6.829	7.767	6.718	2.113
N	18	18	18	18	18	18	18	18	18	18	18
RECORD YEAR	1961	1961	1961	1963	1963	1963	1963	1963	1963	1963	1973
RECORD MAXIMUM	0.300	0.470	0.530	0.860	1.480	1.870	2.200	2.820	4.600	6.250	28.580
NORMILIZED MAX	2.354	2.706	2.354	2.695	3.214	3.190	3.295	2.966	3.096	2.963	1.667
CALC. COEF. VAR	0.358	0.373	0.353	0.411	0.459	0.413	0.404	0.395	0.530	0.585	0.365
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0092	0.0132	0.0163	0.0230	0.0336	0.0454	0.0531	0.0731	0.0981	0.1287	1.0000
RP10/A	0.0141	0.0203	0.0251	0.0354	0.0518	0.0700	0.0818	0.1126	0.1510	0.1981	1.4393
RP25/A	0.0169	0.0244	0.0301	0.0425	0.0622	0.0840	0.0983	0.1353	0.1814	0.2380	1.6342
RP50/A	0.0190	0.0273	0.0338	0.0477	0.0698	0.0943	0.1102	0.1517	0.2035	0.2670	1.7672
RP100/A	0.0210	0.0302	0.0374	0.0527	0.0772	0.1042	0.1219	0.1678	0.2250	0.2952	1.8917
RP1000/A	0.0275	0.0395	0.0488	0.0689	0.1008	0.1362	0.1592	0.2192	0.2940	0.3857	2.2652
RP10000/A	0.0337	0.0484	0.0599	0.0845	0.1237	0.1670	0.1953	0.2689	0.3606	0.4730	2.6007
PMP/A	0.0646	0.0927	0.1148	0.1619	0.2371	0.3201	0.3743	0.5153	0.6911	0.9066	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E40 6335 0	OAKLAND AP NWS	3						37.733	122.200	ALAMEDA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.12	0.15	0.19	0.33	0.43	0.57	0.73	0.94	1.18	1.71	28.75
1941	0.24	0.38	0.45	0.63	0.93	1.46	1.86	2.09	2.20	2.50	29.53
1942	0.16	0.21	0.24	0.33	0.57	0.80	0.92	1.29	2.18	2.56	23.05
1943	0.05	0.08	0.13	0.20	0.38	0.72	0.88	1.23	1.58	2.07	14.53
1944	0.11	0.19	0.25	0.48	0.90	0.98	1.08	1.22	1.24	1.55	21.78
1945	0.18	0.37	0.43	0.49	0.55	0.66	0.74	1.42	1.59	2.41	22.09
1946	0.08	0.14	0.18	0.24	0.39	0.68	0.77	1.11	1.33	1.67	11.21
1947	0.17	0.21	0.24	0.29	0.39	0.55	0.61	0.97	1.31	1.36	12.32
1948	0.28	0.38	0.48	0.58	0.63	0.64	0.64	0.64	0.91	1.61	14.52
1949	0.20	0.28	0.42	0.70	0.82	1.03	1.17	1.25	1.26	1.55	14.98
1950	0.15	0.18	0.22	0.27	0.36	0.56	0.73	1.26	1.95	3.00	26.16
1951	0.31	0.38	0.43	0.62	0.88	1.22	1.37	1.75	1.78	2.21	22.20
1952	0.10	0.17	0.24	0.35	0.67	1.02	1.27	1.54	1.55	1.92	22.23
1953	0.13	0.16	0.19	0.33	0.39	0.50	0.62	1.02	1.21	1.53	9.87
1954	0.13	0.18	0.70	0.28	0.29	0.41	0.59	0.82	1.14	1.42	15.53
1955	0.08	0.13	0.18	0.28	0.37	0.63	0.76	1.22	1.52	2.21	20.81
1956	0.11	0.14	0.17	0.19	0.30	0.55	0.83	1.45	1.98	2.43	13.14
1957	0.10	0.15	0.21	0.26	0.35	0.47	0.61	1.00	1.24	1.51	19.57
1958	0.13	0.19	0.21	0.26	0.35	0.61	0.86	1.12	1.16	1.67	26.11
1959	0.13	0.19	0.21	0.45	0.75	1.19	1.55	2.04	2.83	3.23	13.02
1960	0.10	0.18	0.21	0.32	0.47	0.73	0.91	1.35	1.66	1.79	14.01
1961	0.13	0.19	0.26	0.31	0.31	0.32	0.52	1.31	1.36	1.69	13.87
1962	0.08	0.13	0.17	0.31	0.61	1.00	1.41	2.42	3.75	5.45	22.47
1963	0.11	0.18	0.26	0.45	0.53	0.64	0.74	0.96	1.33	1.53	19.11
1964	0.20	0.32	0.39	0.59	0.83	1.11	1.36	1.75	1.91	2.20	16.83
1965	*****	*****	*****	*****	0.30	0.40	0.47	0.77	0.99	1.28	16.32
1966	*****	*****	*****	*****	0.27	0.37	0.52	0.93	1.14	1.38	13.11
1967	0.16	0.25	0.34	0.41	0.48	0.64	0.70	1.31	1.85	3.38	23.98
1968	0.09	0.14	0.24	0.49	0.66	0.93	1.17	1.78	2.11	2.58	17.19
1969	0.17	0.27	0.27	0.27	0.40	0.66	0.83	1.08	1.52	1.69	25.70
1970	0.13	0.24	0.31	0.48	0.74	1.15	1.35	1.61	1.93	2.53	25.31
1971	0.07	0.10	0.12	0.19	0.28	0.40	0.56	0.80	0.96	1.28	10.61
1972	0.11	0.14	0.18	0.32	0.50	0.69	0.79	1.03	1.40	1.40	16.27
1973	0.18	0.26	0.28	0.35	0.49	0.68	0.87	1.44	2.06	2.67	29.37
1974	0.09	0.15	0.19	0.28	0.41	0.64	0.91	1.33	1.93	2.21	16.87

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E40 6335 0	OAKLAND AP NWS	3						37.733	122.200	ALAMEDA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.19	0.24	0.34	0.47	0.67	0.83	1.18	1.49	1.91	18.40
5	0.18	0.27	0.33	0.48	0.66	0.94	1.17	1.67	2.10	2.70	24.01
10	0.21	0.32	0.40	0.58	0.79	1.13	1.39	1.99	2.51	3.22	27.24
20	0.25	0.37	0.46	0.66	0.91	1.30	1.61	2.30	2.89	3.71	30.07
25	0.26	0.38	0.48	0.69	0.95	1.35	1.68	2.39	3.01	3.87	30.93
40	0.28	0.41	0.52	0.75	1.03	1.47	1.81	2.59	3.26	4.19	32.66
50	0.29	0.43	0.53	0.78	1.07	1.52	1.88	2.68	3.38	4.34	33.45
100	0.32	0.47	0.59	0.86	1.18	1.68	2.08	2.97	3.74	4.80	35.80
200	0.35	0.52	0.65	0.94	1.29	1.84	2.27	3.24	4.09	5.25	38.03
1000	0.42	0.62	0.77	1.12	1.54	2.19	2.71	3.87	4.88	6.27	42.87
10000	0.51	0.76	0.95	1.37	1.89	2.69	3.33	4.75	5.99	7.69	49.22
PMP	0.98	1.45	1.81	2.63	3.62	5.15	6.38	9.11	11.48	14.73	113.18
MEAN	0.139	0.206	0.257	0.374	0.514	0.732	0.906	1.293	1.630	2.091	18.926
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.226	0.966	1.000	0.808	0.733	0.797	1.047	0.914	1.766	2.267	0.292
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.483 ; INTERCEPT (TIME=1 HOUR) =0.517 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.02734 ; AVERAGE CALC CV / USED CV = 0.95

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.789	3.312	3.228	2.944	2.584	3.241	3.787	4.052	7.871	10.537	2.179
N	33	33	33	33	35	35	35	35	35	35	35
RECORD YEAR	1951	1941	1948	1949	1941	1941	1941	1962	1962	1962	1941
RECORD MAXIMUM	0.310	0.380	0.480	0.700	0.930	1.460	1.860	2.420	3.750	5.450	29.530
NORMILIZED MAX	2.923	2.099	2.310	2.380	2.109	2.638	2.868	2.844	3.749	4.129	1.860
CALC. COEF. VAR	0.422	0.401	0.375	0.367	0.384	0.377	0.367	0.307	0.347	0.389	0.301
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0073	0.0109	0.0136	0.0197	0.0271	0.0387	0.0479	0.0683	0.0861	0.1105	1.0000
RP10/A	0.0113	0.0168	0.0209	0.0304	0.0418	0.0595	0.0737	0.1052	0.1326	0.1701	1.4393
RP25/A	0.0136	0.0202	0.0251	0.0365	0.0502	0.0715	0.0885	0.1263	0.1593	0.2043	1.6342
RP50/A	0.0152	0.0226	0.0282	0.0410	0.0563	0.0802	0.0993	0.1417	0.1786	0.2292	1.7672
RP100/A	0.0168	0.0250	0.0312	0.0453	0.0623	0.0887	0.1098	0.1567	0.1975	0.2534	1.8917
RP1000/A	0.0220	0.0327	0.0407	0.0592	0.0813	0.1159	0.1434	0.2047	0.2581	0.3311	2.2652
RP10000/A	0.0270	0.0401	0.0500	0.0726	0.0998	0.1421	0.1759	0.2511	0.3165	0.4061	2.6007
PMP/A	0.0517	0.0768	0.0958	0.1391	0.1912	0.2724	0.3371	0.4812	0.6066	0.7783	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
E40 6856 70	PIEDMONT F S AC95	330						37.823	122.232	ALAMEDA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1967	*****	*****	*****	*****	0.55	1.00	1.22	1.88	2.97	5.15	******
1968	0.18	0.22	0.24	0.25	0.35	0.45	0.51	0.83	0.95	1.40	******
1969	0.15	0.18	0.19	0.22	0.28	0.45	0.51	0.88	1.50	1.50	******
1970	0.10	0.15	0.20	0.34	0.55	0.94	1.41	2.09	2.12	3.38	18.85
1971	0.11	0.21	0.27	0.38	0.45	0.60	0.70	0.87	1.02	1.80	11.65
1972	0.08	0.10	0.15	0.27	0.47	0.60	0.75	0.78	0.78	1.10	24.75
1973	0.20	0.25	0.30	0.47	0.72	0.83	1.16	1.48	2.18	2.45	35.73
1974	0.30	0.37	0.42	0.50	0.73	0.80	1.02	1.83	3.02	4.00	37.99
1975	0.15	0.21	0.27	0.49	0.65	0.84	1.07	1.15	1.29	1.57	17.56

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
E40 6856 70	PIEDMONT F S AC95	330						37.823	122.232	ALAMEDA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.15	0.19	0.23	0.33	0.48	0.66	0.85	1.20	1.61	2.27	23.75
5	0.20	0.27	0.33	0.47	0.68	0.93	1.20	1.69	2.27	3.20	30.98
10	0.24	0.33	0.39	0.56	0.81	1.11	1.43	2.02	2.71	3.82	35.15
20	0.28	0.38	0.45	0.65	0.94	1.28	1.65	2.33	3.12	4.41	38.81
25	0.29	0.39	0.47	0.68	0.98	1.34	1.72	2.42	3.25	4.59	39.91
40	0.32	0.42	0.51	0.73	1.06	1.45	1.86	2.62	3.52	4.97	42.14
50	0.33	0.44	0.53	0.76	1.09	1.50	1.92	2.72	3.65	5.15	43.16
100	0.36	0.48	0.58	0.84	1.21	1.66	2.13	3.01	4.03	5.70	46.20
200	0.40	0.53	0.64	0.92	1.32	1.82	2.33	3.29	4.41	6.23	49.08
1000	0.48	0.63	0.76	1.09	1.58	2.17	2.78	3.93	5.27	7.44	55.32
10000	0.58	0.78	0.94	1.34	1.94	2.66	3.41	4.82	6.47	9.13	63.51
PMP	1.12	1.49	1.80	2.57	3.72	5.10	6.54	9.23	12.39	17.50	146.04
MEAN	0.159	0.211	0.255	0.365	0.528	0.723	0.928	1.310	1.759	2.483	24.422
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.161	0.929	0.996	0.018	-0.179	-0.188	-0.048	0.436	0.497	1.019	0.352
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.504 ; INTERCEPT (TIME=1 HOUR) =0.522 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.02139 ; AVERAGE CALC CV / USED CV = 0.84

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	5.807	6.246	5.746	2.633	3.239	2.768	2.876	2.521	2.937	4.034	3.921
N	8	8	8	8	9	9	9	9	9	9	6
RECORD YEAR	1974	1974	1974	1974	1974	1967	1970	1970	1974	1967	1974
RECORD MAXIMUM	0.300	0.370	0.420	0.500	0.730	1.000	1.410	2.090	3.020	5.150	37.990
NORMILIZED MAX	2.018	2.005	1.988	1.197	1.291	1.354	1.494	1.505	1.480	1.911	1.290
CALC. COEF. VAR	0.441	0.375	0.325	0.309	0.297	0.283	0.348	0.396	0.396	0.562	0.431
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0065	0.0087	0.0104	0.0149	0.0216	0.0296	0.0380	0.0536	0.0720	0.1017	1.0000
RP10/A	0.0100	0.0133	0.0161	0.0230	0.0333	0.0456	0.0585	0.0826	0.1109	0.1566	1.4393
RP25/A	0.0120	0.0160	0.0193	0.0276	0.0400	0.0548	0.0703	0.0992	0.1332	0.1881	1.6342
RP50/A	0.0135	0.0179	0.0217	0.0310	0.0448	0.0614	0.0788	0.1113	0.1494	0.2110	1.7672
RP100/A	0.0149	0.0198	0.0240	0.0343	0.0496	0.0679	0.0872	0.1231	0.1652	0.2333	1.8917
RP1000/A	0.0195	0.0259	0.0313	0.0448	0.0648	0.0888	0.1139	0.1608	0.2159	0.3048	2.2652
RP10000/A	0.0239	0.0318	0.0384	0.0549	0.0794	0.1089	0.1396	0.1972	0.2647	0.3738	2.6007
PMP/A	0.0458	0.0609	0.0736	0.1053	0.1522	0.2087	0.2676	0.3779	0.5074	0.7164	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E50 312 0	ARROYO DEL VALLE AC 16	700						37.617	121.750	ALAMEDA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1958	0.17	0.18	0.35	0.62	0.88	0.90	0.90	1.39	1.56	2.10	25.85
1959	0.07	0.12	0.15	0.24	0.47	0.52	0.55	0.88	1.20	1.48	8.60
1960	0.10	0.12	0.15	0.22	0.37	0.58	0.66	0.89	1.08	1.41	11.43
1961	0.14	0.18	0.27	0.32	0.48	0.60	0.69	0.70	0.78	1.02	13.20
1962	0.14	0.17	0.19	0.24	0.38	0.43	0.52	0.75	1.25	1.51	12.76
1963	0.09	0.11	0.12	0.22	0.41	0.57	0.87	1.28	1.58	2.88	18.79
1964	0.10	0.20	0.26	0.42	0.60	0.70	0.82	1.35	1.63	1.90	11.56
1965	0.18	0.20	0.25	0.42	0.50	0.63	0.83	1.40	2.00	2.70	10.25
1966	0.11	0.15	0.18	0.23	0.29	0.41	0.74	0.90	1.10	1.10	12.15
1967	0.09	0.14	0.20	0.21	0.34	0.70	0.75	1.13	2.17	3.13	23.45
1968	0.06	0.10	0.14	0.20	0.26	0.55	0.66	1.15	1.68	2.61	10.64
1969	0.09	0.21	0.26	0.27	0.46	0.79	0.79	1.08	1.40	1.54	22.03
1970	0.18	0.30	0.36	0.37	0.46	0.67	0.82	1.15	1.18	1.41	14.33
1971	0.06	0.07	0.09	0.18	0.33	0.52	0.65	1.05	1.60	1.92	17.08
1972	0.06	0.06	0.08	0.15	0.25	0.35	0.44	0.46	0.62	0.62	7.98
1973	0.15	0.21	0.25	0.31	0.39	0.48	0.64	0.88	1.13	1.28	22.24
1974	0.12	0.15	0.18	0.27	0.38	0.59	0.85	0.99	1.18	1.45	17.38
1975	0.13	0.18	0.20	0.26	0.36	0.50	0.56	0.70	0.88	0.92	13.01

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E50 312 0	ARROYO DEL VALLE AC 16	700						37.617	121.750	ALAMEDA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.10	0.14	0.19	0.26	0.39	0.53	0.65	0.92	1.22	1.58	14.73
5	0.15	0.20	0.26	0.37	0.55	0.75	0.91	1.30	1.72	2.22	19.22
10	0.17	0.24	0.31	0.44	0.65	0.90	1.09	1.55	2.05	2.65	21.81
20	0.20	0.28	0.36	0.51	0.75	1.03	1.26	1.79	2.37	3.06	24.08
25	0.21	0.29	0.38	0.53	0.78	1.08	1.31	1.86	2.47	3.18	24.76
40	0.23	0.32	0.41	0.57	0.85	1.17	1.42	2.02	2.67	3.45	26.14
50	0.24	0.33	0.42	0.59	0.88	1.21	1.47	2.09	2.77	3.57	26.78
100	0.26	0.36	0.47	0.66	0.97	1.34	1.62	2.31	3.06	3.95	28.66
200	0.28	0.40	0.51	0.72	1.06	1.46	1.78	2.53	3.35	4.32	30.45
1000	0.34	0.47	0.61	0.86	1.27	1.75	2.12	3.02	4.00	5.16	34.32
10000	0.42	0.58	0.75	1.05	1.55	2.14	2.60	3.70	4.91	6.33	39.40
PMP	0.80	1.12	1.44	2.02	2.98	4.11	4.99	7.10	9.40	12.13	90.61
MEAN	0.113	0.158	0.204	0.286	0.423	0.583	0.708	1.007	1.334	1.721	15.152
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.291	0.417	0.398	1.700	1.929	0.558	0.400	0.222	0.311	0.629	0.649
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.484 ; INTERCEPT (TIME=1 HOUR) =0.409 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.02702 ; AVERAGE CALC CV / USED CV = 0.80

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	2.454	4.228	3.149	6.731	8.486	3.922	2.703	3.001	3.310	2.980	2.730
N	18	18	18	18	18	18	18	18	18	18	18
RECORD YEAR	1965	1970	1970	1958	1958	1958	1958	1965	1967	1967	1958
RECORD MAXIMUM	0.180	0.300	0.360	0.620	0.880	0.900	0.900	1.400	2.170	3.130	25.850
NORMILIZED MAX	1.655	2.445	1.958	2.959	3.161	2.330	1.448	1.498	2.061	1.979	1.988
CALC. COEF. VAR	0.356	0.366	0.389	0.394	0.342	0.234	0.188	0.260	0.304	0.414	0.355
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0075	0.0104	0.0135	0.0189	0.0279	0.0385	0.0467	0.0665	0.0881	0.1136	1.0000
RP10/A	0.0115	0.0161	0.0208	0.0291	0.0430	0.0592	0.0719	0.1023	0.1356	0.1749	1.4393
RP25/A	0.0138	0.0193	0.0250	0.0349	0.0516	0.0711	0.0864	0.1230	0.1629	0.2101	1.6342
RP50/A	0.0155	0.0217	0.0280	0.0392	0.0579	0.0798	0.0969	0.1379	0.1827	0.2357	1.7672
RP100/A	0.0172	0.0240	0.0310	0.0433	0.0640	0.0882	0.1072	0.1525	0.2020	0.2606	1.8917
RP1000/A	0.0224	0.0313	0.0404	0.0566	0.0836	0.1153	0.1400	0.1992	0.2640	0.3404	2.2652
RP10000/A	0.0275	0.0384	0.0496	0.0694	0.1026	0.1414	0.1717	0.2444	0.3237	0.4175	2.6007
PMP/A	0.0527	0.0736	0.0951	0.1330	0.1966	0.2710	0.3291	0.4683	0.6205	0.8003	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BHM	LATITUDE	LONGITUDE	COUNTY
E50 4997 3	LIVERMORE 2E AC20	470	10	03S	02E	C	M	37.690	121.742	ALAMEDA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1956	0.11	0.14	0.16	0.19	0.19	0.20	0.25	0.44	0.62	0.83	19.77
1957	0.21	0.28	0.37	0.44	0.52	0.55	0.70	0.70	0.70	0.80	12.04
1958	0.13	0.12	0.32	0.45	0.46	0.55	0.68	0.89	1.30	1.76	21.21
1959	0.07	0.08	0.09	0.12	0.20	0.34	0.42	0.67	0.86	0.99	7.65
1960	0.07	0.10	0.13	0.20	0.27	0.51	0.72	0.99	1.51	1.51	11.58
1961	0.13	0.18	0.20	0.25	0.44	0.46	0.58	0.74	0.99	1.02	10.54
1962	0.10	0.13	0.16	0.20	0.26	0.44	0.54	0.70	1.16	1.33	12.12
1963	0.32	0.34	0.36	0.37	0.48	0.67	0.99	1.42	2.71	3.64	16.43
1964	0.17	0.18	0.19	0.30	0.49	0.74	0.94	1.15	1.18	1.67	9.56
1965	0.27	0.32	0.43	0.59	0.63	0.63	0.63	0.72	1.05	1.37	14.41
1966	0.05	0.07	0.10	0.13	0.21	0.39	0.51	0.80	1.09	1.11	10.48
1967	0.10	0.17	0.20	0.35	0.46	0.66	0.89	1.14	2.20	3.18	20.55
1968	0.05	0.08	0.12	0.15	0.29	0.54	0.78	0.98	1.90	2.64	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BHM	LATITUDE	LONGITUDE	COUNTY
E50 4997 3	LIVERMORE 2E AC20	470	10	03S	02E	C	M	37.690	121.742	ALAMEDA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.13	0.15	0.20	0.26	0.34	0.47	0.61	0.81	1.22	1.54	13.46
5	0.18	0.22	0.28	0.37	0.49	0.66	0.86	1.14	1.71	2.17	17.56
10	0.21	0.26	0.34	0.44	0.58	0.79	1.02	1.35	2.05	2.59	19.93
20	0.24	0.30	0.39	0.51	0.67	0.91	1.18	1.56	2.36	2.98	22.00
25	0.25	0.31	0.40	0.53	0.70	0.95	1.23	1.63	2.46	3.11	22.63
40	0.27	0.34	0.44	0.58	0.75	1.03	1.33	1.76	2.66	3.37	23.89
50	0.28	0.35	0.45	0.60	0.78	1.07	1.38	1.83	2.76	3.49	24.47
100	0.31	0.39	0.50	0.66	0.86	1.18	1.52	2.02	3.05	3.86	26.19
200	0.34	0.42	0.55	0.72	0.95	1.29	1.67	2.21	3.33	4.22	27.82
1000	0.41	0.50	0.65	0.86	1.13	1.56	1.99	2.64	3.98	5.04	31.36
10000	0.50	0.62	0.80	1.06	1.39	1.89	2.44	3.23	4.88	6.18	36.01
PMP	0.96	1.19	1.53	2.03	2.66	3.62	4.68	6.20	9.36	11.84	82.79
MEAN	0.137	0.168	0.218	0.288	0.377	0.514	0.664	0.880	1.328	1.681	13.845
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.132	0.918	0.764	0.742	0.093	-0.550	-0.238	0.468	1.181	1.242	0.543
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.562 ; INTERCEPT (TIME=1 HOUR) =0.390 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.02816 ; AVERAGE CALC CV / USED CV = 1.12

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	4.120	3.324	2.876	3.428	2.389	3.838	3.523	3.778	4.487	4.112	2.742
N	13	13	13	13	13	13	13	13	13	13	12
RECORD YEAR	1963	1963	1965	1965	1965	1964	1963	1963	1963	1963	1958
RECORD MAXIMUM	0.320	0.340	0.430	0.590	0.630	0.740	0.990	1.420	2.710	3.640	21.210
NORMILIZED MAX	2.172	1.881	1.871	2.094	1.745	1.519	1.552	2.065	2.270	2.146	1.596
CALC. COEF. VAR	0.616	0.541	0.521	0.502	0.385	0.290	0.317	0.297	0.458	0.543	0.333
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0099	0.0122	0.0157	0.0208	0.0272	0.0371	0.0479	0.0636	0.0960	0.1214	1.0000
RP10/A	0.0152	0.0187	0.0242	0.0320	0.0419	0.0571	0.0738	0.0979	0.1477	0.1869	1.4393
RP25/A	0.0183	0.0225	0.0291	0.0384	0.0504	0.0686	0.0887	0.1176	0.1775	0.2245	1.6342
RP50/A	0.0205	0.0252	0.0326	0.0431	0.0565	0.0770	0.0995	0.1319	0.1991	0.2519	1.7672
RP100/A	0.0227	0.0279	0.0361	0.0477	0.0625	0.0851	0.1100	0.1458	0.2201	0.2785	1.8917
RP1000/A	0.0296	0.0365	0.0471	0.0623	0.0816	0.1112	0.1437	0.1905	0.2876	0.3638	2.2652
RP10000/A	0.0364	0.0447	0.0578	0.0764	0.1001	0.1364	0.1763	0.2336	0.3527	0.4462	2.6007
PMP/A	0.0697	0.0857	0.1108	0.1464	0.1918	0.2615	0.3378	0.4478	0.6760	0.8553	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
E50 4997 40	LIVERMORE 5NE AC24	685						37.695	121.683	ALAMEDA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1968	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	9.19
1969	0.11	0.17	0.14	0.19	0.31	0.34	0.72	1.13	1.38	2.00	17.90
1970	0.16	0.18	0.22	0.27	0.41	0.60	1.01	1.42	1.60	2.18	10.99
1971	0.13	0.16	0.22	0.32	0.53	1.00	1.19	1.72	2.59	3.11	15.05
1972	0.07	0.11	0.13	0.21	0.36	0.42	0.50	0.52	0.77	0.77	5.44
1973	0.13	0.14	0.15	0.20	0.35	0.65	0.84	0.90	0.90	1.27	19.58
1974	0.17	0.22	0.24	0.28	0.40	0.67	0.90	1.28	1.36	1.88	14.84

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
E50 4997 40	LIVERMORE 5NE AC24	685						37.695	121.683	ALAMEDA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.12	0.15	0.17	0.22	0.36	0.56	0.79	1.06	1.31	1.71	12.92
5	0.17	0.21	0.24	0.32	0.51	0.79	1.11	1.50	1.85	2.41	16.85
10	0.20	0.25	0.28	0.38	0.61	0.94	1.32	1.79	2.21	2.88	19.12
20	0.23	0.29	0.33	0.44	0.70	1.09	1.53	2.06	2.55	3.32	21.11
25	0.24	0.30	0.34	0.45	0.73	1.13	1.59	2.15	2.65	3.46	21.71
40	0.26	0.33	0.37	0.49	0.79	1.23	1.72	2.33	2.87	3.74	22.92
50	0.27	0.34	0.38	0.51	0.82	1.27	1.78	2.41	2.97	3.88	23.48
100	0.29	0.37	0.42	0.56	0.90	1.41	1.97	2.66	3.29	4.29	25.13
200	0.32	0.41	0.46	0.61	0.99	1.54	2.16	2.91	3.60	4.69	26.70
1000	0.38	0.49	0.55	0.73	1.18	1.84	2.58	3.48	4.30	5.60	30.09
10000	0.47	0.60	0.67	0.90	1.45	2.25	3.16	4.27	5.27	6.87	34.55
PMP	0.90	1.15	1.29	1.73	2.77	4.32	6.06	8.18	10.10	13.16	79.44
MEAN	0.128	0.163	0.183	0.245	0.393	0.613	0.860	1.162	1.433	1.868	13.284
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	-0.646	0.130	0.028	0.374	1.268	0.742	-0.224	-0.366	1.223	0.237	-0.385
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.466 ; INTERCEPT (TIME=1 HOUR) =0.418 ; COEFFICIENT OF DETERMINATION = 0.967
1HR INTERCEPT / MEAN YR =0.03147 ; AVERAGE CALC CV / USED CV = 0.65

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	5.607	5.859	2.917	3.831	7.201	6.205	5.550	5.425	7.036	5.741	4.006
N	6	6	6	6	6	6	6	6	6	6	7
RECORD YEAR	1974	1974	1974	1971	1971	1971	1971	1971	1971	1971	1973
RECORD MAXIMUM	0.170	0.220	0.240	0.320	0.530	1.000	1.190	1.720	2.590	3.110	19.580
NORMILIZED MAX	1.157	1.522	1.170	1.430	1.797	1.675	1.388	1.336	1.785	1.547	1.259
CALC. COEF. VAR	0.281	0.228	0.264	0.214	0.193	0.376	0.276	0.360	0.452	0.430	0.376
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0097	0.0123	0.0138	0.0184	0.0296	0.0462	0.0647	0.0874	0.1079	0.1406	1.0000
RP10/A	0.0149	0.0189	0.0212	0.0284	0.0456	0.0711	0.0997	0.1346	0.1661	0.2165	1.4393
RP25/A	0.0179	0.0227	0.0255	0.0341	0.0548	0.0854	0.1197	0.1617	0.1996	0.2601	1.6342
RP50/A	0.0200	0.0255	0.0286	0.0383	0.0614	0.0958	0.1343	0.1814	0.2238	0.2918	1.7672
RP100/A	0.0222	0.0282	0.0317	0.0423	0.0679	0.1059	0.1485	0.2006	0.2475	0.3226	1.8917
RP1000/A	0.0290	0.0368	0.0414	0.0553	0.0887	0.1384	0.1940	0.2621	0.3234	0.4215	2.2652
RP10000/A	0.0355	0.0452	0.0507	0.0678	0.1088	0.1697	0.2380	0.3214	0.3966	0.5170	2.6007
PMP/A	0.0681	0.0866	0.0972	0.1299	0.2086	0.3253	0.4561	0.6161	0.7601	0.9908	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
E50 5735 50	MOCHO WELL NO1 AC34	345						37.687	121.876	ALAMEDA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1970	0.15	0.17	0.22	0.26	0.37	0.58	0.64	0.78	1.14	1.56	15.06
1971	0.14	0.15	0.20	0.26	0.32	0.71	0.78	1.17	1.76	2.48	16.09
1972	0.06	0.08	0.16	0.24	0.40	0.44	0.44	0.44	0.52	0.73	4.87
1973	0.22	0.27	0.29	0.33	0.41	0.68	0.83	1.39	1.45	2.19	23.40
1974	0.20	0.24	0.27	0.33	0.58	1.04	1.22	1.55	2.52	2.68	19.23
1975	0.10	0.12	0.17	0.31	0.50	0.81	1.04	1.41	1.70	1.73	19.05

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
E50 5735 50	MOCHO WELL NO1 AC34	345						37.687	121.876	ALAMEDA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.13	0.16	0.20	0.26	0.39	0.65	0.76	1.03	1.39	1.73	15.83
5	0.19	0.22	0.28	0.37	0.55	0.92	1.06	1.45	1.95	2.44	20.65
10	0.22	0.26	0.34	0.44	0.66	1.09	1.27	1.73	2.33	2.92	23.44
20	0.26	0.30	0.39	0.51	0.76	1.26	1.46	1.99	2.69	3.36	25.88
25	0.27	0.32	0.40	0.53	0.80	1.31	1.53	2.08	2.80	3.51	26.61
40	0.29	0.34	0.44	0.58	0.86	1.42	1.65	2.25	3.03	3.80	28.10
50	0.30	0.36	0.45	0.60	0.89	1.47	1.71	2.33	3.14	3.93	28.78
100	0.33	0.39	0.50	0.66	0.99	1.63	1.89	2.58	3.48	4.35	30.80
200	0.36	0.43	0.55	0.72	1.08	1.78	2.07	2.82	3.80	4.75	32.72
1000	0.43	0.51	0.65	0.86	1.29	2.13	2.47	3.37	4.54	5.68	36.89
10000	0.53	0.63	0.80	1.06	1.58	2.61	3.03	4.13	5.57	6.97	42.35
PMP	1.02	1.21	1.54	2.03	3.03	5.00	5.81	7.91	10.67	13.35	97.37
MEAN	0.145	0.172	0.218	0.288	0.430	0.710	0.825	1.123	1.515	1.895	16.283
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	-0.163	0.283	0.386	-0.017	0.766	0.525	0.113	-0.906	-0.002	-0.756	-1.294
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.489 ; INTERCEPT (TIME=1 HOUR) =0.456 ; COEFFICIENT OF DETERMINATION = 0.983
1HR INTERCEPT / MEAN YR =0.02798 ; AVERAGE CALC CV / USED CV = 0.73

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	4.520	4.327	3.942	3.136	5.255	5.996	4.977	4.882	6.058	5.477	7.467
N	6	6	6	6	6	6	6	6	6	6	6
RECORD YEAR	1973	1973	1973	1973	1974	1974	1974	1974	1974	1974	1973
RECORD MAXIMUM	0.220	0.270	0.290	0.330	0.580	1.040	1.220	1.550	2.520	2.680	23.400
NORMILIZED MAX	1.252	1.367	1.360	1.049	1.592	1.612	1.420	0.993	1.502	1.101	1.129
CALC. COEF. VAR	0.413	0.419	0.241	0.138	0.219	0.288	0.337	0.382	0.442	0.376	0.387
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0089	0.0105	0.0134	0.0177	0.0264	0.0436	0.0507	0.0690	0.0930	0.1164	1.0000
RP10/A	0.0137	0.0162	0.0206	0.0273	0.0407	0.0671	0.0780	0.1062	0.1432	0.1792	1.4393
RP25/A	0.0165	0.0195	0.0248	0.0328	0.0488	0.0806	0.0937	0.1276	0.1721	0.2153	1.6342
RP50/A	0.0185	0.0219	0.0278	0.0367	0.0548	0.0905	0.1051	0.1431	0.1930	0.2416	1.7672
RP100/A	0.0204	0.0242	0.0308	0.0406	0.0606	0.1000	0.1162	0.1583	0.2134	0.2670	1.8917
RP1000/A	0.0267	0.0316	0.0402	0.0531	0.0791	0.1307	0.1518	0.2068	0.2788	0.3488	2.2652
RP10000/A	0.0327	0.0388	0.0493	0.0651	0.0971	0.1603	0.1862	0.2536	0.3420	0.4278	2.6007
PMP/A	0.0627	0.0743	0.0945	0.1247	0.1860	0.3072	0.3569	0.4860	0.6555	0.8199	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
E50 6199 2	NILES 1SW AC50	62	21	04S	01W	M	M	37.568	121.983	ALAMEDA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1953	0.18	0.27	0.31	0.40	0.53	0.71	0.90	1.24	1.27	1.34	14.41
1954	0.19	0.24	0.32	0.38	0.48	0.84	0.97	1.33	1.44	1.44	10.58
1955	0.12	0.16	0.22	0.27	0.42	0.60	0.67	0.87	1.16	1.58	12.65
1956	0.11	0.14	0.25	0.32	0.40	0.71	0.86	1.53	1.89	2.45	19.13
1957	0.13	0.16	0.21	0.30	0.40	0.54	0.68	1.01	1.07	1.40	12.89
1958	0.33	0.42	0.45	0.59	0.68	0.72	0.77	0.98	1.04	1.57	28.68
1959	0.10	0.16	0.18	0.25	0.31	0.34	0.36	0.49	0.58	1.05	9.37
1960	0.09	0.16	0.24	0.39	0.66	1.05	1.40	2.00	2.30	2.35	16.76
1961	0.08	0.12	0.18	0.25	0.28	0.40	0.63	1.08	1.86	1.88	13.47
1962	0.16	0.22	0.23	0.30	0.37	0.40	0.44	0.64	0.80	1.05	16.42
1963	0.16	0.18	0.19	0.30	0.70	1.05	1.52	2.21	3.92	5.21	22.48
1964	0.11	0.18	0.38	0.52	0.67	0.90	1.00	1.12	1.25	1.49	12.07
1965	0.16	0.19	0.23	0.27	0.32	0.46	0.59	0.99	1.29	1.65	18.16
1966	0.18	0.23	0.24	0.24	0.33	0.55	0.85	1.11	1.23	1.31	13.71
1967	0.17	0.20	0.22	0.31	0.43	0.55	0.60	0.90	2.03	3.38	25.72
1968	0.16	0.17	0.24	0.35	0.55	0.72	0.74	1.32	1.70	2.42	13.51
1969	0.12	0.17	0.21	0.25	0.38	0.42	0.50	0.84	1.46	1.55	25.20
1970	0.24	0.25	0.29	0.45	0.54	0.60	0.92	1.37	1.44	1.70	15.32
1971	0.18	0.19	0.20	0.29	0.36	0.52	0.71	1.03	2.03	2.91	19.74
1972	0.03	0.04	0.07	0.18	0.22	0.25	0.26	0.34	0.62	1.01	8.36
1973	0.22	0.25	0.28	0.35	0.46	0.56	0.66	0.87	0.92	1.44	28.71
1974	0.15	0.22	0.25	0.38	0.53	0.65	0.78	1.13	1.68	1.95	24.29

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
E50 6199 2	NILES 1SW AC50	62	21	04S	01W	M	M	37.568	121.983	ALAMEDA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.14	0.18	0.22	0.31	0.42	0.56	0.70	1.02	1.37	1.75	16.87
5	0.20	0.25	0.32	0.43	0.59	0.79	0.99	1.43	1.93	2.47	22.00
10	0.24	0.30	0.38	0.51	0.70	0.95	1.18	1.71	2.31	2.95	24.97
20	0.27	0.35	0.44	0.59	0.81	1.09	1.36	1.97	2.66	3.40	27.57
25	0.28	0.36	0.45	0.62	0.84	1.14	1.41	2.05	2.77	3.54	28.35
40	0.31	0.39	0.49	0.67	0.91	1.23	1.53	2.22	3.00	3.84	29.93
50	0.32	0.41	0.51	0.69	0.94	1.28	1.59	2.30	3.11	3.97	30.66
100	0.35	0.45	0.56	0.77	1.04	1.41	1.75	2.54	3.44	4.39	32.81
200	0.38	0.49	0.61	0.84	1.14	1.54	1.92	2.78	3.76	4.81	34.86
1000	0.46	0.59	0.73	1.00	1.37	1.84	2.29	3.32	4.49	5.74	39.29
10000	0.56	0.72	0.90	1.23	1.67	2.26	2.81	4.08	5.51	7.04	45.11
PMP	1.08	1.38	1.73	2.35	3.21	4.34	5.38	7.81	10.56	13.49	103.73
MEAN	0.153	0.196	0.245	0.334	0.455	0.615	0.764	1.109	1.500	1.915	17.347
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.804	1.073	0.666	1.101	0.369	0.569	0.930	0.872	1.876	2.246	0.545
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.549 ; INTERCEPT (TIME=1 HOUR) =0.456 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.02631 ; AVERAGE CALC CV / USED CV = 0.85

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	5.494	7.608	5.673	4.673	2.610	3.347	4.829	4.909	8.731	9.217	2.569
N	22	22	22	22	22	22	22	22	22	22	22
RECORD YEAR	1958	1958	1958	1958	1963	1960	1963	1963	1963	1963	1973
RECORD MAXIMUM	0.330	0.420	0.480	0.590	0.700	1.050	1.520	2.210	3.920	5.210	28.710
NORMILIZED MAX	2.846	3.146	2.692	2.668	1.777	2.052	2.560	2.576	3.406	3.454	1.852
CALC. COEF. VAR	0.406	0.362	0.311	0.288	0.302	0.344	0.386	0.385	0.474	0.498	0.354
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0088	0.0113	0.0141	0.0192	0.0263	0.0355	0.0440	0.0639	0.0864	0.1104	1.0000
RP10/A	0.0136	0.0174	0.0217	0.0296	0.0404	0.0546	0.0678	0.0984	0.1331	0.1700	1.4393
RP25/A	0.0163	0.0209	0.0261	0.0356	0.0486	0.0656	0.0815	0.1183	0.1599	0.2042	1.6342
RP50/A	0.0183	0.0235	0.0293	0.0399	0.0545	0.0736	0.0914	0.1326	0.1793	0.2290	1.7672
RP100/A	0.0203	0.0260	0.0324	0.0441	0.0602	0.0814	0.1010	0.1467	0.1983	0.2533	1.8917
RP1000/A	0.0265	0.0339	0.0423	0.0576	0.0787	0.1063	0.1320	0.1916	0.2591	0.3309	2.2652
RP10000/A	0.0325	0.0416	0.0519	0.0707	0.0965	0.1304	0.1619	0.2350	0.3178	0.4058	2.6007
PMP/A	0.0622	0.0797	0.0995	0.1355	0.1850	0.2500	0.3103	0.4504	0.6090	0.7777	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. 8SN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
GR0 5356 0	MARKFLEEVILLE	5546	21	10N	20E	0	M	38.692	119.783	ALPINE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	0.08	0.16	0.25	0.45	0.65	1.03	1.61	2.15	******
1941	*****	*****	0.07	0.12	0.23	0.41	0.55	1.00	1.84	2.75	20.76
1942	*****	*****	0.13	0.17	0.28	0.55	0.77	1.30	2.10	3.23	21.30
1943	*****	*****	0.09	0.15	0.27	0.43	0.58	1.12	2.02	3.82	18.12
1944	*****	*****	0.11	0.21	0.35	0.61	0.86	1.83	1.88	2.22	19.87
1945	*****	*****	0.40	0.57	0.60	0.65	0.66	1.01	1.40	2.12	20.46
1946	*****	*****	0.11	0.19	0.38	0.65	1.03	2.00	3.31	4.55	19.56
1947	*****	*****	0.06	0.12	0.24	0.36	0.52	0.58	0.70	1.16	10.44
1948	*****	*****	0.13	0.16	0.26	0.43	0.54	0.71	1.26	2.00	16.18
1949	*****	*****	0.11	0.15	0.29	0.35	0.46	0.79	1.35	1.86	11.71
1950	*****	*****	0.12	0.20	0.40	0.68	0.98	1.73	3.15	5.34	34.69
1951	*****	*****	0.19	0.21	0.34	0.56	0.78	1.25	1.61	1.81	17.89
1952	*****	*****	0.24	0.39	0.66	0.79	0.88	0.92	0.96	1.45	18.14
1953	*****	*****	0.12	0.20	0.37	0.62	0.78	0.93	0.95	1.20	15.07
1954	*****	*****	*****	*****	0.20	0.33	0.63	1.20	2.20	2.31	17.39
1955	*****	*****	*****	*****	0.83	1.12	1.27	1.70	3.30	5.02	32.25
1956	*****	*****	*****	*****	0.28	0.50	0.58	0.85	1.61	1.82	16.80
1957	*****	*****	*****	*****	0.35	0.55	0.70	0.87	1.12	1.35	19.48
1958	*****	*****	*****	*****	0.35	0.59	0.62	1.07	1.59	2.20	23.01
1959	*****	*****	*****	*****	0.28	0.45	0.58	1.01	1.52	1.79	5.04
1960	*****	*****	*****	*****	0.25	0.38	0.52	0.94	1.26	2.03	17.12
1961	*****	*****	*****	*****	0.26	0.33	0.45	0.72	0.85	1.06	12.39
1962	*****	*****	*****	*****	0.44	0.67	0.93	1.59	2.65	3.71	22.69
1963	*****	*****	*****	*****	0.34	0.58	0.83	1.47	2.69	4.15	29.10
1964	*****	*****	0.09	0.15	0.28	0.44	0.65	1.11	2.03	2.83	20.74
1965	*****	*****	0.30	0.37	0.43	0.56	0.65	0.87	1.39	1.64	25.57
1966	*****	*****	0.14	0.18	0.22	0.39	0.51	0.86	1.44	1.99	12.36
1967	*****	*****	0.59	0.65	0.65	0.65	0.66	0.99	1.14	1.35	26.86
1968	*****	*****	0.11	0.15	0.27	0.42	0.55	0.81	1.20	1.60	20.46
1969	*****	*****	0.17	0.25	0.43	0.65	0.90	1.43	2.15	3.17	35.66
1970	*****	*****	0.10	0.16	0.32	0.50	0.70	1.07	1.99	2.30	26.92
1971	*****	*****	0.09	0.15	0.27	0.47	0.73	1.09	1.43	2.64	25.36
1972	*****	*****	0.34	0.38	0.39	0.45	0.64	0.73	0.81	0.86	15.38
1973	*****	*****	*****	*****	0.31	0.55	0.73	1.37	2.17	2.22	25.64
1974	*****	*****	*****	*****	0.14	0.27	0.35	0.45	0.78	1.32	22.42

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 8SN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
GR0 5356 0	MARKFLEEVILLE	5546	21	10N	20E	0	M	38.692	119.783	ALPINE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.15	0.21	0.32	0.48	0.63	0.99	1.54	2.15	19.82
5	0.0	0.0	0.22	0.31	0.46	0.69	0.91	1.45	2.24	3.13	25.89
10	0.0	0.0	0.27	0.38	0.56	0.84	1.10	1.75	2.71	3.78	29.45
20	0.0	0.0	0.31	0.44	0.65	0.97	1.28	2.03	3.15	4.39	32.61
25	0.0	0.0	0.33	0.46	0.67	1.02	1.34	2.12	3.29	4.59	33.57
40	0.0	0.0	0.36	0.50	0.73	1.10	1.45	2.31	3.57	4.99	35.51
50	0.0	0.0	0.37	0.52	0.76	1.15	1.51	2.39	3.71	5.17	36.40
100	0.0	0.0	0.41	0.57	0.85	1.27	1.68	2.66	4.12	5.75	39.07
200	0.0	0.0	0.45	0.63	0.93	1.40	1.84	2.92	4.52	6.31	41.62
1000	0.0	0.0	0.54	0.76	1.11	1.68	2.21	3.51	5.43	7.58	47.17
10000	0.0	0.0	0.67	0.93	1.37	2.07	2.73	4.32	6.70	9.35	54.53
PMP	0.0	0.0	1.29	1.81	2.67	4.02	5.29	8.39	12.99	18.13	121.64
MEAN	0.0	0.0	0.169	0.237	0.349	0.525	0.692	1.097	1.699	2.372	20.495
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	2.119	1.904	1.732	1.463	0.940	0.772	0.819	1.141	0.270
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.433 ; INTERCEPT (TIME=1 HOUR) =0.359 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.01752 ; AVERAGE CALC CV / USED CV = 1.06

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	7.753	6.243	6.412	7.440	4.626	3.434	3.379	3.906	3.573
N	0	0	23	23	35	35	35	35	35	35	34
RECORD YEAR	0	0	1967	1967	1955	1955	1955	1946	1946	1950	1969
RECORD MAXIMUM	0.0	0.0	0.590	0.650	0.830	1.120	1.270	2.000	3.310	5.340	35.660
NORMILIZED MAX	0.0	0.0	3.298	2.923	3.362	3.720	3.098	2.511	2.306	2.631	2.253
CALC. COEF. VAR	0.0	0.0	0.754	0.598	0.410	0.504	0.270	0.328	0.411	0.476	0.328
REGN. COEF. VAR	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.329
USED COEF. VAR	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.329
MEAN/A	0.0	0.0	0.0083	0.0115	0.0170	0.0256	0.0338	0.0535	0.0829	0.1157	1.0000
RP10/A	0.0	0.0	0.0131	0.0184	0.0271	0.0408	0.0538	0.0853	0.1321	0.1844	1.4371
RP25/A	0.0	0.0	0.0160	0.0223	0.0329	0.0496	0.0653	0.1035	0.1603	0.2238	1.6379
RP50/A	0.0	0.0	0.0180	0.0252	0.0371	0.0559	0.0736	0.1168	0.1808	0.2525	1.7762
RP100/A	0.0	0.0	0.0200	0.0280	0.0412	0.0621	0.0818	0.1297	0.2008	0.2804	1.9064
RP1000/A	0.0	0.0	0.0264	0.0369	0.0544	0.0819	0.1078	0.1711	0.2649	0.3698	2.3014
RP10000/A	0.0	0.0	0.0325	0.0455	0.0671	0.1010	0.1330	0.2110	0.3267	0.4562	2.6605
PMP/A	0.0	0.0	0.0631	0.0882	0.1301	0.1960	0.2580	0.4093	0.6337	0.8848	5.9350

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. 8SN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
810 303A 0	FIDDLETOWN LYNCH	2140	19	08N	12E	P	M	38.526	120.700	AMADOR

M=MINUTES,H=HOURS,O=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	0.68	0.80	0.91	1.12	1.40	1.92	2.33	3.20	47.39
1941	*****	*****	0.25	0.32	0.38	0.63	0.86	1.42	2.05	2.56	36.83
1942	*****	*****	0.45	0.64	1.09	1.41	1.54	1.87	3.00	4.56	44.78
1943	*****	*****	0.42	0.60	0.82	0.87	0.97	1.53	2.34	3.83	34.42
1944	*****	*****	0.38	0.54	0.78	1.21	1.52	2.05	3.38	5.27	32.22
1945	*****	*****	0.48	0.88	1.06	1.28	1.47	1.79	2.32	3.86	45.29
1946	0.18	0.29	0.38	0.64	0.84	1.13	1.18	1.47	2.40	3.10	25.61
1947	0.07	0.13	0.18	0.30	0.35	0.53	0.55	1.20	1.60	1.79	22.37
1948	0.28	0.34	0.42	0.46	0.48	0.60	0.84	1.34	1.35	3.31	36.90
1949	0.08	0.15	0.20	0.26	0.35	0.52	0.70	1.16	2.05	2.98	24.16
1950	0.40	0.58	0.68	0.77	0.89	1.18	1.41	2.07	3.56	5.55	56.87
1951	0.18	0.25	0.37	0.53	0.72	0.90	1.10	1.73	2.44	3.21	40.95
1952	0.08	0.15	0.18	0.20	0.38	0.63	0.78	1.04	1.50	2.23	40.62
1953	0.12	0.20	0.26	0.50	0.73	1.14	1.47	1.96	2.26	2.36	26.21
1954	0.12	0.20	0.26	0.32	0.48	0.62	0.71	1.10	1.97	2.50	34.47
1955	0.18	0.24	0.30	0.35	0.48	0.80	1.02	1.84	2.80	4.70	42.69
1956	0.20	0.23	0.26	0.30	0.46	0.82	0.90	1.13	1.70	2.03	28.72
1957	0.50	0.56	0.60	0.70	0.76	0.94	1.18	1.74	1.95	2.47	36.71
1958	0.08	0.14	0.20	0.32	0.38	0.67	0.92	1.63	2.67	3.88	41.89
1959	0.08	0.13	0.18	0.30	0.50	0.70	0.80	1.20	1.55	1.96	23.48
1960	0.14	0.26	0.38	0.50	0.60	0.72	0.90	1.28	1.68	3.22	23.48
1961	0.05	0.10	0.14	0.20	0.31	0.52	0.63	0.77	1.02	1.79	19.61
1962	0.09	0.17	0.23	0.40	0.58	0.90	1.21	1.52	2.28	3.80	40.37
1968	*****	*****	*****	*****	0.60	0.80	1.10	1.40	2.40	3.30	33.10
1969	*****	*****	*****	*****	1.00	1.00	1.20	1.40	2.10	3.40	50.00
1970	*****	*****	*****	*****	0.60	0.90	1.10	1.50	2.30	2.80	46.60
1971	*****	*****	*****	*****	0.60	0.90	1.20	1.70	2.30	3.30	29.80
1972	*****	*****	*****	*****	0.80	1.00	1.10	1.60	2.10	2.30	26.20
1973	*****	*****	0.30	0.40	0.60	0.80	1.10	1.50	2.60	3.30	55.40
1974	*****	*****	0.20	0.30	0.40	0.60	0.70	1.20	2.00	2.90	33.50

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 8SN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
810 303A 0	FIDDLETOWN LYNCH	2140	19	08N	12E	P	M	38.526	120.700	AMADOR

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION O=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.16	0.23	0.31	0.43	0.59	0.81	0.99	1.41	2.07	2.99	35.15
5	0.21	0.30	0.42	0.58	0.79	1.08	1.32	1.88	2.76	3.99	44.49
10	0.24	0.35	0.49	0.67	0.92	1.26	1.53	2.19	3.21	4.64	49.89
20	0.27	0.40	0.55	0.76	1.04	1.42	1.73	2.47	3.62	5.24	54.62
25	0.28	0.41	0.57	0.79	1.08	1.47	1.79	2.56	3.75	5.42	56.04
40	0.29	0.42	0.58	0.80	1.09	1.49	1.82	2.60	3.81	5.51	58.92
50	0.31	0.46	0.63	0.87	1.19	1.62	1.98	2.83	4.14	5.99	60.24
100	0.34	0.50	0.69	0.95	1.30	1.77	2.16	3.08	4.52	6.53	64.17
200	0.37	0.54	0.74	1.02	1.40	1.91	2.33	3.33	4.88	7.06	67.90
1000	0.43	0.63	0.87	1.20	1.64	2.23	2.73	3.90	5.71	8.25	75.97
10000	0.52	0.75	1.04	1.43	1.96	2.68	3.27	4.67	6.84	9.89	86.56
PMP	1.02	1.48	2.05	2.82	3.86	5.27	6.43	9.18	13.45	19.46	193.25
MEAN	0.166	0.242	0.335	0.461	0.631	0.861	1.052	1.502	2.200	3.182	36.020
CLOCK HR. COF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.716	1.654	0.967	0.621	0.448	0.446	0.130	-0.089	0.364	0.744	0.264
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.493 ; INTERCEPT (TIME=1 HOUR) =0.622 ; COEFFICIENT OF DETERMINATION = 0.994
1HR INTERCEPT / MEAN YR =0.01727 ; AVERAGE CALC CV / USED CV = 1.30

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	5.938	5.598	3.544	2.699	2.456	2.642	2.397	2.711	3.919	3.588	2.585
N	17	17	25	25	30	30	30	30	30	30	30
RECORD YEAR	1957	1950	1940	1945	1942	1942	1942	1950	1950	1950	1950
RECORD MAXIMUM	0.500	0.580	0.680	0.880	1.090	1.410	1.540	2.070	3.560	5.550	56.870
NORMILIZED MAX	2.701	2.429	2.244	2.162	2.042	2.261	1.750	1.749	2.445	2.467	2.067
CALC. COEF. VAR	0.742	0.574	0.458	0.420	0.356	0.282	0.265	0.216	0.253	0.302	0.277
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0046	0.0067	0.0093	0.0128	0.0175	0.0239	0.0292	0.0417	0.0611	0.0883	1.0000
RP10/A	0.0067	0.0098	0.0136	0.0187	0.0255	0.0348	0.0426	0.0608	0.0890	0.1287	1.3850
RP25/A	0.0079	0.0115	0.0159	0.0218	0.0299	0.0408	0.0498	0.0711	0.1041	0.1506	1.5559
RP50/A	0.0087	0.0127	0.0175	0.0241	0.0330	0.0450	0.0549	0.0785	0.1149	0.1662	1.6725
RP100/A	0.0095	0.0138	0.0190	0.0263	0.0360	0.0491	0.0599	0.0856	0.1254	0.1813	1.7815
RP1000/A	0.0120	0.0175	0.0241	0.0332	0.0454	0.0620	0.0757	0.1082	0.1584	0.2291	2.1090
RP10000/A	0.0144	0.0209	0.0289	0.0398	0.0545	0.0743	0.0908	0.1296	0.1899	0.2746	2.4030
PMP/A	0.0283	0.0411	0.0569	0.0783	0.1071	0.1462	0.1786	0.2550	0.3735	0.5402	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. 8SN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
820 8928 0	TIGER CREEK PH	2355	24	07N	13E	G	M	38.449	120.491	AMADOR

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.07	0.10	0.11	0.20	0.27	0.49	0.74	1.39	2.68	3.78	******
1941	0.28	0.36	0.38	0.44	0.46	0.75	0.87	1.49	2.05	3.11	54.80
1942	0.17	0.30	0.43	0.59	0.77	1.21	1.52	2.58	4.76	6.21	57.22
1943	0.14	0.17	0.25	0.36	0.43	0.73	0.98	1.61	2.61	4.68	45.80
1944	0.16	0.18	0.20	0.25	0.42	0.76	1.03	1.62	2.75	3.57	47.48
1945	0.20	0.26	0.30	0.43	0.65	0.95	1.05	1.60	2.54	4.72	55.24
1946	0.12	0.17	0.22	0.34	0.44	0.68	0.86	1.45	2.50	3.96	33.96
1947	0.17	0.25	0.30	0.40	0.50	0.53	0.89	1.47	2.11	2.85	26.77
1948	0.10	0.18	0.27	0.29	0.44	0.64	0.88	1.47	2.30	4.04	45.73
1949	0.16	0.22	0.28	0.33	0.47	0.60	0.75	1.25	1.78	2.87	32.52
1950	0.27	0.32	0.42	0.60	0.82	1.06	1.54	2.92	5.05	8.14	81.51
1951	0.08	0.15	0.22	0.43	0.62	1.01	1.13	1.94	2.44	3.68	54.51
1952	0.12	0.19	0.24	0.33	0.41	0.64	0.84	1.20	2.04	2.85	51.80
1953	0.14	0.20	0.27	0.37	0.59	0.89	1.15	1.65	2.31	2.60	34.65
1954	0.17	0.22	0.24	0.26	0.42	0.67	0.92	1.29	1.79	3.03	41.96
1955	0.17	0.22	0.25	0.36	0.60	1.16	1.54	2.50	3.91	6.52	55.55
1956	0.17	0.26	0.38	0.48	0.78	0.96	1.03	1.40	1.95	2.55	38.96
1957	0.11	0.18	0.30	0.38	0.59	0.78	0.96	1.55	1.80	2.85	43.34
1958	0.30	0.35	0.37	0.39	0.47	0.93	1.05	1.69	2.39	3.56	55.17
1959	0.11	0.21	0.25	0.31	0.39	0.60	0.79	1.40	2.00	2.75	28.63
1960	0.17	0.26	0.31	0.36	0.48	0.72	1.10	2.01	2.91	5.81	41.75
1961	0.14	0.16	0.20	0.28	0.43	0.58	0.62	1.02	1.35	1.52	23.99
1962	0.13	0.16	0.18	0.32	0.42	0.70	0.82	1.49	2.25	3.23	45.66
1963	0.29	0.42	0.44	0.49	0.62	0.93	1.27	2.45	3.77	5.86	48.22
1964	0.10	0.16	0.22	0.34	0.58	1.03	1.51	2.53	4.36	5.52	58.35
1965	0.16	0.22	0.25	0.30	0.45	0.71	1.10	1.91	2.71	3.67	41.43
1966	0.26	0.34	0.44	0.50	0.60	0.76	0.93	1.50	2.05	2.77	29.93
1967	0.20	0.28	0.29	0.39	0.65	1.21	1.57	2.09	2.64	4.53	52.38
1968	0.12	0.19	0.22	0.42	0.59	0.80	0.98	1.68	2.94	4.16	38.58
1969	0.26	0.39	0.45	0.55	0.61	1.05	1.33	2.18	2.39	3.44	60.79
1970	0.12	0.16	0.19	0.30	0.46	0.72	1.03	1.69	2.83	3.93	60.07
1971	0.12	0.20	0.26	0.36	0.58	0.84	1.20	1.68	2.50	3.16	37.58
1972	0.09	0.12	0.16	0.27	0.44	0.58	0.86	1.18	1.54	2.01	30.04
1973	*****	*****	*****	*****	0.76	1.01	1.17	1.56	2.69	4.02	61.98
1974	*****	*****	*****	*****	0.40	0.65	0.89	1.41	2.53	3.19	39.66

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 8SN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
820 8928 0	TIGER CREEK PH	2355	24	07N	13E	G	M	38.449	120.491	AMADOR

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.15	0.21	0.26	0.35	0.50	0.76	0.99	1.61	2.45	3.62	44.66
5	0.20	0.29	0.35	0.47	0.67	1.02	1.32	2.14	3.27	4.84	56.53
10	0.24	0.33	0.41	0.55	0.77	1.18	1.54	2.49	3.80	5.63	63.39
20	0.27	0.38	0.46	0.62	0.88	1.33	1.74	2.81	4.29	6.35	69.39
25	0.28	0.39	0.48	0.64	0.91	1.38	1.80	2.91	4.44	6.58	71.20
40	0.28	0.40	0.49	0.65	0.92	1.40	1.83	2.96	4.52	6.69	74.86
50	0.31	0.43	0.53	0.71	1.00	1.52	1.98	3.22	4.90	7.26	76.54
100	0.33	0.47	0.58	0.77	1.09	1.66	2.16	3.51	5.35	7.93	81.53
200	0.36	0.51	0.62	0.84	1.18	1.80	2.34	3.79	5.78	8.57	86.26
1000	0.42	0.59	0.73	0.98	1.38	2.10	2.73	4.44	6.76	10.01	96.52
10000	0.51	0.71	0.88	1.17	1.65	2.52	3.28	5.32	8.10	12.00	109.97
PMP	1.00	1.40	1.72	2.30	3.25	4.95	6.45	10.46	15.94	23.61	245.53
MEAN	0.163	0.229	0.282	0.376	0.532	0.809	1.054	1.710	2.606	3.861	45.765
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.845	0.800	0.504	0.675	0.530	0.483	0.743	1.078	1.441	1.168	0.456
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -0.488 ; INTERCEPT (TIME=1 HOUR) =0.566 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.01236 ; AVERAGE CALC CV / USED CV = 0.85

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.043	3.186	2.785	3.410	3.010	2.500	3.035	3.779	5.200	4.741	3.719
N	33	33	33	33	35	35	35	35	35	35	34
RECORD YEAR	1958	1963	1969	1950	1950	1942	1967	1950	1950	1950	1950
RECORD MAXIMUM	0.300	0.420	0.450	0.600	0.820	1.210	1.570	2.920	5.050	8.140	81.510
NORMILIZED MAX	2.168	2.424	1.912	2.336	2.246	2.034	2.056	2.703	2.897	3.091	2.874
CALC. COEF. VAR	0.389	0.345	0.313	0.254	0.241	0.243	0.238	0.262	0.324	0.359	0.272
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0036	0.0050	0.0062	0.0082	0.0116	0.0177	0.0230	0.0374	0.0569	0.0844	1.0000
RP10/A	0.0052	0.0073	0.0090	0.0120	0.0169	0.0258	0.0336	0.0544	0.0830	0.1229	1.3850
RP25/A	0.0061	0.0085	0.0105	0.0140	0.0198	0.0301	0.0393	0.0637	0.0971	0.1438	1.5559
RP50/A	0.0067	0.0094	0.0116	0.0155	0.0219	0.0333	0.0433	0.0703	0.1071	0.1587	1.6725
RP100/A	0.0073	0.0103	0.0126	0.0169	0.0238	0.0363	0.0473	0.0767	0.1169	0.1732	1.7815
RP1000/A	0.0092	0.0130	0.0160	0.0213	0.0301	0.0459	0.0597	0.0969	0.1477	0.2188	2.1090
RP10000/A	0.0111	0.0155	0.0191	0.0256	0.0361	0.0550	0.0716	0.1162	0.1771	0.2623	2.4030
PMP/A	0.0217	0.0306	0.0376	0.0503	0.0710	0.1082	0.1409	0.2285	0.3482	0.5159	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. 8SN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
A00 1715 0	CHICO	205	05	21N	02E		M	39.700	121.783	BUTTE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1944	0.17	0.26	0.26	0.26	0.31	0.40	0.53	0.88	1.29	1.69	28.90
1945	0.12	0.15	0.20	0.34	0.60	0.80	0.97	1.30	1.74	2.77	32.15
1946	0.11	0.15	0.19	0.24	0.32	0.57	0.67	0.91	1.41	1.45	13.35
1947	0.11	0.16	0.19	0.29	0.37	0.61	0.85	1.11	1.57	2.22	20.87
1948	0.10	0.16	0.21	0.26	0.41	0.66	0.72	1.25	1.60	2.07	25.77
1949	0.07	0.13	0.16	0.22	0.33	0.52	0.61	1.02	1.35	1.65	14.39
1950	0.27	0.35	0.37	0.45	0.49	0.61	0.75	1.25	2.06	3.16	29.62
1951	0.19	0.29	0.30	0.42	0.63	0.95	1.23	1.65	1.75	1.96	27.17
1952	0.07	0.10	0.12	0.20	0.37	0.67	0.93	1.45	2.20	2.57	33.64
1953	0.07	0.14	0.21	0.32	0.41	0.57	0.80	1.25	1.87	2.21	19.95
1954	0.05	0.08	0.12	0.20	0.34	0.55	0.72	0.96	1.76	2.23	29.40
1955	0.12	0.13	0.13	0.20	0.32	0.58	0.76	1.18	1.65	2.81	24.48
1956	0.12	0.19	0.24	0.33	0.39	0.56	0.66	0.91	1.50	2.86	19.36
1957	0.16	0.19	0.21	0.36	0.63	0.77	0.99	1.39	1.79	2.00	25.36
1958	0.09	0.18	0.27	0.41	0.62	0.85	0.99	1.13	1.60	2.33	34.33
1959	0.35	0.64	0.89	1.10	1.23	1.46	1.59	1.64	1.84	2.40	18.71
1960	0.12	0.14	0.15	0.20	0.38	0.52	0.72	0.98	1.62	2.16	24.60
1961	0.11	0.17	0.24	0.30	0.44	0.60	0.63	1.03	1.55	2.48	20.89
1962	0.32	0.36	0.37	0.41	0.48	0.80	1.13	1.85	2.84	4.41	27.09
1963	0.11	0.15	0.18	0.32	0.55	0.81	1.23	2.03	2.16	2.23	25.47
1964	0.11	0.16	0.23	0.36	0.60	0.74	0.91	1.38	1.95	2.66	19.11
1965	0.45	0.50	0.52	0.67	0.83	0.89	0.91	0.93	1.25	1.67	19.97
1966	0.11	0.16	0.19	0.26	0.34	0.46	0.65	1.21	2.17	2.76	21.72
1967	0.06	0.12	0.13	0.21	0.27	0.47	0.65	1.02	1.62	2.20	25.30
1968	0.11	0.13	0.17	0.24	0.36	0.68	0.85	1.11	1.66	2.72	27.63
1969	0.11	0.12	0.14	0.19	0.37	0.66	0.94	1.63	2.82	4.41	35.83
1970	0.16	0.20	0.20	0.27	0.41	0.55	0.78	1.05	1.77	2.35	31.95
1971	0.12	0.21	0.22	0.32	0.32	0.37	0.43	0.56	0.63	1.10	12.41
1972	0.09	0.14	0.24	0.31	0.43	0.69	0.72	0.79	1.28	1.60	19.32
1973	*****	*****	*****	*****	0.41	0.67	0.85	1.21	1.60	3.00	42.52

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 8SN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
A00 1715 0	CHICO	205	05	21N	02E		M	39.700	121.783	BUTTE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.19	0.23	0.31	0.44	0.63	0.79	1.13	1.63	2.26	24.51
5	0.18	0.25	0.31	0.42	0.59	0.84	1.06	1.51	2.19	3.04	31.67
10	0.21	0.30	0.36	0.49	0.68	0.98	1.23	1.76	2.55	3.54	35.73
20	0.24	0.34	0.40	0.55	0.77	1.11	1.39	1.99	2.88	4.00	39.26
25	0.25	0.35	0.42	0.57	0.80	1.15	1.44	2.07	2.99	4.14	40.31
40	0.25	0.35	0.42	0.58	0.81	1.17	1.47	2.10	3.04	4.21	42.43
50	0.27	0.38	0.46	0.63	0.88	1.27	1.59	2.28	3.30	4.58	43.40
100	0.30	0.42	0.50	0.69	0.97	1.39	1.74	2.49	3.60	5.00	46.27
200	0.32	0.45	0.55	0.75	1.04	1.50	1.88	2.70	3.90	5.41	48.98
1000	0.38	0.53	0.64	0.87	1.22	1.75	2.20	3.16	4.56	6.33	54.80
10000	0.45	0.64	0.77	1.05	1.47	2.11	2.64	3.79	5.47	7.60	62.36
RMP	0.89	1.26	1.51	2.07	2.89	4.15	5.22	7.48	10.80	15.00	146.78
MEAN	0.143	0.202	0.243	0.333	0.465	0.668	0.839	1.202	1.737	2.411	25.049
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.060	2.324	3.178	3.170	2.471	1.992	1.206	0.703	0.508	1.183	0.316
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.512 ; INTERCEPT (TIME=1 HOUR) =0.477 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.01906 ; AVERAGE CALC CV / USED CV = 1.40

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	7.191	8.764	14.993	15.074	10.845	9.719	5.582	3.829	5.313	5.658	3.339
N	29	29	29	29	30	30	30	30	30	30	30
RECORD YEAR	1965	1959	1959	1959	1959	1959	1959	1963	1962	1962	1973
RECORD MAXIMUM	0.450	0.640	0.890	1.100	1.230	1.460	1.590	2.030	2.840	4.410	42.520
NORMILIZED MAX	3.326	3.569	4.281	4.285	3.961	3.853	3.184	2.572	2.532	2.769	2.514
CALC. COEF. VAR	0.645	0.607	0.622	0.537	0.415	0.308	0.281	0.268	0.251	0.299	0.277
REGN. COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
USED COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
MEAN/A	0.0057	0.0081	0.0097	0.0133	0.0186	0.0267	0.0335	0.0480	0.0693	0.0963	1.0000
RP10/A	0.0084	0.0118	0.0142	0.0195	0.0272	0.0391	0.0491	0.0704	0.1017	0.1412	1.4266
RP25/A	0.0098	0.0139	0.0167	0.0229	0.0319	0.0458	0.0576	0.0825	0.1192	0.1654	1.6092
RP50/A	0.0109	0.0153	0.0184	0.0253	0.0353	0.0507	0.0636	0.0912	0.1317	0.1828	1.7327
RP100/A	0.0118	0.0167	0.0201	0.0276	0.0385	0.0553	0.0695	0.0995	0.1438	0.1996	1.8474
RP1000/A	0.0150	0.0212	0.0255	0.0349	0.0488	0.0700	0.0880	0.1260	0.1821	0.2528	2.1878
RP10000/A	0.0180	0.0254	0.0306	0.0419	0.0586	0.0841	0.1056	0.1513	0.2186	0.3034	2.4894
PMP/A	0.0355	0.0502	0.0604	0.0827	0.1156	0.1659	0.2083	0.2985	0.4312	0.5987	5.8600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A00 6528 0	OROVILLE RANGER STATION	300	07	19N	04E	C	M	39.526	121.567	BUTTE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1939	0.08	0.16	0.22	0.30	0.34	0.50	0.64	0.86	1.17	1.90	******
1940	0.26	0.30	0.34	0.40	0.54	0.76	0.98	1.49	2.11	2.59	43.73
1941	0.06	0.10	0.14	0.28	0.52	0.84	1.10	1.51	1.96	2.50	39.22
1942	0.22	0.44	0.64	0.82	0.84	0.92	0.96	1.22	1.67	2.78	34.15
1943	0.22	0.28	0.30	0.40	0.55	0.55	0.58	1.05	1.73	2.27	23.94
1944	0.18	0.26	0.30	0.40	0.50	0.57	0.65	1.10	1.53	2.53	28.41
1945	0.10	0.20	0.28	0.43	0.63	0.77	0.77	0.98	1.27	2.11	27.63
1946	0.15	0.20	0.22	0.24	0.30	0.48	0.69	0.87	1.35	2.12	14.26
1947	0.10	0.16	0.18	0.20	0.34	0.60	0.86	1.13	1.30	2.46	16.78
1948	0.10	0.12	0.14	0.18	0.30	0.60	0.86	1.41	1.57	1.83	27.61
1949	0.12	0.12	0.12	0.16	0.32	0.54	0.68	0.98	1.40	1.67	13.86
1950	*****	*****	*****	*****	0.71	0.94	1.02	1.16	2.36	3.49	36.64
1951	0.16	0.30	0.34	0.38	0.46	0.60	0.92	1.20	1.53	1.83	30.78
1952	0.06	0.10	0.16	0.20	0.38	0.66	0.78	1.22	1.84	3.13	12.85
1953	0.14	0.24	0.28	0.40	0.60	0.70	0.84	1.15	1.81	2.24	21.60
1954	0.10	0.20	0.22	0.28	0.38	0.50	0.56	0.90	1.37	2.29	27.17
1955	0.12	0.20	0.30	0.48	0.58	1.06	1.25	1.78	2.30	3.05	26.06
1956	0.18	0.30	0.34	0.44	0.53	0.68	0.87	1.19	1.88	2.62	21.44
1957	0.12	0.23	0.32	0.54	0.62	0.70	0.88	1.34	1.80	1.80	24.71
1958	0.15	0.30	0.34	0.44	0.70	1.04	1.18	1.27	1.45	1.96	30.76
1959	0.10	0.10	0.11	0.22	0.43	0.63	0.85	1.41	1.72	2.00	16.53
1960	0.07	0.12	0.20	0.36	0.66	0.90	0.97	1.16	1.49	1.59	27.32
1961	0.70	0.96	1.44	1.94	2.08	2.32	2.32	2.32	2.32	12.32	22.15
1962	0.28	0.52	0.78	1.18	1.33	1.54	1.80	2.22	3.05	5.45	31.45
1963	0.10	0.14	0.14	0.28	0.48	0.84	1.20	1.65	2.17	2.37	28.12
1968	*****	*****	*****	*****	0.40	0.70	0.70	1.10	1.70	2.20	29.00
1969	*****	*****	*****	*****	0.30	0.50	0.70	1.20	2.10	3.30	36.60
1970	*****	*****	*****	*****	0.60	0.80	1.10	1.60	2.30	2.80	36.10
1974	*****	*****	0.30	0.40	0.60	1.00	1.20	1.40	1.50	2.00	25.10

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A00 6528 0	OROVILLE RANGER STATION	300	07	19N	04E	C	M	39.526	121.567	BUTTE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.15	0.24	0.31	0.43	0.55	0.75	0.90	1.22	1.67	2.62	26.35
5	0.20	0.32	0.41	0.57	0.74	1.01	1.21	1.64	2.25	3.53	34.05
10	0.24	0.37	0.48	0.67	0.86	1.18	1.41	1.92	2.62	4.11	38.41
20	0.27	0.42	0.54	0.75	0.97	1.33	1.60	2.17	2.96	4.65	42.20
25	0.28	0.43	0.56	0.78	1.01	1.38	1.65	2.24	3.07	4.81	43.33
40	0.28	0.44	0.57	0.79	1.03	1.40	1.68	2.28	3.12	4.89	45.62
50	0.31	0.48	0.62	0.86	1.11	1.52	1.83	2.48	3.39	5.32	46.66
100	0.33	0.52	0.68	0.94	1.22	1.66	2.00	2.71	3.70	5.81	49.75
200	0.36	0.57	0.73	1.02	1.32	1.80	2.16	2.93	4.00	6.28	52.66
1000	0.42	0.66	0.86	1.19	1.54	2.10	2.53	3.43	4.69	7.35	58.91
10000	0.51	0.79	1.03	1.43	1.85	2.53	3.03	4.12	5.63	8.83	67.03
PMP	1.00	1.57	2.03	2.82	3.65	4.98	5.99	8.12	11.10	17.42	157.79
MEAN	0.161	0.252	0.326	0.454	0.587	0.801	0.962	1.306	1.784	2.800	26.927
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	3.377	2.730	3.093	3.033	3.112	2.831	2.233	1.440	0.987	4.316	0.008
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.518 ; INTERCEPT (TIME=1 HOUR) =0.589 ; COEFFICIENT OF DETERMINATION = 0.992
1HR INTERCEPT / MEAN YR =0.0218T ; AVERAGE CALC CV / USED CV = 1.91

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	16.401	12.243	13.951	13.240	14.447	12.913	9.452	5.490	4.443	23.076	2.963
N	24	24	25	25	29	29	29	29	29	29	28
RECORD YEAR	1961	1961	1961	1961	1961	1961	1961	1961	1962	1961	1940
RECORD MAXIMUM	0.700	0.960	1.440	1.940	2.080	2.320	2.320	2.320	3.050	12.320	43.730
NORMILIZED MAX	4.162	3.842	4.018	3.941	4.215	4.100	3.701	2.882	2.990	4.810	2.145
CALC. COEF. VAR	0.803	0.731	0.850	0.831	0.604	0.462	0.381	0.269	0.237	0.707	0.291
REGN. COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
USED COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
MEAN/A	0.0060	0.0094	0.0121	0.0169	0.0218	0.0298	0.0357	0.0485	0.0663	0.1040	1.0000
RP10/A	0.0088	0.0137	0.0178	0.0247	0.0320	0.0436	0.0524	0.0711	0.0972	0.1525	1.4266
RP25/A	0.0103	0.0161	0.0208	0.0290	0.0375	0.0512	0.0614	0.0834	0.1139	0.1787	1.6092
RP50/A	0.0114	0.0178	0.0230	0.0320	0.0414	0.0565	0.0679	0.0921	0.1259	0.1975	1.7327
RP100/A	0.0124	0.0194	0.0251	0.0350	0.0452	0.0617	0.0741	0.1006	0.1375	0.2157	1.8474
RP1000/A	0.0157	0.0246	0.0318	0.0443	0.0572	0.0782	0.0939	0.1274	0.1740	0.2731	2.1878
RP10000/A	0.0189	0.0295	0.0382	0.0531	0.0687	0.0938	0.1127	0.1529	0.2089	0.3278	2.4894
PMP/A	0.0372	0.0582	0.0753	0.1049	0.1356	0.1851	0.2223	0.3016	0.4122	0.6468	5.8600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A50 1130 0	BRUSH CREEK	3560	07	21N	06E	H	M	39.691	121.33R	BUTTE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	*****	*****	*****	*****	0.69	1.18	1.68	2.86	3.73	5.89	******
1942	*****	*****	*****	*****	1.01	1.32	1.47	2.60	3.80	6.63	80.50
1943	*****	*****	*****	*****	0.77	1.26	1.66	2.89	4.74	8.02	63.42
1944	*****	*****	*****	*****	0.85	1.33	1.53	2.75	5.23	6.34	76.18
1945	*****	*****	*****	*****	0.72	1.03	1.32	2.33	3.59	5.99	84.35
1946	*****	*****	*****	*****	0.45	1.01	1.50	2.88	4.87	7.57	40.51
1947	*****	*****	*****	*****	0.56	1.03	1.41	2.54	3.62	6.38	54.23
1948	0.09	0.12	0.17	0.34	0.57	0.90	1.24	2.18	2.97	4.87	74.23
1949	0.06	0.11	0.18	0.32	0.44	0.64	1.12	2.01	2.65	3.30	40.99
1950	*****	*****	*****	*****	0.70	1.08	1.46	2.77	4.51	7.16	******
1951	0.36	0.42	0.44	0.47	0.67	1.25	1.75	2.68	4.16	5.50	86.03
1952	0.11	0.14	0.20	0.32	0.64	0.95	1.63	2.45	4.42	4.98	85.96
1953	0.16	0.28	0.34	0.48	0.88	1.37	1.73	2.71	3.79	6.83	66.38
1954	0.12	0.15	0.24	0.36	0.68	1.15	1.57	2.99	4.61	8.36	72.55
1955	0.22	0.22	0.29	0.50	0.85	1.53	2.30	4.25	6.53	10.11	76.78
1956	0.10	0.15	0.24	0.45	0.63	1.01	1.67	2.97	3.99	5.05	56.76
1957	0.21	0.31	0.35	0.40	0.80	1.39	1.90	3.35	4.88	7.02	74.37
1958	0.17	0.30	0.30	0.39	0.64	1.12	1.44	2.47	3.35	4.26	80.04
1959	0.12	0.14	0.22	0.35	0.70	1.19	1.73	2.63	3.70	5.13	49.55
1960	0.15	0.30	0.38	0.58	0.65	0.95	1.42	2.51	3.84	4.85	76.44
1961	0.09	0.11	0.14	0.26	0.51	0.98	1.36	2.25	3.65	4.04	51.95
1962	0.22	0.26	0.30	0.48	0.89	1.73	2.45	4.35	6.93	8.16	94.01
1963	0.10	0.18	0.28	0.45	0.84	1.43	1.98	3.57	5.85	8.50	70.36
1964	0.15	0.30	0.42	0.59	1.00	1.64	2.16	3.51	6.15	10.62	75.63
1965	0.15	0.21	0.26	0.40	0.70	1.25	1.53	2.13	3.44	4.26	61.37
1966	0.16	0.28	0.36	0.54	0.70	1.16	1.45	2.50	3.69	5.68	57.78
1967	0.10	0.18	0.35	0.65	0.96	1.65	2.40	3.09	5.15	7.70	74.34
1968	0.22	0.27	0.35	0.35	0.63	0.96	1.31	1.94	2.86	4.26	60.84
1969	0.15	0.30	0.35	0.55	0.82	1.08	1.34	2.32	4.10	6.80	93.44
1970	*****	*****	*****	*****	0.50	0.70	1.10	1.50	1.70	2.20	101.16
1971	*****	*****	*****	*****	0.50	1.00	1.40	2.30	3.70	5.20	50.10
1972	*****	*****	*****	*****	0.40	0.50	0.70	1.20	1.90	7.20	49.20
1973	*****	*****	0.40	0.40	0.60	0.90	1.20	2.00	3.90	6.00	102.10

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A50 1130 0	BRUSH CREEK	3560	07	21N	06E	H	M	39.691	121.33R	BUTTE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.21	0.28	0.41	0.65	1.07	1.48	2.49	3.87	5.69	69.30
5	0.19	0.28	0.37	0.55	0.87	1.43	1.97	3.32	5.17	7.60	87.45
10	0.22	0.33	0.43	0.64	1.01	1.66	2.29	3.86	6.01	8.83	97.74
20	0.25	0.37	0.49	0.72	1.14	1.88	2.59	4.36	6.78	9.97	106.66
25	0.26	0.38	0.51	0.75	1.19	1.95	2.68	4.52	7.02	10.32	109.33
40	0.26	0.39	0.52	0.76	1.21	1.98	2.73	4.59	7.14	10.50	114.71
50	0.29	0.42	0.56	0.82	1.31	2.15	2.96	4.99	7.75	11.39	117.16
100	0.31	0.46	0.61	0.90	1.43	2.34	3.23	5.44	8.46	12.43	124.44
200	0.34	0.50	0.66	0.97	1.54	2.53	3.49	5.88	9.15	13.44	131.30
1000	0.40	0.58	0.77	1.14	1.80	2.96	4.08	6.88	10.69	15.71	146.05
10000	0.48	0.70	0.93	1.36	2.16	3.55	4.89	8.24	12.81	18.83	165.19
PMP	0.93	1.38	1.82	2.68	4.25	6.98	9.62	16.21	25.20	37.03	379.11
MEAN	0.153	0.225	0.298	0.438	0.695	1.142	1.573	2.651	4.121	6.056	70.663
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.507	0.326	-0.218	0.348	0.167	0.071	0.571	0.577	0.415	0.210	-0.017
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.352 ; INTERCEPT (TIME=1 HOUR) =0.727 ; COEFFICIENT OF DETERMINATION = 0.991
1HR INTERCEPT / MEAN YR =0.01029 ; AVERAGE CALC CV / USED CV = 0.86

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	6.662	2.830	2.523	2.783	2.689	3.407	4.053	4.479	3.782	3.357	2.628
N	21	21	22	22	33	33	33	33	33	33	31
RECORD YEAR	1951	1951	1951	1967	1942	1982	1962	1962	1962	1964	1973
RECORD MAXIMUM	0.360	0.420	0.440	0.650	1.010	1.730	2.450	4.350	6.930	10.620	102.100
NORMILIZED MAX	3.105	2.291	1.689	2.087	1.966	2.103	2.331	2.569	2.400	2.320	1.896
CALC. COEF. VAR	0.436	0.377	0.282	0.232	0.230	0.245	0.239	0.249	0.284	0.325	0.235
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0022	0.0032	0.0042	0.0062	0.0098	0.0162	0.0223	0.0375	0.0583	0.0857	1.0000
RP10/A	0.0032	0.0046	0.0061	0.0090	0.0143	0.0235	0.0324	0.0547	0.0850	0.1249	1.3832
RP25/A	0.0037	0.0054	0.0072	0.0106	0.0168	0.0275	0.0379	0.0639	0.0994	0.1461	1.5472
RP50/A	0.0041	0.0060	0.0079	0.0117	0.0185	0.0304	0.0419	0.0706	0.1097	0.1613	1.6580
RP100/A	0.0044	0.0065	0.0087	0.0127	0.0202	0.0332	0.0457	0.0770	0.1197	0.1759	1.7611
RP1000/A	0.0056	0.0083	0.0109	0.0161	0.0255	0.0419	0.0577	0.0973	0.1513	0.2223	2.0668
RP10000/A	0.0067	0.0099	0.0131	0.0193	0.0306	0.0502	0.0692	0.1166	0.1813	0.2665	2.3377
PMP/A	0.0132	0.0195	0.0258	0.0379	0.0602	0.0988	0.1361	0.2294	0.3566	0.5241	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RGN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 2994 0	FEATHER FALLS	2965	13	20N	06E	E	M	39.593	121.259	BUTTE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1958	0.09	0.16	0.21	0.32	0.41	0.60	0.72	1.16	1.44	2.22	47.52
1959	*****	*****	0.30	0.56	0.58	0.85	1.36	1.82	2.71	3.52	29.92
1960	0.10	0.15	0.20	0.29	0.35	0.61	0.86	1.49	2.69	4.41	48.96
1961	0.06	0.12	0.18	0.33	0.42	0.76	0.90	1.37	2.07	2.39	32.41
1962	0.20	0.24	0.26	0.40	0.56	0.87	1.03	1.50	2.39	3.96	66.00
1963	0.12	0.18	0.19	0.36	0.57	0.99	1.36	1.92	2.46	2.54	46.46
1964	0.18	0.25	0.35	0.47	0.65	0.84	1.05	1.75	3.28	6.11	51.81
1965	0.20	0.30	0.34	0.41	0.80	1.23	1.40	1.73	2.37	3.59	45.78
1966	0.05	0.10	0.13	0.25	0.45	0.78	1.10	1.87	2.36	2.89	41.76
1967	0.15	0.30	0.42	0.56	0.73	1.27	1.72	2.47	3.17	5.52	52.53
1968	0.08	0.16	0.21	0.31	0.41	0.61	0.98	1.60	2.32	2.52	50.66
1969	*****	*****	*****	*****	0.50	0.60	0.90	1.40	2.00	2.60	******
1970	*****	*****	*****	*****	0.50	0.80	1.00	1.40	2.10	2.60	73.70
1971	*****	*****	*****	*****	0.30	0.60	0.80	1.40	2.10	3.30	******
1972	*****	*****	*****	*****	0.20	0.40	0.40	0.70	1.10	1.70	36.10
1973	*****	*****	0.40	0.50	0.70	0.90	1.20	1.90	2.90	3.80	******
1974	*****	*****	0.20	0.30	0.50	0.80	1.00	1.60	2.30	4.20	45.70

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RGN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 2994 0	FEATHER FALLS	2965	13	20N	06E	E	M	39.593	121.259	BUTTE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.18	0.24	0.37	0.48	0.75	0.98	1.50	2.19	3.20	46.88
5	0.15	0.25	0.33	0.49	0.64	1.00	1.31	2.00	2.93	4.27	59.17
10	0.18	0.29	0.38	0.57	0.74	1.16	1.52	2.32	3.40	4.96	66.13
20	0.20	0.32	0.43	0.64	0.84	1.31	1.72	2.62	3.84	5.60	72.16
25	0.21	0.33	0.44	0.66	0.87	1.35	1.78	2.72	3.98	5.80	73.97
40	0.21	0.34	0.45	0.67	0.88	1.38	1.81	2.76	4.04	5.90	77.61
50	0.23	0.37	0.49	0.73	0.96	1.50	1.97	3.00	4.39	6.40	79.27
100	0.25	0.40	0.54	0.80	1.04	1.63	2.15	3.27	4.79	6.99	84.19
200	0.27	0.43	0.58	0.86	1.13	1.76	2.32	3.54	5.18	7.55	88.83
1000	0.32	0.51	0.68	1.01	1.32	2.06	2.71	4.13	6.05	8.83	98.81
10000	0.38	0.61	0.81	1.21	1.58	2.47	3.25	4.95	7.25	10.58	111.76
PMP	0.75	1.20	1.59	2.38	3.10	4.86	6.40	9.74	14.27	20.82	256.49
MEAN	0.123	0.196	0.261	0.389	0.508	0.795	1.046	1.593	2.333	3.404	47.808
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.272	0.365	0.527	0.558	0.037	0.634	0.214	-0.064	-0.426	0.894	0.686
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.424 ; INTERCEPT (TIME=1 HOUR) =0.545 ; COEFFICIENT OF DETERMINATION = 0.991
1HR INTERCEPT / MEAN YR =0.01141 ; AVERAGE CALC CV / USED CV = 0.98

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	2.561	2.775	2.718	2.721	3.252	3.964	4.394	5.371	4.276	3.897	4.447
N	10	10	13	13	17	17	17	17	17	17	14
RECORD YEAR	1962	1965	1967	1959	1965	1967	1967	1967	1964	1964	1970
RECORD MAXIMUM	0.200	0.300	0.420	0.560	0.800	1.270	1.720	2.470	3.280	6.110	73.700
NORMILIZED MAX	1.366	1.448	1.730	1.639	1.856	2.106	2.221	2.309	1.737	2.287	2.206
CALC. COEF. VAR	0.458	0.367	0.353	0.268	0.310	0.284	0.290	0.238	0.234	0.348	0.245
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0026	0.0041	0.0055	0.0081	0.0106	0.0166	0.0219	0.0333	0.0488	0.0712	1.0000
RP10/A	0.0037	0.0060	0.0079	0.0119	0.0155	0.0242	0.0319	0.0486	0.0711	0.1038	1.3832
RP25/A	0.0044	0.0070	0.0093	0.0139	0.0181	0.0283	0.0373	0.0568	0.0832	0.1214	1.5672
RP50/A	0.0048	0.0077	0.0103	0.0153	0.0200	0.0313	0.0412	0.0627	0.0918	0.1340	1.6580
RP100/A	0.0053	0.0084	0.0112	0.0167	0.0218	0.0341	0.0449	0.0684	0.1002	0.1461	1.7611
RP1000/A	0.0067	0.0106	0.0141	0.0211	0.0275	0.0431	0.0567	0.0864	0.1266	0.1847	2.0668
RP10000/A	0.0080	0.0127	0.0170	0.0253	0.0330	0.0517	0.0680	0.1036	0.1517	0.2214	2.3377
PMP/A	0.0157	0.0251	0.0334	0.0498	0.0649	0.1016	0.1338	0.2037	0.2984	0.4354	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. PSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 4274 0	INSKIP INN	4818	2R	25N	04E		M	40.000	121.533	BUTTE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	0.20	0.30	0.35	0.45	0.65	1.07	1.48	2.60	4.40	7.03	106.33
1942	0.19	0.35	0.48	0.71	1.05	1.34	1.77	3.82	*****	5.85	73.46
1943	0.09	0.17	0.23	0.42	0.81	1.58	2.02	3.71	5.58	8.84	67.51
1944	0.09	0.17	0.24	0.27	0.47	0.76	1.12	2.12	3.38	4.20	72.62
1945	0.15	0.20	0.24	0.35	0.58	1.00	1.29	2.29	4.05	6.39	84.64
1946	0.10	0.18	0.25	0.45	0.79	1.50	2.04	3.60	5.40	7.88	36.14
1947	0.10	0.18	0.25	0.39	0.73	1.38	1.82	2.82	4.59	6.15	58.00
1950	0.30	0.44	0.53	0.70	1.14	1.86	2.20	3.35	4.91	5.71	******
1951	0.10	0.15	0.21	0.33	0.54	0.84	1.10	1.50	2.60	4.66	******
1952	*****	*****	0.22	0.37	0.46	0.75	1.11	1.59	1.97	3.00	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. PSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 4274 0	INSKIP INN	4818	2R	25N	04E		M	40.000	121.533	BUTTE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.22	0.28	0.42	0.77	1.21	1.56	2.62	3.89	5.61	69.86
5	0.18	0.30	0.38	0.56	1.03	1.62	2.08	3.51	5.19	7.49	88.17
10	0.21	0.35	0.44	0.65	1.20	1.88	2.42	4.07	6.03	8.70	98.54
20	0.24	0.39	0.49	0.73	1.35	2.13	2.73	4.60	6.81	9.83	107.53
25	0.25	0.41	0.51	0.76	1.40	2.20	2.83	4.76	7.05	10.18	110.23
40	0.25	0.41	0.52	0.77	1.43	2.24	2.87	4.84	7.17	10.35	115.65
50	0.28	0.45	0.56	0.84	1.55	2.43	3.12	5.26	7.79	11.23	118.12
100	0.30	0.49	0.62	0.91	1.69	2.65	3.40	5.74	8.49	12.26	125.46
200	0.33	0.53	0.67	0.99	1.83	2.87	3.68	6.20	9.18	13.25	132.38
1000	0.38	0.62	0.78	1.15	2.13	3.35	4.30	7.25	10.73	15.49	147.25
10000	0.46	0.74	0.93	1.38	2.56	4.02	5.16	8.69	12.87	18.56	166.54
PMP	0.90	1.45	1.83	2.72	5.03	7.90	10.14	17.09	25.31	36.51	382.22
MEAN	0.147	0.238	0.300	0.444	0.823	1.293	1.659	2.795	4.139	5.971	71.243
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	1.378	1.259	1.441	1.173	0.733	0.286	0.055	-0.157	-0.618	-0.059	-0.000
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.316 ; INTERCEPT (TIME=1 HOUR) =0.786 ; COEFFICIENT OF DETERMINATION = 0.98.
1HR INTERCEPT / MEAN YR =0.01104 ; AVERAGE CALC CV / USED CV = 1.06

KURTOSIS	5.447	4.485	4.536	4.330	3.579	2.960	2.302	2.596	3.539	3.823	5.649
N	9	9	10	10	10	10	10	10	9	10	7
RECORD YEAR	1950	1950	1950	1942	1950	1950	1950	1942	1943	1943	1941
RECORD MAXIMUM	0.300	0.440	0.530	0.710	1.140	1.860	2.200	3.820	5.580	8.840	106.330
NORMILIZED MAX	2.137	1.993	1.997	1.796	1.197	1.393	1.220	1.166	1.157	1.657	1.613
CALC. COEF. VAR	0.489	0.427	0.384	0.334	0.322	0.315	0.267	0.315	0.301	0.290	0.305
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0021	0.0033	0.0042	0.0062	0.0116	0.0181	0.0233	0.0392	0.0581	0.0838	1.0000
RP10/A	0.0030	0.0049	0.0061	0.0091	0.0168	0.0264	0.0339	0.0572	0.0847	0.1221	1.3832
RP25/A	0.0035	0.0057	0.0072	0.0106	0.0197	0.0309	0.0397	0.0669	0.0990	0.1429	1.5472
RP50/A	0.0039	0.0063	0.0079	0.0117	0.0217	0.0341	0.0438	0.0738	0.1093	0.1577	1.6580
RP100/A	0.0042	0.0069	0.0086	0.0128	0.0237	0.0372	0.0478	0.0805	0.1192	0.1720	1.7611
RP1000/A	0.0053	0.0087	0.0109	0.0162	0.0300	0.0471	0.0604	0.1017	0.1507	0.2174	2.0668
RP10000/A	0.0064	0.0104	0.0131	0.0194	0.0359	0.0564	0.0724	0.1220	0.1806	0.2606	2.3377
PMP/A	0.0126	0.0204	0.0257	0.0381	0.0706	0.1109	0.1424	0.2399	0.3552	0.5125	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LDT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 6527 0	DROVILLE DAM	845	01	19N	04E	N	M	39.525	121.567	BUTTE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1960	0.11	0.14	0.18	0.28	0.40	0.61	0.82	1.46	1.83	2.66	26.47
1961	0.35	0.53	0.70	0.88	1.01	1.45	1.45	1.47	2.24	2.71	27.83
1962	0.10	0.16	0.21	0.38	0.41	0.65	0.65	0.76	1.08	1.53	26.63
1963	0.16	0.24	0.26	0.46	0.65	1.05	1.35	1.46	1.78	2.75	42.83
1964	0.07	0.11	0.26	0.41	0.54	0.80	1.13	1.55	1.99	1.99	23.52
1965	0.11	0.15	0.20	0.24	0.37	0.47	0.50	*****	*****	*****	30.06
1966	0.17	0.21	0.30	0.45	0.52	0.68	0.73	1.10	1.67	2.68	24.04
1967	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	43.52
1968	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	23.71
1969	0.05	0.08	0.10	0.18	0.35	0.54	0.78	1.38	2.18	3.39	41.89
1970	0.08	0.10	0.13	0.21	0.35	0.65	1.00	1.55	2.46	3.68	35.96
1971	0.08	0.10	0.12	0.21	0.33	0.50	0.62	0.83	1.28	1.87	28.84
1972	0.24	0.32	0.38	0.58	0.72	1.03	1.32	1.80	2.05	2.42	18.34
1973	0.20	0.28	0.37	0.43	0.45	0.73	0.96	1.66	2.11	3.50	42.65
1974	0.24	0.25	0.34	0.51	0.52	0.65	0.95	1.33	2.17	3.05	44.79

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LDT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 6527 0	DROVILLE DAM	845	01	19N	04E	N	M	39.525	121.567	BUTTE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.14	0.19	0.26	0.38	0.48	0.71	0.89	1.28	1.79	2.51	31.45
5	0.19	0.26	0.34	0.50	0.64	0.95	1.18	1.71	2.39	3.35	39.69
10	0.22	0.30	0.40	0.59	0.74	1.10	1.37	1.99	2.77	3.89	44.36
20	0.25	0.34	0.45	0.66	0.84	1.24	1.55	2.24	3.13	4.39	48.41
25	0.26	0.35	0.47	0.68	0.87	1.29	1.61	2.32	3.24	4.55	49.62
40	0.26	0.36	0.47	0.70	0.88	1.31	1.63	2.36	3.30	4.63	52.06
50	0.28	0.39	0.51	0.76	0.96	1.42	1.77	2.56	3.58	5.02	53.18
100	0.31	0.42	0.56	0.82	1.05	1.55	1.94	2.80	3.91	5.48	56.48
200	0.33	0.46	0.61	0.89	1.13	1.67	2.09	3.02	4.22	5.92	59.59
1000	0.39	0.53	0.71	1.04	1.32	1.96	2.45	3.53	4.94	6.92	66.29
10000	0.47	0.64	0.85	1.25	1.58	2.35	2.93	4.24	5.92	8.30	74.97
PMP	0.92	1.26	1.67	2.46	3.11	4.61	5.77	8.33	11.64	16.32	172.07
MEAN	0.151	0.205	0.273	0.402	0.509	0.755	0.943	1.362	1.903	2.669	32.072
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.032	1.587	1.668	1.193	1.645	1.565	0.352	-0.905	-0.922	-0.106	0.255
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.491 ; INTERCEPT (TIME=1 HOUR) =0.535 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.01668 ; AVERAGE CALC CV / USED CV = 1.38

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	4.258	6.511	7.238	5.598	6.387	5.932	2.777	3.859	4.068	3.045	2.103
N	13	13	13	13	13	13	13	12	12	12	15
RECORD YEAR	1961	1961	1961	1961	1961	1961	1961	1972	1970	1970	1974
RECORD MAXIMUM	0.350	0.530	0.700	0.880	1.010	1.450	1.450	1.800	2.460	3.680	44.790
NORMILIZED MAX	2.287	2.623	2.698	2.490	2.604	2.538	1.692	1.385	1.382	1.518	1.421
CALC. COEF. VAR	0.578	0.602	0.579	0.478	0.378	0.363	0.318	0.232	0.212	0.250	0.279
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0047	0.0064	0.0085	0.0125	0.0159	0.0235	0.0294	0.0425	0.0593	0.0832	1.0000
RP10/A	0.0069	0.0093	0.0124	0.0182	0.0231	0.0343	0.0429	0.0619	0.0865	0.1213	1.3832
RP25/A	0.0080	0.0109	0.0145	0.0213	0.0271	0.0401	0.0501	0.0724	0.1011	0.1418	1.5472
RP50/A	0.0088	0.0120	0.0160	0.0236	0.0299	0.0443	0.0553	0.0799	0.1117	0.1566	1.6580
RP100/A	0.0096	0.0131	0.0175	0.0257	0.0326	0.0483	0.0604	0.0872	0.1218	0.1708	1.7611
RP1000/A	0.0122	0.0166	0.0221	0.0325	0.0412	0.0610	0.0763	0.1102	0.1539	0.2159	2.0668
RP10000/A	0.0146	0.0199	0.0265	0.0389	0.0494	0.0732	0.0914	0.1321	0.1845	0.2587	2.3377
PMP/A	0.0287	0.0392	0.0521	0.0766	0.0971	0.1439	0.1798	0.2598	0.3629	0.5089	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 B544 0	STIRLING CITY P S	3518	28	24N	04E	K	M	39.905	121.528	BUTTE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1957	*****	*****	*****	*****	0.47	0.93	1.24	1.71	3.00	4.55	76.00
1958	0.07	0.10	0.13	0.26	0.52	0.91	1.27	2.34	3.99	5.15	78.94
1959	0.25	0.30	0.33	0.41	0.55	0.90	1.31	2.37	3.55	4.70	49.03
1960	0.16	0.21	0.24	0.35	0.55	0.86	1.36	2.32	4.14	7.44	78.38
1961	0.09	0.17	0.15	0.25	0.50	0.75	1.04	1.51	2.54	3.17	51.76
1962	0.11	0.20	0.26	0.47	0.75	1.18	1.71	3.35	6.06	9.51	78.00
1963	0.09	0.14	0.21	0.34	0.60	0.99	1.34	2.03	2.36	2.43	64.00
1964	0.15	0.24	0.35	0.64	0.65	0.95	1.33	1.98	2.89	4.70	75.83
1965	0.22	0.27	0.31	0.42	0.59	0.98	1.21	1.73	2.52	3.66	66.57
1966	0.09	0.12	0.15	0.25	0.44	0.84	1.14	2.07	3.16	4.56	54.60
1967	0.14	0.24	0.34	0.67	1.02	1.17	1.30	2.11	3.03	4.15	75.66
1968	*****	*****	*****	*****	0.80	1.10	1.60	2.60	3.90	5.40	75.00
1969	*****	*****	*****	*****	0.80	1.30	2.00	2.70	4.40	7.60	96.50
1970	*****	*****	*****	*****	1.30	1.50	1.90	3.00	5.10	6.20	102.90
1971	*****	*****	*****	*****	0.60	1.20	1.70	3.10	5.00	6.00	51.00
1972	*****	*****	*****	*****	1.40	2.10	2.20	2.50	2.80	3.30	60.80
1973	*****	*****	0.90	1.00	1.10	1.40	1.60	2.80	4.60	6.60	105.20
1974	*****	*****	0.50	0.80	0.80	1.20	1.70	2.90	4.70	7.60	75.80

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 B544 0	STIRLING CITY P S	3518	28	24N	04E	K	M	39.905	121.528	BUTTE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.18	0.30	0.46	0.70	1.06	1.41	2.25	3.53	5.04	71.69
5	0.17	0.24	0.40	0.61	0.94	1.41	1.88	3.00	4.72	6.74	90.68
10	0.20	0.28	0.47	0.71	1.09	1.64	2.18	3.49	5.48	7.83	101.12
20	0.23	0.32	0.53	0.80	1.23	1.85	2.46	3.94	6.19	8.84	110.35
25	0.23	0.33	0.55	0.83	1.27	1.92	2.55	4.08	6.41	9.16	113.11
40	0.24	0.34	0.56	0.85	1.29	1.95	2.59	4.15	6.52	9.31	118.68
50	0.26	0.36	0.61	0.92	1.40	2.12	2.82	4.51	7.08	10.11	121.22
100	0.28	0.40	0.66	1.00	1.53	2.31	3.07	4.92	7.72	11.03	128.75
200	0.30	0.43	0.71	1.08	1.66	2.50	3.32	5.32	8.35	11.92	135.85
1000	0.36	0.50	0.83	1.27	1.94	2.92	3.88	6.21	9.76	13.94	151.10
10000	0.43	0.60	1.00	1.52	2.32	3.50	4.65	7.45	11.70	16.71	170.91
PMP	0.84	1.19	1.97	2.99	4.57	6.88	9.16	14.65	23.01	32.86	392.23
MEAN	0.137	0.194	0.322	0.488	0.747	1.176	1.497	2.396	3.762	5.373	73.109
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.906	0.012	2.100	1.012	1.176	1.802	0.705	0.087	0.492	0.526	0.415
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.328 ; INTERCEPT (TIME=1 HOUR) =0.732 ; COEFFICIENT OF DETERMINATION = 0.971
1HR INTERCEPT / MEAN YR =0.01001 ; AVERAGE CALC CV / USED CV = 1.18

KURTOSIS	3.813	2.588	8.603	3.939	3.900	7.582	3.170	2.686	2.857	3.310	3.165
N	10	10	12	12	18	18	18	18	18	18	18
RECORD YEAR	1959	1959	1973	1973	1972	1972	1972	1962	1962	1962	1973
RECORD MAXIMUM	0.250	0.300	0.900	1.000	1.400	2.100	2.200	3.350	6.040	9.510	105.200
NORMILIZED MAX	1.889	1.512	2.747	2.133	2.295	3.071	2.197	1.848	2.159	2.231	1.924
CALC. COEF. VAR	0.437	0.361	0.655	0.491	0.381	0.282	0.214	0.216	0.280	0.345	0.228
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0019	0.0027	0.0044	0.0067	0.0102	0.0154	0.0205	0.0328	0.0515	0.0735	1.0000
RP10/A	0.0027	0.0039	0.0064	0.0097	0.0149	0.0224	0.0298	0.0477	0.0750	0.1071	1.3832
RP25/A	0.0032	0.0045	0.0075	0.0114	0.0174	0.0262	0.0349	0.0558	0.0877	0.1253	1.5472
RP50/A	0.0035	0.0050	0.0083	0.0126	0.0192	0.0290	0.0385	0.0616	0.0968	0.1383	1.6580
RP100/A	0.0038	0.0054	0.0090	0.0137	0.0210	0.0316	0.0420	0.0673	0.1056	0.1509	1.7611
RP1000/A	0.0049	0.0069	0.0114	0.0173	0.0265	0.0399	0.0531	0.0850	0.1335	0.1906	2.0668
RP10000/A	0.0058	0.0082	0.0137	0.0208	0.0318	0.0479	0.0637	0.1019	0.1600	0.2285	2.3377
PMP/A	0.0115	0.0162	0.0269	0.0408	0.0625	0.0941	0.1252	0.2004	0.3147	0.4494	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
820 1428 0	CAMP PARDEE	658	35	05N	10E	C	M	38.250	120.844	CALAVERAS

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1942	0.32	0.46	0.53	0.66	0.82	0.97	0.99	1.66	1.76	2.82	25.08
1943	0.31	0.37	0.42	0.48	0.53	0.54	0.71	1.15	1.32	2.24	22.20
1944	0.22	0.30	0.38	0.47	0.50	0.55	0.64	1.31	2.26	2.57	23.31
1945	0.21	0.25	0.30	0.48	0.76	0.95	1.14	1.45	1.62	2.04	23.84
1946	0.11	0.15	0.18	0.28	0.40	0.54	0.55	0.87	1.33	1.96	14.70
1947	0.19	0.25	0.26	0.27	0.42	0.55	0.63	0.78	0.98	1.14	12.52
1948	0.10	0.18	0.19	0.35	0.48	0.69	0.78	0.97	1.08	1.90	20.47
1949	0.13	0.23	0.26	0.32	0.40	0.50	0.53	0.95	1.28	1.96	13.73
1950	0.24	0.25	0.28	0.31	0.58	0.66	0.79	0.97	1.58	3.13	29.38
1951	0.18	0.30	0.35	0.45	0.71	0.83	0.90	1.44	1.76	1.93	23.07
1952	0.28	0.47	0.53	0.58	0.75	0.96	1.05	1.11	1.27	1.39	23.43
1953	0.18	0.26	0.35	0.47	0.50	0.65	0.78	1.08	1.63	1.86	14.57
1954	0.19	0.25	0.30	0.44	0.69	0.75	0.85	1.00	1.35	2.14	18.89
1955	0.14	0.20	0.28	0.37	0.58	0.78	0.99	1.24	1.94	2.56	23.17
1956	0.18	0.21	0.23	0.26	0.45	0.63	0.75	1.01	1.17	1.34	16.13
1957	0.20	0.25	0.42	0.62	0.83	0.91	1.01	1.15	1.20	1.80	19.72
1958	0.21	0.39	0.56	0.85	1.01	1.03	1.06	1.47	2.23	2.49	25.29
1959	0.15	0.21	0.31	0.42	0.48	0.67	0.72	1.06	1.52	1.77	13.77
1960	0.25	0.41	0.49	0.64	0.92	1.23	1.45	1.89	1.89	1.93	16.85
1961	0.12	0.18	0.19	0.25	0.35	0.41	0.44	0.71	0.78	1.20	11.69
1962	0.10	0.12	0.16	0.31	0.58	0.85	1.09	1.49	1.78	2.74	21.89
1963	0.23	0.30	0.40	0.44	0.49	0.80	1.16	1.70	1.74	2.28	22.72
1964	0.25	0.37	0.33	0.48	0.82	1.04	1.09	1.16	1.57	1.70	23.62
1965	0.05	0.09	0.12	0.18	0.35	0.53	0.64	0.91	1.09	1.10	16.49
1966	0.42	0.45	0.47	0.50	0.52	0.75	0.86	1.12	1.29	1.80	14.86
1967	0.35	0.45	0.51	0.87	1.20	1.25	1.41	1.67	2.10	3.05	28.22
1968	0.12	0.20	0.23	0.30	0.43	0.71	0.82	1.22	2.09	2.49	20.16
1969	0.46	0.53	0.54	0.60	0.65	0.73	0.83	0.99	1.62	2.42	28.76
1970	0.14	0.20	0.23	0.31	0.40	0.59	0.81	1.31	2.01	2.45	25.45
1971	0.23	0.32	0.38	0.48	0.66	0.93	1.09	1.16	1.55	2.37	17.18
1972	0.22	0.33	0.35	0.65	0.65	0.65	0.70	0.76	0.81	1.14	14.10
1973	*****	*****	*****	*****	0.62	0.87	1.00	1.11	1.55	1.76	34.08
1974	*****	*****	*****	*****	0.32	0.50	0.58	0.79	1.14	1.44	18.39

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
820 1428 0	CAMP PARDEE	658	35	05N	10E	C	M	38.250	120.844	CALAVERAS

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.20	0.27	0.32	0.43	0.56	0.71	0.82	1.11	1.43	1.91	20.04
5	0.26	0.36	0.42	0.57	0.75	0.95	1.10	1.48	1.91	2.55	25.37
10	0.30	0.42	0.49	0.67	0.88	1.10	1.27	1.72	2.22	2.96	28.44
20	0.34	0.48	0.56	0.75	0.99	1.24	1.44	1.95	2.51	3.34	31.14
25	0.36	0.49	0.58	0.78	1.03	1.29	1.49	2.02	2.60	3.46	31.95
40	0.36	0.50	0.59	0.79	1.04	1.31	1.51	2.05	2.65	3.52	33.60
50	0.38	0.55	0.64	0.86	1.13	1.42	1.64	2.23	2.87	3.82	34.35
100	0.43	0.59	0.70	0.94	1.24	1.55	1.79	2.43	3.13	4.17	36.59
200	0.46	0.64	0.75	1.02	1.34	1.68	1.94	2.63	3.39	4.51	38.71
1000	0.54	0.75	0.88	1.19	1.56	1.96	2.27	3.07	3.96	5.27	43.31
10000	0.65	0.90	1.06	1.42	1.87	2.35	2.72	3.68	4.75	6.31	49.35
PMP	1.28	1.77	2.08	2.80	3.68	4.62	5.34	7.24	9.34	12.42	110.18
MEAN	0.209	0.290	0.340	0.458	0.602	0.756	0.874	1.183	1.527	2.031	20.537
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.918	0.383	0.220	0.678	0.992	0.611	0.477	0.539	0.093	0.052	0.347
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.603 ; INTERCEPT (TIME=1 HOUR) =0.583 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.02838 ; AVERAGE CALC CV / USED CV = 1.03

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.211	2.691	2.326	3.383	4.132	3.079	3.266	2.814	2.600	2.555	2.855
N	31	31	31	31	33	33	33	33	33	33	33
RECORD YEAR	1969	1969	1958	1967	1967	1967	1960	1960	1944	1950	1973
RECORD MAXIMUM	0.460	0.530	0.560	0.870	1.200	1.250	1.450	1.890	2.260	3.130	34.080
NORMILIZED MAX	2.708	2.167	1.778	2.418	2.926	2.350	2.404	2.348	1.852	1.987	2.470
CALC. COEF. VAR	0.443	0.383	0.365	0.372	0.340	0.278	0.274	0.254	0.259	0.273	0.267
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0102	0.0141	0.0165	0.0223	0.0293	0.0368	0.0426	0.0576	0.0743	0.0989	1.0000
RP10/A	0.0148	0.0206	0.0241	0.0325	0.0427	0.0536	0.0620	0.0840	0.1083	0.1441	1.3850
RP25/A	0.0173	0.0240	0.0282	0.0380	0.0499	0.0627	0.0725	0.0982	0.1267	0.1685	1.5559
RP50/A	0.0191	0.0265	0.0311	0.0419	0.0551	0.0693	0.0801	0.1084	0.1399	0.1860	1.6725
RP100/A	0.0209	0.0290	0.0339	0.0457	0.0601	0.0756	0.0873	0.1183	0.1526	0.2029	1.7815
RP1000/A	0.0264	0.0366	0.0429	0.0578	0.0760	0.0955	0.1104	0.1494	0.1928	0.2564	2.1090
RP10000/A	0.0316	0.0439	0.0514	0.0693	0.0911	0.1145	0.1323	0.1791	0.2311	0.3074	2.4030
PMP/A	0.0622	0.0863	0.1011	0.1363	0.1792	0.2251	0.2602	0.3523	0.4546	0.6046	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
820 4018 1	HOGAN DAM	749	31	04N	11E	M	M	38.155	120.814	CALAVERAS

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1962	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	19.74
1963	*****	*****	0.39	0.61	0.72	1.00	1.28	1.72	1.87	3.06	22.32
1964	*****	*****	0.72	0.88	0.97	1.26	1.32	1.41	1.42	1.84	15.21
1965	*****	*****	0.31	0.37	0.58	0.72	0.78	1.12	1.45	1.97	22.65
1966	*****	*****	0.22	0.27	0.54	0.72	0.76	1.34	1.78	2.02	15.19
1967	*****	*****	0.32	0.56	0.67	0.75	0.98	1.68	2.31	3.25	29.60
1968	*****	*****	0.15	0.22	0.32	0.66	0.82	0.94	1.83	2.10	14.56
1969	*****	*****	0.27	0.33	0.44	0.86	1.03	1.48	2.07	2.48	29.48
1970	*****	*****	0.22	0.28	0.45	0.87	1.10	1.63	1.64	2.50	18.43
1971	*****	*****	0.26	0.42	0.53	0.78	0.94	1.30	1.50	2.57	18.50
1972	*****	*****	0.28	0.37	0.51	0.58	0.71	1.17	1.80	2.78	13.49
1973	*****	*****	0.39	0.50	0.56	0.76	0.78	0.90	1.29	1.74	24.48
1974	*****	*****	0.28	0.34	0.44	0.71	0.97	1.25	1.85	2.03	21.82

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
820 4018 1	HOGAN DAM	749	31	04N	11E	M	M	38.155	120.814	CALAVERAS

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.30	0.40	0.52	0.75	0.90	1.25	1.63	2.22	19.93
5	0.0	0.0	0.40	0.54	0.69	1.01	1.20	1.67	2.17	2.96	25.22
10	0.0	0.0	0.46	0.63	0.81	1.17	1.39	1.94	2.53	3.44	28.28
20	0.0	0.0	0.52	0.71	0.91	1.32	1.57	2.19	2.85	3.89	30.96
25	0.0	0.0	0.54	0.73	0.94	1.37	1.63	2.26	2.96	4.03	31.77
40	0.0	0.0	0.55	0.74	0.96	1.39	1.66	2.30	3.01	4.09	33.41
50	0.0	0.0	0.60	0.81	1.04	1.51	1.80	2.50	3.26	4.44	34.15
100	0.0	0.0	0.65	0.88	1.13	1.65	1.96	2.73	3.56	4.85	36.38
200	0.0	0.0	0.70	0.95	1.23	1.78	2.12	2.95	3.85	5.24	38.49
1000	0.0	0.0	0.82	1.11	1.43	2.09	2.48	3.45	4.50	6.13	43.07
10000	0.0	0.0	0.99	1.33	1.72	2.50	2.97	4.13	5.39	7.34	49.07
PMP	0.0	0.0	1.94	2.62	3.38	4.92	5.84	8.12	10.60	14.44	109.56
MEAN	0.0	0.0	0.317	0.429	0.552	0.804	0.956	1.328	1.734	2.362	20.421
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	2.157	1.417	1.507	1.565	0.673	-0.086	0.349	0.550	0.507
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.555 ; INTERCEPT (TIME=1 HOUR) =0.580 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.02841 ; AVERAGE CALC CV / USED CV = 0.95

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	9.237	5.771	6.944	6.560	3.254	2.878	3.676	2.967	3.084
N	0	0	12	12	12	12	12	12	12	12	13
RECORD YEAR	0	0	1964	1964	1964	1964	1964	1963	1967	1967	1967
RECORD MAXIMUM	0.0	0.0	0.720	0.880	0.970	1.260	1.320	1.720	2.310	3.250	29.600
NORMILIZED MAX	0.0	0.0	2.796	2.444	2.546	2.522	1.812	1.446	1.978	1.815	1.729
CALC. COEF. VAR	0.0	0.0	0.453	0.430	0.297	0.225	0.210	0.204	0.168	0.207	0.260
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0	0.0155	0.0210	0.0271	0.0394	0.0468	0.0650	0.0849	0.1157	1.0000
RP10/A	0.0	0.0	0.0227	0.0306	0.0394	0.0574	0.0682	0.0948	0.1238	0.1685	1.3850
RP25/A	0.0	0.0	0.0265	0.0358	0.0461	0.0671	0.0798	0.1109	0.1447	0.1971	1.5559
RP50/A	0.0	0.0	0.0293	0.0395	0.0509	0.0741	0.0881	0.1224	0.1598	0.2176	1.6725
RP100/A	0.0	0.0	0.0319	0.0431	0.0555	0.0808	0.0961	0.1335	0.1743	0.2374	1.7815
RP1000/A	0.0	0.0	0.0403	0.0545	0.0702	0.1021	0.1214	0.1687	0.2203	0.3000	2.1090
RP10000/A	0.0	0.0	0.0483	0.0653	0.0841	0.1224	0.1455	0.2022	0.2640	0.3596	2.4030
PMP/A	0.0	0.0	0.0951	0.1285	0.1654	0.2408	0.2862	0.3978	0.5193	0.7072	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
B30 1280 0	CALAVERAS R S	3343	1B	04N	15E	L	M	38.197	120.365	CALAVERAS

H=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1944	0.16	0.31	0.34	0.60	0.85	1.16	1.26	1.83	2.90	4.66	******
1945	0.20	0.30	0.34	0.45	0.63	1.17	1.49	2.33	2.99	5.49	55.76
1946	0.12	0.19	0.27	0.41	0.68	0.83	1.18	2.11	3.61	5.89	35.63
1947	0.08	0.14	0.15	0.27	0.39	0.63	0.72	1.22	2.11	2.34	23.41
1948	0.13	0.19	0.23	0.26	0.34	0.54	0.75	1.40	1.97	2.97	31.90
1949	0.14	0.18	0.22	0.36	0.52	0.81	0.94	1.42	1.61	2.95	29.38
1950	0.31	0.54	0.56	0.74	1.01	1.45	1.72	2.86	4.98	8.41	76.16
1951	*****	*****	0.20	0.37	0.45	0.63	0.94	1.42	2.41	3.75	49.57
1952	*****	*****	0.15	0.24	0.48	0.83	1.24	1.68	2.44	3.56	51.44
1953	*****	*****	0.38	0.45	0.53	0.81	1.20	1.97	2.63	4.12	31.35
1954	*****	*****	0.15	0.28	0.52	0.70	0.90	1.63	2.60	2.96	43.10
1955	*****	*****	0.20	0.38	0.55	0.95	1.40	2.74	3.80	6.97	51.86
1956	*****	*****	0.40	0.75	0.85	1.12	1.25	1.63	2.50	2.85	34.28
1957	*****	*****	0.40	0.48	0.81	1.15	1.45	2.24	3.47	4.52	41.37
1958	*****	*****	0.10	0.19	0.36	0.67	0.93	1.64	2.72	3.33	51.10
1959	*****	*****	0.20	0.25	0.40	0.69	1.01	1.91	3.40	4.44	29.70
1960	*****	*****	0.48	0.52	0.66	0.86	1.24	1.97	2.50	4.59	37.75
1961	*****	*****	0.18	0.21	0.39	0.62	0.73	1.15	1.41	1.64	24.03
1962	*****	*****	0.18	0.26	0.49	0.94	1.33	2.16	2.98	3.71	39.34
1963	*****	*****	0.35	0.65	0.93	1.60	2.23	3.95	5.42	7.97	56.92
1964	*****	*****	0.28	0.38	0.46	0.76	0.99	1.76	2.50	3.85	59.36
1965	*****	*****	0.13	0.25	0.44	0.74	1.04	1.47	1.81	2.55	43.45
1966	*****	*****	0.30	0.45	0.60	1.00	1.24	1.87	2.69	3.54	29.25
1967	*****	*****	0.35	0.55	0.65	0.80	1.10	1.74	2.55	3.56	52.08
1968	*****	*****	0.25	0.33	0.47	0.65	0.86	1.56	2.70	3.79	38.72
1969	*****	*****	0.28	0.39	0.56	0.92	1.14	2.20	3.51	5.49	68.04
1970	*****	*****	0.26	0.41	0.54	0.90	1.17	1.71	2.80	4.15	55.85
1971	*****	*****	0.22	0.35	0.48	0.69	0.89	1.46	1.65	2.66	30.57
1972	*****	*****	0.27	0.48	0.66	0.91	1.25	1.80	2.40	2.66	27.55
1973	*****	*****	*****	*****	0.65	0.94	1.35	2.17	2.94	3.60	57.30
1974	*****	*****	*****	*****	0.60	0.92	1.22	1.91	2.46	3.23	39.62

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
B30 1280 0	CALAVERAS R S	3343	1B	04N	15E	L	M	38.197	120.365	CALAVERAS

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.15	0.25	0.25	0.38	0.54	0.83	1.09	1.79	2.62	3.82	42.09
5	0.20	0.33	0.34	0.51	0.73	1.11	1.46	2.39	3.50	5.11	53.27
10	0.24	0.39	0.39	0.59	0.84	1.29	1.70	2.77	4.06	5.93	59.73
20	0.27	0.43	0.44	0.66	0.95	1.45	1.92	3.13	4.59	6.70	65.40
25	0.28	0.45	0.46	0.69	0.99	1.51	1.99	3.24	4.75	6.94	67.10
40	0.28	0.46	0.47	0.70	1.00	1.53	2.02	3.30	4.83	7.06	70.55
50	0.31	0.50	0.51	0.76	1.09	1.66	2.19	3.58	5.25	7.66	72.13
100	0.33	0.54	0.55	0.83	1.19	1.81	2.39	3.91	5.72	8.36	76.83
200	0.36	0.59	0.60	0.90	1.28	1.96	2.59	4.22	6.19	9.03	81.29
1000	0.42	0.69	0.70	1.05	1.50	2.29	3.03	4.94	7.23	10.56	90.96
10000	0.51	0.82	0.86	1.26	1.80	2.75	3.63	5.92	8.67	12.66	103.64
PMP	1.00	1.62	1.65	2.47	3.54	5.40	7.13	11.64	17.05	24.89	231.38
MEAN	0.163	0.264	0.270	0.404	0.578	0.884	1.166	1.904	2.789	4.071	43.128
CLOCK HR. CORR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.432	1.604	0.782	0.776	0.925	1.252	1.353	1.952	1.286	1.306	0.466
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.468 ; INTERCEPT (TIME=1 HOUR) =0.611 ; COEFFICIENT OF DETERMINATION = 0.988
1HR INTERCEPT / MEAN YR =0.01416 ; AVERAGE CALC CV / USED CV = 1.08

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	6.910	7.066	3.741	3.368	3.588	5.018	6.836	8.805	5.759	4.832	2.741
N	7	7	29	29	31	31	31	31	31	31	30
RECORD YEAR	1950	1950	1950	1956	1950	1963	1963	1963	1963	1950	1950
RECORD MAXIMUM	0.310	0.540	0.560	0.750	1.010	1.600	2.230	3.950	5.420	8.410	74.160
NORMILIZED MAX	1.974	2.009	2.685	2.309	2.553	2.981	3.468	3.754	3.039	2.767	2.344
CALC. COEF. VAR	0.458	0.519	0.401	0.371	0.292	0.272	0.263	0.286	0.310	0.385	0.307
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0038	0.0061	0.0063	0.0094	0.0134	0.0205	0.0270	0.0441	0.0647	0.0944	1.0000
RP10/A	0.0055	0.0089	0.0091	0.0136	0.0195	0.0299	0.0394	0.0643	0.0942	0.1376	1.3850
RP25/A	0.0064	0.0104	0.0107	0.0160	0.0229	0.0349	0.0461	0.0752	0.1102	0.1609	1.5559
RP50/A	0.0071	0.0115	0.0118	0.0176	0.0252	0.0385	0.0509	0.0830	0.1217	0.1776	1.6725
RP100/A	0.0078	0.0126	0.0128	0.0192	0.0275	0.0420	0.0555	0.0906	0.1327	0.1937	1.7815
RP1000/A	0.0098	0.0159	0.0162	0.0243	0.0348	0.0531	0.0701	0.1145	0.1677	0.2448	2.1090
RP10000/A	0.0117	0.0191	0.0194	0.0291	0.0417	0.0637	0.0841	0.1372	0.2011	0.2935	2.4030
PMP/A	0.0231	0.0375	0.0382	0.0573	0.0820	0.1253	0.1654	0.2699	0.3954	0.5772	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
830 2003 0	COPPEROPOLIS	1000	34	02N	12E	K	M	37.983	120.633	CALAVERAS

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
1955	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	20.71
1956	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	36.00
1958	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	33.38
1959	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	14.95
1960	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	19.11
1961	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	14.40
1962	*****	*****	0.21	0.29	0.43	0.59	0.80	1.16	1.38	1.96	20.87
1963	*****	*****	0.26	0.48	0.74	1.06	1.36	2.13	2.41	3.78	28.55
1964	*****	*****	0.15	0.26	0.49	0.81	1.02	1.52	1.57	2.52	19.29
1965	*****	*****	0.29	0.43	0.48	0.76	0.89	1.30	1.78	2.93	29.53
1966	*****	*****	0.24	0.35	0.43	0.64	0.92	1.33	1.97	2.03	18.77
1967	*****	*****	0.30	0.43	0.63	0.68	0.97	1.22	2.12	3.14	30.69
1968	*****	*****	0.22	0.27	0.32	0.60	0.67	0.93	1.77	1.95	17.36
1969	*****	*****	0.27	0.32	0.50	0.79	1.14	1.62	2.48	3.72	37.45
1970	*****	*****	0.26	0.44	0.58	0.74	0.92	1.60	1.71	2.66	26.86
1971	*****	*****	0.26	0.40	0.48	0.66	0.83	1.32	1.54	1.90	20.74
1972	*****	*****	0.17	0.18	0.29	0.43	0.62	1.03	1.62	2.42	15.63
1973	*****	*****	0.39	0.55	0.63	0.67	0.82	1.11	1.48	2.20	31.93
1974	*****	*****	0.26	0.27	0.36	0.58	0.87	1.21	1.43	1.96	28.96

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
830 2003 0	COPPEROPOLIS	1000	34	02N	12E	K	M	37.983	120.633	CALAVERAS

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
2	0.0	0.0	0.24	0.34	0.46	0.65	0.85	1.26	1.68	2.40	23.91
5	0.0	0.0	0.33	0.45	0.61	0.87	1.14	1.69	2.24	3.20	30.27
10	0.0	0.0	0.38	0.52	0.71	1.01	1.33	1.96	2.61	3.72	33.94
20	0.0	0.0	0.43	0.59	0.81	1.14	1.50	2.21	2.94	4.20	37.16
25	0.0	0.0	0.44	0.61	0.83	1.18	1.55	2.29	3.05	4.35	38.13
40	0.0	0.0	0.45	0.62	0.85	1.20	1.58	2.33	3.10	4.42	40.09
50	0.0	0.0	0.49	0.68	0.92	1.30	1.71	2.53	3.37	4.80	40.98
100	0.0	0.0	0.53	0.74	1.00	1.42	1.87	2.76	3.67	5.24	43.66
200	0.0	0.0	0.58	0.80	1.09	1.54	2.02	2.98	3.97	5.66	46.19
1000	0.0	0.0	0.67	0.93	1.27	1.80	2.36	3.49	4.64	6.62	51.68
10000	0.0	0.0	0.81	1.12	1.52	2.15	2.83	4.18	5.56	7.93	58.88
PMP	0.0	0.0	1.59	2.20	2.99	4.24	5.56	8.22	10.94	15.60	131.46
MEAN	0.0	0.0	0.260	0.359	0.489	0.693	0.910	1.345	1.789	2.552	24.504
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.335	0.122	0.303	0.890	0.893	1.273	0.930	0.883	0.264
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.505 ; INTERCEPT (TIME=1 HOUR) =0.506 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.02066 ; AVERAGE CALC CV / USED CV = 0.73

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
KURTOSIS	0.0	0.0	3.828	3.014	3.355	5.950	5.163	5.717	3.488	3.264	2.129
N	0	0	13	13	13	13	13	13	13	13	19
RECORD YEAR	0	0	1973	1973	1963	1963	1963	1963	1969	1963	1969
RECORD MAXIMUM	0.0	0.0	0.390	0.550	0.740	1.060	1.360	2.130	2.480	3.780	37.450
NORMILIZED MAX	0.0	0.0	1.934	1.809	1.928	2.445	2.346	2.499	1.927	1.853	1.739
CALC. COEF. VAR	0.0	0.0	0.258	0.294	0.266	0.217	0.211	0.234	0.200	0.260	0.304
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0	0.0106	0.0147	0.0200	0.0283	0.0371	0.0549	0.0730	0.1041	1.0000
RP10/A	0.0	0.0	0.0155	0.0214	0.0291	0.0412	0.0541	0.0800	0.1064	0.1517	1.3850
RP25/A	0.0	0.0	0.0181	0.0250	0.0340	0.0482	0.0633	0.0935	0.1245	0.1775	1.5559
RP50/A	0.0	0.0	0.0200	0.0276	0.0376	0.0532	0.0699	0.1032	0.1374	0.1959	1.6725
RP100/A	0.0	0.0	0.0218	0.0301	0.0410	0.0581	0.0762	0.1126	0.1499	0.2137	1.7815
RP1000/A	0.0	0.0	0.0275	0.0380	0.0518	0.0734	0.0963	0.1423	0.1894	0.2701	2.1090
RP10000/A	0.0	0.0	0.0330	0.0456	0.0621	0.0879	0.1155	0.1706	0.2270	0.3237	2.4030
PMP/A	0.0	0.0	0.0649	0.0896	0.1221	0.1730	0.2271	0.3355	0.4465	0.6367	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A00 9677 0	WILLIAMS	90	13	15N	03W		M	39.150	122.150	COLUSA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
	DURATION										
1940	*****	*****	*****	*****	0.19	0.28	0.56	1.12	1.62	2.00	******
1945	0.16	0.20	0.21	0.21	0.23	0.43	0.52	0.68	0.86	1.38	16.49
1946	0.07	0.09	0.11	0.16	0.19	0.36	0.46	0.45	0.65	1.27	7.02
1947	0.06	0.09	0.12	0.17	0.22	0.34	0.48	0.62	0.91	1.15	9.28
1948	0.11	0.21	0.26	0.28	0.32	0.52	0.70	1.06	1.34	1.74	14.77
1949	0.18	0.24	0.29	0.31	0.33	0.38	0.48	0.61	0.76	1.10	9.89
1950	0.11	0.13	0.17	0.31	0.34	0.42	0.61	0.92	1.41	2.30	16.21
1951	0.09	0.15	0.22	0.26	0.35	0.50	0.78	1.32	2.22	2.37	12.93
1952	*****	*****	*****	*****	0.32	0.60	0.83	1.38	2.19	2.24	19.98
1953	0.24	0.32	0.33	0.38	0.44	0.78	0.90	1.28	1.50	2.16	11.21
1954	0.04	0.08	0.11	0.21	0.40	0.66	0.78	1.05	1.32	1.86	15.15
1955	0.08	0.14	0.20	0.33	0.49	0.67	0.90	1.26	1.42	2.67	13.65
1956	0.08	0.11	0.19	0.31	0.49	0.86	0.90	0.94	1.37	1.45	11.63
1957	0.27	0.32	0.40	0.52	0.62	0.62	0.79	1.12	1.30	1.95	15.21
1958	0.11	0.15	0.17	0.24	0.28	0.53	0.70	1.18	1.77	2.54	21.49
1959	0.03	0.06	0.09	0.16	0.32	0.54	0.76	1.08	1.57	2.12	10.05
1960	0.10	0.15	0.17	0.23	0.28	0.39	0.51	0.81	0.88	0.95	14.46
1961	0.13	0.16	0.18	0.22	0.32	0.41	0.54	0.88	1.29	1.93	13.11
1962	0.05	0.09	0.14	0.24	0.31	0.45	0.60	0.89	1.73	1.79	14.81
1963	0.08	0.15	0.19	0.24	0.30	0.57	0.71	1.04	1.29	2.08	14.36
1964	0.08	0.13	0.17	0.22	0.41	0.61	0.85	1.27	1.43	1.55	12.30
1966	0.24	0.34	0.56	0.68	0.77	0.99	1.22	1.55	2.00	2.11	10.00
1967	0.08	0.10	0.14	0.20	0.30	0.48	0.53	0.70	1.04	1.35	18.79
1968	0.08	0.12	0.16	0.28	0.46	0.58	0.63	0.89	1.29	2.13	17.90
1969	0.05	0.09	0.12	0.21	0.37	0.49	0.62	0.80	1.23	1.56	17.25
1970	0.11	0.13	0.15	0.18	0.43	0.78	1.13	2.17	2.86	3.05	19.67
1971	0.06	0.07	0.08	0.10	0.18	0.33	0.43	0.69	0.89	1.04	7.69
1972	0.19	0.22	0.30	0.38	0.41	0.54	0.55	0.56	0.83	1.40	11.04
1973	*****	*****	*****	*****	0.38	0.68	0.95	1.28	1.61	2.15	22.51
1974	*****	*****	*****	*****	0.15	0.26	0.39	0.68	1.00	1.52	12.37

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A00 9677 0	WILLIAMS	90	13	15N	03W		M	39.150	122.150	COLUSA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.10	0.15	0.19	0.25	0.33	0.50	0.65	0.95	1.30	1.72	13.90
5	0.14	0.20	0.25	0.34	0.45	0.68	0.87	1.28	1.75	2.31	17.96
10	0.16	0.23	0.30	0.40	0.52	0.79	1.01	1.49	2.04	2.68	20.26
20	0.18	0.26	0.33	0.45	0.59	0.89	1.15	1.69	2.30	3.04	22.26
25	0.19	0.27	0.35	0.46	0.61	0.92	1.19	1.75	2.39	3.15	22.86
40	0.19	0.27	0.35	0.47	0.62	0.94	1.21	1.78	2.43	3.20	24.06
50	0.21	0.30	0.38	0.51	0.67	1.02	1.31	1.93	2.64	3.48	24.61
100	0.23	0.32	0.42	0.56	0.74	1.11	1.43	2.11	2.88	3.80	26.24
200	0.25	0.35	0.45	0.61	0.80	1.21	1.55	2.28	3.12	4.11	27.78
1000	0.29	0.41	0.53	0.71	0.93	1.41	1.81	2.67	3.65	4.81	31.08
10000	0.35	0.49	0.63	0.85	1.12	1.69	2.18	3.20	4.38	5.77	35.36
PMP	0.69	0.97	1.25	1.68	2.21	3.34	4.29	6.32	8.64	11.38	83.24
MEAN	0.111	0.155	0.201	0.270	0.355	0.537	0.690	1.016	1.389	1.830	14.204
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.195	1.178	1.888	1.921	1.123	0.819	0.787	1.281	1.013	0.215	0.254
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.502 ; INTERCEPT (TIME=1 HOUR) =0.382 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.02692 ; AVERAGE CALC CV / USED CV = 1.25

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.878	3.912	7.526	7.982	5.418	3.801	3.667	6.123	4.804	2.882	2.820
N	26	26	26	26	30	30	30	30	30	30	29
RECORD YEAR	1957	1946	1966	1966	1966	1966	1966	1970	1970	1970	1973
RECORD MAXIMUM	0.270	0.340	0.560	0.680	0.770	0.990	1.220	2.170	2.860	3.050	22.510
NORMILIZED MAX	2.462	2.364	3.393	3.415	3.133	2.493	2.629	3.365	3.018	2.369	2.080
CALC. COEF. VAR	0.584	0.503	0.526	0.444	0.373	0.313	0.292	0.338	0.351	0.281	0.281
REGN. COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
USED COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
MEAN/A	0.0078	0.0109	0.0142	0.0190	0.0250	0.0378	0.0486	0.0715	0.0978	0.1289	1.0000
RP10/A	0.0114	0.0160	0.0208	0.0279	0.0367	0.0554	0.0713	0.1049	0.1434	0.1890	1.4266
RP25/A	0.0134	0.0188	0.0243	0.0327	0.0430	0.0650	0.0835	0.1229	0.1681	0.2215	1.6092
RP50/A	0.0148	0.0208	0.0269	0.0362	0.0475	0.0718	0.0923	0.1359	0.1857	0.2448	1.7327
RP100/A	0.0162	0.0227	0.0294	0.0395	0.0518	0.0784	0.1008	0.1484	0.2028	0.2673	1.8474
RP1000/A	0.0205	0.0287	0.0372	0.0500	0.0656	0.0993	0.1276	0.1879	0.2568	0.3384	2.1878
RP10000/A	0.0246	0.0345	0.0446	0.0600	0.0788	0.1192	0.1532	0.2255	0.3083	0.4062	2.4894
PMP/A	0.0485	0.0680	0.0881	0.1184	0.1555	0.2352	0.3023	0.4449	0.6082	0.8015	5.8600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUB										
RPO 1060 0	PRENTWOOD 6 SW RPNG	325	32	01N	02E	0	M	37.883	121.774	CONTRA COSTA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1950	*****	*****	0.38	0.43	0.45	0.50	0.52	0.88	1.60	2.24	******
1951	*****	*****	0.35	0.44	0.57	0.75	1.02	1.30	1.30	1.40	13.82
1952	*****	*****	*****	*****	0.72	1.05	1.32	1.74	2.33	3.20	19.16
1953	*****	*****	*****	*****	0.17	0.31	0.34	0.51	0.62	1.00	5.40
1954	0.09	0.11	0.14	0.20	0.25	0.41	0.53	0.75	1.00	1.37	11.55
1955	0.10	0.15	0.23	0.41	0.63	1.13	1.37	2.12	2.89	4.45	18.69
1956	0.12	0.19	0.24	0.32	0.43	0.56	0.75	0.88	1.00	1.00	11.59
1957	0.16	0.20	0.27	0.33	0.37	0.68	0.81	0.81	1.10	1.34	17.25
1958	0.15	0.16	0.24	0.35	0.46	0.70	0.97	1.56	1.92	3.22	23.26
1959	0.06	0.10	0.15	0.25	0.50	0.91	1.18	1.66	2.08	2.10	12.48
1960	0.17	0.20	0.24	0.37	0.43	0.52	0.72	1.05	1.17	1.62	13.82
1961	0.08	0.11	0.15	0.24	0.34	0.52	0.61	0.85	1.02	1.12	10.43
1962	0.08	0.15	0.22	0.34	0.42	0.75	0.89	1.65	2.63	4.21	10.80
1963	0.06	0.11	0.14	0.24	0.40	0.76	1.13	1.86	2.61	3.72	19.31
1964	0.10	0.14	0.18	0.33	0.47	0.75	0.96	1.34	1.42	1.94	17.35
1965	0.05	0.10	0.14	0.19	0.39	0.57	0.67	1.15	1.43	1.46	16.39
1966	0.06	0.08	0.12	0.24	0.39	0.66	0.54	0.69	0.89	1.26	10.90
1967	0.08	0.09	0.15	0.26	0.41	0.64	0.90	1.50	2.61	4.41	19.64
1968	0.10	0.20	0.28	0.42	0.64	0.65	0.97	1.61	2.04	2.81	14.77
1969	0.10	0.15	0.19	0.31	0.48	0.85	1.20	1.46	1.53	1.87	22.55
1970	0.12	0.15	0.18	0.29	0.48	0.78	1.07	1.45	1.87	2.50	21.05
1971	0.07	0.12	0.16	0.21	0.33	0.51	0.64	0.93	1.06	1.55	9.44
1972	0.20	0.29	0.32	0.36	0.38	0.53	0.66	0.88	1.40	1.98	14.04
1973	*****	*****	*****	*****	0.52	0.83	1.10	1.47	2.23	2.38	24.31
1974	*****	*****	*****	*****	0.17	0.33	0.41	0.50	0.65	0.99	9.54

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUB										
RPO 1060 0	PRENTWOOD 6 SW RPNG	325	32	01N	02E	0	M	37.883	121.774	CONTRA COSTA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.09	0.14	0.20	0.29	0.40	0.61	0.79	1.14	1.50	2.05	14.89
5	0.13	0.19	0.28	0.40	0.56	0.86	1.11	1.59	2.10	2.87	19.42
10	0.16	0.23	0.33	0.48	0.67	1.01	1.31	1.89	2.49	3.40	22.04
20	0.18	0.26	0.38	0.55	0.76	1.16	1.50	2.16	2.85	3.89	24.34
25	0.19	0.27	0.39	0.57	0.79	1.21	1.56	2.24	2.96	4.04	25.03
40	0.19	0.28	0.40	0.58	0.81	1.23	1.59	2.28	3.02	4.12	26.42
50	0.21	0.30	0.43	0.63	0.88	1.34	1.74	2.50	3.30	4.50	27.06
100	0.23	0.33	0.48	0.70	0.97	1.48	1.91	2.75	3.63	4.95	28.97
200	0.25	0.36	0.52	0.76	1.05	1.61	2.08	2.99	3.94	5.38	30.78
1000	0.29	0.42	0.61	0.90	1.25	1.90	2.45	3.53	4.66	6.36	34.69
10000	0.35	0.51	0.74	1.09	1.51	2.30	2.97	4.27	5.64	7.70	39.83
PMP	0.72	1.04	1.50	2.19	3.04	4.64	6.00	8.62	11.38	15.54	91.58
MEAN	0.102	0.147	0.213	0.311	0.432	0.658	0.851	1.224	1.616	2.206	15.314
CLOCK HR. CRP.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.799	1.144	0.821	0.109	0.003	0.433	0.037	0.080	0.382	0.883	0.097
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.413 ; INTERCEPT (TIME=1 HOUR) =0.446 ; COEFFICIENT OF DETERMINATION = 0.993
1HR INTERCEPT / MEAN YR =0.02911 ; AVERAGE CALC CV / USED CV = 0.82

KURTOSIS	3.505	5.068	3.203	2.312	3.881	3.323	2.405	2.365	2.334	2.968	2.558
N	19	19	21	21	25	25	25	25	25	25	24
RECORD YEAR	1972	1972	1950	1951	1952	1955	1955	1955	1955	1955	1973
RECORD MAXIMUM	0.200	0.290	0.380	0.440	0.720	1.130	1.370	2.120	2.890	4.450	24.310
NORMILIZED MAX	2.290	2.763	2.249	1.662	2.217	2.303	1.822	2.024	1.914	2.048	1.805
CALC. COEF. VAR	0.423	0.350	0.349	0.250	0.301	0.311	0.335	0.362	0.412	0.497	0.326
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0066	0.0096	0.0139	0.0203	0.0282	0.0430	0.0556	0.0799	0.1055	0.1440	1.0000
RP10/A	0.0102	0.0148	0.0214	0.0313	0.0435	0.0662	0.0856	0.1231	0.1625	0.2219	1.4393
RP25/A	0.0122	0.0176	0.0255	0.0372	0.0517	0.0787	0.1019	0.1465	0.1934	0.2639	1.6342
RP50/A	0.0135	0.0196	0.0284	0.0415	0.0576	0.0877	0.1135	0.1632	0.2154	0.2940	1.7672
RP100/A	0.0149	0.0216	0.0312	0.0456	0.0633	0.0964	0.1247	0.1793	0.2368	0.3232	1.8917
RP1000/A	0.0191	0.0277	0.0401	0.0585	0.0813	0.1239	0.1603	0.2305	0.3043	0.4153	2.2652
RP10000/A	0.0232	0.0336	0.0485	0.0709	0.0985	0.1501	0.1941	0.2791	0.3685	0.5030	2.6007
PMP/A	0.0467	0.0678	0.0979	0.1430	0.1987	0.3027	0.3916	0.5631	0.7434	1.0146	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E40 5371 0	MARTINEZ 3 S RRNG	225		02N	02W		M	37.967	122.133	CONTRA COSTA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1944	0.08	0.12	0.15	0.20	0.27	0.47	0.60	0.68	1.09	1.54	******
1945	0.12	0.14	0.26	0.36	0.58	0.72	0.78	0.93	1.69	2.76	13.67
1946	0.07	0.10	0.19	0.33	0.47	0.80	0.94	1.39	1.74	2.20	******
1947	0.09	0.12	0.13	0.23	0.34	0.47	0.61	0.73	1.03	1.37	11.99
1948	0.14	0.18	0.26	0.37	0.48	0.67	0.74	0.89	0.99	1.33	15.32
1949	0.11	0.18	0.30	0.22	0.37	0.62	0.74	1.05	1.15	1.44	14.11
1950	0.24	0.35	0.39	0.45	0.51	0.60	0.77	1.28	1.82	3.06	27.24
1951	0.21	0.25	0.36	0.49	0.64	0.91	1.16	1.55	1.60	1.82	19.00
1952	0.16	0.20	0.30	0.45	0.88	1.10	1.15	1.66	2.04	3.30	30.24
1953	0.18	0.20	0.21	0.23	0.29	0.52	0.61	1.07	1.60	1.53	11.88
1954	0.10	0.15	0.21	0.28	0.30	0.40	0.48	0.78	1.56	2.85	20.64
1955	0.07	0.13	0.15	0.21	0.40	0.68	0.87	1.61	2.24	3.89	24.08
1956	0.10	0.12	0.17	0.25	0.39	0.53	0.68	1.32	1.42	1.79	14.41
1957	0.11	0.20	0.24	0.27	0.38	0.60	0.74	0.95	1.28	1.56	21.18
1958	0.17	0.30	0.43	0.59	0.82	1.31	1.60	2.10	2.38	3.03	29.73
1959	0.14	0.18	0.21	0.32	0.56	0.63	0.80	1.31	1.59	1.70	14.31
1960	0.12	0.13	0.16	0.24	0.39	0.69	0.94	1.28	1.63	1.80	16.57
1961	0.08	0.15	0.20	0.30	0.44	0.56	0.75	1.08	1.48	1.63	13.35
1962	0.15	0.30	0.47	0.80	1.30	1.33	1.36	2.17	3.08	4.83	27.68
1963	0.11	0.18	0.23	0.32	0.65	0.79	0.80	1.40	1.97	2.87	24.53
1964	0.16	0.25	0.37	0.59	0.79	1.08	1.46	2.31	2.73	3.04	20.34
1965	0.15	0.20	0.20	0.24	0.41	0.59	0.70	1.26	1.46	1.58	19.77
1966	0.07	0.10	0.15	0.22	0.38	0.53	0.58	1.10	1.25	1.64	15.99
1967	0.09	0.15	0.18	0.22	0.37	0.53	0.68	0.98	1.87	2.24	26.32
1968	0.11	0.14	0.16	0.26	0.40	0.78	1.00	1.36	1.70	2.28	19.32
1969	0.13	0.17	0.25	0.43	0.72	1.14	1.53	2.21	2.36	3.13	29.84
1970	0.14	0.22	0.32	0.40	0.53	0.75	0.87	1.06	1.81	2.33	29.18
1971	0.17	0.21	0.27	0.36	0.57	0.96	1.21	1.69	1.89	1.89	12.66
1972	0.12	0.15	0.21	0.42	0.53	0.77	1.09	1.44	1.53	1.54	17.16
1973	*****	*****	*****	*****	0.68	0.96	1.06	1.64	2.03	2.47	31.99
1974	*****	*****	*****	*****	0.56	0.60	0.60	0.96	1.57	2.14	17.92

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E40 5371 0	MARTINEZ 3 S RRNG	225		02N	02W		M	37.967	122.133	CONTRA COSTA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.17	0.22	0.32	0.48	0.68	0.82	1.22	1.60	2.08	19.81
5	0.16	0.23	0.31	0.45	0.68	0.96	1.16	1.72	2.26	2.94	25.84
10	0.20	0.28	0.37	0.53	0.81	1.15	1.39	2.05	2.70	3.51	29.32
20	0.23	0.32	0.43	0.62	0.94	1.32	1.60	2.36	3.11	4.04	32.37
25	0.24	0.34	0.45	0.64	0.98	1.38	1.66	2.46	3.24	4.21	33.26
40	0.25	0.36	0.49	0.69	1.06	1.49	1.80	2.66	3.51	4.56	35.15
50	0.26	0.38	0.50	0.72	1.10	1.55	1.87	2.76	3.63	4.72	36.00
100	0.29	0.42	0.56	0.80	1.21	1.71	2.06	3.05	4.02	5.22	38.53
200	0.32	0.46	0.61	0.87	1.33	1.87	2.26	3.34	4.39	5.71	40.94
1000	0.38	0.54	0.73	1.04	1.59	2.23	2.70	3.99	5.25	6.82	46.14
10000	0.47	0.67	0.89	1.28	1.94	2.74	3.31	4.89	6.44	8.37	52.98
PMP	0.90	1.28	1.71	2.44	3.73	5.25	6.34	9.37	12.34	16.04	121.81
MEAN	0.127	0.182	0.242	0.347	0.529	0.745	0.900	1.330	1.751	2.277	20.370
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.754	1.050	1.076	1.502	1.755	0.972	0.934	0.761	0.881	1.195	0.393
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.447 ; INTERCEPT (TIME=1 HOUR) =0.507 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.02489 ; AVERAGE CALC CV / USED CV = 0.89

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.731	4.092	3.662	5.782	7.526	3.433	3.296	3.226	3.833	4.667	2.055
N	29	29	29	29	31	31	31	31	31	31	29
RECORD YEAR	1950	1950	1962	1962	1962	1962	1958	1964	1962	1962	1973
RECORD MAXIMUM	0.240	0.350	0.470	0.800	1.300	1.330	1.600	2.310	3.080	4.830	31.990
NORMALIZED MAX	2.680	2.722	2.549	3.231	3.607	2.385	2.364	2.247	2.505	3.075	1.817
CALC. COEF. VAR	0.331	0.340	0.368	0.404	0.404	0.329	0.329	0.328	0.303	0.365	0.314
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0062	0.0089	0.0119	0.0170	0.0260	0.0366	0.0442	0.0653	0.0860	0.1118	1.0000
RP10/A	0.0096	0.0137	0.0183	0.0262	0.0400	0.0563	0.0680	0.1006	0.1323	0.1721	1.4393
RP25/A	0.0116	0.0165	0.0220	0.0315	0.0480	0.0676	0.0817	0.1208	0.1590	0.2067	1.6342
RP50/A	0.0130	0.0185	0.0247	0.0353	0.0539	0.0759	0.0917	0.1355	0.1783	0.2319	1.7672
RP100/A	0.0143	0.0205	0.0273	0.0391	0.0596	0.0839	0.1014	0.1498	0.1972	0.2564	1.8917
RP1000/A	0.0187	0.0267	0.0357	0.0510	0.0778	0.1096	0.1324	0.1957	0.2576	0.3350	2.2652
RP10000/A	0.0230	0.0328	0.0437	0.0626	0.0955	0.1344	0.1624	0.2401	0.3160	0.4109	2.6007
PMP/A	0.0440	0.0629	0.0838	0.1200	0.1830	0.2576	0.3113	0.4601	0.6056	0.7874	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
E40 5916 0	MT DIABLO STATE PARK RRNG	1600	13	01S	01W		M	37.850	121.933	CONTRA COSTA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1956	*****	*****	*****	*****	*****	1.42	1.95	2.97	3.76	6.11	30.72
1957	0.26	0.28	0.30	0.33	0.35	0.59	0.71	1.13	1.59	1.96	19.06
1958	0.20	0.25	0.28	0.43	0.60	0.87	1.11	1.63	2.00	2.53	35.05
1959	0.10	0.13	0.15	0.19	0.28	0.44	0.59	0.77	1.20	2.15	11.78
1960	0.13	0.15	0.17	0.30	0.50	0.95	1.35	1.80	1.91	2.64	18.18
1961	0.15	0.20	0.22	0.30	0.41	0.51	0.60	0.91	1.38	1.76	14.08
1962	0.15	0.22	0.26	0.36	0.50	0.57	0.66	0.93	1.58	1.87	17.67
1963	0.16	0.24	0.27	0.44	0.78	1.11	1.68	2.80	3.52	5.70	31.28
1964	0.18	0.26	0.31	0.50	0.73	1.03	1.35	1.80	2.00	2.29	13.91
1965	0.16	0.21	0.25	0.30	0.48	0.71	1.00	1.45	2.19	3.09	24.17
1966	0.08	0.10	0.12	0.15	0.23	0.37	0.52	0.92	1.15	1.37	12.50
1967	0.20	0.22	0.24	0.33	0.42	0.78	1.10	1.90	2.95	4.96	30.05
1968	0.07	0.10	0.13	0.21	0.37	0.60	0.85	1.30	1.73	2.50	16.50
1969	0.14	0.19	0.24	0.43	0.68	1.00	1.04	1.10	1.45	2.65	28.05
1970	0.12	0.16	0.19	0.30	0.55	0.93	1.35	1.80	1.94	2.71	23.20
1973	0.28	0.30	0.34	0.54	0.55	0.69	0.82	1.50	1.58	2.34	33.66

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
E40 5916 0	MT DIABLO STATE PARK RRNG	1600	13	01S	01W		M	37.850	121.933	CONTRA COSTA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.15	0.18	0.21	0.31	0.45	0.72	0.95	1.41	1.83	2.67	21.87
5	0.20	0.26	0.30	0.44	0.64	1.01	1.34	1.99	2.57	3.76	28.53
10	0.24	0.31	0.36	0.52	0.76	1.21	1.61	2.38	3.07	4.49	32.37
20	0.28	0.36	0.41	0.60	0.88	1.40	1.85	2.74	3.54	5.17	35.74
25	0.29	0.37	0.43	0.63	0.92	1.45	1.93	2.86	3.69	5.39	36.75
40	0.32	0.40	0.46	0.68	0.99	1.57	2.09	3.09	4.00	5.84	38.81
50	0.33	0.42	0.48	0.71	1.03	1.63	2.16	3.20	4.14	6.05	39.75
100	0.36	0.46	0.53	0.78	1.14	1.80	2.39	3.54	4.58	6.69	42.55
200	0.40	0.50	0.58	0.85	1.24	1.97	2.62	3.88	5.01	7.31	45.20
1000	0.48	0.60	0.69	1.02	1.48	2.35	3.12	4.63	5.98	8.73	50.95
10000	0.58	0.74	0.85	1.25	1.82	2.89	3.83	5.68	7.34	10.71	58.49
PMP	1.12	1.41	1.63	2.40	3.49	5.53	7.34	10.88	14.06	20.53	134.50
MEAN	0.159	0.201	0.231	0.341	0.495	0.786	1.042	1.544	1.996	2.914	22.491
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.595	-0.243	-0.264	0.090	0.185	0.569	0.723	1.046	1.340	1.490	0.194
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.465 ; INTERCEPT (TIME=1 HOUR) =0.530 ; COEFFICIENT OF DETERMINATION = 0.982
1HR INTERCEPT / MEAN YR =0.02355 ; AVERAGE CALC CV / USED CV = 0.84

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	3.701	2.744	2.708	3.049	3.027	3.614	3.474	4.205	4.468	4.591	2.054
N	15	15	15	15	15	16	16	16	16	16	16
RECORD YEAR	1973	1973	1973	1973	1963	1956	1956	1956	1956	1956	1958
RECORD MAXIMUM	0.280	0.300	0.340	0.540	0.780	1.420	1.950	2.970	3.760	6.110	35.050
NORMILIZED MAX	2.047	1.598	1.623	1.787	1.790	2.271	2.205	2.227	2.278	2.270	1.564
CALC. COEF. VAR	0.374	0.310	0.289	0.328	0.321	0.356	0.395	0.415	0.388	0.483	0.357
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0071	0.0089	0.0103	0.0151	0.0220	0.0349	0.0464	0.0687	0.0887	0.1296	1.0000
RP10/A	0.0109	0.0137	0.0158	0.0233	0.0339	0.0538	0.0714	0.1057	0.1366	0.1995	1.4393
RP25/A	0.0130	0.0165	0.0190	0.0280	0.0407	0.0646	0.0857	0.1270	0.1641	0.2397	1.6342
RP50/A	0.0146	0.0185	0.0213	0.0314	0.0457	0.0725	0.0962	0.1425	0.1841	0.2688	1.7672
RP100/A	0.0162	0.0205	0.0236	0.0347	0.0505	0.0801	0.1063	0.1575	0.2035	0.2973	1.8917
RP1000/A	0.0211	0.0267	0.0308	0.0454	0.0660	0.1047	0.1389	0.2058	0.2659	0.3884	2.2652
RP10000/A	0.0259	0.0328	0.0378	0.0557	0.0810	0.1284	0.1704	0.2524	0.3262	0.4763	2.6007
PMP/A	0.0497	0.0629	0.0725	0.1067	0.1552	0.2461	0.3265	0.4837	0.6251	0.9129	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E40 6501 1	ORINDA FILTERS RRNG	370	33	01N	03W		M	37.893	122.200	CONTRA COSTA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1958	*****	*****	*****	*****	0.64	0.94	1.44	2.58	2.88	3.53	50.61
1959	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	15.93
1960	0.14	0.15	0.21	0.28	0.42	0.79	1.04	1.43	1.51	1.94	22.65
1961	0.19	0.23	0.26	0.33	0.51	0.70	0.85	1.15	1.95	2.19	16.37
1962	0.18	0.21	0.28	0.47	0.70	1.20	1.40	1.87	3.37	3.95	32.83
1963	0.32	0.55	0.75	1.15	1.80	2.40	2.85	4.01	5.88	10.98	50.58
1964	0.26	0.38	0.50	0.79	1.13	1.40	1.85	2.65	3.26	3.80	25.14
1965	0.15	0.20	0.26	0.39	0.55	0.90	1.10	1.45	2.05	3.54	34.27
1966	0.21	0.32	0.38	0.44	0.60	1.00	1.48	2.30	2.78	3.97	20.64
1967	0.20	0.25	0.30	0.42	0.57	0.90	1.20	1.93	3.45	6.20	51.68
1968	0.30	0.36	0.40	0.60	0.95	1.35	1.65	2.20	3.05	3.85	25.88
1969	0.25	0.31	0.34	0.54	0.82	1.30	1.43	1.55	1.90	3.02	47.76
1970	0.26	0.50	0.65	1.04	1.48	2.05	2.55	3.75	4.08	6.08	44.64
1971	0.28	0.43	0.52	0.59	0.90	1.10	1.21	1.66	2.56	3.14	30.70
1972	0.13	0.15	0.20	0.33	0.48	0.66	0.86	1.02	1.40	2.04	16.73
1973	0.20	0.34	0.42	0.59	0.74	0.94	1.32	2.42	2.74	3.25	41.92
1975	*****	*****	0.36	0.49	0.81	1.26	1.64	2.04	2.20	2.57	29.74

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E40 6501 1	ORINDA FILTERS RRNG	370	33	01N	03W		M	37.893	122.200	CONTRA COSTA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.20	0.29	0.36	0.52	0.75	1.08	1.37	1.95	2.58	3.66	31.92
5	0.28	0.40	0.50	0.73	1.05	1.52	1.92	2.74	3.63	5.16	41.64
10	0.34	0.48	0.60	0.87	1.26	1.82	2.30	3.27	4.34	6.16	47.25
20	0.39	0.56	0.69	1.00	1.45	2.10	2.65	3.77	5.00	7.11	52.16
25	0.41	0.58	0.72	1.04	1.51	2.18	2.76	3.93	5.21	7.40	53.65
40	0.44	0.63	0.78	1.13	1.63	2.36	2.99	4.26	5.64	8.02	56.64
50	0.45	0.65	0.81	1.17	1.69	2.45	3.10	4.41	5.84	8.30	58.01
100	0.50	0.72	0.89	1.29	1.87	2.71	3.42	4.88	6.46	9.18	62.10
200	0.55	0.79	0.98	1.41	2.05	2.96	3.74	5.33	7.07	10.04	65.97
1000	0.66	0.94	1.16	1.69	2.44	3.54	4.47	6.37	8.44	12.00	74.36
10000	0.81	1.15	1.43	2.07	3.00	4.34	5.48	7.81	10.35	14.71	85.37
PMP	1.54	2.20	2.74	3.97	5.75	8.32	10.51	14.97	19.84	28.20	196.31
MEAN	0.219	0.313	0.389	0.563	0.816	1.181	1.492	2.126	2.816	4.003	32.828
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.121	0.469	1.026	1.338	1.530	1.543	1.392	1.031	1.364	2.304	0.219
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.465 ; INTERCEPT (TIME=1 HOUR) =0.819 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.02496 ; AVERAGE CALC CV / USED CV = 0.98

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	2.588	3.073	4.060	4.706	5.496	5.701	5.254	4.290	6.286	9.469	2.120
N	14	14	15	15	16	16	16	16	16	16	17
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1967
RECORD MAXIMUM	0.320	0.550	0.750	1.150	1.800	2.400	2.850	4.010	5.880	10.980	51.680
NORMILIZED MAX	1.677	1.913	2.275	2.320	2.599	2.597	2.475	2.245	2.775	3.140	1.472
CALC. COEF. VAR	0.274	0.396	0.409	0.449	0.464	0.398	0.368	0.395	0.392	0.555	0.390
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0067	0.0095	0.0118	0.0172	0.0248	0.0360	0.0454	0.0648	0.0858	0.1219	1.0000
RP10/A	0.0103	0.0147	0.0182	0.0264	0.0383	0.0554	0.0700	0.0997	0.1321	0.1877	1.4393
RP25/A	0.0124	0.0176	0.0219	0.0317	0.0460	0.0665	0.0841	0.1198	0.1587	0.2255	1.6342
RP50/A	0.0139	0.0198	0.0246	0.0356	0.0515	0.0746	0.0943	0.1343	0.1780	0.2530	1.7672
RP100/A	0.0153	0.0219	0.0272	0.0394	0.0570	0.0825	0.1043	0.1485	0.1968	0.2797	1.8917
RP1000/A	0.0200	0.0286	0.0355	0.0514	0.0745	0.1078	0.1362	0.1941	0.2571	0.3655	2.2652
RP10000/A	0.0246	0.0350	0.0435	0.0631	0.0913	0.1322	0.1671	0.2380	0.3153	0.4482	2.6007
PMP/A	0.0471	0.0671	0.0834	0.1209	0.1750	0.2534	0.3202	0.4562	0.6044	0.8591	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
E40 7661 0	ST MARYS COLLEGE RRNG	620					M	37.841	122.107	CONTRA COSTA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1955	0.10	0.16	0.19	0.22	0.32	0.43	0.47	0.83	1.31	1.57	18.56
1956	0.24	0.33	0.37	0.47	0.67	0.97	1.20	2.22	3.12	5.19	40.33
1957	0.15	0.18	0.25	0.31	0.55	1.04	1.36	2.03	2.52	2.97	24.11
1958	0.20	0.32	0.38	0.60	0.78	1.16	1.48	2.49	2.98	3.40	46.78
1959	0.18	0.21	0.24	0.33	0.42	0.66	0.82	1.28	1.57	1.95	14.83
1960	0.14	0.18	0.22	0.38	0.72	1.10	1.37	1.89	2.60	3.04	23.04
1961	0.15	0.20	0.30	0.42	0.58	0.81	1.14	1.66	1.91	2.12	18.47
1962	0.13	0.16	0.19	0.33	0.46	0.64	0.80	1.22	1.92	2.46	26.63
1963	0.32	0.47	0.60	0.87	1.15	1.63	2.10	3.51	6.15	10.23	40.56
1964	0.37	0.56	0.68	1.01	1.28	1.63	1.94	2.48	2.82	3.39	19.54
1965	0.16	0.20	0.25	0.38	0.55	0.80	1.16	1.53	1.87	3.06	33.97
1966	0.23	0.28	0.32	0.37	0.44	0.60	0.91	1.25	1.72	1.75	20.67
1967	0.17	0.20	0.25	0.39	0.56	0.90	1.25	2.25	3.45	5.98	38.59
1968	0.14	0.21	0.25	0.38	0.67	1.02	1.35	1.90	2.35	2.98	20.06
1969	0.12	0.22	0.27	0.37	0.48	0.67	0.78	1.12	1.66	2.51	35.95
1970	0.23	0.37	0.47	0.74	1.01	1.45	1.85	2.87	3.08	4.15	31.34
1971	0.22	0.33	0.40	0.65	0.67	1.00	1.24	1.67	2.50	3.10	28.77
1972	0.14	0.17	0.19	0.26	0.34	0.47	0.58	0.87	1.11	1.72	15.24
1973	0.21	0.31	0.35	0.44	0.80	1.12	1.44	2.38	2.45	2.79	38.88
1975	0.17	0.27	0.32	0.44	0.72	1.25	1.66	2.24	2.83	2.59	28.48

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
E40 7661 0	ST MARYS COLLEGE RRNG	620					M	37.841	122.107	CONTRA COSTA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.17	0.24	0.30	0.42	0.60	0.89	1.14	1.72	2.27	3.06	27.46
5	0.25	0.34	0.42	0.59	0.85	1.25	1.61	2.43	3.20	4.32	35.82
10	0.29	0.41	0.50	0.71	1.01	1.49	1.92	2.90	3.82	5.15	40.64
20	0.34	0.47	0.58	0.81	1.17	1.72	2.21	3.35	4.40	5.94	44.87
25	0.35	0.49	0.60	0.85	1.22	1.79	2.30	3.49	4.59	6.19	46.15
40	0.38	0.53	0.65	0.92	1.32	1.94	2.49	3.77	4.97	6.70	48.73
50	0.40	0.55	0.67	0.95	1.37	2.01	2.58	3.91	5.15	6.94	49.91
100	0.44	0.61	0.74	1.05	1.51	2.22	2.86	4.32	5.69	7.68	53.42
200	0.48	0.67	0.81	1.15	1.65	2.43	3.12	4.73	6.22	8.40	56.75
1000	0.57	0.80	0.97	1.37	1.98	2.90	3.73	5.65	7.43	10.03	63.97
10000	0.70	0.98	1.19	1.68	2.42	3.56	4.58	6.93	9.12	12.30	73.44
PMP	1.35	1.88	2.29	3.23	4.64	6.82	8.77	13.28	17.47	23.58	168.87
MEAN	0.191	0.266	0.324	0.458	0.659	0.967	1.245	1.884	2.480	3.347	28.240
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.209	1.390	1.480	1.675	1.048	0.621	0.148	0.429	2.093	2.563	0.311
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.479 ; INTERCEPT (TIME=1 HOUR) =0.676 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.02395 ; AVERAGE CALC CV / USED CV = 0.96

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	4.425	5.044	5.263	5.699	4.224	3.017	3.018	3.408	9.791	10.867	2.313
N	20	20	20	20	20	20	20	20	20	20	20
RECORD YEAR	1964	1964	1964	1964	1964	1963	1963	1963	1963	1963	1958
RECORD MAXIMUM	0.370	0.560	0.680	1.010	1.280	1.630	2.100	3.510	6.150	10.230	46.780
NORMILIZED MAX	2.559	2.727	2.685	2.750	2.447	1.906	1.949	2.345	3.415	3.510	1.932
CALC. COEF. VAR	0.366	0.404	0.408	0.438	0.385	0.359	0.352	0.368	0.433	0.586	0.340
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0068	0.0094	0.0115	0.0162	0.0233	0.0343	0.0441	0.0667	0.0878	0.1185	1.0000
RP10/A	0.0104	0.0145	0.0177	0.0250	0.0359	0.0527	0.0679	0.1027	0.1352	0.1825	1.4393
RP25/A	0.0125	0.0175	0.0213	0.0300	0.0432	0.0634	0.0815	0.1234	0.1624	0.2192	1.6342
RP50/A	0.0140	0.0196	0.0238	0.0336	0.0484	0.0711	0.0915	0.1384	0.1822	0.2459	1.7672
RP100/A	0.0155	0.0216	0.0264	0.0372	0.0535	0.0786	0.1011	0.1531	0.2015	0.2719	1.8917
RP1000/A	0.0203	0.0283	0.0344	0.0486	0.0699	0.1027	0.1321	0.2000	0.2632	0.3553	2.2652
RP10000/A	0.0249	0.0347	0.0422	0.0596	0.0858	0.1259	0.1621	0.2453	0.3228	0.4357	2.6007
PMP/A	0.0476	0.0665	0.0810	0.1143	0.1644	0.2414	0.3106	0.4701	0.6187	0.8351	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E40 9185 0	UPPER SAN LEANDRO FILTERS	395	11	025	03W	G	M	37.774	122.164	ALAMEDA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1945	*****	*****	*****	*****	*****	0.67	0.81	1.08	1.93	2.57	22.36
1946	*****	*****	*****	*****	*****	0.79	0.87	1.28	1.45	1.83	19.40
1947	*****	*****	*****	*****	*****	0.50	0.67	0.94	1.45	1.99	13.00
1948	*****	*****	*****	*****	*****	0.61	0.73	0.86	1.20	1.80	19.30
1949	*****	*****	*****	*****	*****	0.42	0.57	0.89	1.14	1.20	15.72
1950	*****	*****	*****	*****	*****	0.62	0.87	1.54	2.69	3.99	22.42
1951	*****	*****	*****	*****	*****	0.57	0.73	1.04	1.66	2.53	27.76
1952	0.24	0.42	0.54	0.75	1.20	1.42	1.72	2.11	2.20	2.36	32.67
1953	*****	*****	*****	*****	*****	0.74	0.97	1.54	1.95	2.10	20.27
1954	0.34	0.54	0.59	0.64	0.71	0.80	0.99	1.52	2.22	2.48	16.14
1955	0.11	0.17	0.25	0.34	0.41	0.44	0.62	0.95	1.31	2.09	15.27
1956	*****	*****	*****	*****	*****	0.71	0.91	1.66	1.99	3.20	28.20
1957	0.07	0.13	0.17	0.30	0.52	0.83	1.10	1.64	2.03	2.29	19.35
1958	0.11	0.22	0.31	0.47	0.60	0.71	0.90	1.49	1.73	2.07	34.64
1959	*****	*****	*****	*****	*****	0.66	0.87	1.20	1.34	1.55	10.83
1960	*****	*****	*****	*****	*****	1.02	1.33	1.77	2.38	2.90	15.92
1961	*****	*****	*****	*****	*****	1.13	1.58	2.21	2.34	2.45	15.28
1962	0.28	0.28	0.30	0.42	0.52	0.70	0.95	1.25	1.47	2.00	20.52
1963	0.13	0.24	0.30	0.56	0.80	1.35	1.90	3.25	5.33	8.76	35.67
1964	0.18	0.29	0.37	0.65	0.91	1.13	1.43	1.95	2.16	2.60	15.89
1965	0.14	0.23	0.30	0.40	0.48	0.65	0.75	0.94	1.20	1.50	24.26
1966	0.17	0.22	0.27	0.37	0.53	0.60	0.75	1.16	1.43	1.60	17.67
1967	0.24	0.30	0.34	0.54	0.69	0.65	0.85	1.55	2.25	4.45	33.00
1968	0.14	0.17	0.21	0.37	0.70	1.15	1.40	2.15	2.57	3.09	18.49
1969	0.15	0.20	0.24	0.27	0.41	0.55	0.70	1.08	1.50	1.75	31.08
1970	0.26	0.34	0.42	0.50	0.70	0.91	1.10	1.54	1.97	2.93	23.59
1971	0.20	0.23	0.26	0.33	0.60	0.84	1.10	1.46	1.86	2.22	20.38
1972	0.12	0.15	0.18	0.20	0.26	0.34	0.45	0.69	0.71	1.20	10.15
1973	0.30	0.46	0.56	0.62	0.87	1.08	1.30	2.00	2.14	2.31	31.56
1974	*****	*****	*****	*****	0.56	0.84	1.08	1.60	2.30	2.60	21.31
1975	*****	*****	0.36	0.41	0.67	0.86	0.90	1.11	1.28	1.44	20.77

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E40 9185 0	UPPER SAN LEANDRO FILTERS	395	11	025	03W	G	M	37.774	122.164	ALAMEDA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.17	0.25	0.30	0.41	0.58	0.72	0.91	1.34	1.75	2.30	21.11
5	0.24	0.35	0.43	0.58	0.82	1.01	1.29	1.89	2.46	3.24	27.53
10	0.29	0.42	0.51	0.70	0.98	1.21	1.53	2.26	2.94	3.87	31.24
20	0.33	0.48	0.59	0.80	1.13	1.39	1.77	2.60	3.39	4.46	34.49
25	0.35	0.50	0.61	0.84	1.18	1.45	1.84	2.71	3.53	4.64	35.47
40	0.37	0.54	0.66	0.91	1.28	1.57	2.00	2.94	3.82	5.03	37.45
50	0.39	0.56	0.69	0.94	1.33	1.63	2.07	3.04	3.96	5.21	38.36
100	0.43	0.62	0.76	1.04	1.47	1.80	2.29	3.36	4.38	5.76	41.06
200	0.47	0.68	0.83	1.13	1.60	1.97	2.50	3.68	4.79	6.30	43.62
1000	0.56	0.81	0.99	1.36	1.91	2.35	2.99	4.39	5.72	7.53	49.17
10000	0.69	0.99	1.22	1.66	2.35	2.88	3.66	5.39	7.02	9.23	56.45
PMP	1.32	1.90	2.34	3.19	4.50	5.52	7.02	10.33	13.45	17.69	129.80
MEAN	0.187	0.270	0.332	0.452	0.639	0.784	0.997	1.466	1.909	2.511	21.705
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.498	1.120	0.938	0.343	0.826	0.719	0.977	1.312	2.632	3.393	0.515
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.545 ; INTERCEPT (TIME=1 HOUR) =0.607 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.02795 ; AVERAGE CALC CV / USED CV = 0.90

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	2.735	4.150	3.531	2.833	4.970	3.381	3.853	6.116	13.928	17.393	2.647
N	17	17	18	18	19	31	31	31	31	31	31
RECORD YEAR	1954	1954	1954	1952	1952	1952	1963	1963	1963	1963	1963
RECORD MAXIMUM	0.340	0.540	0.590	0.750	1.200	1.420	1.900	3.250	5.330	8.760	35.670
NORMALIZED MAX	1.981	2.381	2.074	1.992	2.650	2.419	2.649	3.388	4.302	4.860	1.989
CALC. COEF. VAR	0.413	0.420	0.376	0.330	0.331	0.336	0.342	0.359	0.417	0.546	0.323
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0086	0.0124	0.0153	0.0208	0.0294	0.0361	0.0459	0.0675	0.0880	0.1157	1.0000
RP10/A	0.0133	0.0192	0.0235	0.0321	0.0453	0.0556	0.0707	0.1040	0.1354	0.1781	1.4393
RP25/A	0.0159	0.0230	0.0283	0.0385	0.0544	0.0668	0.0849	0.1249	0.1627	0.2140	1.6342
RP50/A	0.0179	0.0258	0.0317	0.0432	0.0611	0.0749	0.0953	0.1401	0.1825	0.2400	1.7672
RP100/A	0.0198	0.0285	0.0351	0.0478	0.0675	0.0828	0.1053	0.1550	0.2018	0.2654	1.8917
RP1000/A	0.0258	0.0373	0.0458	0.0624	0.0882	0.1082	0.1376	0.2024	0.2636	0.3468	2.2652
RP10000/A	0.0317	0.0457	0.0562	0.0766	0.1082	0.1327	0.1688	0.2483	0.3233	0.4253	2.6007
PMP/A	0.0607	0.0876	0.1076	0.1468	0.2074	0.2543	0.3235	0.4759	0.6196	0.8151	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE.

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E40 9423 0	WALNUT CREEK 2ENE RRNG	245	36	01N	02W		M	37.883	122.033	CONTRA COSTA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1945	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	18.03
1946	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	13.71
1947	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	11.78
1948	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	12.88
1949	*****	*****	*****	*****	*****	0.32	0.45	0.58	0.82	1.00	11.76
1950	*****	*****	*****	*****	*****	0.61	0.91	1.20	1.33	1.39	14.64
1951	*****	*****	*****	*****	*****	0.80	1.08	1.67	2.55	3.57	20.98
1952	*****	*****	*****	*****	*****	0.91	1.10	1.49	1.86	2.46	26.49
1953	0.23	0.37	0.53	0.72	0.86	0.98	1.15	1.72	2.34	2.66	18.41
1954	0.15	0.18	0.20	0.30	0.40	0.69	0.95	1.39	1.69	2.05	13.46
1955	*****	*****	*****	*****	*****	0.38	0.44	0.58	1.00	1.38	12.98
1956	0.26	0.29	0.32	0.42	0.58	0.81	1.00	1.47	2.42	4.32	26.52
1957	*****	*****	*****	*****	*****	0.42	0.57	0.99	1.42	1.65	14.32
1958	0.12	0.20	0.24	0.38	0.56	0.91	1.23	1.81	2.17	2.51	32.11
1959	*****	*****	*****	*****	*****	0.56	0.81	1.20	1.41	1.53	9.54
1960	*****	*****	*****	*****	*****	0.72	0.97	1.25	1.38	2.30	14.94
1961	*****	*****	*****	*****	*****	0.56	0.70	1.05	1.59	1.70	12.25
1962	*****	*****	*****	*****	*****	0.65	0.76	0.92	1.20	1.97	17.17
1963	0.22	0.34	0.44	0.60	0.87	1.20	1.55	2.17	3.38	5.59	26.57
1964	0.17	0.30	0.40	0.62	0.96	1.31	1.66	2.33	2.66	2.90	12.33
1965	*****	*****	*****	*****	*****	0.55	0.65	0.90	1.40	2.56	19.97
1966	*****	*****	*****	*****	*****	0.48	0.64	0.96	1.15	1.52	11.99
1967	0.14	0.17	0.19	0.23	0.45	0.79	1.09	1.86	3.15	4.59	27.93
1968	*****	*****	*****	*****	*****	0.75	1.04	1.54	1.97	2.56	12.43
1969	0.15	0.22	0.26	0.37	0.67	1.07	1.12	1.16	1.54	2.18	25.63
1970	0.23	0.31	0.39	0.61	0.80	1.19	1.55	2.55	2.70	3.31	19.22
1971	*****	*****	*****	*****	*****	0.96	1.12	1.45	1.59	1.97	18.25
1972	*****	*****	*****	*****	*****	0.34	0.41	0.56	0.78	1.27	7.95
1973	*****	*****	*****	*****	*****	0.55	0.75	1.37	1.40	1.99	24.70

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E40 9423 0	WALNUT CREEK 2ENE RRNG	245	36	01N	02W		M	37.883	122.033	CONTRA COSTA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.17	0.24	0.30	0.43	0.63	0.68	0.86	1.27	1.65	2.23	17.07
5	0.24	0.34	0.43	0.61	0.88	0.95	1.22	1.79	2.33	3.14	22.26
10	0.29	0.41	0.51	0.73	1.05	1.14	1.45	2.14	2.78	3.75	25.26
20	0.33	0.47	0.59	0.84	1.21	1.31	1.68	2.46	3.20	4.33	27.89
25	0.34	0.49	0.61	0.87	1.26	1.37	1.75	2.57	3.34	4.51	28.68
40	0.37	0.53	0.66	0.95	1.37	1.48	1.89	2.78	3.61	4.88	30.28
50	0.38	0.55	0.68	0.98	1.42	1.54	1.96	2.88	3.74	5.06	31.01
100	0.43	0.61	0.76	1.08	1.57	1.70	2.17	3.18	4.14	5.59	33.20
200	0.47	0.66	0.83	1.18	1.71	1.86	2.37	3.48	4.53	6.12	35.27
1000	0.56	0.79	0.99	1.42	2.05	2.22	2.83	4.16	5.41	7.30	39.75
10000	0.68	0.97	1.21	1.74	2.51	2.72	3.47	5.10	6.63	8.96	45.64
PMP	1.31	1.86	2.32	3.33	4.81	5.22	6.65	9.78	12.71	17.17	104.95
MEAN	0.186	0.264	0.330	0.472	0.683	0.740	0.944	1.388	1.804	2.437	17.550
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.207	0.015	0.385	0.061	0.074	0.387	0.378	0.382	0.657	1.327	0.676
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.553 ; INTERCEPT (TIME=1 HOUR) =0.600 ; COEFFICIENT OF DETERMINATION = 0.988
1HR INTERCEPT / MEAN YR =0.03421 ; AVERAGE CALC CV / USED CV = 0.81

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	2.590	2.622	3.230	2.772	2.762	2.709	3.056	2.945	2.973	4.869	2.674
N	9	9	9	9	9	25	25	25	25	25	29
RECORD YEAR	1956	1953	1953	1953	1964	1964	1964	1970	1963	1963	1958
RECORD MAXIMUM	0.260	0.370	0.530	0.720	0.960	1.310	1.660	2.550	3.380	5.590	32.110
NORMILIZED MAX	1.496	1.439	1.704	1.466	1.390	2.066	2.107	2.168	2.240	2.829	2.287
CALC. COEF. VAR	0.268	0.277	0.356	0.358	0.291	0.372	0.360	0.386	0.390	0.457	0.363
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0106	0.0151	0.0188	0.0269	0.0389	0.0422	0.0538	0.0791	0.1028	0.1389	1.0000
RP10/A	0.0163	0.0232	0.0290	0.0414	0.0599	0.0650	0.0828	0.1218	0.1582	0.2138	1.4393
RP25/A	0.0196	0.0279	0.0348	0.0498	0.0720	0.0780	0.0995	0.1463	0.1901	0.2569	1.6342
RP50/A	0.0219	0.0313	0.0390	0.0558	0.0808	0.0875	0.1116	0.1641	0.2132	0.2881	1.7672
RP100/A	0.0243	0.0346	0.0431	0.0617	0.0893	0.0968	0.1234	0.1814	0.2358	0.3186	1.8917
RP1000/A	0.0317	0.0452	0.0564	0.0806	0.1167	0.1264	0.1612	0.2370	0.3080	0.4162	2.2652
RP10000/A	0.0389	0.0554	0.0691	0.0989	0.1431	0.1551	0.1977	0.2907	0.3778	0.5105	2.6007
PMP/A	0.0745	0.1062	0.1325	0.1896	0.2743	0.2972	0.3790	0.5572	0.7240	0.9784	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E40 9429 50	WALNUT CREEK 2NF	80					M	37.935	122.044	CONTRA COSTA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1959	0.07	0.10	0.13	0.21	0.39	0.70	0.85	1.23	1.36	1.45	8.78
1960	0.12	0.21	0.23	0.27	0.36	0.64	0.89	1.13	1.29	1.83	12.68
1961	0.11	0.13	0.14	0.20	0.36	0.54	0.63	0.88	1.55	1.62	10.40
1962	0.11	0.17	0.22	0.28	0.45	0.56	0.65	0.81	1.20	1.76	14.90
1963	0.20	0.31	0.40	0.54	0.77	1.13	1.39	1.98	3.09	5.83	23.37
1964	0.16	0.23	0.33	0.53	0.80	1.04	1.42	2.15	2.41	2.68	10.73
1965	0.11	0.13	0.15	0.26	0.36	0.50	0.65	1.00	1.52	2.60	17.84
1966	0.20	0.22	0.24	0.27	0.34	0.44	0.55	0.89	1.15	1.45	11.90
1967	0.18	0.20	0.22	0.28	0.42	0.70	1.05	1.85	3.00	4.16	24.41
1968	0.13	0.17	0.25	0.33	0.48	0.75	0.95	1.40	1.70	2.29	10.96
1969	0.12	0.15	0.19	0.34	0.55	0.95	1.00	1.05	1.20	1.67	22.38
1970	0.20	0.28	0.41	0.60	0.85	1.32	1.72	2.43	2.62	3.21	18.07
1971	0.22	0.38	0.40	0.48	0.66	0.94	1.08	1.40	1.69	2.02	17.63
1972	0.05	0.07	0.09	0.12	0.21	0.35	0.40	0.60	0.84	1.28	7.73
1973	0.11	0.14	0.17	0.24	0.36	0.52	0.70	1.35	1.37	2.05	24.09

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E40 9429 50	WALNUT CREEK 2NF	80					M	37.935	122.044	CONTRA COSTA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.13	0.18	0.22	0.30	0.45	0.68	0.85	1.23	1.59	2.19	15.29
5	0.18	0.25	0.31	0.43	0.63	0.95	1.20	1.73	2.23	3.09	19.94
10	0.21	0.30	0.37	0.51	0.76	1.14	1.43	2.07	2.67	3.68	22.63
20	0.25	0.34	0.42	0.59	0.87	1.31	1.65	2.39	3.08	4.25	24.99
25	0.26	0.36	0.44	0.61	0.91	1.37	1.72	2.48	3.20	4.43	25.70
40	0.28	0.39	0.48	0.66	0.99	1.48	1.86	2.69	3.47	4.79	27.13
50	0.29	0.40	0.49	0.68	1.02	1.53	1.93	2.79	3.59	4.97	27.79
100	0.32	0.44	0.55	0.76	1.13	1.69	2.13	3.08	3.97	5.49	29.75
200	0.35	0.48	0.60	0.83	1.23	1.85	2.33	3.37	4.35	6.01	31.60
1000	0.42	0.58	0.71	0.99	1.47	2.21	2.78	4.03	5.19	7.17	35.62
10000	0.51	0.71	0.87	1.21	1.80	2.72	3.41	4.94	6.37	8.80	40.90
PMP	0.98	1.36	1.68	2.32	3.46	5.20	6.54	9.46	12.21	16.86	94.03
MEAN	0.139	0.193	0.238	0.330	0.491	0.739	0.929	1.343	1.733	2.393	15.725
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.067	0.805	0.585	0.739	0.767	0.667	0.743	0.731	0.974	1.916	0.291
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.468 ; INTERCEPT (TIME=1 HOUR) =0.502 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.03194 ; AVERAGE CALC CV / USED CV = 1.00

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	2.638	3.989	2.828	3.069	3.025	3.167	3.642	3.182	3.261	7.140	2.214
N	15	15	15	15	15	15	15	15	15	15	15
RECORD YEAR	1971	1971	1970	1970	1970	1970	1970	1970	1963	1963	1967
RECORD MAXIMUM	0.220	0.380	0.410	0.600	0.850	1.320	1.720	2.430	3.090	5.830	24.410
NORMILIZED MAX	1.576	2.261	1.666	1.909	1.861	2.077	2.176	2.028	1.927	2.816	1.492
CALC. COEF. VAR	0.367	0.430	0.434	0.429	0.393	0.379	0.392	0.399	0.407	0.510	0.370
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0089	0.0123	0.0151	0.0210	0.0312	0.0470	0.0591	0.0854	0.1102	0.1522	1.0000
RP10/A	0.0136	0.0189	0.0233	0.0323	0.0480	0.0723	0.0909	0.1315	0.1696	0.2343	1.4393
RP25/A	0.0164	0.0227	0.0280	0.0388	0.0577	0.0869	0.1092	0.1580	0.2038	0.2815	1.6342
RP50/A	0.0184	0.0254	0.0314	0.0435	0.0647	0.0975	0.1225	0.1772	0.2286	0.3158	1.7672
RP100/A	0.0203	0.0281	0.0347	0.0481	0.0716	0.1078	0.1355	0.1960	0.2528	0.3492	1.8917
RP1000/A	0.0266	0.0367	0.0454	0.0629	0.0935	0.1408	0.1770	0.2560	0.3302	0.4562	2.2652
RP10000/A	0.0326	0.0450	0.0556	0.0771	0.1147	0.1727	0.2171	0.3140	0.4050	0.5595	2.6007
PMP/A	0.0624	0.0863	0.1066	0.1478	0.2198	0.3309	0.4161	0.6018	0.7763	1.0723	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUP ESO 9502	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
0	WEIDEMAN RANCH RENG	750	09	025	01W	P	M	37.765	121.983	CONTRA COSTA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1955	0.20	0.22	0.23	0.23	0.36	0.55	0.66	0.83	1.30	1.83	15.90
1956	0.30	0.37	0.45	0.43	0.70	1.26	1.57	2.81	3.17	4.90	28.33
1957	0.12	0.13	0.17	0.24	0.36	0.62	0.88	1.42	1.66	2.15	16.80
1958	0.16	0.27	0.29	0.41	0.62	0.90	1.15	1.82	2.11	2.51	36.30
1959	0.15	0.21	0.30	0.47	0.63	0.66	0.69	1.01	1.37	1.79	11.98
1960	0.13	0.15	0.18	0.31	0.55	0.80	1.16	1.65	2.28	2.53	16.37
1961	0.11	0.20	0.24	0.27	0.36	0.53	0.64	1.04	1.66	1.80	14.47
1962	0.17	0.22	0.25	0.32	0.43	0.55	0.65	0.87	1.41	1.75	18.71
1963	0.15	0.22	0.30	0.51	0.84	1.28	1.73	2.73	4.27	7.95	30.16
1964	0.18	0.27	0.34	0.54	0.74	0.96	1.24	1.74	2.03	2.40	13.56
1965	0.10	0.15	0.20	0.29	0.40	0.51	0.70	1.10	1.74	3.20	25.73
1966	0.15	0.22	0.24	0.35	0.69	0.81	1.00	1.55	1.90	2.00	15.70
1967	0.18	0.20	0.25	0.32	0.65	0.75	1.01	1.81	3.06	4.93	30.59
1968	0.20	0.27	0.30	0.34	0.44	0.75	1.05	1.50	1.90	2.80	13.72
1969	0.19	0.24	0.26	0.38	0.52	0.67	0.77	1.00	1.18	1.98	25.07
1970	0.25	0.33	0.40	0.49	0.69	0.96	1.20	1.72	1.85	2.76	23.46
1971	0.15	0.20	0.22	0.26	0.45	0.79	0.99	1.32	1.51	1.77	21.15
1972	0.14	0.16	0.17	0.21	0.29	0.38	0.46	0.64	0.84	1.66	10.54
1973	0.28	0.31	0.35	0.49	0.64	0.73	0.83	1.27	1.47	2.41	28.01

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUP ESO 9502	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
0	WEIDEMAN RANCH RENG	750	09	025	01W	P	M	37.765	121.983	CONTRA COSTA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.16	0.21	0.25	0.34	0.49	0.70	0.89	1.34	1.77	2.56	20.30
5	0.23	0.29	0.35	0.48	0.69	0.98	1.25	1.89	2.49	3.61	26.47
10	0.27	0.35	0.42	0.57	0.82	1.17	1.49	2.26	2.97	4.30	30.04
20	0.31	0.41	0.48	0.65	0.95	1.35	1.72	2.60	3.43	4.96	33.17
25	0.32	0.42	0.50	0.68	0.99	1.41	1.79	2.71	3.57	5.17	34.11
40	0.35	0.46	0.54	0.74	1.07	1.52	1.94	2.93	3.87	5.60	36.01
50	0.36	0.47	0.56	0.76	1.11	1.58	2.01	3.04	4.01	5.80	36.88
100	0.40	0.52	0.62	0.85	1.23	1.75	2.22	3.36	4.43	6.41	39.48
200	0.44	0.57	0.68	0.92	1.34	1.91	2.43	3.68	4.85	7.02	41.94
1000	0.53	0.68	0.81	1.10	1.60	2.28	2.90	4.39	5.79	8.38	47.28
10000	0.64	0.84	0.99	1.35	1.97	2.80	3.56	5.38	7.10	10.28	54.28
PMP	1.23	1.61	1.91	2.60	3.77	5.36	6.82	10.32	13.61	19.70	124.81
MEAN	0.175	0.228	0.271	0.368	0.535	0.761	0.967	1.465	1.932	2.796	20.871
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.973	0.571	0.780	0.248	0.248	0.819	0.764	1.024	1.602	2.383	0.470
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.520 : INTERCEPT (TIME=1 HOUR) =0.544 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.02606 ; AVERAGE CALC CV / USED CV = 0.75

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	4.002	3.474	3.773	2.026	2.395	3.978	3.799	4.385	6.218	9.196	2.555
N	19	19	19	19	19	19	19	19	19	19	19
RECORD YEAR	1956	1956	1956	1964	1963	1963	1963	1956	1963	1963	1958
RECORD MAXIMUM	0.300	0.370	0.450	0.540	0.840	1.280	1.730	2.810	4.270	7.950	36.300
NORMILIZED MAX	2.310	2.238	2.367	1.553	1.947	2.189	2.330	2.316	2.892	3.287	2.072
CALC. COEF. VAR	0.308	0.277	0.290	0.300	0.293	0.312	0.338	0.397	0.418	0.561	0.357
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0084	0.0109	0.0130	0.0177	0.0256	0.0365	0.0463	0.0702	0.0926	0.1340	1.0000
RP10/A	0.0129	0.0169	0.0200	0.0272	0.0394	0.0561	0.0714	0.1081	0.1425	0.2062	1.4393
RP25/A	0.0155	0.0202	0.0240	0.0326	0.0474	0.0674	0.0857	0.1298	0.1712	0.2478	1.6342
RP50/A	0.0174	0.0227	0.0269	0.0366	0.0532	0.0757	0.0962	0.1456	0.1921	0.2779	1.7672
RP100/A	0.0193	0.0251	0.0297	0.0405	0.0588	0.0837	0.1063	0.1610	0.2124	0.3073	1.8917
RP1000/A	0.0252	0.0328	0.0388	0.0529	0.0768	0.1093	0.1389	0.2103	0.2774	0.4015	2.2652
RP10000/A	0.0309	0.0402	0.0476	0.0649	0.0942	0.1340	0.1704	0.2580	0.3403	0.4924	2.6007
PMP/A	0.0592	0.0771	0.0913	0.1244	0.1805	0.2569	0.3265	0.4944	0.6522	0.9437	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F00 2150 0	CRESCENT CITY MTC STA	50	20	16N	01W		H	41.767	124.200	DEL NORTE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1942	0.26	0.41	0.46	0.55	0.76	0.97	1.12	1.99	3.08	3.80	72.94
1943	0.19	0.25	0.33	0.41	0.47	0.77	1.05	1.67	2.41	3.92	52.74
1944	0.16	0.21	0.23	0.35	0.49	0.90	0.98	1.53	2.15	3.48	56.17
1945	0.10	0.19	0.25	0.30	0.49	0.77	1.07	2.06	3.43	4.83	80.14
1946	0.11	0.18	0.21	0.34	0.57	1.09	1.23	1.55	2.31	3.78	54.53
1947	0.25	0.46	0.55	0.79	1.17	1.29	1.29	1.85	3.04	5.72	57.70
1948	0.21	0.35	0.36	0.46	0.57	0.77	0.96	1.72	3.23	5.16	75.86
1949	0.16	0.26	0.33	0.40	0.48	0.73	1.03	1.66	2.15	2.84	48.53
1950	0.15	0.23	0.30	0.50	0.80	1.42	1.87	3.33	4.86	7.83	85.73
1951	0.14	0.26	0.36	0.63	0.80	1.08	1.26	1.67	2.46	3.20	69.83
1952	0.17	0.24	0.47	0.55	0.77	0.95	1.13	1.60	2.23	2.79	50.76
1953	0.17	0.30	0.36	0.46	0.61	1.09	1.49	2.81	4.43	4.45	78.92
1954	0.15	0.22	0.32	0.47	0.70	0.90	1.40	2.46	4.40	6.36	67.98
1955	0.05	0.09	0.17	0.25	0.48	0.83	1.35	2.29	4.20	4.80	67.93
1956	0.20	0.25	0.32	0.40	0.70	1.00	1.50	2.16	2.55	4.29	67.91
1957	0.18	0.33	0.47	0.75	1.30	1.81	2.40	3.60	4.26	4.61	73.48
1958	0.27	0.38	0.44	0.56	0.76	1.15	1.42	1.86	2.39	3.83	66.81
1959	0.22	0.28	0.32	0.37	0.60	0.93	1.08	2.08	2.81	3.92	49.90
1960	0.18	0.30	0.35	0.46	0.63	0.91	1.19	1.67	2.54	3.42	70.92
1961	0.17	0.20	0.28	0.44	0.69	1.19	1.36	1.71	2.86	4.49	74.16
1962	0.30	0.40	0.48	0.63	0.93	1.72	1.49	2.39	2.79	3.53	57.46
1963	0.37	0.46	0.50	0.60	0.76	0.83	0.94	1.59	2.08	3.04	66.48
1964	0.21	0.31	0.33	0.39	0.65	0.90	1.10	1.60	2.11	3.28	66.30
1965	0.12	0.22	0.28	0.53	0.70	1.11	1.54	2.53	3.42	4.82	52.65
1966	0.18	0.25	0.32	0.50	0.65	1.23	1.57	2.06	2.65	4.48	69.67
1967	0.13	0.20	0.25	0.43	0.46	0.62	0.73	1.08	1.61	2.55	55.82
1968	0.20	0.25	0.31	0.41	0.56	0.75	0.94	1.16	1.84	2.18	******
1969	0.20	0.25	0.34	0.47	0.58	0.93	1.17	1.85	3.22	4.88	65.34
1970	0.17	0.24	0.28	0.32	0.45	0.79	1.03	1.70	2.54	4.30	69.67
1971	0.10	0.14	0.17	0.29	0.49	0.79	1.01	1.50	2.41	2.71	******
1972	0.14	0.23	0.27	0.36	0.52	0.90	1.24	2.53	4.16	4.52	******
1973	*****	*****	*****	*****	0.90	1.20	1.60	2.30	3.20	4.70	89.00
1974	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	61.70

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F00 2150 0	CRESCENT CITY MTC STA	50	20	16N	01W		H	41.767	124.200	DEL NORTE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.17	0.26	0.32	0.44	0.63	0.93	1.19	1.86	2.75	3.88	64.73
5	0.23	0.34	0.42	0.59	0.85	1.26	1.60	2.51	3.70	5.22	80.32
10	0.26	0.40	0.50	0.69	0.99	1.47	1.87	2.92	4.31	6.09	89.16
20	0.30	0.45	0.55	0.78	1.12	1.66	2.11	3.31	4.88	6.89	96.82
25	0.31	0.47	0.58	0.80	1.16	1.72	2.19	3.43	5.06	7.14	99.11
40	0.32	0.48	0.59	0.82	1.18	1.75	2.23	3.49	5.14	7.27	103.73
50	0.34	0.52	0.64	0.89	1.29	1.90	2.42	3.79	5.59	7.90	105.84
100	0.38	0.57	0.70	0.97	1.40	2.08	2.64	4.14	6.11	8.63	112.09
200	0.41	0.61	0.76	1.05	1.52	2.25	2.86	4.48	6.61	9.34	117.99
1000	0.48	0.72	0.89	1.23	1.78	2.63	3.35	5.24	7.74	10.93	130.65
10000	0.57	0.86	1.07	1.48	2.14	3.16	4.02	6.30	9.30	13.13	147.09
PMP	1.13	1.71	2.11	2.92	4.22	6.25	7.95	12.44	18.37	25.94	330.83
MEAN	0.180	0.272	0.337	0.466	0.674	0.997	1.269	1.986	2.932	4.141	65.902
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.862	0.487	0.563	0.810	1.449	1.296	1.472	1.153	0.766	0.995	0.179
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.465 ; INTERCEPT (TIME=1 HOUR) =0.691 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.01049 ; AVERAGE CALC CV / USED CV = 0.82

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.871	3.386	3.368	3.919	5.614	5.705	6.908	4.831	2.951	5.336	2.727
N	31	31	31	31	32	32	32	32	32	32	30
RECORD YEAR	1963	1947	1947	1947	1957	1957	1957	1957	1950	1950	1973
RECORD MAXIMUM	0.370	0.460	0.580	0.790	1.300	1.810	2.400	3.600	4.860	7.830	89.000
NORMILIZED MAX	2.977	2.156	2.495	2.601	3.129	3.325	3.518	2.901	2.297	3.185	2.174
CALC. COEF. VAR	0.355	0.320	0.289	0.267	0.297	0.265	0.253	0.280	0.286	0.280	0.161
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0027	0.0041	0.0051	0.0071	0.0102	0.0151	0.0193	0.0301	0.0445	0.0628	1.0000
RP10/A	0.0040	0.0061	0.0075	0.0104	0.0150	0.0223	0.0283	0.0443	0.0654	0.0924	1.3529
RP25/A	0.0047	0.0071	0.0088	0.0122	0.0176	0.0261	0.0332	0.0520	0.0767	0.1084	1.5039
RP50/A	0.0052	0.0079	0.0097	0.0135	0.0195	0.0289	0.0367	0.0575	0.0849	0.1198	1.6060
RP100/A	0.0057	0.0086	0.0106	0.0147	0.0213	0.0315	0.0401	0.0628	0.0927	0.1309	1.7009
RP1000/A	0.0072	0.0109	0.0135	0.0187	0.0270	0.0400	0.0509	0.0796	0.1175	0.1659	1.9825
RP10000/A	0.0087	0.0131	0.0162	0.0224	0.0324	0.0480	0.0611	0.0956	0.1411	0.1992	2.2320
PMP/A	0.0171	0.0259	0.0320	0.0443	0.0641	0.0948	0.1207	0.1888	0.2787	0.3937	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 1% STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F30 4577 0	KLAMATH	25	15	13W	01E		H	41.517	124.033	DEL NORTE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1944	0.14	0.22	0.31	0.39	0.69	1.16	1.29	2.15	3.24	4.70	65.51
1945	0.15	0.22	0.26	0.48	0.69	1.06	1.48	2.61	4.95	8.08	94.58
1946	0.14	0.28	0.39	0.55	0.62	0.74	0.98	1.61	2.28	2.76	62.10
1947	0.13	0.15	0.19	0.33	0.57	0.97	1.33	1.96	3.47	3.46	59.76
1948	0.16	0.26	0.37	0.48	0.73	1.42	2.03	3.35	4.74	5.68	69.70
1949	0.17	0.30	0.37	0.57	0.77	1.15	1.64	2.65	3.18	4.70	59.04
1950	0.18	0.25	0.36	0.53	1.05	1.65	2.29	3.68	6.32	8.98	113.25
1951	0.28	0.36	0.44	0.58	0.67	1.02	1.46	2.52	3.54	5.83	91.54
1952	0.19	0.25	0.29	0.42	0.55	0.97	1.25	1.52	2.09	2.44	71.24
1953	0.18	0.26	0.35	0.55	0.99	1.41	1.80	3.39	5.94	9.86	114.97
1954	0.21	0.24	0.26	0.46	0.64	1.24	1.56	2.78	5.58	8.19	89.68
1955	0.09	0.18	0.25	0.48	0.82	1.48	1.76	2.56	3.69	4.87	78.21
1956	0.12	0.22	0.28	0.55	0.91	1.66	1.91	2.68	4.16	6.24	87.73
1957	0.14	0.23	0.30	0.51	0.78	0.97	1.41	2.02	2.94	4.69	97.55
1958	0.18	0.25	0.28	0.36	0.58	0.98	1.28	1.91	3.00	4.53	83.58
1959	0.16	0.24	0.30	0.35	0.68	1.30	1.88	2.97	4.76	5.25	59.67
1960	0.23	0.28	0.31	0.42	0.74	1.24	1.69	2.41	3.74	4.70	85.91
1961	0.21	0.29	0.34	0.44	0.58	1.09	1.46	2.30	3.02	4.49	90.17
1962	0.23	0.27	0.30	0.60	0.73	0.99	1.27	2.02	2.99	4.51	69.10
1963	0.20	0.24	0.31	0.41	0.59	0.96	1.18	2.16	3.71	6.37	81.56
1964	0.13	0.18	0.22	0.37	0.59	0.86	1.25	1.97	3.42	4.33	89.41
1965	0.19	0.22	0.28	0.35	0.46	0.78	1.04	1.34	2.11	3.10	54.94
1966	0.15	0.25	0.36	0.45	0.63	0.88	1.06	1.51	2.52	4.28	80.38
1967	0.12	0.17	0.23	0.43	0.77	1.15	1.24	1.63	2.50	2.50	63.77
1968	0.12	0.15	0.25	0.44	0.70	1.20	1.40	1.93	2.67	3.69	82.63
1969	*****	*****	*****	*****	0.70	1.00	1.20	2.60	3.40	4.50	77.20
1970	*****	*****	*****	*****	0.90	1.00	1.70	2.60	4.10	6.50	104.00
1971	*****	*****	*****	*****	0.60	1.00	1.30	1.70	2.80	4.50	95.50
1972	*****	*****	*****	*****	0.70	1.20	1.60	2.90	4.70	7.20	92.50
1973	*****	*****	0.30	0.60	1.10	1.80	2.20	3.00	3.90	4.70	110.60
1974	*****	*****	0.20	0.30	0.60	0.80	1.10	1.80	3.10	5.10	75.00

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F30 4577 0	KLAMATH	25	15	13W	01E		H	41.517	124.033	DEL NORTE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.16	0.22	0.28	0.43	0.67	1.06	1.39	2.18	3.40	4.86	80.18
5	0.21	0.30	0.38	0.58	0.90	1.43	1.87	2.94	4.58	6.54	99.50
10	0.25	0.35	0.44	0.68	1.05	1.67	2.18	3.43	5.34	7.63	110.45
20	0.28	0.40	0.50	0.76	1.19	1.89	2.47	3.88	6.04	8.63	119.94
25	0.29	0.41	0.52	0.79	1.23	1.95	2.56	4.02	6.26	8.94	122.78
40	0.29	0.42	0.53	0.81	1.25	1.99	2.61	4.09	6.37	9.10	128.50
50	0.32	0.45	0.57	0.88	1.36	2.16	2.83	4.44	6.93	9.89	131.11
100	0.35	0.50	0.63	0.96	1.49	2.36	3.09	4.85	7.56	10.80	138.86
200	0.38	0.54	0.68	1.04	1.61	2.56	3.35	5.25	8.19	11.69	146.16
1000	0.44	0.63	0.79	1.21	1.88	2.99	3.92	6.15	9.59	13.69	161.85
10000	0.53	0.76	0.95	1.46	2.26	3.59	4.71	7.39	11.51	16.44	182.21
PMP	1.05	1.49	1.88	2.88	4.47	7.10	9.30	14.60	22.75	32.48	409.82
MEAN	0.168	0.238	0.300	0.459	0.714	1.133	1.485	2.330	3.631	5.185	81.638
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.606	0.099	0.236	0.021	1.027	0.899	0.723	0.370	0.845	0.885	0.082
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.385 ; INTERCEPT (TIME=1 HOUR) =0.730 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.00894 ; AVERAGE CALC CV / USED CV = 0.82

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.683	3.964	3.217	2.296	4.058	3.598	3.140	2.734	3.466	3.842	2.596
N	25	25	27	27	31	31	31	31	31	31	31
RECORD YEAR	1951	1951	1951	1962	1973	1973	1950	1950	1950	1953	1953
RECORD MAXIMUM	0.280	0.360	0.440	0.600	1.100	1.800	2.290	3.680	6.320	9.860	114.970
NORMILIZED MAX	2.581	2.523	2.354	1.622	2.593	2.529	2.382	2.253	2.475	2.587	1.920
CALC. COEF. VAR	0.258	0.202	0.198	0.189	0.209	0.233	0.227	0.257	0.299	0.349	0.213
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0021	0.0029	0.0037	0.0056	0.0087	0.0139	0.0182	0.0285	0.0445	0.0635	1.0000
RP10/A	0.0030	0.0043	0.0054	0.0083	0.0129	0.0204	0.0268	0.0420	0.0654	0.0934	1.3529
RP25/A	0.0035	0.0050	0.0063	0.0097	0.0151	0.0239	0.0314	0.0492	0.0767	0.1096	1.5039
RP50/A	0.0039	0.0056	0.0070	0.0107	0.0167	0.0265	0.0347	0.0544	0.0848	0.1211	1.6060
RP100/A	0.0043	0.0061	0.0077	0.0117	0.0182	0.0289	0.0379	0.0595	0.0927	0.1323	1.7009
RP1000/A	0.0054	0.0077	0.0097	0.0149	0.0231	0.0367	0.0480	0.0754	0.1174	0.1677	1.9825
RP10000/A	0.0065	0.0093	0.0117	0.0178	0.0277	0.0440	0.0577	0.0905	0.1410	0.2014	2.2320
PMP/A	0.0129	0.0183	0.0230	0.0352	0.0548	0.0870	0.1140	0.1788	0.2786	0.3979	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A70 763 50	BIG HILL SMUD	6150	33	12N	14E	K	M	38.843	120.407	EL DORADO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1970	*****	*****	*****	0.22	0.40	0.66	0.92	1.50	2.99	4.59	43.66
1971	*****	*****	*****	0.28	0.43	0.80	1.12	1.75	2.13	3.72	38.79
1972	*****	*****	*****	0.19	0.36	0.52	0.52	0.68	1.32	1.93	29.76
1973	*****	*****	*****	0.25	0.38	0.68	1.03	1.64	2.66	4.84	41.54
1974	*****	*****	*****	0.24	0.38	0.72	1.08	1.53	2.64	3.60	68.07
1975	*****	*****	*****	0.27	0.37	0.51	0.71	1.19	1.92	3.00	44.88

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A70 763 50	BIG HILL SMUD	6150	33	12N	14E	K	M	38.843	120.407	EL DORADO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.0	0.23	0.36	0.61	0.84	1.30	2.14	3.39	43.59
5	0.0	0.0	0.0	0.30	0.48	0.81	1.12	1.73	2.86	4.53	55.01
10	0.0	0.0	0.0	0.35	0.56	0.94	1.31	2.01	3.32	5.27	61.48
20	0.0	0.0	0.0	0.40	0.64	1.07	1.48	2.27	3.75	5.95	67.09
25	0.0	0.0	0.0	0.41	0.66	1.11	1.53	2.35	3.88	6.16	68.77
40	0.0	0.0	0.0	0.42	0.67	1.12	1.55	2.39	3.96	6.26	72.16
50	0.0	0.0	0.0	0.45	0.73	1.22	1.69	2.60	4.28	6.80	73.70
100	0.0	0.0	0.0	0.50	0.79	1.33	1.84	2.84	4.67	7.42	78.28
200	0.0	0.0	0.0	0.54	0.86	1.44	1.99	3.07	5.05	8.02	82.60
1000	0.0	0.0	0.0	0.63	1.00	1.68	2.33	3.58	5.90	9.37	91.87
10000	0.0	0.0	0.0	0.75	1.20	2.02	2.79	4.30	7.08	11.23	103.91
PMP	0.0	0.0	0.0	1.48	2.36	3.96	5.48	8.45	13.92	22.10	238.47
MEAN	0.0	0.0	0.0	0.242	0.387	0.648	0.897	1.382	2.277	3.613	44.450
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	-0.565	1.138	-0.177	-0.919	-1.399	-0.608	-0.551	1.413
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.269 ; INTERCEPT (TIME=1 HOUR) =0.395 ; COEFFICIENT OF DETERMINATION = 0.992
1HR INTERCEPT / MEAN YR =0.00889 ; AVERAGE CALC CV / USED CV = 0.47

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	0.0	5.065	6.327	4.254	4.887	6.806	5.040	5.275	8.105
N	0	0	0	6	6	6	6	6	6	6	6
RECORD YEAR	0	0	0	1971	1971	1971	1971	1971	1970	1973	1974
RECORD MAXIMUM	0.0	0.0	0.0	0.280	0.430	0.800	1.120	1.750	2.990	4.840	68.070
NORMILIZED MAX	0.0	0.0	0.0	1.157	1.731	1.331	0.946	0.940	1.172	1.151	1.850
CALC. COEF. VAR	0.0	0.0	0.0	0.137	0.065	0.176	0.263	0.284	0.267	0.295	0.287
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0	0.0	0.0054	0.0087	0.0146	0.0202	0.0311	0.0512	0.0813	1.0000
RP10/A	0.0	0.0	0.0	0.0079	0.0127	0.0213	0.0294	0.0453	0.0746	0.1185	1.3832
RP25/A	0.0	0.0	0.0	0.0093	0.0148	0.0249	0.0344	0.0530	0.0873	0.1386	1.5472
RP50/A	0.0	0.0	0.0	0.0102	0.0164	0.0274	0.0380	0.0585	0.0964	0.1529	1.6580
RP100/A	0.0	0.0	0.0	0.0112	0.0179	0.0299	0.0414	0.0638	0.1051	0.1668	1.7611
RP1000/A	0.0	0.0	0.0	0.0141	0.0226	0.0378	0.0523	0.0806	0.1328	0.2108	2.0668
RP10000/A	0.0	0.0	0.0	0.0169	0.0270	0.0453	0.0627	0.0966	0.1592	0.2527	2.3377
PMP/A	0.0	0.0	0.0	0.0332	0.0532	0.0892	0.1234	0.1901	0.3132	0.4971	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A70 3381 0	GEORGETOWN	2720	11	12N	10E	D	M	39.909	120.834	EL DORADO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	0.56	0.72	1.00	1.36	1.49	1.98	2.85	4.15	73.19
1941	*****	*****	0.28	0.44	0.61	0.77	0.96	1.39	2.06	2.68	52.59
1942	20.00	*****	0.55	0.70	0.73	0.89	1.30	2.33	2.71	4.20	59.54
1943	*****	*****	0.35	0.49	0.77	1.15	1.35	1.85	2.79	4.31	42.93
1944	*****	*****	0.31	0.44	0.60	1.05	1.09	1.51	1.99	3.65	47.82
1945	*****	*****	0.50	0.70	0.89	1.03	1.15	1.70	2.76	4.61	56.66
1946	*****	*****	0.58	0.74	0.90	0.96	0.96	1.56	2.69	3.79	31.19
1947	*****	*****	0.26	0.36	0.60	0.72	1.04	1.88	3.01	3.29	33.45
1948	*****	*****	0.20	0.29	0.38	0.64	0.86	1.53	1.69	3.06	45.71
1949	*****	*****	0.45	0.60	0.79	0.90	1.00	1.18	2.55	4.12	32.59
1950	*****	*****	0.27	0.38	0.64	0.99	1.45	2.55	4.45	7.25	77.53
1951	*****	*****	0.22	0.29	0.55	1.05	1.40	2.10	2.62	4.47	58.46
1952	*****	*****	0.32	0.38	0.40	0.70	0.95	1.57	2.10	2.95	55.50
1953	*****	*****	0.17	0.28	0.50	0.91	1.12	1.83	3.15	3.85	38.79
1954	*****	*****	0.22	0.32	0.57	0.72	0.88	1.57	2.47	3.54	47.92
1955	*****	*****	0.27	0.38	0.66	1.05	1.48	2.90	5.40	6.97	54.84
1956	*****	*****	0.27	0.41	0.65	1.15	1.45	1.84	2.24	3.06	37.63
1957	*****	*****	0.36	0.51	0.80	1.03	1.33	2.15	3.69	4.73	51.39
1958	*****	*****	0.20	0.25	0.39	0.65	0.92	1.40	2.09	3.50	56.20
1959	*****	*****	0.18	0.32	0.57	0.77	1.03	1.74	2.37	2.72	31.31
1960	*****	*****	0.26	0.39	0.57	0.97	1.34	2.33	4.27	7.26	48.30
1961	*****	*****	0.22	0.30	0.42	0.58	0.72	1.07	1.49	1.68	28.82
1962	*****	*****	0.32	0.45	0.90	1.30	1.85	2.90	4.42	5.74	54.34
1963	*****	*****	0.45	0.60	1.00	1.28	1.65	2.54	3.92	5.48	48.22
1964	*****	*****	0.25	0.46	0.65	1.22	1.60	2.45	4.10	6.44	58.53
1965	*****	*****	0.29	0.48	0.81	1.07	1.41	2.26	2.59	3.29	40.95
1966	*****	*****	0.51	0.66	0.81	0.95	1.09	1.45	1.99	2.85	32.82
1967	*****	*****	0.27	0.42	0.59	1.05	1.34	1.68	1.82	2.17	51.80
1968	*****	*****	*****	*****	0.60	1.10	1.70	1.40	2.00	2.70	49.40
1969	*****	*****	*****	*****	0.60	1.10	1.30	1.70	2.60	4.80	74.46
1970	*****	*****	*****	*****	0.70	1.00	1.50	2.00	3.00	4.40	72.30
1971	*****	*****	*****	*****	0.50	0.80	1.00	1.60	2.30	4.30	41.70
1973	*****	*****	*****	*****	0.50	0.80	1.20	2.00	3.70	5.70	75.50

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A70 3381 0	GEORGETOWN	2720	11	12N	10E	D	M	39.909	120.834	EL DORADO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.30	0.43	0.70	0.97	1.20	1.80	2.70	3.90	49.40
5	0.0	0.0	0.41	0.58	0.94	1.29	1.60	2.40	3.60	5.21	62.34
10	0.0	0.0	0.47	0.67	1.09	1.50	1.86	2.79	4.19	6.06	69.68
20	0.0	0.0	0.53	0.76	1.23	1.69	2.10	3.15	4.73	6.84	76.06
25	0.0	0.0	0.55	0.78	1.27	1.75	2.17	3.26	4.90	7.09	77.94
40	0.0	0.0	0.56	0.80	1.30	1.78	2.21	3.32	4.98	7.21	81.78
50	0.0	0.0	0.61	0.86	1.41	1.93	2.40	3.60	5.41	7.82	83.52
100	0.0	0.0	0.67	0.94	1.54	2.11	2.61	3.93	5.90	8.53	88.71
200	0.0	0.0	0.72	1.02	1.66	2.28	2.83	4.25	6.38	9.23	93.60
1000	0.0	0.0	0.84	1.19	1.94	2.67	3.30	4.97	7.45	10.78	104.12
10000	0.0	0.0	1.01	1.43	2.33	3.20	3.96	5.95	8.93	12.93	117.76
PMP	0.0	0.0	1.99	2.81	4.57	6.29	7.79	11.71	17.57	25.43	270.26
MEAN	0.0	0.0	0.325	0.459	0.748	1.028	1.274	1.915	2.873	4.158	50.375
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.883	0.562	0.363	0.045	0.233	0.580	0.973	0.649	0.382
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.442 ; INTERCEPT (TIME=1 HOUR) =0.703 ; COEFFICIENT OF DETERMINATION = 0.993
1HR INTERCEPT / MEAN YR =0.01395 ; AVERAGE CALC CV / USED CV = 0.81

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	2.834	2.418	2.731	2.622	2.776	3.032	3.667	3.169	2.751
N	1	0	28	28	33	33	33	33	33	33	33
RECORD YEAR	0	0	1946	1946	1940	1940	1962	1955	1955	1960	1950
RECORD MAXIMUM	0.0	0.0	0.580	0.740	1.000	1.280	1.850	2.900	5.400	7.260	77.530
NORMALIZED MAX	0.0	0.0	2.078	1.889	1.311	1.554	2.115	2.097	2.703	2.150	1.987
CALC. COEF. VAR	0.0	0.0	0.379	0.324	0.257	0.208	0.214	0.245	0.325	0.347	0.271
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0	0.0066	0.0091	0.0148	0.0204	0.0253	0.0380	0.0570	0.0825	1.0000
RP10/A	0.0	0.0	0.0094	0.0133	0.0216	0.0297	0.0368	0.0554	0.0831	0.1203	1.3832
RP25/A	0.0	0.0	0.0110	0.0155	0.0253	0.0348	0.0431	0.0648	0.0972	0.1407	1.5472
RP50/A	0.0	0.0	0.0121	0.0172	0.0279	0.0384	0.0476	0.0715	0.1073	0.1553	1.6580
RP100/A	0.0	0.0	0.0132	0.0187	0.0305	0.0419	0.0519	0.0780	0.1171	0.1694	1.7611
RP1000/A	0.0	0.0	0.0167	0.0236	0.0385	0.0529	0.0656	0.0986	0.1479	0.2141	2.0668
RP10000/A	0.0	0.0	0.0200	0.0283	0.0462	0.0635	0.0786	0.1182	0.1773	0.2566	2.3377
PMP/A	0.0	0.0	0.0394	0.0558	0.0908	0.1248	0.1546	0.2324	0.3488	0.5047	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A70 4345 30	JAY BIRD SPRINGS	4475	03	11N	13E	F	M	38.831	120.514	EL DORADO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1970	*****	*****	*****	0.13	0.26	0.52	0.78	1.12	1.70	1.81	51.10
1971	*****	*****	*****	0.27	0.49	0.74	0.96	1.62	2.40	2.83	31.31
1972	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	36.35
1973	*****	*****	*****	0.18	0.33	0.64	0.96	1.71	3.16	5.11	45.27
1974	*****	*****	*****	0.23	0.34	0.64	0.92	1.42	2.36	2.84	48.88
1975	*****	*****	*****	0.36	0.45	0.81	0.96	1.65	2.31	2.82	49.25

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A70 4345 30	JAY BIRD SPRINGS	4475	03	11N	13E	F	M	38.831	120.514	EL DORADO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.0	0.22	0.35	0.63	0.86	1.41	2.24	2.89	42.85
5	0.0	0.0	0.0	0.29	0.47	0.84	1.15	1.89	2.99	3.87	54.07
10	0.0	0.0	0.0	0.34	0.55	0.98	1.33	2.19	3.48	4.49	60.43
20	0.0	0.0	0.0	0.39	0.62	1.10	1.51	2.48	3.93	5.07	65.95
25	0.0	0.0	0.0	0.40	0.64	1.14	1.56	2.56	4.07	5.25	67.60
40	0.0	0.0	0.0	0.41	0.65	1.16	1.59	2.61	4.14	5.36	70.93
50	0.0	0.0	0.0	0.44	0.70	1.26	1.72	2.83	4.49	5.80	72.45
100	0.0	0.0	0.0	0.48	0.77	1.38	1.88	3.09	4.90	6.33	76.95
200	0.0	0.0	0.0	0.52	0.83	1.49	2.03	3.34	5.29	6.84	81.19
1000	0.0	0.0	0.0	0.61	0.97	1.74	2.38	3.90	6.19	7.99	90.31
10000	0.0	0.0	0.0	0.73	1.16	2.08	2.85	4.68	7.42	9.58	102.14
PMP	0.0	0.0	0.0	1.43	2.29	4.10	5.60	9.20	14.59	18.85	234.41
MEAN	0.0	0.0	0.0	0.234	0.374	0.670	0.916	1.504	2.386	3.082	43.693
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.469	0.198	-0.106	-1.986	-1.309	0.419	1.442	-0.912
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.231 ; INTERCEPT (TIME=1 HOUR) =0.390 ; COEFFICIENT OF DETERMINATION = 0.976
1HR INTERCEPT / MEAN YR =0.00892 ; AVERAGE CALC CV / USED CV = 0.64

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	0.0	6.611	5.189	6.410	9.954	7.520	8.350	9.290	4.490
N	0	0	0	5	5	5	5	5	5	5	6
RECORD YEAR	0	0	0	1975	1971	1975	1971	1973	1973	1973	1970
RECORD MAXIMUM	0.0	0.0	0.0	0.360	0.490	0.810	0.960	1.710	3.160	5.110	51.100
NORMALIZED MAX	0.0	0.0	0.0	1.433	1.234	1.267	0.564	0.856	1.492	1.667	0.922
CALC. COEF. VAR	0.0	0.0	0.0	0.376	0.251	0.165	0.085	0.160	0.217	0.395	0.184
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0	0.0	0.0054	0.0086	0.0153	0.0210	0.0344	0.0546	0.0705	1.0000
RP10/A	0.0	0.0	0.0	0.0078	0.0125	0.0223	0.0306	0.0502	0.0796	0.1028	1.3832
RP25/A	0.0	0.0	0.0	0.0091	0.0146	0.0261	0.0357	0.0587	0.0931	0.1202	1.5472
RP50/A	0.0	0.0	0.0	0.0101	0.0161	0.0288	0.0394	0.0648	0.1027	0.1327	1.6580
RP100/A	0.0	0.0	0.0	0.0110	0.0176	0.0315	0.0430	0.0707	0.1121	0.1448	1.7611
RP1000/A	0.0	0.0	0.0	0.0139	0.0222	0.0398	0.0544	0.0893	0.1416	0.1829	2.0668
RP10000/A	0.0	0.0	0.0	0.0167	0.0266	0.0477	0.0652	0.1070	0.1698	0.2193	2.3377
PMP/A	0.0	0.0	0.0	0.0327	0.0523	0.0938	0.1282	0.2105	0.3339	0.4313	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A70 4616 0	KYBURZ STRAWBERRY	5700	18	11N	17E	P	M	38.795	120.145	EL DORADO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	0.04	0.06	0.10	0.17	0.31	0.60	0.82	1.35	2.30	2.76	******
1942	0.05	0.08	0.12	0.24	0.41	0.53	0.71	1.39	2.16	3.64	30.25
1943	*****	*****	0.25	0.30	0.47	0.64	0.86	1.58	2.36	4.63	59.27
1946	*****	*****	0.13	0.25	0.40	0.75	1.10	2.11	3.86	5.94	38.60
1947	*****	*****	0.15	0.21	0.38	0.49	0.75	1.00	1.59	2.51	29.23
1948	*****	*****	0.20	0.32	0.35	0.43	0.68	1.13	1.78	2.55	41.21
1949	*****	*****	1.00	1.02	1.04	1.05	1.06	1.07	1.30	1.30	27.31
1950	*****	*****	0.18	0.27	0.50	0.95	1.20	1.94	3.41	6.85	74.00
1951	*****	*****	0.26	0.31	0.37	0.59	0.75	1.50	2.02	3.35	43.01
1952	*****	*****	0.10	0.19	0.26	0.47	0.74	1.33	1.72	1.96	44.72
1953	*****	*****	0.11	0.19	0.34	0.62	0.85	1.30	2.06	2.79	37.11
1954	*****	*****	0.10	0.14	0.21	0.42	0.62	1.13	1.91	2.96	37.68
1955	*****	*****	0.21	0.32	0.45	0.75	0.95	1.85	2.72	5.20	******
1956	*****	*****	0.52	0.55	0.62	0.65	0.78	1.40	2.20	2.89	******
1957	*****	*****	0.15	0.23	0.28	0.56	0.66	1.00	1.87	2.75	44.01
1958	*****	*****	0.46	0.48	0.55	0.55	0.55	1.05	1.65	2.69	48.19
1959	*****	*****	0.12	0.18	0.36	0.61	0.88	1.50	1.96	2.17	28.77
1960	*****	*****	0.09	0.18	0.35	0.57	0.76	1.15	1.87	2.57	38.27
1963	*****	*****	0.40	0.42	0.44	0.62	0.94	1.62	3.06	5.37	59.66
1964	*****	*****	0.14	0.26	0.47	0.75	1.08	1.65	3.08	4.85	53.73
1965	*****	*****	0.63	0.93	1.14	1.19	1.22	1.50	1.74	2.59	45.27
1966	*****	*****	0.20	0.26	0.38	0.60	0.80	1.24	2.31	2.87	30.09
1967	*****	*****	0.13	0.25	0.47	0.80	1.09	1.50	1.96	2.66	52.23
1968	*****	*****	0.15	0.28	0.41	0.55	0.60	1.01	1.92	3.25	43.16
1969	*****	*****	0.22	0.31	0.45	0.81	0.94	1.45	2.38	4.33	60.86
1970	*****	*****	0.19	0.32	0.44	0.65	0.80	1.37	2.50	3.83	53.83
1971	*****	*****	0.16	0.22	0.34	0.54	0.75	1.30	2.05	2.85	41.20
1972	*****	*****	0.12	0.23	0.32	0.61	0.72	1.35	2.06	2.51	34.08
1973	*****	*****	*****	*****	0.30	0.53	0.72	1.18	2.22	3.63	51.78
1974	*****	*****	*****	*****	0.34	0.55	0.71	1.28	2.34	3.06	35.19

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A70 4616 0	KYBURZ STRAWBERRY	5700	18	11N	17E	P	M	38.795	120.145	EL DORADO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.04	0.07	0.22	0.30	0.47	0.65	0.82	1.32	2.10	3.17	42.96
5	0.06	0.09	0.30	0.40	0.62	0.87	1.09	1.76	2.80	4.24	54.21
10	0.07	0.10	0.35	0.47	0.73	1.01	1.27	2.04	3.26	4.92	60.59
20	0.07	0.12	0.39	0.53	0.82	1.14	1.43	2.31	3.68	5.56	66.12
25	0.08	0.12	0.41	0.55	0.85	1.18	1.48	2.39	3.81	5.76	67.77
40	0.08	0.12	0.41	0.56	0.86	1.20	1.51	2.43	3.87	5.86	71.11
50	0.08	0.13	0.45	0.61	0.94	1.30	1.64	2.64	4.20	6.36	72.63
100	0.09	0.14	0.49	0.66	1.02	1.42	1.79	2.88	4.59	6.93	77.14
200	0.10	0.16	0.53	0.72	1.10	1.54	1.93	3.11	4.96	7.50	81.39
1000	0.12	0.18	0.62	0.84	1.29	1.80	2.26	3.64	5.79	8.76	90.54
10000	0.14	0.22	0.74	1.00	1.55	2.15	2.70	4.36	6.95	10.50	102.40
PMP	0.28	0.43	1.46	1.97	3.04	4.24	5.32	8.57	13.66	20.66	235.01
MEAN	0.045	0.070	0.239	0.322	0.498	0.693	0.870	1.402	2.234	3.379	43.804
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	2.492	2.531	2.608	1.562	0.685	0.837	1.299	1.150	0.675
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.179 ; INTERCEPT (TIME=1 HOUR) =0.438 ; COEFFICIENT OF DETERMINATION = 0.354
1HR INTERCEPT / MEAN YR =0.01000 ; AVERAGE CALC CV / USED CV = 1.16

KURTOSIS	0.0	0.0	10.007	9.442	10.381	5.826	2.938	3.916	5.132	4.236	3.505
N	2	2	28	28	30	30	30	30	30	30	27
RECORD YEAR	1942	1942	1949	1949	1965	1965	1965	1946	1946	1950	1950
RECORD MAXIMUM	0.050	0.080	1.000	1.020	1.140	1.190	1.220	2.110	3.860	6.850	74.0000
NORMILIZED MAX	0.707	0.707	3.772	3.387	2.854	2.669	1.909	2.523	2.908	2.769	2.619
CALC. COEF. VAR	0.157	0.202	0.846	0.638	0.452	0.269	0.211	0.200	0.250	0.371	0.263
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0010	0.0016	0.0054	0.0074	0.0114	0.0158	0.0199	0.0320	0.0510	0.0771	1.0000
RP10/A	0.0015	0.0023	0.0079	0.0107	0.0166	0.0231	0.0289	0.0466	0.0743	0.1124	1.3832
RP25/A	0.0018	0.0027	0.0093	0.0125	0.0194	0.0270	0.0338	0.0545	0.0869	0.1315	1.5472
RP50/A	0.0019	0.0030	0.0102	0.0139	0.0214	0.0298	0.0374	0.0602	0.0960	0.1451	1.6580
RP100/A	0.0021	0.0033	0.0112	0.0151	0.0233	0.0325	0.0408	0.0657	0.1047	0.1583	1.7611
RP1000/A	0.0027	0.0041	0.0141	0.0191	0.0295	0.0410	0.0515	0.0830	0.1323	0.2001	2.0668
RP10000/A	0.0032	0.0050	0.0169	0.0229	0.0353	0.0492	0.0617	0.0995	0.1586	0.2398	2.3377
PMP/A	0.0063	0.0098	0.0333	0.0450	0.0695	0.0967	0.1214	0.1957	0.3119	0.4717	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
A70 5097 80	LOON LAKE SMUD	6650	07	13N	15E	K	M	38.986	120.331	EL DORADO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1970	*****	0.12	0.16	0.32	0.58	1.06	1.50	2.77	4.65	5.04	44.02
1971	*****	0.11	0.15	0.21	0.37	0.61	0.85	1.28	1.96	3.70	45.91
1972	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	45.92
1973	*****	0.24	0.24	0.24	0.30	0.50	0.72	1.17	2.08	3.50	47.01
1974	*****	0.05	0.08	0.15	0.29	0.57	0.82	1.44	2.25	3.12	61.62
1975	*****	0.26	0.27	0.39	0.52	0.68	1.02	1.02	1.63	2.16	45.45

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
A70 5097 80	LOON LAKE SMUD	6650	07	13N	15E	K	M	38.986	120.331	EL DORADO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.15	0.17	0.25	0.39	0.64	0.92	1.44	2.36	3.29	47.39
5	0.0	0.20	0.23	0.33	0.52	0.86	1.23	1.93	3.15	4.39	59.80
10	0.0	0.23	0.26	0.38	0.60	1.00	1.43	2.24	3.66	5.11	66.84
20	0.0	0.26	0.30	0.43	0.68	1.13	1.62	2.53	4.14	5.77	72.94
25	0.0	0.27	0.31	0.45	0.70	1.17	1.67	2.62	4.28	5.97	74.76
40	0.0	0.27	0.31	0.45	0.71	1.19	1.70	2.66	4.36	6.07	78.44
50	0.0	0.29	0.34	0.49	0.78	1.29	1.85	2.89	4.73	6.59	80.12
100	0.0	0.32	0.37	0.54	0.85	1.40	2.02	3.15	5.16	7.19	85.10
200	0.0	0.35	0.40	0.58	0.91	1.52	2.18	3.41	5.58	7.78	89.79
1000	0.0	0.40	0.47	0.68	1.07	1.77	2.55	3.98	6.52	9.09	99.87
10000	0.0	0.49	0.56	0.81	1.28	2.13	3.05	4.78	7.82	10.89	112.96
PMP	0.0	0.95	1.10	1.60	2.52	4.18	6.00	9.39	15.37	21.43	259.25
MEAN	0.0	0.156	0.180	0.262	0.412	0.684	0.982	1.536	2.514	3.504	48.322
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.217	-0.086	0.367	0.497	1.761	1.616	1.977	2.039	0.421	2.329
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.361 ; INTERCEPT (TIME=1 HOUR) =0.444 ; COEFFICIENT OF DETERMINATION = 0.965
IMR INTERCEPT / MEAN YR =0.00919 ; AVERAGE CALC CV / USED CV = 1.13

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	4.715	5.657	5.887	4.591	9.474	8.871	10.073	10.292	7.791	10.125
N	0	5	5	5	5	5	5	5	5	5	6
RECORD YEAR	0	1975	1975	1975	1970	1970	1970	1970	1970	1970	1974
RECORD MAXIMUM	0.0	0.260	0.270	0.390	0.580	1.060	1.500	2.770	4.650	5.040	61.620
NORMILIZED MAX	0.0	1.153	1.187	1.359	1.278	1.709	1.676	1.746	1.757	1.473	2.019
CALC. COEF. VAR	0.0	0.578	0.621	0.359	0.319	0.322	0.315	0.460	0.483	0.298	0.136
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0032	0.0037	0.0054	0.0085	0.0142	0.0203	0.0318	0.0520	0.0725	1.0000
RP10/A	0.0	0.0047	0.0054	0.0079	0.0124	0.0206	0.0296	0.0463	0.0758	0.1057	1.3832
RP25/A	0.0	0.0055	0.0063	0.0092	0.0145	0.0241	0.0346	0.0542	0.0887	0.1236	1.5472
RP50/A	0.0	0.0061	0.0070	0.0102	0.0160	0.0266	0.0382	0.0598	0.0979	0.1364	1.6580
RP100/A	0.0	0.0066	0.0076	0.0111	0.0175	0.0291	0.0417	0.0652	0.1068	0.1488	1.7611
RP1000/A	0.0	0.0084	0.0097	0.0141	0.0221	0.0367	0.0527	0.0824	0.1349	0.1881	2.0668
RP10000/A	0.0	0.0100	0.0116	0.0169	0.0265	0.0440	0.0632	0.0988	0.1618	0.2254	2.3377
PMP/A	0.0	0.0197	0.0228	0.0332	0.0521	0.0866	0.1243	0.1944	0.3181	0.4434	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. PSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LDT	BNM	LATITUDE	LONGITUDE	COUNTY
A70 5163 RO	LOWER VAN VLICK SMUD	6350	30	13N	15E	P	M	38.940	120.338	EL DORADO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1971	*****	0.08	0.10	0.16	0.31	0.61	0.85	1.52	2.22	3.91	58.13
1972	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	37.93
1973	*****	0.32	0.36	0.38	0.38	0.50	0.74	1.38	2.17	3.67	45.71
1974	*****	0.07	0.09	0.17	0.34	0.64	0.98	1.72	2.71	3.54	65.84
1975	*****	0.05	0.07	0.14	0.28	0.54	0.74	1.25	2.20	3.03	54.92

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. PSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LDT	BNM	LATITUDE	LONGITUDE	COUNTY
A70 5163 RO	LOWER VAN VLICK SMUD	6350	30	13N	15E	P	N	38.940	120.338	EL DORADO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.12	0.15	0.20	0.31	0.54	0.78	1.38	2.18	3.32	51.49
5	0.0	0.16	0.19	0.27	0.41	0.72	1.04	1.84	2.92	4.44	64.98
10	0.0	0.19	0.23	0.31	0.48	0.83	1.21	2.14	3.39	5.16	72.62
20	0.0	0.21	0.26	0.35	0.54	0.94	1.36	2.42	3.83	5.82	79.25
25	0.0	0.22	0.26	0.36	0.56	0.98	1.41	2.50	3.96	6.03	81.24
40	0.0	0.23	0.27	0.37	0.57	0.99	1.43	2.54	4.03	6.13	85.23
50	0.0	0.24	0.29	0.40	0.62	1.08	1.56	2.76	4.37	6.66	87.06
100	0.0	0.27	0.32	0.44	0.67	1.18	1.70	3.01	4.77	7.26	92.47
200	0.0	0.29	0.34	0.47	0.73	1.27	1.84	3.26	5.16	7.85	97.56
1000	0.0	0.34	0.40	0.55	0.85	1.48	2.15	3.81	6.03	9.18	108.52
10000	0.0	0.40	0.48	0.66	1.02	1.78	2.57	4.56	7.23	11.00	122.74
PMP	0.0	0.79	0.95	1.30	2.00	3.50	5.06	8.97	14.22	21.63	281.69
MEAN	0.0	0.130	0.155	0.212	0.327	0.572	0.827	1.467	2.325	3.537	52.506
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	1.942	1.950	1.925	0.292	-0.140	0.995	0.432	1.961	-0.998	-0.274
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.364 ; INTERCEPT (TIME=1 HOUR) =0.368 ; COEFFICIENT OF DETERMINATION = 0.948
1HR INTERCEPT / MEAN YR =0.00701 ; AVERAGE CALC CV / USED CV = 1.36

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	13.853	13.873	13.813	10.253	8.200	10.347	10.357	13.899	12.036	5.930
N	0	4	4	4	4	4	4	4	4	4	5
RECORD YEAR	0	1973	1973	1973	1973	1974	1974	1974	1974	1971	1974
RECORD MAXIMUM	0.0	0.320	0.360	0.380	0.380	0.640	0.980	1.720	2.710	3.910	65.840
NORMALIZED MAX	0.0	1.493	1.494	1.491	1.229	1.055	1.336	1.255	1.495	1.003	1.225
CALC. COEF. VAR	0.0	0.979	0.885	0.529	0.130	0.112	0.138	0.137	0.111	0.105	0.207
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0025	0.0030	0.0040	0.0062	0.0109	0.0158	0.0279	0.0443	0.0674	1.0000
RP10/A	0.0	0.0036	0.0043	0.0059	0.0091	0.0159	0.0230	0.0407	0.0645	0.0982	1.3832
RP25/A	0.0	0.0042	0.0050	0.0069	0.0106	0.0186	0.0269	0.0476	0.0755	0.1148	1.5472
RP50/A	0.0	0.0047	0.0056	0.0076	0.0117	0.0205	0.0297	0.0526	0.0833	0.1268	1.6580
RP100/A	0.0	0.0051	0.0061	0.0083	0.0128	0.0224	0.0323	0.0574	0.0909	0.1383	1.7611
RP1000/A	0.0	0.0064	0.0077	0.0105	0.0162	0.0283	0.0409	0.0725	0.1148	0.1747	2.0668
RP10000/A	0.0	0.0077	0.0092	0.0126	0.0194	0.0339	0.0490	0.0869	0.1377	0.2095	2.3377
PMP/A	0.0	0.0151	0.0181	0.0247	0.0381	0.0667	0.0964	0.1709	0.2708	0.4120	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A70 5909 0	MT DANAHER	3408	05	10N	12E	R	M	38.744	120.667	EL DORADO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1947	0.18	0.21	0.23	0.30	0.57	0.67	0.94	1.65	2.44	2.76	27.65
1948	0.05	0.08	0.09	0.17	0.34	0.53	0.78	1.46	1.90	3.08	45.47
1949	0.25	0.26	0.28	0.30	0.36	0.53	0.66	1.20	1.96	3.05	27.76
1950	0.24	0.40	0.44	0.54	0.67	0.92	1.18	1.93	3.46	5.58	68.83
1951	0.10	0.19	0.21	0.30	0.48	0.79	1.00	1.68	2.38	3.20	51.76
1952	0.12	0.14	0.19	0.26	0.35	0.68	1.00	1.64	2.04	2.30	47.57
1953	0.07	0.10	0.11	0.20	0.40	0.76	1.00	1.65	2.24	2.70	36.95
1954	0.09	0.12	0.14	0.22	0.39	0.56	0.80	1.08	1.84	2.36	42.99
1955	0.16	0.20	0.21	0.21	0.30	0.46	0.68	1.32	2.15	4.29	49.26
1956	0.12	0.19	0.20	0.30	0.40	0.69	0.86	1.19	1.55	2.10	34.69
1957	0.11	0.15	0.19	0.26	0.49	0.72	1.02	1.32	1.65	3.24	47.80
1958	0.10	0.18	0.20	0.27	0.35	0.53	0.74	1.32	1.96	3.36	48.27
1959	0.05	0.09	0.11	0.20	0.35	0.68	0.88	1.57	2.11	2.80	28.60
1960	0.20	0.21	0.22	0.27	0.41	0.78	1.07	1.69	3.02	4.92	42.37
1961	0.09	0.10	0.11	0.14	0.28	0.48	0.65	1.08	1.41	1.80	15.64
1962	0.08	0.15	0.19	0.31	0.50	1.00	1.33	2.35	3.21	4.92	25.78
1963	0.08	0.10	0.15	0.26	0.50	0.92	1.20	1.91	3.25	5.11	26.87
1964	0.10	0.16	0.19	0.26	0.48	0.88	1.31	1.73	3.09	4.63	22.46
1965	0.08	0.16	0.20	0.34	0.52	0.83	0.93	1.56	1.94	2.64	38.26
1966	0.13	0.25	0.26	0.31	0.48	0.59	0.70	1.39	1.70	1.89	27.22
1967	0.10	0.14	0.16	0.24	0.35	0.60	0.88	1.32	2.56	4.30	50.12
1968	*****	*****	*****	*****	0.30	0.60	0.80	1.40	2.30	3.60	37.60
1969	*****	*****	*****	*****	1.00	1.70	1.70	1.80	2.70	3.90	59.20
1970	*****	*****	*****	*****	0.40	0.70	0.90	1.30	2.40	3.50	56.20
1971	*****	*****	*****	*****	0.40	0.70	0.90	1.40	2.40	3.20	32.50
1972	*****	*****	*****	*****	0.50	0.70	1.00	1.50	2.80	3.20	36.80
1973	*****	*****	0.20	0.30	0.50	0.70	1.00	1.60	3.00	4.90	58.50
1974	*****	*****	0.20	0.20	0.30	0.50	0.70	1.00	1.30	1.80	40.30

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A70 5909 0	MT DANAHER	3408	05	10N	12E	R	M	38.744	120.667	EL DORADO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.11	0.16	0.18	0.25	0.41	0.68	0.89	1.41	2.17	3.19	39.49
5	0.15	0.21	0.24	0.34	0.55	0.90	1.19	1.88	2.90	4.26	49.83
10	0.17	0.25	0.28	0.39	0.64	1.05	1.38	2.19	3.37	4.95	55.69
20	0.20	0.28	0.32	0.44	0.73	1.19	1.56	2.47	3.81	5.59	60.78
25	0.20	0.29	0.33	0.46	0.75	1.23	1.62	2.56	3.94	5.79	62.30
40	0.21	0.30	0.36	0.46	0.77	1.25	1.65	2.60	4.01	5.89	65.36
50	0.22	0.32	0.37	0.50	0.83	1.36	1.79	2.82	4.35	6.39	66.76
100	0.24	0.35	0.40	0.55	0.91	1.48	1.95	3.08	4.75	6.97	70.91
200	0.26	0.38	0.43	0.59	0.98	1.60	2.11	3.33	5.13	7.54	74.82
1000	0.31	0.44	0.51	0.69	1.15	1.87	2.46	3.89	6.00	8.81	83.22
10000	0.37	0.53	0.61	0.83	1.37	2.24	2.95	4.67	7.19	10.56	94.13
PMP	0.73	1.04	1.19	1.64	2.70	4.41	5.81	9.18	14.14	20.78	216.02
MEAN	0.119	0.170	0.195	0.268	0.442	0.721	0.950	1.501	2.313	3.397	40.265
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.175	1.550	1.682	1.727	2.325	2.684	1.305	0.695	0.261	0.372	0.203
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.418 ; INTERCEPT (TIME=1 HOUR) =0.463 ; COEFFICIENT OF DETERMINATION = 0.977
1HR INTERCEPT / MEAN YR =0.01150 ; AVERAGE CALC CV / USED CV = 1.03

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.005	6.944	8.638	9.152	10.863	13.152	5.704	4.347	2.524	2.464	2.865
N	21	21	23	23	28	28	28	28	28	28	28
RECORD YEAR	1949	1950	1950	1950	1969	1969	1969	1962	1950	1950	1950
RECORD MAXIMUM	0.250	0.400	0.440	0.540	1.000	1.700	1.700	2.350	3.460	5.580	68.830
NORMALIZED MAX	2.323	3.139	3.422	3.482	3.896	4.114	3.183	2.569	1.962	2.019	2.252
CALC. COEF. VAR	0.474	0.429	0.368	0.292	0.324	0.330	0.248	0.197	0.253	0.318	0.315
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0030	0.0042	0.0048	0.0067	0.0110	0.0179	0.0236	0.0373	0.0574	0.0844	1.0000
RP10/A	0.0043	0.0062	0.0070	0.0097	0.0160	0.0261	0.0344	0.0543	0.0837	0.1230	1.3832
RP25/A	0.0050	0.0072	0.0082	0.0113	0.0189	0.0305	0.0402	0.0636	0.0979	0.1438	1.5472
RP50/A	0.0056	0.0080	0.0091	0.0125	0.0206	0.0337	0.0444	0.0702	0.1081	0.1588	1.6580
RP100/A	0.0061	0.0087	0.0099	0.0137	0.0225	0.0368	0.0484	0.0765	0.1179	0.1732	1.7611
RP1000/A	0.0077	0.0110	0.0125	0.0173	0.0285	0.0465	0.0612	0.0967	0.1490	0.2188	2.0668
RP10000/A	0.0092	0.0132	0.0150	0.0207	0.0341	0.0557	0.0734	0.1159	0.1786	0.2623	2.3377
PMP/A	0.0181	0.0259	0.0296	0.0407	0.0671	0.1096	0.1443	0.2280	0.3513	0.5160	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A70 6964 0	PLACERVILLE DSP PL	1546	11	10N	10E	P	M	38.733	120.845	EL DORADO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.11	0.15	0.20	0.31	0.47	0.69	0.90	1.68	2.37	2.98	45.20
1941	0.11	0.19	0.24	0.43	0.68	0.83	0.97	1.15	1.57	2.06	35.40
1942	0.22	0.40	0.57	0.79	0.95	1.35	1.49	1.99	2.23	3.20	39.90
1943	*****	*****	*****	*****	0.68	1.08	1.21	1.62	2.47	3.93	33.34
1944	*****	*****	*****	*****	0.57	0.79	0.95	1.30	2.07	2.93	33.80
1945	*****	*****	*****	*****	0.49	0.82	0.98	1.38	1.82	3.15	36.81
1946	*****	*****	*****	*****	0.32	0.52	0.59	1.02	1.68	2.01	21.20
1947	*****	*****	*****	*****	0.39	0.54	0.66	1.15	1.84	2.46	19.53
1948	*****	*****	*****	*****	0.33	0.54	0.81	1.43	1.60	2.81	27.82
1949	*****	*****	*****	*****	0.37	0.50	0.67	1.03	1.48	2.55	22.66
1950	0.14	0.23	0.33	0.54	0.77	0.91	1.03	1.20	2.21	4.04	31.31
1951	0.19	0.24	0.31	0.40	0.58	0.84	1.06	1.65	2.20	2.79	36.69
1952	0.09	0.16	0.23	0.32	0.40	0.55	0.70	1.19	1.92	3.01	36.05
1953	0.06	0.11	0.16	0.27	0.48	0.86	1.15	1.66	2.16	2.70	26.61
1954	0.15	0.17	0.19	0.32	0.37	0.55	0.65	1.20	1.63	2.57	37.17
1955	0.30	0.33	0.38	0.48	0.84	1.08	1.36	1.76	1.87	3.30	40.50
1956	0.10	0.20	0.26	0.29	0.31	0.55	0.65	1.06	1.37	1.96	25.46
1957	0.12	0.18	0.22	0.32	0.56	0.67	0.77	1.28	2.15	2.73	34.81
1958	0.13	0.24	0.29	0.36	0.61	0.86	1.11	1.68	2.46	3.19	42.95
1959	0.09	0.16	0.20	0.27	0.35	0.54	0.56	1.08	1.42	2.27	22.75
1960	0.22	0.24	0.25	0.30	0.48	0.75	0.88	1.61	2.12	3.29	31.12
1961	0.14	0.16	0.19	0.27	0.35	0.52	0.66	1.17	1.58	1.94	20.08
1962	0.21	0.25	0.26	0.29	0.52	0.90	1.17	2.01	3.23	5.43	36.41
1963	0.12	0.24	0.34	0.56	0.73	0.81	1.04	1.69	2.59	3.98	32.64
1964	0.14	0.16	0.18	0.21	0.37	0.59	0.80	1.08	1.49	2.19	39.11
1965	0.14	0.17	0.25	0.50	0.69	0.92	1.16	1.69	1.95	2.28	31.42
1966	0.08	0.12	0.15	0.17	0.30	0.53	0.66	1.29	1.74	2.26	23.01
1967	0.14	0.16	0.20	0.29	0.48	0.72	0.91	1.53	2.91	4.16	39.99
1968	*****	*****	*****	*****	0.30	0.50	0.70	1.20	1.90	2.50	31.10
1969	*****	*****	*****	*****	0.60	1.00	1.10	1.40	2.00	3.20	49.40
1970	*****	*****	*****	*****	0.70	0.80	1.10	1.70	2.30	3.00	48.40
1971	*****	*****	*****	*****	0.40	0.60	0.80	1.20	1.90	3.00	25.60
1972	*****	*****	*****	*****	0.80	1.00	1.20	2.10	2.40	2.50	24.40
1973	*****	*****	0.30	0.40	0.80	1.20	1.50	1.80	2.30	3.50	54.50
1974	*****	*****	0.40	0.50	0.70	1.00	1.20	1.60	2.30	3.10	34.20

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A70 6964 0	PLACERVILLE DSP PL	1546	11	10N	10E	P	M	38.733	120.845	EL DORADO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.19	0.25	0.35	0.50	0.72	0.89	1.36	1.91	2.76	32.82
5	0.18	0.25	0.33	0.47	0.67	0.96	1.19	1.81	2.55	3.69	41.42
10	0.21	0.30	0.39	0.54	0.78	1.12	1.38	2.11	2.97	4.29	46.29
20	0.24	0.33	0.44	0.61	0.88	1.27	1.56	2.38	3.35	4.84	50.51
25	0.24	0.35	0.45	0.64	0.91	1.31	1.61	2.46	3.47	5.01	51.78
40	0.25	0.35	0.46	0.65	0.93	1.33	1.64	2.51	3.53	5.10	54.33
50	0.27	0.38	0.50	0.70	1.01	1.45	1.78	2.72	3.83	5.53	55.49
100	0.29	0.42	0.54	0.77	1.10	1.58	1.94	2.97	4.18	6.04	58.94
200	0.32	0.45	0.59	0.83	1.19	1.71	2.10	3.21	4.52	6.53	62.19
1000	0.37	0.53	0.69	0.97	1.39	1.99	2.46	3.75	5.28	7.63	69.17
10000	0.44	0.63	0.82	1.16	1.66	2.39	2.94	4.49	6.33	9.14	78.23
PMP	0.87	1.24	1.62	2.28	3.27	4.70	5.79	8.84	12.44	17.99	179.55
MEAN	0.143	0.203	0.265	0.373	0.535	0.769	0.947	1.446	2.035	2.941	33.467
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.168	1.385	1.630	1.303	0.451	0.633	0.376	0.389	0.651	1.240	0.363
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.472 ; INTERCEPT (TIME=1 HOUR) =0.534 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.01597 ; AVERAGE CALC CV / USED CV = 0.99

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.821	5.664	6.832	5.523	2.376	3.036	2.594	2.342	3.819	5.695	3.015
N	21	21	23	23	35	35	35	35	35	35	35
RECORD YEAR	1955	1942	1942	1942	1942	1942	1973	1972	1962	1962	1973
RECORD MAXIMUM	0.300	0.400	0.570	0.790	0.950	1.350	1.500	2.100	3.230	5.430	54.500
NORMILIZED MAX	2.756	2.878	3.213	3.003	2.297	2.619	2.169	2.161	2.833	3.387	2.433
CALC. COEF. VAR	0.399	0.338	0.358	0.371	0.337	0.289	0.269	0.209	0.207	0.250	0.258
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0043	0.0061	0.0079	0.0112	0.0160	0.0230	0.0283	0.0432	0.0608	0.0879	1.0000
RP10/A	0.0062	0.0088	0.0115	0.0163	0.0233	0.0335	0.0412	0.0630	0.0886	0.1281	1.3832
RP25/A	0.0073	0.0103	0.0135	0.0190	0.0273	0.0392	0.0482	0.0736	0.1036	0.1498	1.5472
RP50/A	0.0080	0.0114	0.0149	0.0210	0.0301	0.0432	0.0532	0.0813	0.1144	0.1653	1.6580
RP100/A	0.0088	0.0124	0.0163	0.0229	0.0328	0.0472	0.0581	0.0887	0.1248	0.1804	1.7611
RP1000/A	0.0111	0.0157	0.0206	0.0289	0.0415	0.0596	0.0734	0.1120	0.1577	0.2279	2.0668
RP10000/A	0.0133	0.0188	0.0246	0.0347	0.0497	0.0714	0.0880	0.1343	0.1891	0.2732	2.3377
RMP/A	0.0261	0.0371	0.0485	0.0682	0.0978	0.1405	0.1731	0.2642	0.3719	0.5374	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL [<25] RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
A70 R03R 25	SCHLEIN R S SMUD	5775	13	13N	14E	0	M	38.969	120.353	EL DORADO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1970	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	38.89
1971	*****	0.14	0.15	0.18	0.29	0.50	0.70	1.20	1.71	2.60	40.23
1972	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	30.64
1973	*****	0.22	0.28	0.40	0.47	0.84	1.07	1.29	2.28	3.45	48.60
1974	*****	0.10	0.13	0.16	0.24	0.48	0.72	1.33	2.23	3.11	55.85
1975	*****	0.09	0.13	0.26	0.51	0.98	1.05	1.12	2.02	2.75	47.99

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
A70 R03R 25	SCHLEIN R S SMUD	5775	13	13N	14E	0	M	38.969	120.353	EL DORADO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.13	0.16	0.23	0.35	0.66	0.83	1.16	1.93	2.80	42.85
5	0.0	0.17	0.22	0.31	0.47	0.88	1.11	1.55	2.58	3.73	54.08
10	0.0	0.20	0.25	0.36	0.55	1.02	1.29	1.80	3.00	4.34	60.44
20	0.0	0.23	0.28	0.41	0.62	1.15	1.46	2.03	3.39	4.90	65.96
25	0.0	0.23	0.29	0.43	0.64	1.19	1.51	2.10	3.51	5.07	67.61
40	0.0	0.24	0.30	0.43	0.65	1.21	1.53	2.14	3.57	5.16	70.94
50	0.0	0.26	0.32	0.47	0.71	1.32	1.67	2.32	3.88	5.60	72.46
100	0.0	0.28	0.35	0.51	0.77	1.44	1.82	2.53	4.23	6.11	76.96
200	0.0	0.31	0.38	0.55	0.84	1.55	1.96	2.74	4.57	6.61	81.20
1000	0.0	0.36	0.45	0.65	0.98	1.82	2.30	3.20	5.34	7.72	90.32
10000	0.0	0.43	0.54	0.78	1.17	2.18	2.75	3.84	6.40	9.26	102.16
RMP	0.0	0.84	1.05	1.53	2.31	4.28	5.41	7.55	12.60	18.21	234.45
MEAN	0.0	0.137	0.172	0.250	0.377	0.700	0.885	1.235	2.060	2.977	43.700
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	1.298	1.902	1.188	-0.044	0.260	0.000	-0.434	-1.049	0.510	-0.166
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.348 ; INTERCEPT (TIME=1 HOUR) =0.419 ; COEFFICIENT OF DETERMINATION = 0.972
1HR INTERCEPT / MEAN YR =0.00958 ; AVERAGE CALC CV / USED CV = 1.09

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	11.678	13.707	11.284	6.898	7.234	6.078	9.125	10.761	9.273	5.025
N	0	4	4	4	4	4	4	4	4	4	6
RECORD YEAR	0	1973	1973	1973	1975	1975	1973	1974	1973	1973	1974
RECORD MAXIMUM	0.0	0.220	0.280	0.400	0.510	0.980	1.070	1.330	2.280	3.450	55.850
NORMILIZED MAX	0.0	1.396	1.487	1.377	1.000	1.123	0.914	1.011	0.849	1.241	1.366
CALC. COEF. VAR	0.0	0.430	0.419	0.436	0.351	0.356	0.229	0.076	0.126	0.128	0.204
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0031	0.0039	0.0057	0.0086	0.0160	0.0203	0.0283	0.0471	0.0681	1.0000
RP10/A	0.0	0.0046	0.0058	0.0083	0.0126	0.0233	0.0295	0.0412	0.0687	0.0993	1.3832
RP25/A	0.0	0.0054	0.0067	0.0098	0.0147	0.0273	0.0345	0.0482	0.0803	0.1161	1.5472
RP50/A	0.0	0.0059	0.0074	0.0108	0.0163	0.0301	0.0381	0.0532	0.0887	0.1282	1.6580
RP100/A	0.0	0.0065	0.0081	0.0117	0.0177	0.0329	0.0416	0.0580	0.0968	0.1398	1.7611
RP1000/A	0.0	0.0082	0.0102	0.0148	0.0224	0.0415	0.0525	0.0733	0.1223	0.1767	2.0668
RP10000/A	0.0	0.0098	0.0123	0.0178	0.0269	0.0498	0.0630	0.0879	0.1466	0.2118	2.3377
RMP/A	0.0	0.0192	0.0241	0.0350	0.0528	0.0980	0.1238	0.1728	0.2883	0.4166	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A70 9190 20	UPPER VAN VLICK SMUD	6750	28	13N	15E	L	M	38.944	120.306	EL DORADO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1970	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	53.12
1971	*****	0.08	0.10	0.18	0.34	0.67	0.93	1.61	2.46	4.17	58.78
1972	*****	0.13	0.20	0.37	0.41	0.41	0.60	1.05	1.65	2.49	45.02
1973	*****	0.18	0.23	0.36	0.60	0.88	0.95	1.36	2.63	4.42	61.65
1974	*****	0.12	0.15	0.21	0.34	0.41	0.84	1.20	2.18	3.75	73.49
1975	*****	0.06	0.09	0.18	0.30	0.55	0.81	1.46	2.08	3.10	58.28

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A70 9190 20	UPPER VAN VLICK SMUD	6750	28	13N	15E	L	M	38.944	120.306	EL DORADO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.11	0.14	0.24	0.37	0.59	0.78	1.25	2.07	3.37	57.26
5	0.0	0.14	0.19	0.33	0.50	0.78	1.04	1.68	2.76	4.50	72.26
10	0.0	0.17	0.22	0.38	0.58	0.91	1.20	1.95	3.21	5.23	80.76
20	0.0	0.19	0.25	0.43	0.66	1.03	1.36	2.20	3.62	5.90	88.13
25	0.0	0.19	0.26	0.44	0.68	1.06	1.41	2.28	3.75	6.11	90.34
40	0.0	0.20	0.27	0.45	0.69	1.08	1.43	2.32	3.81	6.21	94.79
50	0.0	0.21	0.29	0.49	0.75	1.17	1.55	2.51	4.14	6.75	96.81
100	0.0	0.23	0.32	0.53	0.82	1.28	1.70	2.74	4.52	7.36	102.83
200	0.0	0.25	0.34	0.58	0.88	1.38	1.83	2.96	4.88	7.96	108.50
1000	0.0	0.30	0.40	0.67	1.03	1.62	2.14	3.47	5.71	9.30	120.68
10000	0.0	0.35	0.48	0.81	1.24	1.94	2.57	4.15	6.84	11.15	136.50
PMP	0.0	0.70	0.94	1.59	2.43	3.82	5.05	8.17	13.45	21.93	313.26
MEAN	0.0	0.114	0.154	0.260	0.398	0.624	0.826	1.336	2.200	3.586	58.390
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.389	0.213	0.545	1.681	0.540	-1.310	-0.136	-0.550	-0.546	0.336
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.321 ; INTERCEPT (TIME=1 HOUR) =0.396 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.0067B ; AVERAGE CALC CV / USED CV = 0.94

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	6.330	4.726	3.986	9.041	7.548	8.173	5.877	6.698	5.595	6.414
N	0	5	5	5	5	5	5	5	5	5	6
RECORD YEAR	0	1973	1973	1972	1973	1973	1973	1971	1973	1973	1974
RECORD MAXIMUM	0.0	0.180	0.230	0.370	0.600	0.880	0.950	1.610	2.630	4.420	73.490
NORMALIZED MAX	0.0	1.414	1.244	1.138	1.688	1.483	0.890	1.253	1.139	1.055	1.600
CALC. COEF. VAR	0.0	0.410	0.397	0.372	0.301	0.277	0.169	0.164	0.172	0.221	0.162
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0020	0.0026	0.0045	0.0068	0.0107	0.0141	0.0229	0.0377	0.0614	1.0000
RP10/A	0.0	0.0028	0.0038	0.0065	0.0099	0.0156	0.0206	0.0333	0.0549	0.0895	1.3832
RP25/A	0.0	0.0033	0.0045	0.0076	0.0116	0.0182	0.0241	0.0390	0.0642	0.1047	1.5472
RP50/A	0.0	0.0037	0.0050	0.0084	0.0128	0.0201	0.0266	0.0430	0.0709	0.1155	1.6580
RP100/A	0.0	0.0040	0.0054	0.0091	0.0140	0.0219	0.0290	0.0470	0.0773	0.1261	1.7611
RP1000/A	0.0	0.0051	0.0068	0.0115	0.0177	0.0277	0.0367	0.0593	0.0977	0.1593	2.0668
RP10000/A	0.0	0.0061	0.0082	0.0138	0.0212	0.0332	0.0440	0.0711	0.1171	0.1909	2.3377
PMP/A	0.0	0.0119	0.0161	0.0272	0.0417	0.0653	0.0865	0.1399	0.2304	0.3756	5.3650

PEARSON TYPE III DISTRIBUTION USED
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WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A70 9816 50	WRIGHTS LAKE SMUD	6950	32	12N	16E	J	M	38.842	120.234	EL DORADO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1971	*****	0.10	0.13	0.22	0.38	0.70	0.93	1.74	2.41	2.75	49.44
1972	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	41.00
1973	*****	0.06	0.09	0.18	0.32	0.53	0.66	1.07	1.82	2.56	33.94
1974	*****	0.07	0.09	0.18	0.31	0.49	0.74	1.10	1.83	2.59	52.78
1975	*****	0.06	0.08	0.15	0.28	0.51	0.70	1.24	1.92	2.84	46.10

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A70 9816 50	WRIGHTS LAKE SMUD	6950	32	12N	16E	J	M	38.842	120.234	EL DORADO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.07	0.09	0.17	0.30	0.52	0.71	1.21	1.87	2.52	43.79
5	0.0	0.09	0.12	0.23	0.40	0.70	0.95	1.61	2.50	3.37	55.26
10	0.0	0.11	0.14	0.27	0.47	0.81	1.10	1.88	2.91	3.91	61.76
20	0.0	0.12	0.16	0.30	0.53	0.92	1.25	2.12	3.28	4.42	67.40
25	0.0	0.12	0.17	0.31	0.55	0.95	1.29	2.19	3.40	4.58	69.09
40	0.0	0.13	0.17	0.32	0.56	0.97	1.31	2.23	3.46	4.65	72.48
50	0.0	0.14	0.18	0.34	0.61	1.05	1.43	2.42	3.75	5.05	74.04
100	0.0	0.15	0.20	0.37	0.66	1.14	1.55	2.64	4.09	5.51	78.64
200	0.0	0.16	0.22	0.40	0.72	1.24	1.68	2.86	4.43	5.96	82.97
1000	0.0	0.19	0.25	0.47	0.84	1.45	1.96	3.34	5.17	6.96	92.29
10000	0.0	0.23	0.30	0.57	1.00	1.73	2.36	4.00	6.20	8.35	104.38
PMP	0.0	0.44	0.60	1.12	1.97	3.41	4.63	7.87	12.20	16.42	239.56
MEAN	0.0	0.072	0.097	0.182	0.322	0.557	0.757	1.287	1.995	2.685	44.652
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	1.658	1.720	0.517	1.007	1.830	1.565	1.683	1.853	0.338	-0.645
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.179 ; INTERCEPT (TIME=1 HOUR) =0.315 ; COEFFICIENT OF DETERMINATION = 0.986
1HR INTERCEPT / MEAN YR =0.00704 ; AVERAGE CALC CV / USED CV = 0.54

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	12.892	13.412	12.120	12.262	13.552	12.883	13.004	13.552	7.900	6.329
N	0	4	4	4	4	4	4	4	4	4	5
RECORD YEAR	0	1971	1971	1971	1971	1971	1971	1971	1971	1975	1974
RECORD MAXIMUM	0.0	0.100	0.130	0.220	0.380	0.700	0.930	1.740	2.410	2.840	52.780
NORMILIZED MAX	0.0	1.453	1.466	1.306	1.371	1.478	1.443	1.457	1.481	1.167	1.098
CALC. COEF. VAR	0.0	0.261	0.227	0.157	0.130	0.173	0.158	0.241	0.141	0.049	0.166
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0016	0.0022	0.0041	0.0072	0.0125	0.0170	0.0288	0.0447	0.0601	1.0000
RP10/A	0.0	0.0024	0.0032	0.0060	0.0105	0.0182	0.0247	0.0420	0.0651	0.0876	1.3832
RP25/A	0.0	0.0028	0.0037	0.0070	0.0123	0.0213	0.0289	0.0491	0.0762	0.1025	1.5472
RP50/A	0.0	0.0031	0.0041	0.0077	0.0136	0.0235	0.0319	0.0542	0.0841	0.1131	1.6580
RP100/A	0.0	0.0033	0.0045	0.0084	0.0148	0.0256	0.0348	0.0592	0.0917	0.1236	1.7611
RP1000/A	0.0	0.0042	0.0057	0.0106	0.0187	0.0324	0.0440	0.0748	0.1159	0.1560	2.0668
RP10000/A	0.0	0.0050	0.0068	0.0127	0.0225	0.0388	0.0527	0.0896	0.1389	0.1870	2.3377
PMP/A	0.0	0.0099	0.0134	0.0250	0.0442	0.0763	0.1037	0.1763	0.2732	0.3677	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
B10 3649 0	GRIZZLEY FLAT	3855	15	09N	13E	G	M	38.637	120.524	EL DORADO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.13	0.16	0.19	0.28	0.40	0.71	0.89	1.28	2.14	3.07	******
1941	0.21	0.40	0.49	0.60	0.70	0.89	0.94	1.50	2.36	3.33	50.61
1942	0.20	0.25	0.30	0.45	0.57	0.88	1.14	1.81	3.11	5.16	51.23
1943	0.14	0.23	0.28	0.34	0.60	0.89	1.02	1.82	2.85	5.32	41.21
1944	0.17	0.24	0.29	0.37	0.52	0.89	1.36	1.98	3.24	5.03	45.52
1945	0.30	0.43	0.49	0.75	1.08	1.17	1.27	1.44	2.78	4.39	58.10
1946	0.12	0.19	0.21	0.24	0.35	0.66	0.91	1.43	2.35	3.72	26.32
1947	0.09	0.15	0.22	0.23	0.52	0.74	0.85	1.28	1.78	2.22	27.00
1948	0.08	0.10	0.11	0.20	0.30	0.49	0.71	1.35	1.97	3.21	46.52
1949	0.19	0.30	0.31	0.40	0.47	0.60	0.80	1.31	2.61	3.30	30.57
1950	0.16	0.29	0.36	0.56	0.68	0.98	1.25	2.21	3.14	6.21	69.76
1951	0.09	0.15	0.20	0.32	0.53	1.06	1.50	2.66	3.84	4.68	53.38
1952	0.06	0.10	0.12	0.16	0.28	0.52	0.75	1.22	1.65	2.54	46.66
1953	0.10	0.20	0.20	0.34	0.45	0.77	1.01	1.61	1.75	2.41	32.42
1954	0.10	0.14	0.19	0.29	0.49	0.59	0.61	1.02	1.46	2.67	40.56
1955	0.12	0.18	0.24	0.34	0.50	0.76	1.01	2.00	3.35	6.24	49.86
1956	0.08	0.14	0.17	0.25	0.35	0.74	0.78	1.31	1.80	2.87	34.90
1957	0.09	0.15	0.20	0.30	0.47	0.87	1.14	1.61	2.23	2.91	43.73
1958	0.11	0.14	0.17	0.25	0.40	0.60	0.78	1.44	2.08	2.65	49.45
1959	0.10	0.18	0.25	0.30	0.37	0.59	0.75	1.37	1.94	2.65	28.06
1960	0.22	0.30	0.42	0.66	0.53	0.69	1.07	1.78	2.80	4.90	42.86
1961	0.12	0.15	0.15	0.25	0.30	0.49	0.66	0.86	1.17	1.52	24.40
1962	0.09	0.15	0.24	0.36	0.65	1.15	1.56	2.61	3.81	5.63	40.89
1963	0.14	0.25	0.26	0.36	0.51	0.97	1.29	2.02	2.39	3.50	50.38
1964	0.07	0.11	0.18	0.30	0.46	0.71	0.92	1.45	1.86	2.22	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
B10 3649 0	GRIZZLEY FLAT	3855	15	09N	13E	G	M	38.637	120.524	EL DORADO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.19	0.24	0.34	0.47	0.73	0.94	1.53	2.28	3.47	42.16
5	0.16	0.25	0.32	0.45	0.63	0.97	1.26	2.05	3.05	4.63	53.37
10	0.19	0.29	0.37	0.52	0.73	1.13	1.46	2.38	3.54	5.38	59.84
20	0.22	0.33	0.42	0.59	0.82	1.28	1.65	2.68	4.00	6.08	65.51
25	0.22	0.34	0.43	0.61	0.85	1.32	1.71	2.78	4.14	6.30	67.22
40	0.23	0.35	0.44	0.62	0.87	1.35	1.74	2.83	4.21	6.40	70.67
50	0.25	0.37	0.48	0.67	0.94	1.46	1.89	3.07	4.57	6.95	72.26
100	0.27	0.41	0.52	0.73	1.03	1.59	2.06	3.35	4.99	7.58	76.97
200	0.29	0.44	0.56	0.79	1.11	1.72	2.23	3.62	5.39	8.20	81.44
1000	0.34	0.52	0.66	0.93	1.30	2.01	2.60	4.23	6.30	9.58	91.12
10000	0.41	0.62	0.78	1.11	1.56	2.41	3.12	5.07	7.55	11.48	103.82
PMP	0.80	1.22	1.55	2.18	3.06	4.75	6.13	9.57	14.85	22.59	231.70
MEAN	0.131	0.159	0.253	0.357	0.500	0.776	1.003	1.631	2.429	3.694	43.204
CLOCK MP. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.316	1.322	1.049	1.591	1.767	0.415	0.549	0.700	0.386	0.507	0.076
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.445 ; INTERCEPT (TIME=1 HOUR) =0.529 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.01224 ; AVERAGE CALC CV / USED CV = 1.04

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.977	4.527	4.057	6.575	8.439	2.748	2.860	3.519	2.712	2.421	3.231
N	25	25	25	25	25	25	25	25	25	25	23
RECORD YEAR	1945	1945	1941	1945	1945	1945	1962	1951	1951	1955	1950
RECORD MAXIMUM	0.300	0.430	0.490	0.790	1.080	1.170	1.560	2.660	3.840	6.240	69.760
NORMILIZED MAX	2.964	2.648	2.342	3.191	3.503	2.025	2.150	2.283	1.975	1.890	2.335
CALC. COEF. VAR	0.434	0.438	0.399	0.380	0.331	0.250	0.258	0.276	0.294	0.365	0.263
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USER COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0030	0.0046	0.0059	0.0083	0.0116	0.0180	0.0232	0.0377	0.0562	0.0855	1.0000
RP10/A	0.0044	0.0067	0.0085	0.0120	0.0169	0.0262	0.0338	0.0550	0.0819	0.1246	1.3850
RP25/A	0.0052	0.0079	0.0100	0.0141	0.0197	0.0306	0.0396	0.0643	0.0958	0.1457	1.5559
RP50/A	0.0057	0.0087	0.0110	0.0156	0.0218	0.0338	0.0437	0.0710	0.1058	0.1609	1.6725
RP100/A	0.0062	0.0095	0.0120	0.0170	0.0238	0.0369	0.0476	0.0775	0.1154	0.1755	1.7815
RP1000/A	0.0079	0.0120	0.0152	0.0214	0.0300	0.0466	0.0602	0.0979	0.1458	0.2218	2.1090
RP10000/A	0.0094	0.0143	0.0182	0.0257	0.0360	0.0559	0.0722	0.1174	0.1748	0.2658	2.4030
PMP/A	0.0186	0.0282	0.0358	0.0506	0.0708	0.1099	0.1419	0.2308	0.3438	0.5228	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN DEPER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
800 5526 0	MENDOTA INNW	172	25	13S	14E	H	M	36.773	120.386	FRESNO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	0.16	0.26	0.28	0.34	0.44	0.53	0.60	0.81	1.01	1.01	13.66
1942	0.05	0.09	0.12	0.17	0.31	0.46	0.53	0.56	0.57	0.60	6.37
1943	0.07	0.11	0.14	0.27	0.35	0.39	0.45	0.62	0.88	1.29	6.70
1944	0.07	0.10	0.10	0.16	0.24	0.31	0.39	0.55	0.87	0.91	6.98
1945	0.10	0.14	0.18	0.18	0.20	0.27	0.35	0.48	0.75	0.75	5.61
1946	0.10	0.10	0.12	0.13	0.15	0.17	0.28	0.42	0.48	0.52	4.60
1947	0.08	0.10	0.13	0.22	0.27	0.33	0.33	0.36	0.37	0.42	3.72
1948	0.24	0.36	0.37	0.40	0.56	0.64	0.71	0.80	0.96	1.27	8.12
1949	0.08	0.10	0.11	0.18	0.23	0.27	0.36	0.52	0.67	0.78	5.09
1950	0.09	0.17	0.25	0.31	0.50	0.85	0.95	1.10	1.25	1.28	6.30
1951	0.15	0.16	0.16	0.17	0.27	0.34	0.37	0.61	0.66	0.72	5.59
1952	0.12	0.14	0.15	0.28	0.34	0.36	0.37	0.51	0.60	0.90	4.57
1953	0.09	0.10	0.12	0.16	0.22	0.31	0.46	0.81	0.81	0.81	3.03
1954	0.20	0.30	0.30	0.30	0.30	0.30	0.30	0.53	0.88	0.90	5.12
1955	0.11	0.14	0.19	0.30	0.34	0.35	0.40	0.68	1.14	1.60	8.47
1956	0.07	0.10	0.14	0.15	0.18	0.19	0.20	0.20	0.21	0.21	5.02
1957	0.07	0.10	0.12	0.15	0.20	0.22	0.25	0.42	0.42	0.50	7.99

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN DEPER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
800 5526 0	MENDOTA INNW	172	25	13S	14E	H	M	36.773	120.386	FRESNO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.11	0.14	0.16	0.21	0.28	0.35	0.40	0.55	0.69	0.80	6.15
5	0.14	0.19	0.22	0.29	0.38	0.46	0.54	0.74	0.92	1.07	7.78
10	0.17	0.22	0.26	0.33	0.44	0.54	0.63	0.86	1.07	1.24	8.73
20	0.19	0.25	0.29	0.37	0.49	0.61	0.71	0.97	1.21	1.40	9.55
25	0.19	0.26	0.30	0.39	0.51	0.63	0.73	1.00	1.26	1.45	9.80
40	0.20	0.26	0.30	0.39	0.52	0.64	0.74	1.02	1.28	1.48	10.31
50	0.21	0.28	0.33	0.43	0.56	0.70	0.81	1.10	1.39	1.60	10.54
100	0.23	0.31	0.36	0.47	0.62	0.76	0.88	1.20	1.51	1.75	11.23
200	0.25	0.34	0.39	0.51	0.67	0.82	0.95	1.30	1.64	1.89	11.88
1000	0.30	0.39	0.45	0.59	0.78	0.96	1.11	1.52	1.91	2.21	13.20
10000	0.35	0.47	0.54	0.71	0.93	1.15	1.34	1.83	2.29	2.65	15.14
PMP	0.70	0.92	1.07	1.39	1.83	2.26	2.63	3.59	4.51	5.20	33.81
MEAN	0.114	0.151	0.175	0.225	0.300	0.370	0.429	0.587	0.737	0.851	6.301
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.833	1.729	1.376	0.654	0.992	1.632	1.618	0.665	-0.040	0.331	1.735
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.632 ; INTERCEPT (TIME=1 HOUR) =0.291 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.04617 : AVERAGE CALC CV / USED CV = 1.33

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	6.215	5.478	4.431	2.721	3.899	6.302	6.336	4.602	3.041	3.339	7.790
N	17	17	17	17	17	17	17	17	17	17	17
RECORD YEAR	1954	1948	1948	1948	1948	1950	1950	1950	1950	1955	1941
RECORD MAXIMUM	0.290	0.360	0.370	0.400	0.560	0.850	0.950	1.100	1.250	1.600	13.660
NORMILIZED MAX	2.738	2.613	2.490	2.116	2.288	2.808	2.821	2.448	1.835	2.080	3.028
CALC. COEF. VAR	0.563	0.529	0.446	0.358	0.379	0.462	0.430	0.357	0.379	0.423	0.386
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0181	0.0240	0.0278	0.0361	0.0476	0.0587	0.0681	0.0932	0.1170	0.1351	1.0000
RP10/A	0.0264	0.0350	0.0405	0.0526	0.0694	0.0856	0.0993	0.1358	0.1705	0.1968	1.3850
RP25/A	0.0309	0.0409	0.0474	0.0616	0.0811	0.1001	0.1162	0.1588	0.1994	0.2302	1.5559
RP50/A	0.0341	0.0451	0.0523	0.0680	0.0896	0.1105	0.1282	0.1753	0.2201	0.2541	1.6725
RP100/A	0.0372	0.0492	0.0571	0.0742	0.0977	0.1205	0.1399	0.1912	0.2401	0.2773	1.7815
RP1000/A	0.0470	0.0622	0.0722	0.0937	0.1235	0.1523	0.1768	0.2416	0.3034	0.3504	2.1090
RP10000/A	0.0563	0.0746	0.0865	0.1123	0.1480	0.1826	0.2119	0.2897	0.3637	0.4200	2.4030
PMP/A	0.1107	0.1467	0.1701	0.2209	0.2911	0.3591	0.4167	0.5697	0.7153	0.8260	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROPABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
870 3093 0	FLORENCE LAKE	7345	36	07S	27E	N	M	37.274	118.974	FRESNO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	0.10	0.15	0.20	0.25	0.28	0.41	0.60	1.03	1.68	2.25	21.45
1942	0.09	0.06	0.06	0.11	0.20	0.34	0.47	0.65	1.14	1.61	17.24
1943	0.17	0.20	0.26	0.38	0.42	0.65	0.75	1.16	1.82	2.98	20.29
1944	0.09	0.04	0.05	0.10	0.20	0.34	0.48	0.71	0.99	1.31	22.29
1945	0.10	0.19	0.27	0.41	0.56	0.74	0.82	1.08	1.84	3.05	37.25
1946	0.15	0.28	0.35	0.42	0.44	0.64	0.60	1.09	1.51	2.14	22.82
1947	0.07	0.09	0.15	0.23	0.27	0.38	0.42	0.57	0.73	0.91	10.17
1948	0.07	0.12	0.18	0.20	0.24	0.31	0.46	0.87	1.45	1.67	18.68
1949	0.07	0.10	0.12	0.20	0.34	0.50	0.55	0.55	1.00	1.60	16.89
1950	0.11	0.13	0.18	0.36	0.50	0.77	1.05	1.81	3.28	5.95	24.68
1951	0.09	0.18	0.21	0.25	0.30	0.54	0.75	0.90	1.49	2.00	20.98
1952	0.24	0.29	0.36	0.56	0.73	1.32	1.35	2.37	2.60	2.65	28.85
1953	0.35	0.70	0.97	1.58	1.82	2.04	2.04	2.07	2.09	2.13	18.44
1954	0.08	0.13	0.18	0.24	0.31	0.58	0.80	1.13	1.49	1.82	23.05
1955	0.07	0.14	0.21	0.29	0.40	0.69	1.04	2.06	3.30	4.35	34.96
1956	0.24	0.35	0.47	0.64	0.68	0.85	1.14	1.26	1.70	2.47	20.25
1957	0.10	0.18	0.27	0.30	0.30	0.49	0.70	1.14	1.65	2.17	23.57
1958	0.05	0.10	0.12	0.16	0.25	0.34	0.35	0.60	0.81	1.85	25.26
1959	0.57	1.05	1.57	2.00	2.33	2.35	2.35	2.35	2.49	3.10	21.47
1960	0.11	0.14	0.19	0.25	0.29	0.53	0.64	0.76	1.02	1.70	19.26
1961	0.30	0.35	0.38	0.52	0.63	0.89	0.97	1.02	1.30	1.61	19.02
1962	0.10	0.16	0.20	0.27	0.43	0.71	0.83	0.85	0.94	0.94	25.97
1963	0.15	0.24	0.26	0.37	0.45	0.89	1.29	2.39	4.19	7.19	42.39
1964	0.19	0.37	0.57	0.75	0.84	0.99	1.00	1.36	2.22	2.59	28.10
1965	0.15	0.16	0.18	0.23	0.33	0.52	0.60	0.79	1.21	2.22	32.10
1966	0.20	0.34	0.51	0.64	0.77	0.89	0.92	1.48	2.79	4.99	21.07
1967	0.20	0.23	0.23	0.24	0.35	0.54	0.69	0.86	1.49	2.27	32.28
1968	0.03	0.05	0.08	0.15	0.28	0.46	0.56	0.78	1.14	1.25	18.71
1969	0.30	0.37	0.44	0.45	0.47	0.55	0.61	0.79	1.34	1.82	42.08
1970	*****	*****	*****	*****	0.60	0.60	0.70	1.00	1.60	2.10	32.58
1971	*****	*****	*****	*****	0.50	0.60	0.60	0.80	0.90	1.10	******
1972	*****	*****	*****	*****	0.30	0.40	0.60	0.70	0.70	0.70	13.55
1973	*****	*****	0.30	0.40	0.40	0.50	0.70	1.20	1.60	3.00	******
1974	*****	*****	0.40	0.40	0.50	0.60	0.70	0.90	1.50	2.00	23.10

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
870 3093 0	FLORENCE LAKE	7345	36	07S	27E	N	M	37.274	118.974	FRESNO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.22	0.29	0.40	0.48	0.64	0.76	1.06	1.54	2.20	23.60
5	0.20	0.32	0.43	0.58	0.70	0.94	1.11	1.54	2.25	3.21	31.50
10	0.25	0.38	0.52	0.69	0.84	1.12	1.33	1.86	2.70	3.86	36.06
20	0.28	0.44	0.60	0.80	0.97	1.30	1.54	2.15	3.12	4.46	40.06
25	0.30	0.46	0.62	0.84	1.01	1.36	1.60	2.24	3.25	4.65	41.26
40	0.30	0.47	0.63	0.85	1.03	1.38	1.64	2.28	3.32	4.74	43.69
50	0.33	0.52	0.70	0.94	1.13	1.52	1.80	2.51	3.65	5.22	44.81
100	0.37	0.57	0.77	1.04	1.25	1.68	1.99	2.77	4.03	5.76	48.13
200	0.40	0.62	0.84	1.13	1.37	1.83	2.17	3.03	4.40	6.30	51.28
1000	0.48	0.74	1.00	1.35	1.63	2.18	2.59	3.60	5.24	7.49	58.10
10000	0.58	0.91	1.22	1.64	1.99	2.66	3.16	4.40	6.39	9.14	67.05
PMP	1.19	1.86	2.51	3.37	4.08	5.47	6.47	9.02	13.12	18.75	157.22
MEAN	0.152	0.238	0.321	0.431	0.521	0.699	0.827	1.152	1.676	2.397	24.338
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.866	2.624	3.021	2.920	3.175	2.597	2.209	1.272	1.408	1.939	0.813
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.551 ; INTERCEPT (TIME=1 HOUR) =0.530 ; COEFFICIENT OF DETERMINATION = 0.986
1HR INTERCEPT / MEAN YR =0.02177 ; AVERAGE CALC CV / USED CV = 1.71

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	7.710	11.357	13.871	12.144	13.837	10.371	8.680	3.793	5.155	7.313	3.619
N	29	29	31	31	34	34	34	34	34	34	32
RECORD YEAR	1959	1959	1959	1959	1959	1959	1959	1963	1963	1963	1963
RECORD MAXIMUM	0.570	1.050	1.570	2.000	2.330	2.350	2.350	2.390	4.190	7.190	42.390
NORMILIZED MAX	3.562	3.923	4.245	3.924	4.189	3.758	3.604	2.314	3.138	3.448	2.364
CALC. COEF. VAR	0.769	0.872	0.918	0.928	0.829	0.629	0.511	0.464	0.478	0.580	0.314
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0063	0.0098	0.0132	0.0177	0.0214	0.0287	0.0340	0.0473	0.0689	0.0985	1.0000
RP10/A	0.0101	0.0157	0.0212	0.0285	0.0345	0.0462	0.0547	0.0762	0.1109	0.1586	1.4816
RP25/A	0.0121	0.0189	0.0256	0.0344	0.0415	0.0557	0.0659	0.0919	0.1336	0.1910	1.6953
RP50/A	0.0136	0.0212	0.0287	0.0385	0.0466	0.0625	0.0740	0.1030	0.1499	0.2143	1.8411
RP100/A	0.0151	0.0235	0.0317	0.0426	0.0515	0.0690	0.0817	0.1138	0.1656	0.2368	1.9776
RP1000/A	0.0196	0.0305	0.0412	0.0554	0.0669	0.0897	0.1063	0.1480	0.2154	0.3079	2.3872
RP10000/A	0.0239	0.0372	0.0502	0.0675	0.0816	0.1095	0.1297	0.1806	0.2627	0.3756	2.7550
PMP/A	0.0490	0.0764	0.1031	0.1386	0.1675	0.2246	0.2660	0.3705	0.5390	0.7706	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
870 3261 0	FRIANT GOVERNMENT CAMP	410	07	11S	21E	A	M	36.983	119.717	FRESNO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.35	0.31	0.42	0.73	1.27	1.60	22.27
1941	*****	*****	*****	*****	0.54	0.69	0.75	0.84	0.92	1.00	19.71
1942	*****	*****	*****	*****	0.63	0.78	0.78	0.93	0.93	0.93	12.68
1943	*****	*****	*****	*****	0.24	0.47	0.66	0.97	1.07	1.52	11.31
1944	*****	*****	*****	*****	0.30	0.50	0.57	0.70	1.05	1.55	14.40
1945	*****	*****	*****	*****	0.37	0.50	0.57	0.78	0.87	1.71	12.63
1946	*****	*****	*****	*****	0.42	0.68	0.95	1.31	1.37	1.70	13.76
1947	*****	*****	*****	*****	0.21	0.24	0.34	0.53	0.57	0.69	5.46
1948	*****	*****	*****	*****	0.25	0.34	0.44	0.75	1.01	1.19	10.13
1949	*****	*****	*****	*****	0.41	0.46	0.47	0.65	0.86	1.19	10.12
1950	*****	*****	*****	*****	0.40	0.62	0.82	1.17	1.48	2.14	17.68
1951	*****	*****	*****	*****	0.52	0.54	0.54	0.74	1.29	1.29	11.54

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
870 3261 0	FRIANT GOVERNMENT CAMP	410	07	11S	21E	A	M	36.983	119.717	FRESNO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.40	0.50	0.58	0.79	0.98	1.26	13.07
5	0.0	0.0	0.0	0.0	0.59	0.73	0.85	1.15	1.42	1.94	17.44
10	0.0	0.0	0.0	0.0	0.71	0.88	1.02	1.38	1.71	2.22	19.96
20	0.0	0.0	0.0	0.0	0.82	1.02	1.18	1.60	1.98	2.56	22.18
25	0.0	0.0	0.0	0.0	0.86	1.06	1.23	1.67	2.06	2.67	22.84
40	0.0	0.0	0.0	0.0	0.87	1.08	1.25	1.70	2.10	2.72	24.19
50	0.0	0.0	0.0	0.0	0.96	1.19	1.38	1.87	2.32	2.99	24.81
100	0.0	0.0	0.0	0.0	1.06	1.31	1.52	2.06	2.56	3.31	26.65
200	0.0	0.0	0.0	0.0	1.16	1.44	1.66	2.26	2.79	3.61	28.39
1000	0.0	0.0	0.0	0.0	1.38	1.71	1.98	2.68	3.33	4.30	32.17
10000	0.0	0.0	0.0	0.0	1.68	2.08	2.42	3.27	4.06	5.25	37.12
PMP	0.0	0.0	0.0	0.0	3.44	4.28	4.96	6.72	8.32	10.77	87.04
MEAN	0.0	0.0	0.0	0.0	0.440	0.547	0.634	0.858	1.064	1.376	13.474
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	0.336	-0.043	0.390	0.975	0.014	0.099	0.441
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.670 ; INTERCEPT (TIME=1 HOUR) =0.438 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.03254 ; AVERAGE CALC CV / USED CV = 0.71

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	3.097	3.091	3.042	4.315	3.547	3.583	4.021
N	0	0	0	0	12	12	12	12	12	12	12
RECORD YEAR	0	0	0	0	1942	1942	1946	1946	1950	1950	1940
RECORD MAXIMUM	0.0	0.0	0.0	0.0	0.630	0.780	0.950	1.310	1.480	2.140	22.270
NORMILIZED MAX	0.0	0.0	0.0	0.0	1.260	1.336	1.645	1.997	1.604	1.895	1.918
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.343	0.320	0.304	0.263	0.244	0.293	0.340
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0	0.0	0.0	0.0	0.0326	0.0406	0.0470	0.0637	0.0790	0.1021	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0526	0.0653	0.0757	0.1026	0.1271	0.1644	1.4816
RP25/A	0.0	0.0	0.0	0.0	0.0633	0.0787	0.0912	0.1236	0.1532	0.1981	1.6953
RP50/A	0.0	0.0	0.0	0.0	0.0710	0.0883	0.1023	0.1386	0.1718	0.2222	1.8411
RP100/A	0.0	0.0	0.0	0.0	0.0785	0.0975	0.1131	0.1532	0.1898	0.2455	1.9776
RP1000/A	0.0	0.0	0.0	0.0	0.1021	0.1268	0.1470	0.1992	0.2468	0.3192	2.3872
RP10000/A	0.0	0.0	0.0	0.0	0.1245	0.1547	0.1793	0.2430	0.3011	0.3895	2.7550
PMP/A	0.0	0.0	0.0	0.0	0.2554	0.3174	0.3679	0.4986	0.6178	0.7990	6.4600

PEARSON TYPE III DISTRIBUTION USED
REPORABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
870 4176 0	HUNTINGTON LAKE	7020	15	08S	25E	P	M	37.229	119.219	FRESNO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1942	0.05	0.07	0.11	0.21	0.36	0.68	0.94	1.51	2.31	3.28	******
1943	0.05	0.09	0.12	0.23	0.43	0.83	1.00	1.55	2.61	3.89	32.48
1944	0.07	0.09	0.13	0.22	0.38	0.53	0.79	1.27	2.24	4.02	40.75
1945	0.19	0.26	0.35	0.43	0.61	0.90	1.35	1.90	3.26	5.40	38.39
1946	0.13	0.15	0.19	0.21	0.59	1.02	1.44	2.18	2.76	4.13	31.15
1947	0.13	0.21	0.31	0.53	0.72	0.83	0.86	1.02	1.42	1.57	14.75
1948	0.06	0.10	0.13	0.15	0.26	0.55	0.76	1.37	2.38	2.95	25.52
1949	0.20	0.34	0.42	0.55	0.60	0.68	0.74	1.00	1.41	3.15	24.05
1950	0.14	0.23	0.30	0.45	0.70	1.18	1.55	2.74	5.20	9.11	46.82
1951	0.20	0.29	0.34	0.45	0.76	0.98	1.02	1.30	1.75	3.32	29.56
1952	0.08	0.12	0.16	0.28	0.49	0.81	1.05	1.46	2.28	4.56	36.41
1953	0.15	0.22	0.26	0.46	0.66	0.75	1.06	1.63	2.09	2.40	20.56
1954	0.05	0.10	0.15	0.26	0.47	0.83	1.08	1.54	2.22	2.66	30.93
1955	0.15	0.20	0.27	0.40	0.47	1.20	1.65	2.56	5.21	7.94	49.04
1956	0.16	0.29	0.44	0.59	0.65	0.75	0.87	1.36	2.28	3.00	27.49
1957	0.05	0.10	0.15	0.23	0.40	0.70	0.98	1.45	1.71	3.12	35.58
1958	0.09	0.18	0.24	0.35	0.50	0.77	1.04	1.46	2.20	2.40	44.50
1959	0.25	0.40	0.49	0.76	0.98	1.30	1.33	1.86	3.16	3.97	26.66
1960	0.09	0.15	0.19	0.35	0.48	0.58	0.79	1.47	2.56	2.77	26.93
1961	0.09	0.15	0.20	0.26	0.50	0.60	0.74	1.21	2.13	2.98	26.61
1962	0.17	0.19	0.33	0.34	0.36	0.63	0.93	1.62	2.96	4.16	42.65
1963	0.06	0.11	0.16	0.30	0.55	0.93	1.31	1.96	3.42	6.71	51.30
1964	0.12	0.14	0.18	0.30	0.47	0.75	1.06	1.84	2.63	3.44	46.34
1965	0.08	0.10	0.15	0.25	0.47	0.66	0.93	1.37	2.20	3.00	46.14
1966	0.08	0.12	0.17	0.27	0.50	0.92	1.32	2.20	3.33	5.09	27.76
1967	0.13	0.17	0.20	0.26	0.38	0.70	0.90	1.25	2.02	2.96	44.14
1968	0.05	0.09	0.13	0.24	0.35	0.55	0.63	0.91	1.41	2.10	32.81
1969	0.14	0.20	0.26	0.37	0.56	0.87	1.00	1.71	3.00	3.73	65.01
1970	0.10	0.15	0.20	0.23	0.40	0.67	0.88	1.80	3.10	4.70	47.72
1971	*****	*****	*****	*****	0.30	0.60	0.80	1.70	2.20	3.70	36.30
1972	*****	*****	*****	*****	2.00	2.30	2.50	2.90	3.00	3.00	31.40
1973	*****	*****	0.30	0.30	0.40	0.80	1.00	1.70	2.30	3.00	25.81
1974	*****	*****	0.30	0.30	0.50	0.80	1.20	2.00	2.70	3.10	38.50

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
870 4176 0	HUNTINGTON LAKE	7020	15	08S	25E	P	M	37.229	119.219	FRESNO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.10	0.16	0.22	0.32	0.51	0.77	0.99	1.53	2.38	3.46	34.95
5	0.15	0.23	0.32	0.47	0.75	1.12	1.44	2.22	3.47	5.04	46.69
10	0.18	0.28	0.38	0.56	0.90	1.35	1.74	2.67	4.17	6.06	53.45
20	0.21	0.32	0.44	0.65	1.04	1.56	2.01	3.09	4.82	7.01	59.37
25	0.22	0.34	0.46	0.67	1.09	1.63	2.09	3.22	5.02	7.30	61.16
40	0.23	0.34	0.47	0.69	1.11	1.66	2.13	3.29	5.12	7.44	64.77
50	0.25	0.38	0.51	0.76	1.22	1.83	2.35	3.61	5.63	8.19	66.42
100	0.27	0.42	0.57	0.84	1.35	2.02	2.59	3.99	6.23	9.05	71.34
200	0.30	0.45	0.62	0.91	1.47	2.20	2.83	4.36	6.80	9.88	76.01
1000	0.36	0.54	0.74	1.09	1.75	2.62	3.37	5.19	8.10	11.76	86.12
10000	0.44	0.66	0.90	1.33	2.14	3.20	4.11	6.33	9.88	14.35	99.39
PMP	0.89	1.35	1.85	2.72	4.38	6.57	8.44	13.00	20.26	29.44	233.04
MEAN	0.114	0.173	0.236	0.347	0.560	0.839	1.079	1.661	2.589	3.763	36.075
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.653	1.094	0.857	1.334	3.812	3.159	2.256	1.184	1.569	1.913	0.513
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.371 ; INTERCEPT (TIME=1 HOUR) =0.546 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.01514 ; AVERAGE CALC CV / USED CV = 0.94

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.000	4.066	3.252	4.865	20.542	15.943	10.393	4.477	6.637	7.407	3.338
N	29	29	31	31	33	33	33	33	33	33	32
RECORD YEAR	1959	1959	1959	1959	1972	1972	1972	1955	1955	1950	1969
RECORD MAXIMUM	0.250	0.400	0.490	0.760	2.000	2.300	2.500	2.960	5.210	9.110	65.010
NORMILIZED MAX	2.500	2.770	2.514	3.108	4.853	4.541	4.035	2.609	3.026	3.438	2.626
CALC. COEF. VAR	0.476	0.475	0.427	0.382	0.529	0.393	0.327	0.300	0.334	0.413	0.305
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0032	0.0048	0.0066	0.0096	0.0155	0.0233	0.0299	0.0460	0.0718	0.1043	1.0000
RP10/A	0.0051	0.0077	0.0106	0.0155	0.0250	0.0375	0.0481	0.0741	0.1156	0.1679	1.4816
RP25/A	0.0061	0.0093	0.0127	0.0187	0.0301	0.0451	0.0580	0.0893	0.1392	0.2023	1.6953
RP50/A	0.0069	0.0104	0.0143	0.0210	0.0338	0.0506	0.0651	0.1002	0.1562	0.2270	1.8411
RP100/A	0.0076	0.0115	0.0158	0.0232	0.0373	0.0559	0.0719	0.1107	0.1726	0.2508	1.9776
RP1000/A	0.0099	0.0150	0.0205	0.0301	0.0486	0.0727	0.0935	0.1439	0.2244	0.3261	2.3872
RP10000/A	0.0121	0.0183	0.0250	0.0367	0.0592	0.0887	0.1141	0.1756	0.2738	0.3978	2.7550
PMP/A	0.0248	0.0375	0.0513	0.0754	0.1215	0.1821	0.2340	0.3603	0.5617	0.8162	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LDT	BMM	LATITUDE	LONGITUDE	COUNTY
COO 1867 0	COALINGA 1SE	663	04	21S	15E	J	M	36.128	120.344	FRESNO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.09	0.14	0.21	0.28	0.43	0.64	0.84	1.24	1.75	1.77	10.76
1941	0.14	0.19	0.22	0.30	0.43	0.56	0.65	0.88	1.06	1.41	14.21
1942	0.10	0.14	0.19	0.22	0.25	0.45	0.65	0.93	0.95	0.98	5.10
1943	0.12	0.17	0.18	0.22	0.30	0.37	0.50	0.80	0.84	1.10	8.08
1944	0.07	0.10	0.13	0.16	0.21	0.37	0.49	0.69	0.76	1.59	5.49
1945	0.10	0.12	0.17	0.20	0.25	0.29	0.40	0.53	0.65	0.77	6.90
1946	0.06	0.10	0.12	0.18	0.32	0.48	0.61	0.80	0.82	0.90	5.73
1947	*****	*****	*****	*****	0.17	0.22	0.22	0.23	0.23	0.32	1.98
1948	0.05	0.08	0.12	0.17	0.23	0.46	0.50	0.54	0.64	0.86	5.48
1949	0.07	0.11	0.12	0.14	0.25	0.41	0.50	0.73	0.76	1.19	5.23
1950	0.13	0.15	0.17	0.17	0.22	0.37	0.47	0.65	0.81	0.85	5.86
1951	0.09	0.13	0.16	0.22	0.22	0.35	0.45	0.69	0.60	0.75	5.59
1952	0.20	0.28	0.47	0.49	0.50	0.57	0.57	0.83	0.90	0.90	10.92
1953	*****	*****	*****	*****	0.40	0.70	0.90	1.14	1.57	1.57	2.60
1954	0.03	0.05	0.08	0.15	0.24	0.44	0.60	1.15	1.24	1.30	5.60
1955	0.16	0.26	0.27	0.52	0.92	1.06	1.07	1.07	1.08	1.49	11.85
1956	0.20	0.26	0.39	0.54	0.59	0.60	0.61	0.65	0.65	0.65	4.30
1957	0.16	0.23	0.29	0.52	0.62	0.70	0.77	0.77	0.82	0.99	9.73
1958	0.10	0.16	0.18	0.21	0.32	0.56	0.59	0.69	0.82	0.94	11.04
1959	0.02	0.04	0.07	0.13	0.24	0.33	0.42	0.58	0.80	1.02	3.86
1960	0.05	0.07	0.06	0.16	0.27	0.51	0.63	0.78	1.41	1.76	5.15
1961	0.15	0.24	0.28	0.37	0.51	0.60	0.60	1.00	1.33	1.50	5.12
1962	0.06	0.08	0.11	0.20	0.38	0.54	0.78	1.10	1.15	1.37	7.98
1963	0.17	0.19	0.22	0.32	0.48	0.73	0.85	0.98	1.05	1.05	8.51
1964	0.05	0.07	0.10	0.15	0.34	0.41	0.42	0.79	0.98	1.00	4.31
1965	0.21	0.23	0.25	0.36	0.45	0.58	0.84	1.15	1.17	1.63	9.96
1966	0.09	0.14	0.16	0.23	0.32	0.47	0.55	0.52	1.40	2.27	5.79
1967	0.06	0.14	0.17	0.26	0.35	0.36	0.37	0.53	0.69	0.74	6.12
1968	0.02	0.06	0.09	0.15	0.25	0.38	0.38	0.44	0.65	0.96	5.30
1969	0.16	0.18	0.22	0.36	0.50	0.70	0.90	1.53	2.27	2.66	13.25
1970	0.03	0.06	0.09	0.14	0.25	0.41	0.54	0.72	0.79	0.86	6.47
1971	0.04	0.07	0.10	0.14	0.20	0.28	0.44	0.75	0.81	0.85	4.27
1972	0.04	0.07	0.08	0.13	0.23	0.27	0.32	0.45	0.62	0.62	3.28
1973	*****	*****	*****	0.29	0.34	0.50	0.64	0.80	0.85	1.00	8.53
1974	*****	*****	*****	*****	0.16	0.31	0.41	0.62	0.85	1.55	6.86

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LDT	BMM	LATITUDE	LONGITUDE	COUNTY
COO 1867 0	COALINGA 1SE	663	04	21S	15E	J	M	36.128	120.344	FRESNO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.09	0.13	0.17	0.23	0.32	0.45	0.54	0.76	0.89	1.08	6.46
5	0.13	0.18	0.23	0.32	0.44	0.62	0.74	1.01	1.23	1.49	8.88
10	0.15	0.21	0.27	0.38	0.52	0.73	0.88	1.20	1.45	1.76	10.41
20	0.17	0.24	0.31	0.44	0.60	0.84	1.01	1.38	1.66	2.02	11.82
25	0.18	0.25	0.32	0.45	0.62	0.87	1.05	1.43	1.73	2.10	12.26
40	0.19	0.27	0.35	0.49	0.67	0.94	1.13	1.55	1.87	2.27	13.15
50	0.20	0.28	0.36	0.51	0.69	0.97	1.17	1.60	1.93	2.34	13.57
100	0.22	0.31	0.40	0.56	0.77	1.07	1.29	1.76	2.13	2.58	14.83
200	0.24	0.33	0.44	0.61	0.84	1.17	1.41	1.92	2.32	2.82	16.05
1000	0.28	0.40	0.52	0.73	0.99	1.39	1.68	2.29	2.76	3.35	18.79
10000	0.35	0.49	0.63	0.89	1.21	1.70	2.05	2.79	3.37	4.09	22.53
PMP	0.66	0.92	1.20	1.68	2.30	3.22	3.89	5.30	6.41	7.77	46.28
MEAN	0.099	0.139	0.181	0.254	0.347	0.485	0.586	0.799	0.965	1.171	6.892
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.480	0.500	1.349	1.194	1.697	1.158	0.561	0.477	1.402	1.172	0.776
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.504 ; INTERCEPT (TIME=1 HOUR) =0.346 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.0502E ; AVERAGE CALC CV / USED CV = 1.22

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	2.373	2.435	4.877	3.644	7.132	5.620	3.239	3.731	6.249	5.112	3.178
N	31	31	31	32	35	35	35	35	35	35	35
RECORD YEAR	1965	1952	1952	1956	1955	1955	1955	1969	1969	1969	1941
RECORD MAXIMUM	0.210	0.280	0.470	0.540	0.920	1.060	1.070	1.530	2.270	2.660	14.210
NORMILIZED MAX	1.984	2.029	2.966	2.330	3.673	3.407	2.556	2.749	3.418	3.139	2.448
CALC. COEF. VAR	0.568	0.500	0.540	0.484	0.450	0.348	0.323	0.333	0.396	0.405	0.434
REGN. COEF. VAR	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.381
USED COEF. VAR	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.381
MEAN/A	0.0143	0.0202	0.0262	0.0368	0.0503	0.0704	0.0851	0.1159	0.1400	0.1699	1.0000
RP10/A	0.0215	0.0303	0.0394	0.0554	0.0757	0.1058	0.1279	0.1743	0.2105	0.2554	1.5107
RP25/A	0.0257	0.0362	0.0470	0.0660	0.0902	0.1262	0.1525	0.2078	0.2510	0.3045	1.7783
RP50/A	0.0287	0.0404	0.0525	0.0737	0.1008	0.1410	0.1704	0.2321	0.2804	0.3401	1.9685
RP100/A	0.0316	0.0445	0.0579	0.0813	0.1111	0.1554	0.1878	0.2559	0.3090	0.3749	2.1516
RP1000/A	0.0410	0.0578	0.0751	0.1054	0.1441	0.2016	0.2436	0.3319	0.4009	0.4863	2.7264
RP10000/A	0.0501	0.0705	0.0917	0.1287	0.1760	0.2461	0.2975	0.4053	0.4895	0.5939	3.2696
PMP/A	0.0951	0.1340	0.1740	0.2445	0.3342	0.4674	0.5649	0.7697	0.9296	1.1278	6.7150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BEN PUPER FUR		STATION NAME	ELEV	SEC	TWP	RNG	LOT	FRM	LATITUDE	LONGITUDE	COUNTY
000 3267	0	FRESNO AE WMS	331	30	13S	21E	J	M	36.770	119.717	FRESNO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1903	*****	*****	*****	*****	0.73	0.39	0.51	0.52	0.71	0.75	6.19
1904	0.35	0.40	0.49	0.67	0.97	1.09	1.10	1.35	2.07	2.38	13.33
1905	0.13	0.20	0.26	0.49	0.59	0.57	0.57	0.76	1.02	1.02	7.27
1906	0.18	0.26	0.32	0.36	0.43	0.63	0.72	0.83	1.01	1.70	16.09
1907	0.11	0.13	0.19	0.21	0.24	0.37	0.45	0.66	0.77	0.79	9.00
1908	0.12	0.15	0.18	0.20	0.21	0.27	0.46	0.57	0.87	1.00	7.08
1909	0.10	0.26	0.27	0.31	0.41	0.43	0.46	0.62	1.13	1.72	16.47
1910	0.05	0.08	0.11	0.16	0.24	0.31	0.31	0.52	0.66	1.00	4.88
1911	0.15	0.22	0.30	0.40	0.44	0.57	0.64	0.82	1.08	1.40	11.35
1912	0.09	0.12	0.16	0.24	0.35	0.45	0.58	0.77	0.81	0.86	7.32
1913	0.08	0.14	0.16	0.20	0.30	0.43	0.43	0.74	0.84	0.96	8.69
1914	0.14	0.16	0.20	0.32	0.57	0.69	0.71	0.98	1.06	1.63	9.67
1915	0.17	0.20	0.22	0.25	0.40	0.61	0.79	1.26	2.13	2.18	11.65
1916	0.13	0.17	0.18	0.20	0.28	0.34	0.35	0.55	0.71	0.85	12.50
1917	0.08	0.10	0.11	0.13	0.16	0.22	0.44	0.52	0.88	1.01	3.91
1918	0.10	0.11	0.11	0.14	0.23	0.40	0.51	0.93	1.68	2.26	13.68
1919	0.08	0.12	0.13	0.14	0.18	0.31	0.37	0.50	0.51	0.53	4.50
1920	0.18	0.26	0.35	0.49	0.50	0.63	0.63	1.18	1.36	1.46	9.78
1921	0.10	0.13	0.14	0.16	0.23	0.35	0.41	0.58	0.81	1.03	9.08
1922	0.18	0.22	0.23	0.23	0.27	0.34	0.62	1.05	1.53	1.72	10.23
1923	0.11	0.20	0.26	0.37	0.47	0.63	0.68	0.82	1.08	1.36	6.99
1924	0.08	0.15	0.18	0.26	0.38	0.52	0.57	0.79	0.97	1.49	7.26
1925	0.30	0.57	0.82	1.19	1.18	1.28	1.28	1.32	1.33	1.69	10.24
1926	0.27	0.50	0.65	0.91	1.35	1.70	1.70	1.70	1.80	2.00	9.42
1927	0.07	0.09	0.14	0.27	0.36	0.48	0.53	0.93	1.05	1.40	11.03
1928	0.24	0.27	0.29	0.33	0.38	0.43	0.51	0.57	0.66	0.87	5.54
1929	0.05	0.08	0.11	0.16	0.26	0.41	0.46	0.91	0.92	1.10	4.90
1930	0.04	0.07	0.10	0.19	0.34	0.52	0.61	0.70	0.77	0.81	7.18
1931	0.23	0.36	0.47	0.78	0.94	1.03	1.03	1.10	1.10	1.10	12.13
1932	0.17	0.31	0.41	0.42	0.44	0.49	0.50	0.70	0.83	0.83	5.69
1933	0.14	0.20	0.25	0.34	0.46	0.53	0.56	0.56	0.66	0.67	6.66
1934	0.10	0.15	0.16	0.27	0.51	0.60	0.61	0.93	0.93	1.02	8.17
1935	0.26	0.33	0.43	0.52	0.54	0.64	0.65	1.12	1.19	1.32	13.99
1936	0.09	0.16	0.18	0.24	0.36	0.50	0.64	1.00	1.18	1.21	12.99
1937	0.15	0.29	0.36	0.46	0.56	0.58	0.83	0.83	1.58	1.62	10.24
1938	0.20	0.24	0.32	0.49	0.60	0.84	1.00	1.34	1.68	2.14	15.08
1939	0.43	0.65	0.88	1.22	1.36	1.44	1.47	1.66	1.66	1.66	8.00
1940	0.18	0.26	0.31	0.37	0.43	0.47	0.64	1.27	1.77	2.44	16.03
1941	0.48	0.65	0.81	0.84	0.93	1.00	1.03	1.28	1.34	1.34	16.74
1942	0.08	0.14	0.16	0.21	0.31	0.55	0.65	0.70	0.85	0.87	6.97
1943	0.08	0.12	0.15	0.18	0.25	0.39	0.46	0.61	0.61	0.88	9.21
1944	0.14	0.20	0.24	0.27	0.31	0.40	0.40	0.41	0.79	1.15	8.88
1945	0.08	0.13	0.23	0.31	0.41	0.43	0.43	0.55	0.72	1.26	9.48
1946	0.39	0.52	0.68	0.81	0.87	0.91	0.91	0.91	1.21	1.34	9.52
1947	0.16	0.20	0.21	0.23	0.25	0.27	0.37	0.37	0.37	0.53	3.55
1948	0.10	0.15	0.18	0.19	0.21	0.26	0.39	0.60	0.79	0.86	7.63
1949	0.16	0.19	0.37	0.42	0.63	0.82	0.91	0.96	0.96	0.90	6.57
1950	0.16	0.27	0.33	0.39	0.49	0.62	0.73	0.94	1.37	1.56	12.35
1951	0.19	0.28	0.42	0.46	0.49	0.57	0.63	0.63	0.77	0.95	9.69
1952	0.14	0.25	0.31	0.33	0.41	0.56	0.67	0.72	1.31	1.77	15.54
1953	0.13	0.19	0.21	0.35	0.44	0.64	0.84	1.22	1.35	1.35	6.13
1954	0.14	0.20	0.22	0.25	0.29	0.36	0.49	0.53	0.91	1.16	9.83
1955	0.07	0.11	0.16	0.25	0.38	0.56	0.67	0.88	1.41	1.76	15.21
1956	0.12	0.18	0.22	0.30	0.32	0.43	0.44	0.59	0.65	0.75	6.64
1957	0.14	0.22	0.27	0.28	0.29	0.32	0.45	0.67	0.73	0.96	10.43
1958	0.13	0.19	0.28	0.34	0.43	0.78	0.93	1.26	1.63	1.63	16.47
1959	0.12	0.22	0.29	0.44	0.73	0.94	0.96	0.96	1.23	1.91	7.21
1960	0.14	0.16	0.18	0.22	0.40	0.44	0.48	0.77	0.99	1.01	9.51
1961	0.14	0.16	0.18	0.27	0.40	0.44	0.48	0.58	0.91	1.23	6.96
1962	0.11	0.19	0.23	0.33	0.44	0.52	0.52	0.54	0.86	1.66	9.59
1963	0.14	0.18	0.23	0.27	0.39	0.63	0.73	0.86	1.09	1.18	14.27
1964	0.07	0.12	0.16	0.24	0.33	0.46	0.59	0.99	1.12	1.13	8.44
1965	0.24	0.42	0.53	0.67	0.77	1.25	1.39	1.53	1.55	1.55	10.34
1966	0.13	0.14	0.21	0.25	0.27	0.30	0.39	0.53	0.94	1.40	6.07
1967	0.20	0.38	0.68	0.71	0.84	0.94	0.95	0.99	1.15	1.22	12.98
1968	0.09	0.14	0.17	0.29	0.48	0.81	0.92	0.96	1.09	1.12	10.50
1969	0.16	0.27	0.38	0.67	0.95	1.33	1.65	1.93	2.18	2.59	19.14
1970	0.16	0.21	0.24	0.34	0.48	0.49	0.63	1.19	1.43	1.74	11.86
1971	0.07	0.11	0.13	0.23	0.43	0.58	0.66	0.88	0.92	0.93	6.99
1972	0.21	0.32	0.41	0.47	0.50	0.54	0.59	0.60	0.78	0.99	7.47
1973	0.13	0.19	0.21	0.24	0.36	0.44	0.54	0.85	1.04	1.11	12.68
1974	0.17	0.26	0.29	0.39	0.40	0.43	0.43	0.56	0.93	1.04	9.31
1975	0.10	0.15	0.17	0.24	0.31	0.39	0.62	0.69	0.73	0.73	6.33

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. REN ORDER	SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
000 3257	0	FRESNO AP NWS	331	30	13S	21E	J	M	36.770	119.717	FRESNO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.21	0.26	0.34	0.43	0.55	0.62	0.79	1.00	1.19	9.16
5	0.19	0.28	0.36	0.47	0.60	0.75	0.85	1.10	1.38	1.64	12.60
10	0.23	0.34	0.43	0.56	0.71	0.89	1.00	1.30	1.64	1.95	14.77
20	0.26	0.39	0.49	0.64	0.81	1.02	1.15	1.49	1.88	2.23	16.77
25	0.27	0.40	0.51	0.67	0.84	1.06	1.20	1.55	1.95	2.32	17.38
40	0.30	0.43	0.55	0.72	0.91	1.15	1.29	1.67	2.11	2.50	18.85
50	0.31	0.45	0.57	0.74	0.94	1.19	1.34	1.73	2.18	2.59	19.24
100	0.34	0.49	0.63	0.82	1.04	1.31	1.47	1.90	2.40	2.86	21.03
200	0.37	0.54	0.68	0.89	1.13	1.43	1.61	2.08	2.62	3.12	22.77
1000	0.44	0.64	0.81	1.06	1.34	1.70	1.91	2.47	3.12	3.70	26.65
10000	0.53	0.78	0.99	1.30	1.64	2.07	2.34	3.02	3.81	4.52	31.96
PMP	1.01	1.48	1.89	2.47	3.12	3.93	4.44	5.73	7.23	8.59	65.64
MEAN	0.153	0.224	0.284	0.371	0.469	0.592	0.668	0.863	1.088	1.294	9.775
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.891	1.753	1.851	1.955	1.778	1.694	1.731	1.024	0.920	0.813	0.570
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.599 ; INTERCEPT (TIME=1 HOUR) =0.457 ; COEFFICIENT OF DETERMINATION = 0.993
1HR INTERCEPT / MEAN YR =0.04677 ; AVERAGE CALC CV / USED CV = 1.44

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	7.387	6.307	6.619	7.159	6.248	6.028	6.136	4.021	3.635	3.327	2.800
N	72	72	72	72	73	73	73	73	73	73	73
RECORD YEAR	1941	1939	1939	1939	1939	1926	1926	1969	1969	1969	1969
RECORD MAXIMUM	0.480	0.650	0.880	1.220	1.360	1.700	1.700	1.930	2.180	2.590	19.140
NORMILIZED MAX	3.856	3.415	3.535	3.759	3.473	3.771	3.503	3.294	2.838	2.799	2.674
CALC. COEF. VAR	0.556	0.558	0.594	0.608	0.547	0.496	0.441	0.377	0.353	0.358	0.358
REGN. COEF. VAR	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.381
USED COEF. VAR	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.381
MEAN/A	0.0156	0.0229	0.0290	0.0380	0.0480	0.0606	0.0683	0.0883	0.1114	0.1323	1.0000
RP10/A	0.0235	0.0344	0.0437	0.0571	0.0722	0.0911	0.1027	0.1327	0.1674	0.1990	1.5107
RP25/A	0.0280	0.0410	0.0521	0.0681	0.0860	0.1087	0.1225	0.1582	0.1996	0.2373	1.7783
RP50/A	0.0313	0.0458	0.0582	0.0761	0.0961	0.1214	0.1368	0.1767	0.2230	0.2650	1.9685
RP100/A	0.0345	0.0505	0.0641	0.0839	0.1059	0.1338	0.1508	0.1948	0.2458	0.2921	2.1516
RP1000/A	0.0447	0.0655	0.0832	0.1088	0.1374	0.1735	0.1956	0.2527	0.3188	0.3789	2.7264
RP10000/A	0.0546	0.0800	0.1015	0.1328	0.1678	0.2119	0.2389	0.3086	0.3893	0.4627	3.2696
PMP/A	0.1037	0.1519	0.1928	0.2523	0.3187	0.4024	0.4537	0.5860	0.7394	0.8788	6.7150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN DRDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
C10 449 0	BALCH POWER HOUSE	1720	12	12S	26E	B	M	36.909	119.088	FRESNO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1951	0.13	0.18	0.20	0.26	0.37	0.61	0.72	1.20	1.53	2.21	27.65
1952	0.14	0.19	0.21	0.30	0.47	0.94	1.15	1.45	2.15	3.30	33.03
1953	0.32	0.38	0.39	0.39	0.51	0.72	1.00	1.61	2.22	2.72	17.56
1954	0.10	0.19	0.24	0.40	0.57	0.74	0.96	1.37	2.27	3.69	29.58
1955	0.06	0.12	0.18	0.33	0.56	0.98	1.39	2.61	3.75	6.15	37.06
1956	0.50	0.85	0.95	1.07	1.11	1.11	1.11	1.12	1.12	1.36	23.47
1957	0.07	0.12	0.18	0.31	0.51	0.67	0.79	1.38	1.89	2.62	30.63
1958	0.40	0.50	0.52	0.52	0.53	0.69	0.98	1.20	1.77	2.25	34.61
1959	0.06	0.08	0.13	0.24	0.37	0.54	0.71	1.01	1.60	2.55	17.59
1960	0.10	0.12	0.15	0.27	0.41	0.60	0.84	1.43	2.20	2.40	26.51
1961	0.16	0.24	0.27	0.42	0.42	0.52	0.56	0.98	1.58	2.13	15.03
1962	0.05	0.10	0.13	0.21	0.37	0.54	0.75	1.36	1.98	3.16	25.80
1963	0.16	0.18	0.30	0.42	0.62	1.08	1.54	2.58	3.94	6.30	37.31
1964	0.15	0.30	0.36	0.43	0.56	0.67	0.84	1.23	1.69	2.03	28.15
1965	0.13	0.22	0.31	0.42	0.50	0.50	0.56	1.04	1.71	2.71	27.71
1966	0.08	0.14	0.19	0.28	0.49	0.86	1.07	1.86	3.08	5.53	23.65
1967	0.04	0.08	0.12	0.19	0.34	0.54	0.72	1.05	1.26	1.76	34.72
1968	*****	*****	*****	*****	0.30	0.60	0.80	0.90	1.30	1.50	23.60
1969	*****	*****	*****	*****	1.00	2.00	2.30	2.50	4.10	6.80	55.50
1970	*****	*****	*****	*****	0.80	1.20	1.20	1.50	2.60	4.10	31.30
1971	*****	*****	*****	*****	0.40	0.70	0.80	1.00	1.70	2.40	24.60
1972	*****	*****	*****	*****	0.20	0.40	0.50	1.00	1.70	2.40	16.20
1973	*****	*****	0.20	0.30	0.50	0.80	1.10	1.80	2.80	3.10	40.20
1974	*****	*****	0.40	0.70	0.80	1.10	1.20	1.50	2.10	2.80	28.10

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN DRDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
C10 449 0	BALCH POWER HOUSE	1720	12	12S	26E	B	M	36.909	119.088	FRESNO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.21	0.26	0.36	0.48	0.72	0.89	1.31	1.97	2.86	27.05
5	0.21	0.31	0.38	0.52	0.70	1.05	1.30	1.92	2.89	4.20	36.70
10	0.25	0.38	0.46	0.63	0.85	1.27	1.58	2.33	3.50	5.09	42.81
20	0.29	0.44	0.53	0.74	0.99	1.49	1.84	2.71	4.08	5.94	48.43
25	0.31	0.46	0.56	0.77	1.03	1.55	1.92	2.83	4.26	6.20	50.16
40	0.33	0.50	0.61	0.84	1.13	1.69	2.09	3.08	4.64	6.75	53.73
50	0.35	0.52	0.63	0.87	1.17	1.75	2.17	3.20	4.82	7.01	55.39
100	0.39	0.58	0.70	0.97	1.30	1.95	2.41	3.56	5.36	7.79	60.42
200	0.42	0.63	0.77	1.06	1.43	2.14	2.65	3.91	5.89	8.56	65.31
1000	0.51	0.76	0.93	1.28	1.72	2.58	3.19	4.70	7.08	10.30	76.22
10000	0.63	0.94	1.14	1.58	2.12	3.19	3.94	5.81	8.75	12.73	91.15
PMP	1.22	1.84	2.73	3.08	4.13	6.20	7.66	11.31	17.03	24.77	185.86
MEAN	0.156	0.235	0.285	0.393	0.528	0.792	0.979	1.445	2.177	3.165	28.770
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.726	2.339	2.485	2.323	1.348	2.158	1.880	1.355	1.185	1.327	0.987
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.500 ; INTERCEPT (TIME=1 HOUR) =0.556 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.01933 ; AVERAGE CALC CV / USED CV = 1.28

KURTOSIS	5.623	9.257	10.555	9.616	5.142	9.388	8.303	4.957	3.979	4.066	5.554
N	17	17	19	19	24	24	24	24	24	24	24
RECORD YEAR	1956	1956	1956	1956	1956	1969	1969	1955	1969	1969	1969
RECORD MAXIMUM	0.500	0.850	0.950	1.070	1.110	2.000	2.300	2.610	4.100	6.800	55.500
NORMILIZED MAX	2.633	3.180	3.333	3.327	2.739	3.583	3.444	2.320	2.341	2.376	3.010
CALC. COEF. VAR	0.834	0.824	0.681	0.517	0.403	0.426	0.392	0.347	0.377	0.483	0.309
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0054	0.0082	0.0099	0.0137	0.0183	0.0275	0.0340	0.0502	0.0757	0.1100	1.0000
RP10/A	0.0088	0.0131	0.0159	0.0220	0.0295	0.0443	0.0547	0.0808	0.1218	0.1771	1.4879
RP25/A	0.0107	0.0160	0.0194	0.0268	0.0360	0.0539	0.0667	0.0984	0.1482	0.2156	1.7435
RP50/A	0.0120	0.0181	0.0219	0.0302	0.0406	0.0609	0.0753	0.1112	0.1674	0.2435	1.9253
RP100/A	0.0134	0.0201	0.0244	0.0336	0.0452	0.0678	0.0837	0.1236	0.1862	0.2708	2.1002
RP1000/A	0.0177	0.0266	0.0322	0.0445	0.0597	0.0894	0.1107	0.1635	0.2462	0.3581	2.6493
RP10000/A	0.0219	0.0328	0.0398	0.0549	0.0738	0.1107	0.1368	0.2020	0.3042	0.4424	3.1683
PMP/A	0.0426	0.0638	0.0774	0.1069	0.1436	0.2154	0.2662	0.3930	0.5920	0.8609	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUF										
C10 6896 0	PINE FLAT DAM	615	02	13S	24E	A	M	36.832	119.324	FRESNO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1951	*****	*****	0.37	0.50	0.72	0.97	1.15	1.41	1.85	3.26	18.21
1952	*****	*****	0.36	0.60	0.70	0.91	1.07	1.29	2.32	2.92	25.45
1953	*****	*****	0.18	0.24	0.36	0.67	0.78	1.40	1.88	2.30	16.88
1954	*****	*****	0.24	0.42	0.56	0.76	1.00	1.46	1.86	2.86	19.02
1955	*****	*****	0.29	0.42	0.68	0.73	0.95	1.86	2.50	2.62	17.59
1956	*****	*****	0.18	0.30	0.47	0.70	1.05	1.85	2.92	4.48	27.03
1957	*****	*****	0.48	0.78	0.90	0.92	0.94	1.01	1.14	1.85	14.51
1958	*****	*****	0.40	0.40	0.73	0.81	0.90	1.38	2.18	2.33	32.91
1959	*****	*****	0.22	0.31	0.31	0.52	0.69	1.04	1.58	2.07	9.34
1960	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	12.83
1961	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	12.07
1962	*****	*****	0.27	0.42	0.48	0.77	0.79	1.02	1.70	2.40	21.28
1963	*****	*****	0.19	0.35	0.52	0.68	1.13	1.55	1.99	3.25	19.37
1964	*****	*****	0.23	0.43	0.69	0.88	1.03	1.03	1.02	1.45	13.68
1965	*****	*****	0.30	0.32	0.49	0.65	0.86	1.09	1.15	1.67	21.49
1966	*****	*****	0.16	0.28	0.45	0.70	0.84	0.91	1.45	1.87	11.97
1967	*****	*****	0.36	0.51	0.58	0.88	1.09	1.86	2.79	4.57	31.01
1968	*****	*****	0.20	0.30	0.30	0.67	0.73	0.78	0.87	0.91	11.43
1969	*****	*****	0.32	0.54	0.55	1.02	1.37	2.11	2.66	4.84	40.14
1970	*****	*****	0.77	0.77	0.77	0.77	0.88	1.60	2.94	3.45	16.77
1971	*****	*****	0.42	0.45	0.44	0.64	0.97	1.45	2.00	2.56	16.97
1972	*****	*****	0.17	0.30	0.50	0.68	0.78	0.99	1.23	1.58	9.83
1973	*****	*****	0.24	0.30	0.38	0.60	0.77	1.21	1.53	1.86	21.21
1974	*****	*****	0.23	0.40	0.48	0.64	0.90	1.32	2.12	2.85	20.55

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUF										
C10 6896 0	PINE FLAT DAM	615	02	13S	24E	A	M	36.832	119.324	FRESNO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.27	0.38	0.50	0.68	0.85	1.22	1.72	2.38	18.08
5	0.0	0.0	0.40	0.56	0.73	1.00	1.25	1.79	2.53	3.50	24.53
10	0.0	0.0	0.49	0.68	0.89	1.21	1.51	2.17	3.06	4.24	28.61
20	0.0	0.0	0.57	0.80	1.04	1.41	1.76	2.53	3.57	4.94	32.37
25	0.0	0.0	0.59	0.83	1.08	1.48	1.84	2.64	3.73	5.16	33.53
40	0.0	0.0	0.65	0.91	1.18	1.61	2.00	2.87	4.06	5.62	35.92
50	0.0	0.0	0.67	0.94	1.22	1.67	2.08	2.98	4.21	5.83	37.03
100	0.0	0.0	0.75	1.04	1.36	1.86	2.31	3.31	4.68	6.48	40.39
200	0.0	0.0	0.82	1.15	1.50	2.04	2.54	3.64	5.15	7.12	43.65
1000	0.0	0.0	0.99	1.38	1.80	2.45	3.06	4.38	6.20	8.57	50.95
10000	0.0	0.0	1.22	1.71	2.22	3.03	3.78	5.41	7.65	10.59	60.93
PMP	0.0	0.0	2.37	3.32	4.33	5.90	7.35	10.54	14.90	20.61	124.23
MEAN	0.0	0.0	0.203	0.425	0.553	0.754	0.940	1.346	1.904	2.634	19.231
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	2.015	1.231	0.529	0.502	0.731	0.480	0.098	0.704	1.113
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.555 ; INTERCEPT (TIME=1 HOUR) =0.565 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.02936 ; AVERAGE CALC CV / USED CV = 0.62

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	8.757	4.503	3.037	2.811	4.002	2.884	2.461	3.411	4.457
N	0	0	22	22	22	22	22	22	22	22	24
RECORD YEAR	0	0	1970	1957	1957	1969	1969	1969	1970	1969	1969
RECORD MAXIMUM	0.0	0.0	0.770	0.780	0.900	1.020	1.370	2.110	2.940	4.840	40.140
NORMALIZED MAX	0.0	0.0	3.417	2.625	2.290	2.061	2.632	2.153	1.670	2.134	2.736
CALC. COEF. VAR	0.0	0.0	0.451	0.345	0.274	0.171	0.174	0.263	0.326	0.392	0.397
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0	0.0	0.0158	0.0221	0.0288	0.0392	0.0489	0.0700	0.0990	0.1370	1.0000
RP10/A	0.0	0.0	0.0254	0.0355	0.0463	0.0631	0.0786	0.1127	0.1593	0.2204	1.4879
RP25/A	0.0	0.0	0.0309	0.0433	0.0564	0.0768	0.0957	0.1372	0.1939	0.2684	1.7435
RP50/A	0.0	0.0	0.0349	0.0489	0.0637	0.0868	0.1081	0.1550	0.2191	0.3032	1.9253
RP100/A	0.0	0.0	0.0388	0.0543	0.0708	0.0965	0.1202	0.1723	0.2436	0.3371	2.1002
RP1000/A	0.0	0.0	0.0513	0.0719	0.0936	0.1276	0.1590	0.2279	0.3222	0.4458	2.6493
RP10000/A	0.0	0.0	0.0634	0.0888	0.1157	0.1577	0.1965	0.2815	0.3980	0.5508	3.1683
PMP/A	0.0	0.0	0.1234	0.1727	0.2251	0.3068	0.3823	0.5478	0.7746	1.0718	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
C70 670B 0	PARKFIELD 8 NNW	2640	08	22S	14E		M	36.017	120.483	FRESNO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	0.19	0.36	0.62	1.05	1.49	2.26	3.44	3.60	******
1941	*****	*****	0.28	0.35	0.65	0.87	0.95	1.05	1.26	2.26	******
1942	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	******
1943	*****	*****	0.16	0.32	0.50	0.81	1.11	1.61	1.99	2.84	7.89
1944	0.06	0.09	0.13	0.20	0.21	0.30	0.39	0.47	0.59	0.66	8.01
1945	0.07	0.14	0.18	0.27	0.53	0.73	0.75	0.88	0.90	1.33	10.01
1946	0.16	0.18	0.20	0.25	0.34	0.39	0.41	0.63	0.65	0.75	8.11
1947	0.10	0.13	0.17	0.20	0.21	0.31	0.36	0.36	0.36	0.58	4.52
1948	0.17	0.25	0.26	0.35	0.41	0.45	0.52	0.52	0.75	0.79	7.48
1949	0.03	0.06	0.07	0.10	0.20	0.37	0.47	0.57	0.76	0.97	******
1950	0.08	0.09	0.10	0.12	0.18	0.31	0.47	0.85	1.17	1.22	6.81
1951	0.06	0.11	0.15	0.25	0.38	0.51	0.51	0.55	0.68	1.17	7.86
1952	0.15	0.21	0.25	0.30	0.42	0.81	1.09	1.39	1.73	1.84	16.50
1953	0.05	0.10	0.15	0.28	0.56	0.94	1.34	2.00	2.34	2.37	7.68
1954	0.14	0.19	0.20	0.30	0.40	0.75	0.88	1.34	2.05	2.41	19.65
1955	0.09	0.15	0.23	0.40	0.68	0.89	1.23	2.17	2.49	3.79	26.04
1956	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	9.77
1957	0.10	0.19	0.23	0.39	0.60	1.10	1.31	1.59	1.99	2.55	23.54

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
C70 670B 0	PARKFIELD 8 NNW	2640	08	22S	14E		M	36.017	120.483	FRESNO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.09	0.13	0.17	0.26	0.40	0.61	0.76	1.05	1.33	1.68	10.97
5	0.12	0.18	0.23	0.35	0.55	0.84	1.05	1.45	1.83	2.31	15.08
10	0.14	0.22	0.28	0.42	0.65	1.00	1.25	1.71	2.17	2.74	17.68
20	0.17	0.25	0.32	0.48	0.74	1.14	1.43	1.97	2.49	3.14	20.07
25	0.17	0.26	0.33	0.50	0.77	1.19	1.49	2.04	2.59	3.26	20.81
40	0.19	0.28	0.36	0.54	0.83	1.28	1.61	2.21	2.79	3.52	22.34
50	0.19	0.29	0.37	0.56	0.86	1.33	1.66	2.28	2.89	3.65	23.04
100	0.21	0.32	0.41	0.61	0.95	1.46	1.83	2.52	3.19	4.02	25.18
200	0.23	0.35	0.44	0.67	1.04	1.59	2.00	2.75	3.48	4.38	27.26
1000	0.28	0.42	0.53	0.79	1.23	1.90	2.38	3.26	4.13	5.21	31.91
10000	0.34	0.51	0.64	0.97	1.51	2.31	2.90	3.99	5.05	6.37	38.27
PMP	0.64	0.97	1.22	1.84	2.86	4.39	5.51	7.57	9.58	12.09	78.60
MEAN	0.096	0.145	0.184	0.277	0.431	0.662	0.830	1.140	1.443	1.821	11.705
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.416	0.301	-0.224	-0.634	-0.144	-0.000	0.274	0.519	0.775	0.548	1.237
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.395 ; INTERCEPT (TIME=1 HOUR) =0.429 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.03666 ; AVERAGE CALC CV / USED CV = 1.06

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	2.602	2.970	3.160	3.308	2.294	2.043	2.058	2.464	3.483	2.715	3.758
N	13	13	16	16	16	16	16	16	16	16	14
RECORD YEAR	1948	1948	1941	1955	1955	1957	1940	1940	1940	1955	1955
RECORD MAXIMUM	0.170	0.250	0.280	0.400	0.680	1.100	1.490	2.260	3.440	3.790	26.040
NORMILIZED MAX	1.627	1.876	1.653	1.383	1.470	1.564	1.684	1.754	2.297	1.889	2.103
CALC. COEF. VAR	0.472	0.384	0.314	0.319	0.394	0.423	0.472	0.560	0.602	0.573	0.582
REGN. COEF. VAR	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.381
USED COEF. VAR	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.381
MEAN/A	0.0082	0.0124	0.0158	0.0237	0.0368	0.0565	0.0709	0.0974	0.1233	0.1555	1.0000
RP10/A	0.0124	0.0187	0.0237	0.0356	0.0553	0.0850	0.1066	0.1464	0.1854	0.2339	1.5107
RP25/A	0.0147	0.0223	0.0282	0.0425	0.0660	0.1014	0.1271	0.1746	0.2210	0.2788	1.7783
RP50/A	0.0165	0.0249	0.0315	0.0475	0.0737	0.1132	0.1420	0.1950	0.2469	0.3115	1.9685
RP100/A	0.0181	0.0274	0.0348	0.0523	0.0812	0.1248	0.1565	0.2150	0.2721	0.3433	2.1516
RP1000/A	0.0235	0.0356	0.0451	0.0679	0.1053	0.1619	0.2030	0.2789	0.3530	0.4454	2.7264
RP10000/A	0.0287	0.0434	0.0551	0.0829	0.1286	0.1977	0.2479	0.3405	0.4311	0.5439	3.2696
PMP/A	0.0545	0.0825	0.1046	0.1574	0.2443	0.3755	0.4708	0.6467	0.8187	1.0328	6.7150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. PSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A30 P587 0	STONY GORGE RESERVOIR	770	16	20N	06W		M	39.583	122.533	GLENN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.16	0.25	0.29	0.41	0.61	0.91	1.09	1.32	2.08	2.23	******
1941	0.14	0.20	0.28	0.38	0.47	0.67	0.73	1.43	1.57	2.19	40.29
1942	0.18	0.23	0.24	0.34	0.38	0.45	0.63	1.09	1.68	1.97	22.02
1943	0.09	0.18	0.23	0.29	0.42	0.52	0.65	1.04	1.52	2.12	15.06
1944	0.07	0.11	0.14	0.15	0.20	0.38	0.51	1.09	1.67	2.20	16.53
1945	0.20	0.29	0.39	0.49	0.54	0.54	0.61	0.95	1.43	2.16	21.16
1946	0.09	0.14	0.17	0.26	0.30	0.51	0.77	1.27	1.50	1.62	9.49
1947	0.05	0.08	0.10	0.16	0.27	0.45	0.69	1.00	1.51	1.57	12.52
1948	0.04	0.05	0.08	0.16	0.30	0.44	0.61	1.00	1.06	1.90	17.71
1949	0.20	0.24	0.29	0.37	0.41	0.52	0.61	1.10	1.56	2.27	17.51
1950	0.10	0.13	0.17	0.25	0.45	0.84	1.07	1.38	1.49	2.57	19.95
1951	0.06	0.08	0.10	0.18	0.35	0.61	0.74	1.06	1.50	1.91	16.33
1952	0.15	0.19	0.21	0.31	0.40	0.74	1.02	1.53	2.10	2.43	29.59
1953	0.18	0.21	0.24	0.37	0.48	0.68	0.97	1.50	1.89	2.20	11.08
1954	0.30	0.34	0.52	0.73	0.73	0.76	0.76	1.04	1.50	2.63	23.91
1955	0.04	0.06	0.07	0.12	0.25	0.44	0.66	1.14	1.50	2.98	18.09
1956	0.03	0.05	0.08	0.14	0.28	0.40	0.50	0.66	1.04	1.21	13.22
1957	0.22	0.23	0.24	0.25	0.35	0.56	0.79	1.34	1.88	2.85	21.78
1958	0.12	0.22	0.26	0.31	0.39	0.73	1.10	1.87	2.81	3.00	30.90
1959	0.14	0.19	0.22	0.34	0.42	0.56	0.80	1.41	2.48	2.97	15.09
1960	0.06	0.12	0.18	0.30	0.45	0.73	0.99	1.59	2.15	2.60	20.33
1961	0.04	0.08	0.10	0.19	0.28	0.49	0.68	1.09	1.88	2.31	13.75
1962	0.13	0.21	0.23	0.28	0.34	0.43	0.54	0.99	1.43	1.93	16.92
1963	0.04	0.06	0.09	0.18	0.29	0.44	0.63	1.01	1.37	2.11	19.87
1964	0.07	0.10	0.14	0.22	0.35	0.55	0.76	0.98	1.48	2.28	14.49
1965	0.04	0.07	0.11	0.20	0.24	0.31	0.38	0.73	1.35	2.04	17.92
1966	0.07	0.12	0.16	0.25	0.48	0.81	1.06	1.26	1.56	1.98	14.28
1967	0.14	0.28	0.40	0.46	0.46	0.53	0.66	0.96	1.38	1.71	20.24
1968	0.30	0.36	0.38	0.40	0.46	0.62	0.77	1.03	1.24	1.88	22.08
1969	0.03	0.06	0.10	0.18	0.30	0.45	0.68	0.89	1.40	1.70	22.53
1970	0.03	0.05	0.07	0.14	0.28	0.50	0.67	0.95	1.63	2.31	23.26
1971	0.02	0.04	0.06	0.11	0.20	0.37	0.50	0.76	1.13	1.31	11.84
1972	0.16	0.30	0.34	0.61	0.82	1.01	1.18	1.47	1.56	2.01	13.93
1973	*****	*****	*****	*****	0.39	0.45	0.62	1.00	1.30	2.00	27.26
1974	*****	*****	*****	*****	0.30	0.53	0.83	1.26	1.54	2.29	15.66

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. PSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A30 P587 0	STONY GORGE RESERVOIR	770	16	20N	06W		M	39.583	122.533	GLENN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.10	0.15	0.19	0.27	0.36	0.53	0.70	1.07	1.49	2.00	18.63
5	0.14	0.21	0.26	0.38	0.51	0.74	0.98	1.49	2.09	2.80	24.21
10	0.17	0.25	0.31	0.45	0.60	0.88	1.16	1.77	2.47	3.32	27.37
20	0.20	0.28	0.36	0.51	0.69	1.00	1.32	2.02	2.83	3.80	30.12
25	0.20	0.30	0.37	0.53	0.71	1.04	1.37	2.10	2.94	3.95	30.94
40	0.21	0.30	0.38	0.54	0.73	1.06	1.40	2.14	2.99	4.02	32.59
50	0.23	0.33	0.41	0.59	0.80	1.16	1.53	2.34	3.27	4.40	33.35
100	0.25	0.36	0.45	0.65	0.87	1.28	1.68	2.58	3.60	4.84	35.59
200	0.27	0.39	0.49	0.71	0.95	1.39	1.83	2.80	3.92	5.26	37.69
1000	0.32	0.46	0.58	0.83	1.12	1.64	2.16	3.31	4.62	6.21	42.23
10000	0.39	0.56	0.71	1.01	1.36	1.99	2.62	4.01	5.60	7.53	48.11
PMP	0.78	1.14	1.43	2.04	2.75	4.01	5.29	8.09	11.30	15.18	113.90
MEAN	0.111	0.161	0.202	0.289	0.390	0.569	0.750	1.148	1.604	2.155	19.047
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.885	0.431	0.859	1.266	1.326	0.909	0.588	0.605	1.402	0.104	1.341
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.480 ; INTERCEPT (TIME=1 HOUR) =0.408 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.02140 ; AVERAGE CALC CV / USED CV = 1.14

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.425	2.327	3.586	5.093	5.528	3.544	2.849	3.480	5.777	3.321	5.925
N	33	33	33	33	35	35	35	35	35	35	34
RECORD YEAR	1954	1968	1954	1954	1972	1972	1972	1958	1958	1958	1941
RECORD MAXIMUM	0.300	0.360	0.520	0.730	0.820	1.010	1.180	1.870	2.810	3.000	40.290
NORMALIZED MAX	2.458	2.131	2.782	3.118	3.166	2.697	2.175	2.752	3.252	1.956	3.377
CALC. COEF. VAR	0.690	0.579	0.564	0.489	0.349	0.287	0.263	0.228	0.231	0.200	0.330
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0058	0.0085	0.0106	0.0152	0.0205	0.0299	0.0394	0.0603	0.0842	0.1132	1.0000
RP10/A	0.0090	0.0130	0.0164	0.0234	0.0315	0.0461	0.0607	0.0929	0.1297	0.1743	1.4371
RP25/A	0.0107	0.0155	0.0195	0.0278	0.0375	0.0548	0.0722	0.1105	0.1543	0.2076	1.6243
RP50/A	0.0119	0.0173	0.0217	0.0310	0.0418	0.0610	0.0804	0.1231	0.1719	0.2310	1.7508
RP100/A	0.0131	0.0190	0.0238	0.0341	0.0459	0.0671	0.0884	0.1353	0.1890	0.2539	1.8683
RP1000/A	0.0168	0.0244	0.0306	0.0438	0.0590	0.0862	0.1136	0.1738	0.2428	0.3263	2.2171
RP10000/A	0.0204	0.0296	0.0371	0.0530	0.0715	0.1044	0.1376	0.2106	0.2941	0.3952	2.5262
PMP/A	0.0411	0.0596	0.0749	0.1069	0.1441	0.2106	0.2775	0.4247	0.5933	0.7972	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E40 4082 0	HOOPA	350	25	OBN	04E	H	41.050	123.667	HUMBOLDT

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	0.48	0.60	0.65	0.72	0.73	0.77	1.05	1.93	3.11	5.10	50.53
1942	0.17	0.19	0.20	0.24	0.35	0.66	1.19	1.47	1.93	2.67	61.72
1943	0.09	0.12	0.15	0.27	0.49	0.92	1.25	2.11	3.58	5.98	61.77
1944	*****	*****	0.19	0.27	0.39	0.76	0.96	1.76	1.51	2.32	45.92
1945	*****	*****	0.65	0.73	0.74	0.77	1.04	1.78	2.93	3.96	66.34
1946	*****	*****	0.25	0.36	0.62	1.03	1.37	1.92	2.32	3.46	33.96
1947	*****	*****	0.14	0.21	0.35	0.68	0.55	1.39	1.88	3.09	34.70
1948	*****	*****	0.21	0.28	0.42	0.67	0.78	1.38	2.22	3.42	58.64
1949	*****	*****	0.15	0.28	0.52	0.73	0.90	1.37	1.53	2.05	33.80
1950	*****	*****	0.20	0.30	0.45	0.75	1.00	1.90	3.43	5.18	72.50
1951	*****	*****	0.18	0.28	0.54	0.66	0.89	1.55	2.35	3.86	63.06
1952	*****	*****	0.13	0.23	0.38	0.70	0.81	1.44	2.23	3.62	57.51
1953	*****	*****	0.17	0.30	0.52	0.67	0.91	1.81	3.12	5.56	65.86
1954	*****	*****	0.20	0.31	0.50	0.75	1.00	1.55	2.83	4.08	58.66
1955	*****	*****	0.15	0.22	0.29	0.51	0.58	0.96	1.58	2.27	55.70
1956	*****	*****	0.19	0.31	0.47	0.80	1.12	1.75	2.71	3.62	52.98
1957	*****	*****	0.20	0.30	0.44	0.66	1.02	1.66	2.74	4.41	61.58
1958	*****	*****	0.17	0.25	0.45	0.78	0.93	1.40	1.94	3.12	61.53
1959	*****	*****	0.14	0.27	0.40	0.73	1.05	1.78	3.04	3.92	39.15
1960	*****	*****	0.27	0.44	0.63	1.01	1.22	2.10	3.30	4.64	61.25
1961	*****	*****	0.20	0.30	0.45	0.75	0.78	1.41	2.15	2.35	53.96
1962	*****	*****	0.17	0.31	0.57	1.06	1.40	2.04	2.92	3.97	54.61
1963	*****	*****	0.20	0.32	0.40	0.75	1.09	1.91	2.70	3.84	55.61
1964	*****	*****	0.22	0.41	0.70	1.25	1.80	3.45	6.45	10.63	72.16
1965	*****	*****	0.20	0.27	0.34	0.56	0.77	1.19	1.85	2.03	39.27
1966	*****	*****	0.28	0.41	0.44	0.63	0.90	1.46	2.95	4.96	54.47
1967	*****	*****	0.14	0.24	0.40	0.75	0.90	1.39	2.31	3.00	45.55
1968	*****	*****	0.19	0.37	0.54	0.86	1.12	1.80	2.48	3.60	60.31
1969	*****	*****	0.19	0.25	0.41	0.76	0.97	1.53	2.33	3.73	54.12
1970	*****	*****	0.60	0.65	0.75	0.97	1.30	2.22	3.12	4.13	71.19
1971	*****	*****	0.17	0.22	0.40	0.68	0.81	1.33	2.00	2.78	59.65
1972	*****	*****	0.20	0.31	0.41	0.71	0.83	1.55	2.90	3.87	56.63
1973	*****	*****	*****	*****	0.41	0.70	1.00	1.50	2.46	3.46	71.97

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E40 4082 0	HOOPA	350	25	OBN	04E	H	41.050	123.667	HUMBOLDT

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.23	0.28	0.21	0.31	0.51	0.77	0.99	1.61	2.49	3.66	54.37
5	0.31	0.38	0.28	0.42	0.69	1.04	1.34	2.16	3.36	4.93	67.46
10	0.36	0.45	0.33	0.49	0.81	1.21	1.56	2.52	3.91	5.74	74.89
20	0.41	0.50	0.37	0.55	0.91	1.37	1.76	2.85	4.43	6.50	81.32
25	0.43	0.52	0.39	0.57	0.95	1.42	1.83	2.96	4.59	6.74	83.25
40	0.43	0.53	0.39	0.58	0.96	1.44	1.86	3.01	4.67	6.85	87.13
50	0.47	0.58	0.43	0.63	1.05	1.57	2.02	3.27	5.07	7.45	88.90
100	0.51	0.63	0.47	0.69	1.14	1.71	2.21	3.57	5.54	8.14	94.15
200	0.56	0.68	0.50	0.75	1.24	1.85	2.39	3.86	6.00	8.81	99.10
1000	0.65	0.80	0.59	0.88	1.45	2.17	2.80	4.53	7.02	10.31	109.74
10000	0.78	0.96	0.71	1.05	1.74	2.61	3.36	5.43	8.43	12.38	123.55
PMP	1.55	1.90	1.40	2.08	3.44	5.15	6.63	10.74	16.66	24.46	277.87
MEAN	0.247	0.303	0.223	0.332	0.549	0.822	1.059	1.714	2.660	3.905	55.353
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	2.726	2.141	0.919	1.247	1.245	2.133	2.494	2.604	-0.470
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.570 ; INTERCEPT (TIME=1 HOUR) =0.567 ; COEFFICIENT OF DETERMINATION = 0.926
1HR INTERCEPT / MEAN YR =0.01025 ; AVERAGE CALC CV / USED CV = 1.35

KURTOSIS	0.0	0.0	10.160	7.213	3.298	5.177	6.078	10.959	13.216	13.364	2.816
N	3	3	32	32	33	33	33	33	33	33	33
RECORD YEAR	1941	1941	1941	1945	1970	1964	1964	1964	1964	1964	1950
RECORD MAXIMUM	0.480	0.600	0.650	0.730	0.750	1.250	1.800	3.450	6.450	10.630	72.500
NORMILIZED MAX	1.133	1.144	3.543	2.996	1.453	2.591	3.080	3.942	4.250	4.330	1.555
CALC. COEF. VAR	0.835	0.855	0.539	0.400	0.252	0.201	0.227	0.257	0.335	0.398	0.199
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0045	0.0055	0.0040	0.0060	0.0099	0.0148	0.0191	0.0310	0.0480	0.0705	1.0000
RP10/A	0.0066	0.0081	0.0059	0.0088	0.0146	0.0218	0.0281	0.0455	0.0707	0.1037	1.3529
RP25/A	0.0077	0.0095	0.0070	0.0104	0.0171	0.0256	0.0330	0.0534	0.0829	0.1217	1.5039
RP50/A	0.0085	0.0105	0.0077	0.0114	0.0189	0.0283	0.0365	0.0591	0.0916	0.1345	1.6060
RP100/A	0.0093	0.0114	0.0084	0.0125	0.0207	0.0309	0.0398	0.0645	0.1001	0.1470	1.7009
RP1000/A	0.0118	0.0145	0.0107	0.0158	0.0262	0.0392	0.0505	0.0818	0.1269	0.1863	1.9825
RP10000/A	0.0141	0.0174	0.0128	0.0190	0.0315	0.0471	0.0606	0.0982	0.1524	0.2237	2.2320
PMP/A	0.0279	0.0343	0.0253	0.0376	0.0622	0.0930	0.1198	0.1940	0.3010	0.4420	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	DMM	LATITUDE	LONGITUDE	COUNTY
860 2907 0	EUREKA NWS	43	22	05N	01W		H	40.800	124.167	HUMBOLDT

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
YEAR											
1904	*****	*****	*****	*****	0.49	0.78	0.99	1.58	2.46	3.54	64.47
1905	0.12	0.23	0.26	0.35	0.45	0.68	0.98	1.43	1.72	1.74	25.52
1906	0.11	0.17	0.23	0.34	0.45	0.76	0.94	1.34	1.51	1.99	41.06
1907	0.15	0.16	0.24	0.37	0.54	0.84	1.04	1.84	2.77	4.19	54.11
1908	0.11	0.15	0.17	0.32	0.58	1.01	1.28	2.30	3.26	3.61	33.40
1909	0.11	0.17	0.22	0.36	0.55	0.78	0.93	1.81	2.70	4.02	51.64
1910	0.12	0.18	0.22	0.29	0.49	0.65	0.68	1.02	1.55	2.63	29.65
1911	0.14	0.18	0.19	0.22	0.30	0.51	0.75	1.31	1.50	1.96	29.85
1912	0.13	0.23	0.26	0.31	0.47	0.75	0.96	1.50	2.77	4.42	46.59
1913	0.19	0.24	0.25	0.28	0.35	0.56	0.66	1.04	1.82	2.62	33.80
1914	0.14	0.21	0.24	0.27	0.40	0.56	0.81	1.55	2.02	2.53	37.91
1915	0.15	0.27	0.38	0.63	0.92	1.22	1.40	2.01	2.92	4.06	39.79
1916	0.09	0.12	0.15	0.23	0.35	0.57	0.78	1.08	1.62	1.92	38.40
1917	0.13	0.17	0.21	0.25	0.44	0.59	0.69	1.21	1.68	2.23	28.73
1918	0.09	0.12	0.16	0.27	0.32	0.51	0.68	0.94	1.68	1.83	27.94
1919	0.10	0.15	0.19	0.23	0.37	0.58	0.83	1.47	2.45	3.37	37.02
1920	0.11	0.17	0.23	0.37	0.44	0.75	0.90	1.14	1.47	2.42	39.29
1921	0.17	0.21	0.30	0.44	0.58	0.76	0.88	1.31	2.37	3.22	36.93
1922	0.15	0.24	0.34	0.45	0.53	0.84	1.04	1.58	2.32	2.98	36.92
1923	0.11	0.14	0.18	0.28	0.41	0.65	0.75	0.93	1.28	1.51	22.39
1924	0.15	0.23	0.33	0.37	0.42	0.60	0.80	1.32	2.40	3.27	27.53
1925	0.12	0.20	0.26	0.44	0.54	0.68	0.86	1.35	1.98	2.34	36.07
1926	0.21	0.33	0.51	0.59	0.76	1.19	1.57	2.70	3.35	4.55	38.06
1927	0.17	0.22	0.25	0.34	0.51	0.70	0.86	1.17	1.68	3.12	37.03
1928	0.17	0.18	0.22	0.32	0.52	0.79	0.91	1.62	2.17	2.61	35.25
1929	0.13	0.22	0.29	0.33	0.28	0.52	0.70	1.05	1.70	2.03	21.17
1930	0.14	0.22	0.24	0.33	0.45	0.76	0.96	1.06	1.42	1.59	24.21
1931	0.29	0.37	0.41	0.45	0.60	0.78	0.88	1.19	1.58	2.16	30.91
1932	0.12	0.19	0.24	0.34	0.41	0.49	0.66	1.09	1.53	2.05	31.12
1933	0.11	0.15	0.17	0.23	0.35	0.50	0.65	1.06	1.24	1.61	32.43
1934	0.18	0.30	0.36	0.50	0.57	0.82	1.30	2.14	2.42	2.54	31.32
1935	0.19	0.30	0.36	0.49	0.72	0.87	0.97	1.48	2.45	2.98	33.79
1936	0.13	0.23	0.29	0.44	0.63	0.86	0.92	1.07	1.33	1.78	26.80
1937	0.21	0.30	0.31	0.32	0.47	0.75	0.92	1.63	2.16	2.38	45.47
1938	0.27	0.34	0.35	0.40	0.55	0.79	1.02	1.52	2.16	3.64	50.91
1939	0.23	0.27	0.31	0.38	0.68	1.30	1.79	2.73	3.67	4.17	31.91
1940	0.20	0.32	0.37	0.68	0.59	0.95	1.13	1.40	1.96	2.51	41.46
1941	0.20	0.26	0.30	0.42	0.63	1.04	1.34	1.93	2.60	2.92	52.12
1942	0.15	0.17	0.19	0.23	0.35	0.53	0.74	1.05	1.21	2.11	40.64
1943	0.13	0.19	0.27	0.38	0.47	0.58	0.73	1.20	1.68	2.23	32.65
1944	0.16	0.26	0.37	0.51	0.70	0.93	1.09	1.46	2.01	2.38	36.02
1945	0.26	0.33	0.36	0.42	0.68	1.09	1.42	2.35	3.46	4.20	48.89
1946	0.07	0.11	0.16	0.21	0.35	0.60	0.71	0.96	1.28	1.89	24.70
1947	0.14	0.21	0.27	0.49	0.82	0.93	0.97	1.13	1.66	2.01	25.96
1948	0.13	0.20	0.24	0.35	0.58	0.89	1.14	1.56	1.91	2.70	45.01
1949	0.08	0.15	0.18	0.30	0.41	0.53	0.60	1.03	1.83	2.34	18.12
1950	0.21	0.31	0.38	0.71	1.20	1.72	2.41	3.33	4.37	5.83	53.30
1951	0.16	0.28	0.34	0.41	0.56	1.02	1.44	2.10	2.68	3.82	45.04
1952	0.28	0.37	0.49	0.76	1.18	1.35	1.51	1.84	2.35	2.93	41.12
1953	0.22	0.29	0.33	0.41	0.52	0.68	0.89	1.64	2.71	2.85	50.32
1954	0.18	0.27	0.40	0.60	0.76	0.85	0.86	1.17	1.94	3.03	42.70
1955	0.15	0.18	0.20	0.32	0.50	0.66	0.81	1.05	1.58	2.38	36.51
1956	0.15	0.21	0.25	0.35	0.52	0.73	0.87	1.12	1.39	2.22	38.47
1957	0.20	0.27	0.31	0.42	0.61	1.08	1.19	1.61	1.89	2.24	40.89
1958	0.13	0.21	0.25	0.36	0.61	0.91	0.97	1.27	1.65	2.25	40.87
1959	0.15	0.16	0.18	0.33	0.58	0.93	1.20	2.12	3.52	4.88	29.14
1960	0.14	0.24	0.31	0.43	0.61	0.97	1.16	1.61	2.16	2.32	44.78
1961	0.12	0.17	0.21	0.30	0.47	0.66	0.89	1.46	1.93	2.58	40.16
1962	0.13	0.24	0.34	0.45	0.66	1.00	1.19	1.47	1.91	2.90	35.18
1963	0.16	0.19	0.21	0.25	0.32	0.57	0.84	1.29	2.36	2.56	41.85
1964	0.13	0.18	0.21	0.31	0.47	0.86	1.08	1.46	2.16	2.67	47.04
1965	0.13	0.17	0.21	0.30	0.42	0.58	0.83	1.32	1.63	2.03	26.28
1966	0.24	0.33	0.36	0.45	0.73	1.03	1.25	1.45	1.95	2.62	40.31
1967	0.22	0.25	0.27	0.32	0.58	1.00	1.25	1.79	2.17	2.17	37.12
1968	0.13	0.25	0.34	0.46	0.57	0.80	0.88	1.13	1.64	2.34	35.64
1569	0.16	0.27	0.31	0.48	0.69	0.77	0.88	1.30	2.09	3.18	44.57
1970	0.18	0.28	0.34	0.38	0.65	1.02	1.15	1.77	2.08	2.65	47.39
1971	0.13	0.24	0.32	0.43	0.49	0.60	0.69	0.87	1.26	2.35	38.76
1972	0.10	0.16	0.21	0.34	0.56	0.78	1.11	1.39	2.24	2.60	39.17
1973	0.24	0.34	0.41	0.55	0.73	0.87	0.96	1.14	1.53	1.89	49.02
1974	0.16	0.16	0.21	0.29	0.47	0.72	0.88	1.40	1.91	2.97	34.22
1975	0.11	0.17	0.18	0.26	0.41	0.70	0.96	1.70	2.64	4.02	40.78

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
660 2907 0	EUREKA NWS	43	22	06N	01W		H	40.800	124.167	HUMBOLDT

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	6-YR
2	0.15	0.21	0.26	0.36	0.51	0.75	0.93	1.39	1.95	2.60	37.04
5	0.20	0.28	0.35	0.48	0.69	1.01	1.26	1.87	2.63	3.51	45.97
10	0.23	0.33	0.41	0.56	0.81	1.18	1.46	2.17	3.06	4.06	51.03
20	0.26	0.37	0.46	0.63	0.91	1.33	1.66	2.46	3.46	4.63	55.41
25	0.27	0.39	0.48	0.66	0.95	1.38	1.72	2.55	3.59	4.80	56.72
40	0.27	0.39	0.48	0.67	0.96	1.41	1.75	2.59	3.65	4.88	59.37
50	0.30	0.43	0.53	0.73	1.05	1.53	1.90	2.82	3.97	5.30	60.57
100	0.32	0.47	0.58	0.79	1.14	1.67	2.08	3.08	4.34	5.79	64.15
200	0.35	0.51	0.62	0.86	1.24	1.81	2.25	3.33	4.69	6.27	67.52
1000	0.41	0.59	0.73	1.01	1.45	2.12	2.63	3.90	5.50	7.34	74.77
10000	0.49	0.71	0.88	1.21	1.74	2.54	3.16	4.69	6.60	8.82	84.18
PMP	0.98	1.41	1.73	2.39	3.44	5.02	6.24	9.26	13.04	17.47	189.34
MEAN	0.156	0.225	0.276	0.381	0.549	0.801	0.996	1.478	2.081	2.780	37.716
FLOOR HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.885	0.454	0.617	1.098	1.649	1.272	2.013	1.612	1.162	1.122	0.268
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.486 ; INTERCEPT (TIME=1 HOUR) =0.558 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.014480 ; AVERAGE CALC CV / USED CV = 0.84

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	6-YR
KURTOSIS	3.502	2.508	3.146	4.728	7.542	5.886	9.684	6.535	4.656	4.251	3.369
N	71	71	71	71	72	72	72	72	72	72	72
RECORD YEAR	1931	1931	1926	1952	1950	1950	1950	1950	1950	1950	1904
RECORD MAXIMUM	0.290	0.370	0.510	0.760	1.200	1.720	2.410	3.330	4.370	5.830	64.470
NORMILIZED MAX	2.776	2.295	2.932	3.402	3.886	4.053	4.702	4.042	3.563	3.507	3.055
CALC. COEF. VAR	0.310	0.282	0.288	0.293	0.305	0.283	0.296	0.310	0.309	0.313	0.232
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0041	0.0060	0.0073	0.0101	0.0145	0.0212	0.0264	0.0392	0.0552	0.0737	1.0000
RP10/A	0.0061	0.0088	0.0108	0.0149	0.0214	0.0312	0.0388	0.0576	0.0812	0.1084	1.3529
RP25/A	0.0071	0.0103	0.0126	0.0174	0.0251	0.0366	0.0456	0.0676	0.0952	0.1272	1.5039
RP50/A	0.0079	0.0114	0.0140	0.0193	0.0277	0.0405	0.0504	0.0748	0.1052	0.1406	1.6060
RP100/A	0.0086	0.0124	0.0153	0.0210	0.0303	0.0443	0.0550	0.0817	0.1150	0.1536	1.7009
RP1000/A	0.0109	0.0157	0.0193	0.0267	0.0384	0.0561	0.0697	0.1035	0.1457	0.1946	1.9825
RP10000/A	0.0131	0.0189	0.0232	0.0320	0.0461	0.0673	0.0837	0.1243	0.1750	0.2337	2.2320
PMP/A	0.0250	0.0373	0.0459	0.0633	0.0912	0.1331	0.1655	0.2456	0.3457	0.4618	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F60 4587 0	KNEELAND 10SSE	2356	13	03N	02E		H	40.633	123.900	HUMBOLDT

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1944	0.17	0.22	0.28	0.39	0.50	0.77	0.94	1.56	2.15	2.97	57.93
1945	0.16	0.22	0.28	0.38	0.46	0.79	1.14	1.68	2.60	3.56	72.19
1946	0.09	0.16	0.23	0.36	0.61	0.86	1.09	1.81	2.34	3.02	40.94
1947	0.16	0.32	0.47	0.54	0.60	0.70	0.82	1.09	1.77	2.67	42.06
1948	0.07	0.12	0.16	0.23	0.39	0.76	0.86	1.42	2.38	3.24	65.12
1949	0.14	0.15	0.17	0.34	0.64	1.15	1.58	2.38	2.57	2.57	37.56
1950	0.25	0.29	0.34	0.51	0.62	0.79	1.09	1.75	2.24	2.70	75.33
1951	0.10	0.14	0.16	0.27	0.48	0.82	1.15	2.02	3.18	4.43	73.82
1952	0.12	0.17	0.20	0.37	0.52	0.75	1.05	1.75	2.80	3.85	67.00
1953	0.14	0.22	0.27	0.38	0.59	0.90	1.35	2.42	4.24	6.21	78.41
1954	0.05	0.10	0.15	0.30	0.54	1.02	1.53	2.85	4.46	6.30	61.65
1955	0.08	0.11	0.15	0.30	0.60	1.03	1.51	2.77	4.30	6.39	62.15
1956	0.09	0.18	0.24	0.33	0.50	1.00	1.46	2.24	3.34	4.22	64.85
1957	0.14	0.20	0.25	0.34	0.47	0.76	1.03	1.67	2.82	4.41	73.70
1958	0.19	0.25	0.27	0.40	0.65	0.80	0.97	1.33	1.67	3.19	63.59
1959	0.07	0.12	0.16	0.25	0.45	0.94	1.09	1.89	2.48	3.26	45.06
1960	0.16	0.22	0.33	0.40	0.52	0.76	0.99	1.64	2.98	4.75	64.89
1961	0.10	0.16	0.18	0.25	0.45	0.70	0.79	1.49	2.31	3.35	60.66
1962	0.10	0.12	0.14	0.25	0.50	0.83	0.97	1.76	2.54	2.83	53.83
1963	0.12	0.17	0.19	0.23	0.37	0.66	0.87	1.23	1.83	3.54	62.33
1964	0.21	0.28	0.31	0.36	0.49	0.86	1.16	2.00	3.81	5.40	89.44
1965	0.14	0.25	0.34	0.43	0.54	0.66	0.87	1.22	1.67	2.25	43.21
1966	0.07	0.09	0.11	0.20	0.39	0.62	0.87	1.68	2.37	4.31	55.62
1967	0.13	0.19	0.25	0.27	0.43	0.75	1.01	1.54	2.15	2.31	48.03
1968	0.14	0.20	0.25	0.35	0.40	0.76	0.89	1.22	1.86	2.70	59.41
1969	0.16	0.23	0.27	0.38	0.61	1.06	1.25	1.28	2.22	2.92	60.02
1970	0.16	0.17	0.19	0.28	0.50	0.85	1.22	1.90	2.84	3.46	69.46
1971	0.09	0.14	0.21	0.28	0.38	0.54	0.66	1.32	2.15	3.44	71.10
1972	0.06	0.12	0.18	0.26	0.52	0.99	1.48	2.64	3.22	4.24	61.15
1973	*****	*****	*****	*****	0.49	0.73	0.86	1.20	1.71	2.79	79.66
1974	*****	*****	*****	*****	0.43	0.75	1.08	2.08	2.67	3.74	56.74

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F60 4587 0	KNEELAND 10SSE	2356	13	03N	02E		H	40.633	123.900	HUMBOLDT

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.17	0.22	0.31	0.47	0.76	1.02	1.66	2.47	3.48	60.73
5	0.16	0.23	0.29	0.42	0.64	1.03	1.37	2.23	3.32	4.68	75.36
10	0.19	0.27	0.34	0.49	0.74	1.20	1.59	2.60	3.87	5.46	83.66
20	0.21	0.30	0.39	0.55	0.84	1.36	1.81	2.94	4.39	6.18	90.84
25	0.22	0.32	0.40	0.57	0.87	1.41	1.87	3.05	4.54	6.40	93.00
40	0.22	0.32	0.41	0.58	0.88	1.43	1.90	3.10	4.62	6.51	97.33
50	0.24	0.35	0.44	0.63	0.96	1.55	2.07	3.37	5.02	7.08	99.31
100	0.26	0.38	0.49	0.69	1.05	1.70	2.26	3.68	5.49	7.73	105.18
200	0.28	0.41	0.52	0.75	1.14	1.84	2.45	3.98	5.94	8.37	110.71
1000	0.33	0.48	0.61	0.88	1.33	2.15	2.86	4.67	6.96	9.80	122.59
10000	0.40	0.58	0.74	1.05	1.60	2.58	3.44	5.60	8.35	11.76	138.01
PMP	0.79	1.14	1.45	2.08	3.16	5.10	6.79	11.07	16.51	23.25	310.42
MEAN	0.126	0.183	0.232	0.332	0.504	0.815	1.085	1.767	2.635	3.710	61.836
CLOCK HR. CPR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.531	0.487	0.974	0.674	0.154	0.593	0.619	0.739	0.993	1.108	-0.121
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.403 ; INTERCEPT (TIME=1 HOUR) =0.532 ; COEFFICIENT OF DETERMINATION = 0.993
1HR INTERCEPT / MEAN YR =0.00861 ; AVERAGE CALC CV / USED CV = 0.75

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.436	2.851	4.662	3.642	2.351	3.492	2.861	3.089	3.680	3.808	3.103
N	29	29	29	29	31	31	31	31	31	31	31
RECORD YEAR	1950	1947	1947	1947	1958	1949	1949	1954	1954	1955	1964
RECORD MAXIMUM	0.250	0.320	0.470	0.540	0.650	1.150	1.580	2.850	4.460	6.390	89.440
NORMILIZED MAX	2.612	2.297	3.033	2.549	1.802	2.448	2.063	2.265	2.388	2.356	2.248
CALC. COEF. VAR	0.376	0.327	0.338	0.246	0.160	0.168	0.222	0.271	0.290	0.307	0.199
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0020	0.0030	0.0038	0.0054	0.0082	0.0132	0.0175	0.0286	0.0426	0.0600	1.0000
RP10/A	0.0030	0.0043	0.0055	0.0079	0.0120	0.0194	0.0258	0.0420	0.0627	0.0882	1.3529
RP25/A	0.0035	0.0051	0.0065	0.0093	0.0141	0.0227	0.0303	0.0493	0.0735	0.1035	1.5039
RP50/A	0.0039	0.0056	0.0072	0.0102	0.0156	0.0251	0.0335	0.0545	0.0813	0.1144	1.6060
RP100/A	0.0043	0.0062	0.0078	0.0112	0.0170	0.0275	0.0365	0.0595	0.0888	0.1250	1.7009
RP1000/A	0.0056	0.0078	0.0099	0.0142	0.0215	0.0348	0.0463	0.0755	0.1125	0.1584	1.9825
RP10000/A	0.0065	0.0094	0.0119	0.0170	0.0259	0.0418	0.0556	0.0906	0.1351	0.1903	2.2320
PMP/A	0.0128	0.0185	0.0235	0.0336	0.0511	0.0826	0.1099	0.1790	0.2669	0.3759	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
F60 5713 0	MIRANDA SPENGLER RANCH	400	19	03S	04E		H	40.200	123.767	HUMBOLDT

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.15	0.21	0.25	0.34	0.52	0.90	1.12	1.79	2.98	4.08	******
1941	0.15	0.21	0.25	0.41	0.45	0.84	1.03	1.78	2.97	5.58	79.48
1942	0.09	0.14	0.17	0.34	0.50	0.92	1.15	1.86	2.31	3.08	61.31
1943	0.09	0.15	0.16	0.27	0.48	0.82	1.19	2.08	3.10	4.94	42.91
1944	0.13	0.22	0.28	0.40	0.58	0.81	0.99	1.36	2.05	3.20	51.89
1945	0.21	0.27	0.38	0.37	0.53	0.85	1.19	1.70	2.02	3.44	68.32
1946	0.14	0.21	0.26	0.39	0.61	0.79	1.04	1.65	2.69	3.86	31.87
1947	0.16	0.17	0.18	0.25	0.43	0.75	1.17	1.96	2.86	4.02	36.34
1948	0.10	0.17	0.19	0.24	0.51	0.76	0.99	1.75	2.68	3.35	60.93
1949	*****	*****	*****	*****	0.28	0.50	0.72	1.25	1.98	3.20	37.61
1950	0.13	0.26	0.36	0.49	0.64	0.87	1.06	1.65	2.49	4.17	73.13
1951	0.15	0.17	0.19	0.28	0.45	0.82	1.15	1.99	3.26	4.13	68.14
1952	0.13	0.16	0.20	0.27	0.40	0.65	0.81	1.38	2.05	4.05	63.39
1953	0.18	0.24	0.30	0.41	0.50	0.70	0.95	1.34	1.85	2.92	57.54
1954	0.12	0.14	0.19	0.34	0.63	0.65	0.91	1.64	2.02	3.93	70.84
1955	0.16	0.18	0.25	0.34	0.47	0.74	1.10	2.09	3.67	5.51	55.85
1956	0.10	0.15	0.16	0.27	0.41	0.72	1.00	1.44	2.88	3.66	45.52
1957	0.15	0.25	0.36	0.55	1.01	1.12	1.23	1.45	2.17	3.10	65.05
1958	0.16	0.22	0.31	0.45	0.52	0.75	1.15	1.61	2.26	3.30	68.37
1959	0.11	0.15	0.19	0.28	0.39	0.71	1.02	1.86	2.69	3.90	44.32
1960	0.10	0.12	0.20	0.38	0.47	0.88	1.29	2.21	3.49	4.66	66.01
1961	0.15	0.18	0.20	0.25	0.35	0.60	0.88	1.50	2.76	3.67	49.55
1962	0.11	0.16	0.24	0.41	0.59	0.99	1.34	2.01	2.66	4.11	53.27
1963	0.15	0.21	0.25	0.30	0.43	0.77	1.09	1.98	3.01	4.12	56.33
1964	0.13	0.18	0.23	0.46	0.89	1.38	1.84	3.04	5.52	7.16	58.38
1965	0.15	0.23	0.29	0.43	0.64	1.02	1.20	1.76	2.37	3.23	42.08
1966	0.12	0.14	0.18	0.25	0.45	0.75	1.01	1.80	2.96	5.42	55.01
1967	0.10	0.18	0.24	0.36	0.54	0.83	1.08	1.63	2.34	3.02	52.00
1968	0.07	0.14	0.16	0.28	0.41	0.70	0.96	1.56	2.64	4.67	******
1969	0.20	0.23	0.28	0.43	0.54	0.77	0.95	1.61	2.41	3.46	******
1970	0.20	0.28	0.32	0.36	0.55	0.75	0.99	1.86	2.73	3.75	68.02
1971	0.10	0.19	0.23	0.32	0.62	0.85	0.96	1.64	2.58	3.54	48.67
1972	0.08	0.16	0.24	0.44	0.50	0.82	1.17	1.70	2.52	3.49	51.09
1973	*****	*****	*****	*****	0.70	0.93	1.10	1.66	2.24	3.28	74.29
1974	*****	*****	*****	*****	0.50	0.98	1.28	2.22	4.16	6.76	55.84

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
F60 5713 0	MIRANDA SPENGLER RANCH	400	19	03S	04E		H	40.200	123.767	HUMBOLDT

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.18	0.22	0.33	0.50	0.77	1.02	1.65	2.55	3.82	58.66
5	0.17	0.24	0.30	0.45	0.67	1.03	1.37	2.23	3.44	5.15	69.07
10	0.20	0.28	0.35	0.52	0.78	1.21	1.60	2.60	4.01	6.00	76.66
20	0.22	0.32	0.39	0.59	0.88	1.37	1.81	2.94	4.54	6.79	83.25
25	0.23	0.33	0.41	0.61	0.91	1.41	1.88	3.05	4.70	7.04	85.22
40	0.23	0.33	0.42	0.62	0.93	1.44	1.91	3.10	4.78	7.16	89.20
50	0.25	0.36	0.45	0.68	1.01	1.56	2.07	3.37	5.20	7.78	91.01
100	0.28	0.40	0.49	0.74	1.10	1.71	2.27	3.68	5.68	8.50	96.39
200	0.30	0.43	0.53	0.80	1.19	1.85	2.45	3.98	6.14	9.20	101.45
1000	0.35	0.50	0.63	0.94	1.40	2.17	2.87	4.66	7.19	10.77	112.34
10000	0.42	0.60	0.75	1.13	1.68	2.60	3.45	5.60	8.64	12.93	126.48
PMP	0.84	1.19	1.49	2.22	3.31	5.14	6.81	11.06	17.07	25.55	284.47
MEAN	0.133	0.190	0.237	0.355	0.529	0.820	1.087	1.766	2.725	4.078	56.667
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.342	0.468	0.520	0.383	1.576	1.370	1.738	1.672	2.107	2.010	-0.168
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.414 ; INTERCEPT (TIME=1 HOUR) =0.546 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.00964 ; AVERAGE CALC CV / USED CV = 0.64

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	2.889	2.529	2.812	2.729	7.108	7.373	9.901	8.539	9.650	7.902	2.644
N	32	32	32	32	35	35	35	35	35	35	32
RECORD YEAR	1945	1970	1950	1957	1957	1964	1964	1966	1964	1964	1941
RECORD MAXIMUM	0.210	0.280	0.360	0.550	1.010	1.390	1.880	3.040	5.520	8.160	79.480
NORMALIZED MAX	2.166	2.123	2.186	2.440	3.456	3.623	4.017	3.873	3.983	3.679	1.924
CALC. COEF. VAR	0.265	0.224	0.237	0.225	0.264	0.192	0.172	0.186	0.258	0.272	0.209
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0024	0.0033	0.0042	0.0063	0.0093	0.0145	0.0192	0.0312	0.0481	0.0720	1.0000
RP10/A	0.0035	0.0049	0.0062	0.0092	0.0137	0.0213	0.0282	0.0458	0.0707	0.1058	1.3529
RP25/A	0.0041	0.0058	0.0072	0.0108	0.0161	0.0250	0.0331	0.0538	0.0829	0.1242	1.5039
RP50/A	0.0045	0.0064	0.0080	0.0119	0.0178	0.0276	0.0366	0.0594	0.0917	0.1373	1.6060
RP100/A	0.0049	0.0070	0.0087	0.0131	0.0194	0.0301	0.0400	0.0649	0.1002	0.1499	1.7009
RP1000/A	0.0062	0.0088	0.0111	0.0165	0.0246	0.0382	0.0507	0.0823	0.1270	0.1900	1.9825
RP10000/A	0.0075	0.0106	0.0133	0.0199	0.0296	0.0459	0.0608	0.0988	0.1525	0.2282	2.2320
PMP/A	0.0148	0.0210	0.0262	0.0392	0.0584	0.0907	0.1202	0.1952	0.3013	0.4509	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
X23 2713 0	EL CENTRO 2SSW	-30						32.767	115.567	IMPERIAL

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1942	*****	*****	*****	*****	0.19	0.30	0.35	0.45	0.50	0.51	1.67
1943	*****	*****	*****	*****	0.79	0.98	1.08	1.25	1.47	1.68	3.93
1944	*****	*****	*****	*****	0.33	0.50	0.52	0.62	0.84	0.84	2.78
1945	*****	*****	*****	*****	0.24	0.31	0.36	0.43	0.54	0.59	2.31
1946	*****	*****	*****	*****	1.44	1.60	1.61	1.78	1.79	1.79	2.78
1947	*****	*****	*****	*****	0.22	0.31	0.32	0.33	0.33	0.41	0.59
1948	*****	*****	*****	*****	0.20	0.29	0.39	0.52	0.75	0.84	1.71
1949	*****	*****	*****	*****	0.18	0.35	0.47	0.72	0.88	1.14	2.34
1950	0.02	0.04	0.05	0.10	0.15	0.21	0.31	0.51	0.62	0.68	0.95
1951	0.16	0.28	0.42	0.65	1.05	1.15	1.16	1.35	1.39	1.40	3.74
1952	0.05	0.10	0.15	0.16	0.20	0.24	0.36	0.44	0.57	0.62	2.53
1953	0.01	0.02	0.03	0.05	0.08	0.11	0.16	0.17	0.17	0.17	0.45
1954	0.10	0.10	0.10	0.15	0.17	0.17	0.18	0.23	0.23	0.23	2.04
1955	0.18	0.35	0.46	0.68	0.75	0.80	0.80	0.80	0.80	0.80	3.50
1956	0.02	0.03	0.04	0.05	0.05	0.08	0.09	0.13	0.16	0.18	0.25
1957	0.16	0.21	0.27	0.42	0.73	0.79	0.78	0.79	0.81	0.93	3.69
1958	0.10	0.15	0.17	0.25	0.41	0.66	0.76	0.93	1.02	1.06	2.90
1959	0.10	0.16	0.19	0.31	0.35	0.36	0.40	0.61	0.67	0.67	1.90
1960	0.11	0.14	0.15	0.16	0.16	0.22	0.23	0.26	0.26	0.26	0.87
1961	0.13	0.24	0.27	0.42	0.42	0.45	0.46	0.47	0.61	0.65	1.74
1962	0.03	0.05	0.06	0.10	0.16	0.25	0.36	0.49	0.85	0.86	1.92
1963	0.05	0.10	0.15	0.26	0.38	0.61	0.71	0.94	0.97	0.97	2.12
1964	0.09	0.13	0.14	0.17	0.22	0.22	0.22	0.23	0.23	0.23	0.67
1965	0.19	0.37	0.46	0.50	0.50	0.55	0.56	0.61	0.94	1.07	2.87
1966	0.19	0.22	0.25	0.30	0.32	0.36	0.37	0.59	0.45	0.81	1.50
1967	0.09	0.14	0.17	0.34	0.61	0.86	1.11	1.46	1.48	1.48	4.30
1968	0.03	0.04	0.05	0.10	0.15	0.29	0.38	0.48	0.50	0.50	1.63
1969	0.37	0.47	0.57	0.64	0.64	0.88	1.10	1.80	2.90	3.73	3.55
1970	*****	*****	*****	*****	0.70	0.81	0.91	1.23	1.24	1.24	1.63
1971	0.02	0.03	0.05	0.07	0.12	0.18	0.22	0.22	0.22	0.22	1.00
1972	0.07	0.10	0.14	0.20	0.34	0.56	0.85	1.15	1.15	1.15	1.78
1973	*****	*****	*****	*****	0.10	0.14	0.16	0.16	0.19	0.23	0.95
1974	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.54

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
X23 2713 0	EL CENTRO 2SSW	-30						32.767	115.567	IMPERIAL

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.08	0.13	0.16	0.22	0.31	0.39	0.45	0.55	0.64	0.70	1.86
5	0.14	0.22	0.27	0.38	0.54	0.68	0.77	0.95	1.11	1.21	2.92
10	0.19	0.29	0.36	0.51	0.71	0.89	1.02	1.26	1.46	1.60	3.60
20	0.24	0.36	0.45	0.63	0.88	1.11	1.26	1.56	1.81	1.98	4.23
25	0.25	0.38	0.48	0.67	0.94	1.18	1.34	1.66	1.93	2.11	4.43
40	0.28	0.43	0.54	0.75	1.05	1.33	1.51	1.87	2.17	2.37	4.53
50	0.30	0.45	0.57	0.79	1.11	1.40	1.59	1.97	2.28	2.50	5.03
100	0.34	0.52	0.65	0.92	1.28	1.61	1.84	2.27	2.63	2.88	5.60
200	0.39	0.59	0.74	1.04	1.45	1.83	2.08	2.58	2.99	3.27	6.16
1000	0.49	0.76	0.95	1.32	1.85	2.33	2.66	3.29	3.81	4.17	7.42
10000	0.65	0.99	1.24	1.73	2.42	3.05	3.48	4.30	4.98	5.46	9.15
PMP	1.10	1.68	2.10	2.94	4.10	5.18	5.89	7.29	8.45	9.25	19.25
MEAN	0.103	0.158	0.197	0.276	0.386	0.487	0.554	0.686	0.795	0.870	2.065
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.569	1.085	1.104	0.852	1.637	1.353	1.069	1.005	1.730	2.468	0.326
REGIONAL SKEW	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100
SKEW USED	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.534 ; INTERCEPT (TIME=1 HOUR) =0.359 ; COEFFICIENT OF DETERMINATION = 0.992
1HR INTERCEPT / MEAN YR =0.17409 ; AVERAGE CALC CV / USED CV = 1.17

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	6.877	3.986	3.694	3.005	6.109	5.129	3.882	3.410	7.616	12.087	2.546
N	22	22	22	22	32	32	32	32	32	32	33
RECORD YEAR	1969	1969	1969	1955	1946	1946	1946	1969	1969	1969	1967
RECORD MAXIMUM	0.370	0.470	0.570	0.680	1.440	1.600	1.610	1.800	2.900	3.730	4.300
NORMALIZED MAX	3.193	2.555	2.414	2.029	3.360	3.203	2.884	2.393	3.651	4.181	2.066
CALC. COEF. VAR	0.810	0.775	0.783	0.720	0.813	0.714	0.660	0.679	0.726	0.786	0.524
REGN. COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
USED COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
MEAN/A	0.0500	0.0764	0.0956	0.1339	0.1869	0.2358	0.2685	0.3322	0.3849	0.4214	1.0000
RP10/A	0.0918	0.1403	0.1755	0.2458	0.3433	0.4330	0.4931	0.6101	0.7068	0.7738	1.7442
RP25/A	0.1212	0.1852	0.2317	0.3246	0.4532	0.5718	0.6510	0.8055	0.9332	1.0217	2.1465
RP50/A	0.1434	0.2192	0.2742	0.3841	0.5366	0.6767	0.7705	0.9534	1.1045	1.2092	2.4346
RP100/A	0.1657	0.2532	0.3167	0.4437	0.6196	0.7817	0.8900	1.1012	1.2758	1.3967	2.7131
RP1000/A	0.2395	0.3662	0.4580	0.6416	0.8959	1.1303	1.2870	1.5924	1.8448	2.0197	3.5938
RP10000/A	0.3134	0.4791	0.5992	0.8395	1.1723	1.4789	1.6839	2.0835	2.4139	2.6426	4.4326
PMP/A	0.5313	0.8121	1.0157	1.4230	1.9871	2.5068	2.8544	3.5318	4.0917	4.4795	9.3250

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
W03 P22 0	BISHOP AP NWS	4108	5	07S	33E		M	37.366	118.006	INYO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1954	0.04	0.08	0.12	0.15	0.27	0.51	0.61	0.77	1.34	2.08	7.19
1955	0.05	0.07	0.08	0.14	0.18	0.34	0.48	0.94	1.59	2.54	7.80
1956	0.07	0.10	0.12	0.15	0.28	0.48	0.55	0.88	1.06	1.47	4.61
1957	0.04	0.07	0.10	0.20	0.40	0.51	0.56	0.89	1.38	1.39	6.69
1958	0.03	0.04	0.07	0.13	0.26	0.44	0.54	0.80	1.07	1.10	4.76
1959	0.04	0.07	0.10	0.18	0.30	0.44	0.68	0.68	0.97	1.63	3.98
1960	0.08	0.08	0.11	0.13	0.20	0.35	0.45	0.69	0.93	1.14	4.12
1961	0.06	0.09	0.11	0.11	0.12	0.19	0.24	0.43	0.69	0.82	2.24
1962	0.03	0.06	0.07	0.14	0.22	0.42	0.58	0.93	1.35	2.09	7.74
1963	0.10	0.14	0.16	0.18	0.21	0.39	0.46	0.76	1.22	1.91	6.83
1964	0.04	0.07	0.08	0.12	0.20	0.30	0.30	0.45	0.46	0.49	2.70
1965	0.12	0.14	0.15	0.17	0.26	0.37	0.49	0.94	1.63	2.16	6.56
1966	0.03	0.06	0.08	0.16	0.31	0.53	0.70	1.37	2.23	3.35	6.53
1967	0.11	0.15	0.15	0.23	0.32	0.46	0.48	0.48	0.54	0.54	4.36
1968	0.09	0.10	0.10	0.16	0.21	0.32	0.39	0.40	0.40	0.40	1.82
1969	0.06	0.09	0.12	0.24	0.37	0.65	0.87	1.69	2.75	3.64	17.09
1970	0.03	0.06	0.07	0.14	0.26	0.30	0.41	0.66	0.89	1.12	3.68
1971	0.06	0.07	0.08	0.12	0.18	0.34	0.41	0.72	0.80	1.29	3.67
1972	0.05	0.10	0.13	0.14	0.18	0.24	0.26	0.33	0.48	0.48	2.44
1973	0.12	0.13	0.13	0.20	0.39	0.66	0.82	1.44	2.07	2.23	7.71
1974	0.04	0.06	0.08	0.15	0.28	0.48	0.70	1.12	1.36	1.49	5.37
1975	0.21	0.22	0.22	0.23	0.23	0.33	0.41	0.53	0.59	0.59	2.55

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
W03 P22 0	BISHOP AP NWS	4108	5	07S	33E		M	37.366	118.006	INYO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.06	0.08	0.09	0.14	0.21	0.34	0.43	0.68	0.98	1.29	4.98
5	0.10	0.13	0.16	0.23	0.37	0.59	0.74	1.17	1.68	2.21	7.54
10	0.13	0.17	0.20	0.30	0.47	0.76	0.96	1.51	2.18	2.86	9.19
20	0.15	0.21	0.25	0.37	0.58	0.93	1.17	1.84	2.65	3.49	10.72
25	0.16	0.22	0.26	0.39	0.61	0.98	1.24	1.95	2.81	3.69	11.20
40	0.18	0.25	0.29	0.43	0.68	1.10	1.38	2.17	3.12	4.11	11.43
50	0.19	0.26	0.31	0.45	0.71	1.15	1.44	2.27	3.27	4.31	12.63
100	0.22	0.30	0.35	0.52	0.81	1.31	1.65	2.59	3.73	4.91	14.02
200	0.24	0.33	0.39	0.58	0.91	1.47	1.85	2.90	4.19	5.51	15.38
1000	0.30	0.42	0.49	0.72	1.14	1.83	2.31	3.63	5.23	6.88	18.42
10000	0.39	0.53	0.63	0.93	1.46	2.35	2.96	4.65	6.70	8.82	22.61
PMP	0.73	0.99	1.18	1.73	2.73	4.39	5.52	8.67	12.50	16.45	47.03
MEAN	0.068	0.093	0.110	0.162	0.256	0.411	0.518	0.814	1.173	1.543	5.475
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.860	1.596	1.293	0.791	0.412	0.380	0.385	0.943	0.966	0.777	2.200
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.421 ; INTERCEPT (TIME=1 HOUR) =0.263 ; COEFFICIENT OF DETERMINATION = 0.988
1HR INTERCEPT / MEAN YR =0.04807 ; AVERAGE CALC CV / USED CV = 0.56

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	7.449	6.266	5.521	3.052	3.131	3.344	3.212	4.031	4.085	3.574	10.284
N	22	22	22	22	22	22	22	22	22	22	22
RECORD YEAR	1975	1975	1975	1969	1957	1973	1969	1969	1969	1969	1969
RECORD MAXIMUM	0.210	0.220	0.220	0.240	0.400	0.660	0.870	1.690	2.750	3.640	17.090
NORMILIZED MAX	3.269	3.085	2.974	2.071	1.988	2.080	2.124	2.507	2.582	2.341	3.578
CALC. COEF. VAR	0.636	0.441	0.334	0.231	0.283	0.291	0.320	0.430	0.521	0.581	0.593
REGN. COEF. VAR	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.506
USED COEF. VAR	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.506
MEAN/A	0.0125	0.0170	0.0202	0.0296	0.0467	0.0751	0.0946	0.1486	0.2142	0.2819	1.0000
RP10/A	0.0231	0.0316	0.0374	0.0550	0.0868	0.1395	0.1755	0.2758	0.3976	0.5231	1.6785
RP25/A	0.0298	0.0407	0.0483	0.0709	0.1119	0.1798	0.2263	0.3556	0.5126	0.6745	2.0453
RP50/A	0.0347	0.0475	0.0563	0.0827	0.1304	0.2097	0.2639	0.4147	0.5977	0.7865	2.3079
RP100/A	0.0396	0.0542	0.0642	0.0943	0.1487	0.2391	0.3009	0.4729	0.6816	0.8969	2.5618
RP1000/A	0.0555	0.0759	0.0900	0.1322	0.2084	0.3350	0.4217	0.6627	0.9551	1.2569	3.3648
RP10000/A	0.0712	0.0972	0.1153	0.1693	0.2671	0.4293	0.5403	0.8491	1.2238	1.6104	4.1295
PMP/A	0.1328	0.1814	0.2151	0.3160	0.4983	0.8010	1.0081	1.5843	2.2835	3.0049	8.5900

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	BNM	LATITUDE	LONGITUDE	COUNTY
W03 4232	0	INDEPENDENCE	3950	1B	13S	35E	J	M	36.890	118.206	INYO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
YEAR											
1903	*****	*****	*****	*****	0.04	0.07	0.11	0.21	0.42	0.58	1.95
1904	*****	*****	*****	*****	0.06	0.11	0.16	0.32	0.63	0.82	2.62
1905	*****	*****	*****	*****	0.29	0.46	0.58	0.98	1.04	1.04	4.28
1906	*****	*****	*****	*****	0.27	0.44	0.57	0.81	1.04	1.28	6.97
1907	*****	*****	*****	*****	0.25	0.32	0.36	0.56	0.78	1.03	5.85
1908	*****	*****	*****	*****	0.11	0.17	0.27	0.52	0.86	1.08	4.55
1909	*****	*****	*****	*****	0.27	0.44	0.57	0.81	1.08	1.50	10.70
1910	*****	*****	*****	*****	0.23	0.40	0.53	0.70	0.72	0.72	2.37
1911	*****	*****	*****	*****	0.13	0.18	0.22	0.43	0.86	1.63	5.56
1912	*****	*****	*****	*****	0.05	0.10	0.15	0.30	0.60	0.80	3.47
1913	*****	*****	*****	*****	0.36	0.60	0.89	0.99	1.33	1.33	7.29
1914	*****	*****	*****	*****	0.16	0.32	0.48	0.95	1.95	3.51	9.30
1915	*****	*****	*****	*****	0.17	0.29	0.35	0.42	0.50	0.50	3.00
1916	*****	*****	*****	*****	0.16	0.25	0.32	0.64	1.28	1.88	12.84
1917	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.11
1918	*****	*****	*****	*****	0.13	0.22	0.31	0.62	0.97	1.01	4.02
1919	*****	*****	*****	*****	0.08	0.13	0.16	0.25	0.50	0.63	2.85
1920	*****	*****	*****	*****	0.25	0.50	0.58	0.69	0.76	0.77	3.64
1921	*****	*****	*****	*****	0.20	0.33	0.44	0.56	0.63	0.66	3.24
1922	*****	*****	*****	*****	0.09	0.17	0.25	0.50	0.69	0.83	3.74
1923	*****	*****	*****	*****	0.12	0.16	0.18	0.23	0.23	0.27	1.25
1924	*****	*****	*****	*****	0.12	0.21	0.25	0.35	0.52	0.52	2.34
1940	0.04	0.07	0.08	0.14	0.25	0.38	0.50	0.60	0.60	0.60	6.02
1941	0.02	0.03	0.05	0.08	0.16	0.23	0.37	0.49	0.63	1.26	9.24
1942	0.02	0.03	0.04	0.08	0.14	0.17	0.26	0.36	0.45	0.47	1.87
1943	0.26	0.42	0.56	0.68	0.73	0.79	0.79	1.11	1.53	2.52	8.65
1944	0.04	0.06	0.08	0.10	0.19	0.25	0.28	0.37	0.45	0.85	2.48
1945	0.09	0.16	0.21	0.27	0.42	0.64	0.79	1.07	1.93	2.97	11.61
1946	0.04	0.06	0.07	0.14	0.25	0.45	0.53	0.71	1.25	1.68	6.92
1947	0.02	0.04	0.06	0.10	0.16	0.22	0.23	0.25	0.26	0.26	0.85
1948	0.01	0.02	0.03	0.04	0.06	0.08	0.08	0.16	0.16	0.32	0.84
1949	0.03	0.05	0.06	0.11	0.20	0.33	0.45	0.61	0.62	0.93	2.60
1950	0.18	0.24	0.34	0.44	0.46	0.47	0.49	0.95	1.85	3.70	7.63
1951	0.03	0.06	0.09	0.15	0.24	0.46	0.59	0.97	1.22	1.81	6.47
1952	0.05	0.09	0.12	0.20	0.33	0.50	0.61	0.85	0.86	1.07	5.51
1953	0.02	0.04	0.05	0.09	0.17	0.28	0.36	0.47	0.50	0.50	1.82
1954	0.03	0.05	0.07	0.14	0.25	0.36	0.46	0.83	1.49	1.61	4.53
1955	0.05	0.10	0.14	0.26	0.48	0.80	1.09	1.73	2.80	3.17	5.76
1956	0.04	0.06	0.09	0.18	0.34	0.55	0.65	1.14	1.79	2.15	4.23
1957	0.10	0.18	0.25	0.37	0.41	0.43	0.53	0.78	0.80	0.80	6.48
1958	0.02	0.03	0.04	0.07	0.13	0.24	0.34	0.62	0.77	0.90	4.74
1959	0.03	0.06	0.08	0.14	0.19	0.30	0.40	0.69	0.79	1.01	1.99
1960	0.04	0.09	0.11	0.19	0.34	0.55	0.59	0.90	1.01	1.01	3.70
1961	0.01	0.02	0.04	0.06	0.11	0.16	0.18	0.19	0.21	0.26	1.61
1962	0.10	0.16	0.18	0.20	0.24	0.36	0.53	0.91	1.65	2.10	6.23
1963	0.13	0.24	0.36	0.57	0.77	0.85	0.96	1.19	1.50	2.54	9.75
1964	0.03	0.05	0.08	0.13	0.22	0.32	0.42	0.61	0.79	0.86	1.88
1965	0.04	0.05	0.08	0.12	0.17	0.34	0.40	0.46	0.70	0.99	4.90
1966	0.06	0.12	0.16	0.26	0.37	0.70	1.00	1.67	2.90	5.65	9.89
1967	0.10	0.11	0.13	0.15	0.25	0.46	0.54	0.80	0.85	0.85	3.33
1968	0.01	0.02	0.03	0.06	0.11	0.16	0.19	0.20	0.27	0.36	1.24
1969	0.05	0.07	0.11	0.22	0.44	0.80	1.15	2.17	3.29	4.35	15.62
1970	0.02	0.04	0.06	0.11	0.20	0.34	0.39	0.52	0.60	0.60	5.38
1971	0.03	0.05	0.06	0.07	0.08	0.13	0.18	0.36	0.61	0.63	2.15
1972	0.07	0.10	0.10	0.10	0.10	0.19	0.29	0.40	0.41	0.42	1.96
1973	*****	*****	*****	*****	0.29	0.48	0.72	1.17	1.67	1.67	6.30
1974	*****	*****	*****	*****	0.21	0.29	0.34	0.49	0.69	0.69	5.14

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
W03 4232 0	INDEPENDENCE	3950	18	13S	35E	J	M	36.890	118.206	INYO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.05	0.08	0.10	0.15	0.19	0.30	0.38	0.58	0.83	1.10	4.52
5	0.08	0.13	0.17	0.26	0.33	0.51	0.65	0.99	1.42	1.89	6.84
10	0.10	0.17	0.23	0.34	0.43	0.66	0.84	1.28	1.83	2.45	8.34
20	0.12	0.20	0.28	0.41	0.53	0.81	1.03	1.56	2.23	2.98	9.73
25	0.13	0.21	0.29	0.44	0.56	0.85	1.09	1.65	2.36	3.16	10.16
40	0.15	0.24	0.32	0.49	0.62	0.95	1.21	1.86	2.63	3.51	10.38
50	0.15	0.25	0.34	0.51	0.65	0.99	1.27	1.93	2.75	3.68	11.67
100	0.17	0.29	0.39	0.58	0.74	1.13	1.44	2.20	3.14	4.20	12.73
200	0.20	0.32	0.43	0.65	0.83	1.27	1.62	2.46	3.52	4.71	13.96
1000	0.24	0.40	0.54	0.81	1.04	1.59	2.02	3.08	4.40	5.88	16.72
10000	0.31	0.51	0.69	1.04	1.33	2.03	2.59	3.94	5.64	7.53	20.52
PMP	0.58	0.96	1.30	1.94	2.47	3.79	4.84	7.36	10.52	14.06	42.69

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
MEAN	0.055	0.090	0.122	0.182	0.232	0.356	0.454	0.690	0.987	1.319	4.969
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.411	2.445	2.471	2.086	1.665	0.813	0.950	1.425	1.617	2.008	1.140
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.432 ; INTERCEPT (TIME=1 HOUR) =0.246 ; COEFFICIENT OF DETERMINATION = 0.986
INR INTERCEPT / MEAN YR =0.04951 ; AVERAGE CALC CV / USED CV = 1.18

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	9.735	10.235	9.867	7.556	6.839	3.293	3.808	6.067	5.907	7.496	4.322
N	33	33	33	33	56	56	56	56	56	56	57
RECORD YEAR	1943	1943	1943	1943	1963	1963	1969	1969	1969	1966	1969
RECORD MAXIMUM	0.260	0.420	0.560	0.680	0.770	0.850	1.150	2.170	3.290	5.650	15.620
NORMILIZED MAX	3.881	3.986	3.897	3.431	3.637	2.534	2.813	3.721	3.461	3.983	3.306
CALC. COEF. VAR	0.966	0.924	0.926	0.795	0.637	0.548	0.545	0.577	0.674	0.825	0.668
REGN. COEF. VAR	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.506
USED COEF. VAR	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.506

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
MEAN/A	0.0110	0.0180	0.0245	0.0367	0.0467	0.0716	0.0913	0.1388	0.1987	0.2653	1.0000
RP10/A	0.0205	0.0335	0.0454	0.0681	0.0867	0.1329	0.1695	0.2577	0.3687	0.4924	1.6785
RP25/A	0.0264	0.0432	0.0585	0.0878	0.1118	0.1714	0.2185	0.3323	0.4754	0.6349	2.0453
RP50/A	0.0308	0.0504	0.0682	0.1024	0.1303	0.1998	0.2548	0.3874	0.5543	0.7403	2.3079
RP100/A	0.0351	0.0574	0.0778	0.1168	0.1486	0.2279	0.2905	0.4418	0.6322	0.8443	2.5618
RP1000/A	0.0492	0.0805	0.1090	0.1637	0.2083	0.3193	0.4071	0.6191	0.8859	1.1831	3.3648
RP10000/A	0.0631	0.1031	0.1397	0.2097	0.2669	0.4091	0.5216	0.7932	1.1350	1.5158	4.1295
PMP/A	0.1177	0.1924	0.2607	0.3913	0.4980	0.7634	0.9733	1.4801	2.1179	2.8285	8.5900

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
W03 4235 0	INDEPENDENCE ONION V	9175						36.767	118.333	INYO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1949	*****	*****	*****	*****	0.19	0.30	0.46	0.82	1.09	1.34	******
1950	*****	*****	*****	*****	0.38	0.76	1.13	2.16	3.80	6.80	******
1951	*****	*****	*****	*****	0.16	*****	*****	0.68	1.30	1.70	18.20
1952	*****	*****	*****	*****	0.08	*****	*****	0.45	*****	1.65	12.00
1953	*****	*****	*****	*****	0.10	*****	*****	0.55	*****	1.02	8.40
1954	*****	*****	*****	*****	0.12	*****	*****	0.62	*****	2.40	25.27
1955	*****	*****	*****	*****	0.21	*****	*****	1.26	*****	5.00	34.01
1956	*****	*****	*****	*****	0.24	*****	*****	1.41	*****	5.55	20.77
1957	*****	*****	*****	*****	0.09	*****	*****	0.54	*****	1.04	27.78
1958	*****	*****	*****	*****	0.14	*****	*****	0.82	*****	2.38	27.07

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
W03 4235 0	INDEPENDENCE ONION V	9175						36.767	118.333	INYO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.16	0.47	0.69	0.79	1.74	2.42	19.72
5	0.0	0.0	0.0	0.0	0.28	0.81	1.19	1.36	2.99	4.14	29.87
10	0.0	0.0	0.0	0.0	0.36	1.05	1.53	1.76	3.87	5.36	36.40
20	0.0	0.0	0.0	0.0	0.44	1.28	1.87	2.15	4.72	6.54	42.47
25	0.0	0.0	0.0	0.0	0.47	1.36	1.98	2.27	4.99	6.91	44.36
40	0.0	0.0	0.0	0.0	0.52	1.51	2.20	2.53	5.55	7.69	45.28
50	0.0	0.0	0.0	0.0	0.54	1.58	2.31	2.65	5.81	8.06	50.05
100	0.0	0.0	0.0	0.0	0.62	1.80	2.63	3.02	6.63	9.19	55.56
200	0.0	0.0	0.0	0.0	0.70	2.02	2.95	3.39	7.44	10.31	60.92
1000	0.0	0.0	0.0	0.0	0.87	2.53	3.69	4.23	9.29	12.88	72.97
10000	0.0	0.0	0.0	0.0	1.11	3.24	4.72	5.43	11.91	16.50	89.56
PMP	0.0	0.0	0.0	0.0	2.08	6.05	8.81	10.12	22.22	30.79	186.30
MEAN	0.0	0.0	0.0	0.0	0.195	0.567	0.827	0.950	2.084	2.888	21.687
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	1.441	0.0	0.0	1.579	0.0	1.020	-0.302
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = 0.339 ; INTERCEPT (TIME=1 HOUR) =0.202 ; COEFFICIENT OF DETERMINATION = 0.817
1HR INTERCEPT / MEAN YR =0.00933 ; AVERAGE CALC CV / USED CV = 0.90

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	6.116	0.0	0.0	6.017	0.0	3.469	3.704
N	0	0	0	0	10	2	2	10	3	10	8
RECORD YEAR	0	0	0	0	1950	1950	1950	1950	1950	1950	1955
RECORD MAXIMUM	0.0	0.0	0.0	0.0	0.380	0.760	1.130	2.160	3.800	6.800	34.010
NORMILIZED MAX	0.0	0.0	0.0	0.0	1.792	0.554	0.615	2.224	1.127	1.865	1.438
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.530	0.614	0.596	0.573	0.731	0.726	0.395
REGN. COEF. VAR	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.506
USED COEF. VAR	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.506
MEAN/A	0.0	0.0	0.0	0.0	0.0090	0.0261	0.0381	0.0438	0.0961	0.1332	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0167	0.0485	0.0708	0.0813	0.1783	0.2471	1.6785
RP25/A	0.0	0.0	0.0	0.0	0.0215	0.0626	0.0912	0.1048	0.2299	0.3187	2.0453
RP50/A	0.0	0.0	0.0	0.0	0.0251	0.0730	0.1064	0.1222	0.2681	0.3715	2.3079
RP100/A	0.0	0.0	0.0	0.0	0.0286	0.0832	0.1213	0.1393	0.3058	0.4237	2.5618
RP1000/A	0.0	0.0	0.0	0.0	0.0401	0.1166	0.1700	0.1952	0.4285	0.5938	3.3648
RP10000/A	0.0	0.0	0.0	0.0	0.0514	0.1494	0.2178	0.2501	0.5490	0.7608	4.1295
PMP/A	0.0	0.0	0.0	0.0	0.0958	0.2787	0.4064	0.4668	1.0243	1.4195	8.5900

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN CPDEF SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
W03 5067 0	LONEPINE COTTONWOOD P H	3850	23	17S	36E		M	36.450	118.050	INYO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	0.03	0.06	0.08	0.16	0.30	0.43	0.62	0.97	1.40	1.71	10.45
1942	0.13	0.14	0.15	0.16	0.19	0.21	0.27	0.25	0.35	0.48	1.72
1943	0.09	0.10	0.12	0.24	0.43	0.81	1.14	1.87	2.93	4.02	13.05
1944	0.02	0.04	0.06	0.12	0.19	0.28	0.37	0.45	0.47	0.84	4.33
1945	0.16	0.31	0.37	0.42	0.52	0.70	0.72	0.89	1.69	3.26	11.71
1946	0.06	0.09	0.10	0.20	0.36	0.44	0.48	0.75	0.98	1.85	8.79
1947	0.03	0.05	0.06	0.12	0.23	0.33	0.37	0.57	0.71	0.74	1.87
1948	0.02	0.03	0.05	0.09	0.14	0.21	0.22	0.28	0.36	0.38	1.00
1949	0.10	0.16	0.23	0.23	0.23	0.25	0.34	0.51	0.73	0.87	3.96
1950	0.04	0.08	0.12	0.18	0.32	0.51	0.67	1.10	1.85	2.10	4.46
1951	0.04	0.07	0.09	0.16	0.32	0.64	0.80	0.84	0.94	0.94	2.30
1952	0.08	0.11	0.13	0.14	0.21	0.37	0.41	0.64	1.08	1.35	6.31
1953	0.05	0.06	0.06	0.09	0.17	0.30	0.43	0.50	0.50	0.50	2.17
1954	0.12	0.13	0.14	0.25	0.27	0.40	0.50	0.97	1.58	1.85	5.54
1955	0.05	0.08	0.10	0.18	0.28	0.54	0.80	1.04	1.44	1.54	3.43
1956	0.04	0.05	0.08	0.16	0.30	0.45	0.65	1.11	1.44	1.67	3.13
1957	0.02	0.04	0.06	0.11	0.22	0.33	0.40	0.68	0.87	0.96	6.48
1958	0.11	0.14	0.15	0.21	0.24	0.44	0.57	0.90	0.98	1.03	5.62
1959	0.03	0.05	0.07	0.10	0.15	0.30	0.35	0.62	0.72	0.73	3.23
1960	0.10	0.14	0.15	0.19	0.34	0.55	0.64	0.81	0.88	1.17	5.49
1961	0.08	0.16	0.20	0.22	0.23	0.25	0.25	0.26	0.26	0.26	1.61
1962	0.03	0.05	0.06	0.10	0.17	0.30	0.45	0.88	1.21	1.30	5.35
1963	0.05	0.09	0.14	0.28	0.55	0.97	1.30	2.02	2.47	2.95	9.70
1964	0.18	0.29	0.44	0.45	0.45	0.50	0.61	0.55	0.56	0.56	2.65
1965	0.05	0.08	0.11	0.21	0.33	0.46	0.50	0.54	0.70	1.14	5.33
1966	0.04	0.07	0.11	0.22	0.36	0.61	0.83	1.39	2.63	4.55	9.55
1967	0.18	0.24	0.35	0.58	0.91	1.41	1.50	1.51	1.53	1.54	5.45
1968	0.40	0.57	0.68	0.74	0.74	0.74	0.74	0.74	0.74	0.74	2.44
1969	0.15	0.18	0.20	0.22	0.45	0.86	1.21	2.24	3.24	3.88	12.47
1970	0.02	0.04	0.05	0.10	0.17	0.30	0.42	0.70	1.20	1.48	5.50
1971	0.02	0.04	0.06	0.11	0.18	0.19	0.24	0.25	0.48	0.74	2.60
1972	0.03	0.04	0.06	0.09	0.15	0.17	0.18	0.20	0.22	0.22	0.78
1973	*****	*****	*****	*****	0.17	0.32	0.45	0.65	0.71	0.81	5.70
1974	*****	*****	*****	*****	0.35	0.35	0.35	0.59	0.73	0.73	6.85

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN CPDEF SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
W03 5067 0	LONEPINE COTTONWOOD P H	3850	23	17S	36E		M	36.450	118.050	INYO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.07	0.10	0.13	0.18	0.26	0.39	0.48	0.70	0.95	1.20	4.84
5	0.11	0.17	0.22	0.31	0.45	0.67	0.83	1.19	1.63	2.06	7.33
10	0.15	0.22	0.28	0.40	0.58	0.87	1.07	1.54	2.11	2.67	8.94
20	0.18	0.27	0.34	0.48	0.71	1.06	1.31	1.88	2.57	3.25	10.43
25	0.19	0.28	0.36	0.51	0.75	1.12	1.38	1.99	2.72	3.44	10.89
40	0.21	0.31	0.40	0.57	0.83	1.25	1.54	2.21	3.02	3.83	11.12
50	0.22	0.33	0.42	0.60	0.87	1.31	1.61	2.32	3.17	4.01	12.29
100	0.25	0.38	0.48	0.68	0.99	1.49	1.84	2.65	3.61	4.58	13.64
200	0.28	0.42	0.54	0.76	1.11	1.67	2.06	2.97	4.05	5.13	14.96
1000	0.36	0.53	0.67	0.95	1.39	2.09	2.57	3.71	5.06	6.41	17.91
10000	0.46	0.67	0.86	1.22	1.78	2.67	3.30	4.75	6.48	8.21	21.99
PMP	0.85	1.26	1.61	2.28	3.33	4.99	6.15	8.86	12.10	15.33	45.73
MEAN	0.080	0.118	0.151	0.213	0.312	0.468	0.577	0.831	1.135	1.438	5.324
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.629	2.690	2.501	2.245	1.864	1.757	1.321	1.319	1.304	1.512	0.830
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.449 ; INTERCEPT (TIME=1 HOUR) =0.316 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.05939 ; AVERAGE CALC CV / USED CV = 1.14

KURTOSIS	12.222	11.942	10.049	8.503	7.220	7.153	4.641	4.834	4.442	4.853	3.136
N	32	32	32	32	34	34	34	34	34	34	34
RECORD YEAR	1968	1968	1968	1968	1967	1967	1967	1969	1969	1966	1943
RECORD MAXIMUM	0.400	0.570	0.680	0.740	0.910	1.410	1.500	2.240	3.240	4.550	13.050
NORMILIZED MAX	4.198	4.142	3.895	3.608	3.509	3.618	2.890	2.858	2.777	2.835	2.313
CALC. COEF. VAR	0.958	0.923	0.900	0.684	0.545	0.556	0.553	0.593	0.668	0.764	0.627
REGN. COEF. VAR	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.506
USED COEF. VAR	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.506
MEAN/A	0.0150	0.0222	0.0283	0.0401	0.0587	0.0879	0.1084	0.1562	0.2131	0.2701	1.0000
RP10/A	0.0278	0.0412	0.0526	0.0744	0.1089	0.1632	0.2013	0.2898	0.3955	0.5012	1.6785
RP25/A	0.0358	0.0531	0.0678	0.0959	0.1404	0.2104	0.2595	0.3737	0.5100	0.6463	2.0453
RP50/A	0.0418	0.0619	0.0791	0.1119	0.1637	0.2454	0.3026	0.4357	0.5946	0.7535	2.3079
RP100/A	0.0476	0.0706	0.0902	0.1276	0.1867	0.2798	0.3450	0.4969	0.6781	0.8594	2.5618
RP1000/A	0.0667	0.0989	0.1264	0.1787	0.2616	0.3921	0.4835	0.6963	0.9503	1.2042	3.3648
RP10000/A	0.0855	0.1268	0.1620	0.2290	0.3352	0.5024	0.6195	0.8922	1.2176	1.5429	4.1295
PMP/A	0.1596	0.2365	0.3022	0.4273	0.6254	0.9375	1.1560	1.6648	2.2719	2.8791	8.5900

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.		STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUB											
COO 442	0	BAKERSFIELD AP NWS	494	02	29S	27E	0	M	35.428	119.042	KERN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1939	0.20	0.28	0.28	0.28	0.28	0.30	0.37	0.51	0.90	0.90	6.07
1940	0.08	0.10	0.17	0.18	0.28	0.47	0.65	1.13	1.45	1.51	9.55
1941	0.17	0.26	0.34	0.52	0.58	0.65	0.65	0.77	0.77	0.77	10.96
1942	0.17	0.18	0.19	0.20	0.29	0.34	0.34	0.41	0.73	0.85	4.26
1943	0.13	0.17	0.18	0.25	0.33	0.48	0.51	0.89	0.91	1.28	9.38
1944	0.08	0.11	0.12	0.17	0.25	0.39	0.57	0.84	1.01	1.05	6.08
1945	0.20	0.23	0.24	0.32	0.37	0.41	0.45	0.57	0.87	1.02	7.33
1946	0.12	0.22	0.30	0.37	0.46	0.53	0.61	0.79	0.81	0.84	5.95
1947	0.12	0.17	0.21	0.27	0.38	0.41	0.42	0.50	0.59	0.60	2.72
1948	0.27	0.33	0.45	0.51	0.51	0.51	0.51	0.54	0.56	0.62	4.32
1949	0.08	0.08	0.10	0.15	0.20	0.23	0.30	0.55	0.57	0.58	4.51
1950	0.21	0.28	0.32	0.34	0.34	0.39	0.48	0.52	0.56	0.61	5.55
1951	0.05	0.10	0.12	0.18	0.28	0.36	0.43	0.49	0.49	0.58	5.71
1952	0.05	0.09	0.13	0.20	0.38	0.49	0.54	0.56	0.58	0.97	9.64
1953	0.07	0.12	0.16	0.21	0.30	0.42	0.48	0.79	0.79	0.81	4.17
1954	0.05	0.08	0.11	0.17	0.22	0.42	0.60	0.82	1.00	1.09	4.48
1955	0.22	0.34	0.42	0.46	0.48	0.48	0.48	0.50	0.57	0.72	4.58
1956	0.25	0.31	0.38	0.54	0.68	1.00	1.15	1.20	1.20	1.20	4.40
1957	0.16	0.22	0.28	0.38	0.47	0.50	0.57	0.64	0.64	0.68	5.56
1958	0.10	0.17	0.18	0.26	0.40	0.55	0.69	0.85	0.86	0.90	8.61
1959	0.03	0.05	0.06	0.09	0.11	0.18	0.26	0.26	0.26	0.39	1.87
1960	0.20	0.34	0.40	0.51	0.52	0.52	0.52	0.70	0.94	1.52	7.03
1961	0.05	0.09	0.10	0.14	0.22	0.28	0.30	0.34	0.45	0.45	1.98
1962	0.10	0.15	0.17	0.21	0.24	0.24	0.44	0.54	0.89	1.18	5.66
1963	0.30	0.40	0.50	0.58	0.61	0.64	0.66	0.79	0.81	1.08	6.88
1964	0.05	0.07	0.08	0.14	0.25	0.38	0.39	0.39	0.39	0.39	4.02
1965	0.10	0.12	0.13	0.18	0.29	0.36	0.47	0.66	0.86	0.93	6.80
1966	0.09	0.13	0.16	0.26	0.27	0.42	0.46	0.54	0.65	0.94	4.62
1967	0.12	0.15	0.17	0.22	0.28	0.52	0.64	0.82	0.82	0.82	7.05
1968	0.07	0.12	0.19	0.24	0.33	0.44	0.44	0.53	0.62	0.80	5.14
1969	0.12	0.17	0.18	0.21	0.34	0.51	0.64	0.66	0.94	1.05	7.00
1970	0.11	0.12	0.13	0.18	0.21	0.38	0.44	0.85	0.99	1.01	5.18
1971	0.18	0.27	0.34	0.67	0.73	0.75	0.75	0.80	1.20	1.24	5.77
1972	0.26	0.49	0.70	0.84	1.06	1.09	1.09	1.09	1.09	1.11	4.25
1973	0.06	0.09	0.10	0.14	0.20	0.34	0.46	0.70	0.86	0.87	6.82
1974	0.24	0.36	0.43	0.60	1.02	1.08	1.12	1.12	1.15	1.22	7.04
1975	0.06	0.08	0.08	0.12	0.24	0.38	0.42	0.46	0.64	0.65	4.10

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.		STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUB											
COO 442	0	BAKERSFIELD AP NWS	494	02	29S	27E	0	M	35.428	119.042	KERN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.18	0.21	0.28	0.36	0.44	0.51	0.62	0.73	0.83	5.45
5	0.17	0.24	0.29	0.39	0.49	0.61	0.70	0.86	1.01	1.14	7.49
10	0.20	0.29	0.35	0.46	0.59	0.72	0.82	1.02	1.20	1.35	8.78
20	0.23	0.33	0.40	0.52	0.67	0.83	0.95	1.17	1.37	1.55	9.97
25	0.24	0.34	0.41	0.54	0.70	0.86	0.98	1.22	1.43	1.61	10.34
40	0.26	0.37	0.45	0.59	0.75	0.93	1.06	1.31	1.54	1.74	11.09
50	0.27	0.38	0.46	0.61	0.78	0.97	1.10	1.36	1.59	1.80	11.44
100	0.29	0.42	0.51	0.67	0.86	1.06	1.21	1.50	1.76	1.98	12.50
200	0.32	0.46	0.56	0.73	0.94	1.16	1.32	1.63	1.91	2.16	13.54
1000	0.38	0.54	0.66	0.87	1.11	1.38	1.57	1.94	2.28	2.57	15.85
10000	0.46	0.67	0.81	1.06	1.36	1.69	1.92	2.37	2.78	3.14	19.00
PMP	0.88	1.26	1.53	2.02	2.58	3.20	3.64	4.50	5.28	5.96	39.03
MEAN	0.133	0.190	0.231	0.304	0.389	0.482	0.549	0.678	0.795	0.898	5.812
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.606	0.903	1.284	1.234	1.763	1.683	1.634	0.547	0.276	0.207	0.477
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.613 ; INTERCEPT (TIME=1 HOUR) =0.376 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.06477 ; AVERAGE CALC CV / USED CV = 1.40

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	2.449	3.287	4.791	4.034	6.394	6.167	6.044	3.082	3.389	2.948	3.497
N	37	37	37	37	37	37	37	37	37	37	37
RECORD YEAR	1963	1972	1972	1972	1972	1972	1956	1956	1940	1960	1941
RECORD MAXIMUM	0.300	0.490	0.700	0.840	1.060	1.090	1.150	1.200	1.450	1.520	10.960
NORMILIZED MAX	2.247	2.762	3.259	2.983	3.173	2.918	2.909	2.304	2.615	2.210	2.503
CALC. COEF. VAR	0.559	0.570	0.623	0.592	0.543	0.432	0.377	0.334	0.315	0.313	0.354
REGN. COEF. VAR	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.381
USED COEF. VAR	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.381
MEAN/A	0.0229	0.0327	0.0398	0.0523	0.0670	0.0830	0.0944	0.1167	0.1368	0.1545	1.0000
RP10/A	0.0344	0.0492	0.0598	0.0786	0.1007	0.1247	0.1419	0.1755	0.2057	0.2323	1.5107
RP25/A	0.0410	0.0587	0.0713	0.0937	0.1200	0.1487	0.1692	0.2092	0.2453	0.2770	1.7783
RP50/A	0.0458	0.0656	0.0796	0.1047	0.1341	0.1661	0.1890	0.2338	0.2740	0.3095	1.9685
RP100/A	0.0505	0.0723	0.0878	0.1154	0.1478	0.1831	0.2084	0.2576	0.3020	0.3411	2.1516
RP1000/A	0.0655	0.0937	0.1138	0.1497	0.1917	0.2375	0.2703	0.3342	0.3917	0.4425	2.7264
RP10000/A	0.0800	0.1145	0.1390	0.1828	0.2341	0.2901	0.3301	0.4081	0.4784	0.5403	3.2696
PMP/A	0.1519	0.2174	0.2640	0.3471	0.4446	0.5509	0.6268	0.7750	0.9084	1.0261	6.7150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
COO 5151 0	LOST HILLS	285	35	26S	21E	N	M	35.617	119.765	KERN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	0.17	0.21	0.46	0.75	0.79	0.83	0.86	0.87	1.23	1.23	13.84
1942	0.06	0.06	0.07	0.11	0.16	0.18	0.22	0.34	0.45	0.51	4.31
1943	0.03	0.05	0.09	0.13	0.23	0.39	0.44	0.61	0.64	0.80	7.20
1944	0.03	0.05	0.08	0.15	0.27	0.35	0.41	0.61	0.90	1.15	4.32
1945	0.11	0.13	0.16	0.24	0.38	0.50	0.50	0.55	0.61	0.87	4.42
1946	0.09	0.12	0.15	0.20	0.35	0.49	0.54	0.61	0.65	0.86	4.80
1947	0.06	0.10	0.13	0.17	0.26	0.31	0.38	0.41	0.42	0.42	1.83
1948	0.11	0.12	0.12	0.13	0.19	0.29	0.35	0.36	0.36	0.41	3.25
1949	0.08	0.09	0.10	0.13	0.18	0.21	0.34	0.38	0.38	0.50	4.18
1950	0.05	0.07	0.10	0.16	0.17	0.20	0.24	0.30	0.31	0.31	3.68
1951	0.03	0.05	0.06	0.08	0.16	0.26	0.26	0.26	0.30	0.35	2.39
1952	0.12	0.21	0.25	0.41	0.47	0.55	0.63	0.96	1.05	1.10	9.65
1953	0.05	0.07	0.10	0.14	0.19	0.35	0.48	0.68	0.77	0.77	2.93
1954	0.04	0.06	0.09	0.16	0.25	0.42	0.52	0.67	1.12	1.19	6.01
1955	0.09	0.15	0.23	0.26	0.26	0.28	0.33	0.58	0.76	1.24	6.16
1956	0.10	0.11	0.12	0.14	0.18	0.24	0.33	0.44	0.47	0.47	2.35
1957	0.03	0.06	0.09	0.18	0.21	0.32	0.33	0.37	0.37	0.37	4.16
1958	0.12	0.14	0.14	0.18	0.31	0.45	0.48	0.53	0.63	0.70	8.37
1959	0.08	0.08	0.12	0.17	0.33	0.44	0.61	0.91	1.05	1.25	2.52
1960	0.07	0.10	0.12	0.20	0.25	0.60	0.62	0.75	0.85	1.15	6.68
1961	0.14	0.20	0.26	0.27	0.28	0.32	0.44	0.74	1.22	1.31	3.52
1962	0.04	0.08	0.10	0.13	0.17	0.29	0.39	0.61	0.98	1.67	6.02
1963	0.21	0.24	0.34	0.41	0.53	0.69	0.72	0.75	0.75	0.75	7.39
1964	0.05	0.10	0.12	0.23	0.28	0.49	0.59	0.64	0.64	0.71	3.54
1965	0.03	0.05	0.07	0.14	0.24	0.41	0.51	0.75	1.10	1.22	7.95
1966	0.17	0.24	0.29	0.29	0.32	0.33	0.39	0.43	0.52	0.82	3.24
1967	0.10	0.16	0.23	0.32	0.40	0.42	0.42	0.49	0.49	0.74	7.60
1968	0.09	0.11	0.14	0.19	0.30	0.46	0.53	0.83	0.88	0.98	5.18
1969	0.12	0.15	0.20	0.27	0.40	0.67	1.02	1.53	1.65	1.65	9.85
1970	0.10	0.16	0.18	0.27	0.35	0.58	0.74	0.97	1.19	1.22	7.09
1971	0.26	0.34	0.37	0.38	0.40	0.58	0.68	0.80	0.80	0.80	4.86
1972	0.05	0.08	0.10	0.13	0.25	0.37	0.38	0.38	0.38	0.38	2.65
1973	*****	*****	*****	*****	0.32	0.41	0.49	0.60	0.70	1.15	7.36
1974	*****	*****	*****	*****	0.46	0.79	0.99	1.18	1.36	1.36	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
COO 5151 0	LOST HILLS	285	35	26S	21E	N	M	35.617	119.765	KERN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.08	0.12	0.15	0.20	0.28	0.39	0.46	0.59	0.70	0.82	5.09
5	0.11	0.16	0.21	0.28	0.38	0.54	0.64	0.82	0.97	1.14	7.00
10	0.14	0.19	0.24	0.33	0.46	0.64	0.76	0.97	1.15	1.34	8.21
20	0.16	0.22	0.28	0.38	0.52	0.73	0.87	1.11	1.32	1.54	9.32
25	0.16	0.23	0.29	0.40	0.54	0.76	0.90	1.15	1.37	1.60	9.66
40	0.17	0.24	0.31	0.43	0.59	0.82	0.98	1.25	1.48	1.73	10.37
50	0.18	0.25	0.32	0.45	0.61	0.85	1.01	1.29	1.53	1.79	10.70
100	0.20	0.28	0.36	0.49	0.67	0.94	1.11	1.42	1.69	1.97	11.69
200	0.22	0.30	0.39	0.54	0.73	1.02	1.22	1.55	1.84	2.15	12.66
1000	0.26	0.36	0.46	0.64	0.87	1.22	1.45	1.84	2.19	2.56	14.81
10000	0.31	0.44	0.57	0.78	1.06	1.49	1.76	2.25	2.67	3.13	17.77
PMP	0.60	0.84	1.07	1.48	2.01	2.83	3.35	4.27	5.07	5.94	36.49
MEAN	0.090	0.126	0.162	0.222	0.303	0.426	0.505	0.644	0.764	0.894	5.434
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.282	1.352	1.524	2.467	1.825	0.762	1.054	1.213	0.615	0.158	1.102
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.519 ; INTERCEPT (TIME=1 HOUR) =0.304 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.05590 ; AVERAGE CALC CV / USED CV = 1.36

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	5.028	4.640	5.143	11.193	8.165	3.385	4.180	5.572	3.024	2.377	4.781
N	32	32	32	32	34	34	34	34	34	34	33
RECORD YEAR	1971	1971	1941	1941	1941	1941	1969	1969	1969	1962	1941
RECORD MAXIMUM	0.260	0.340	0.460	0.750	0.790	0.830	1.020	1.530	1.650	1.670	13.840
NORMILIZED MAX	3.084	2.849	3.091	4.087	3.791	2.485	2.652	3.317	2.611	2.046	3.167
CALC. COEF. VAR	0.613	0.594	0.596	0.580	0.425	0.382	0.385	0.415	0.444	0.424	0.488
REGN. COEF. VAR	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.381
USED COEF. VAR	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.381
MEAN/A	0.0166	0.0232	0.0298	0.0409	0.0557	0.0783	0.0929	0.1185	0.1406	0.1646	1.0000
RP10/A	0.0249	0.0349	0.0448	0.0616	0.0837	0.1178	0.1397	0.1781	0.2114	0.2475	1.5107
RP25/A	0.0297	0.0417	0.0534	0.0734	0.0999	0.1404	0.1665	0.2124	0.2521	0.2951	1.7783
RP50/A	0.0332	0.0465	0.0597	0.0820	0.1115	0.1569	0.1860	0.2373	0.2816	0.3296	1.9685
RP100/A	0.0366	0.0513	0.0658	0.0904	0.1229	0.1729	0.2050	0.2615	0.3104	0.3633	2.1516
RP1000/A	0.0474	0.0665	0.0853	0.1172	0.1595	0.2243	0.2660	0.3393	0.4027	0.4713	2.7264
RP10000/A	0.0579	0.0812	0.1042	0.1432	0.1948	0.2739	0.3248	0.4143	0.4917	0.5756	3.2696
PMP/A	0.1100	0.1543	0.1978	0.2719	0.3698	0.5201	0.6168	0.7868	0.9338	1.0930	6.7150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C00 7753 0	SAN EMIGDIO RANCH	1450	36	11N	22W	L	S	34.996	119.183	KERN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1964	0.20	0.21	0.21	0.32	0.48	0.63	0.84	1.30	1.98	2.18	6.48
1965	0.05	0.08	0.12	0.17	0.27	0.46	0.64	0.78	1.42	1.58	7.65
1966	0.08	0.11	0.14	0.22	0.33	0.50	0.71	1.11	1.27	1.55	6.92
1967	0.18	0.24	0.27	0.30	0.33	0.47	0.62	0.73	0.73	0.73	7.52
1968	0.10	0.12	0.15	0.23	0.33	0.46	0.48	0.48	0.48	0.87	5.14

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C00 7753 0	SAN EMIGDIO RANCH	1450	36	11N	22W	L	S	34.996	119.183	KERN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.11	0.14	0.16	0.23	0.32	0.46	0.61	0.81	1.08	1.27	6.32
5	0.15	0.19	0.23	0.32	0.44	0.64	0.84	1.12	1.49	1.76	8.69
10	0.18	0.23	0.27	0.37	0.52	0.76	0.99	1.32	1.77	2.08	10.19
20	0.21	0.26	0.31	0.43	0.60	0.87	1.13	1.52	2.03	2.38	11.56
25	0.22	0.27	0.32	0.44	0.62	0.90	1.18	1.58	2.11	2.48	11.99
40	0.24	0.29	0.34	0.48	0.67	0.98	1.27	1.70	2.28	2.68	12.86
50	0.24	0.30	0.36	0.50	0.70	1.01	1.32	1.76	2.36	2.77	13.27
100	0.27	0.34	0.39	0.55	0.77	1.11	1.45	1.94	2.60	3.05	14.51
200	0.29	0.37	0.43	0.60	0.84	1.21	1.58	2.12	2.83	3.33	15.70
1000	0.35	0.44	0.51	0.71	1.00	1.44	1.88	2.52	3.37	3.96	18.38
10000	0.43	0.53	0.62	0.87	1.22	1.76	2.30	3.08	4.11	4.83	22.04
PMP	0.81	1.01	1.18	1.65	2.31	3.35	4.37	5.84	7.81	9.18	45.27
MEAN	0.122	0.152	0.178	0.248	0.348	0.504	0.658	0.880	1.176	1.382	6.742
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.322	0.501	0.971	0.021	1.573	1.972	0.086	0.218	0.220	0.222	-1.167
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.525 ; INTERCEPT (TIME=1 HOUR) =0.363 ; COEFFICIENT OF DETERMINATION = 0.993
IHR INTERCEPT / MEAN YR =0.05379 ; AVERAGE CALC CV / USED CV = 0.82

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	4.595	4.684	6.355	5.271	9.481	9.933	7.328	5.632	5.932	5.658	7.585
N	5	5	5	5	5	5	5	5	5	5	5
RECORD YEAR	1964	1967	1967	1964	1964	1964	1964	1964	1964	1964	1965
RECORD MAXIMUM	0.200	0.240	0.270	0.320	0.480	0.630	0.840	1.300	1.980	2.180	7.650
NORMILIZED MAX	1.201	1.274	1.498	1.173	1.687	1.742	1.383	1.293	1.360	1.353	0.897
CALC. COEF. VAR	0.532	0.454	0.345	0.248	0.225	0.143	0.200	0.369	0.503	0.427	0.150
REGN. COEF. VAR	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.381
USED COEF. VAR	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.381
MEAN/A	0.0181	0.0225	0.0264	0.0368	0.0516	0.0748	0.0976	0.1305	0.1744	0.2050	1.0000
RP10/A	0.0272	0.0339	0.0397	0.0553	0.0776	0.1124	0.1467	0.1962	0.2622	0.3082	1.5107
RP25/A	0.0324	0.0404	0.0473	0.0659	0.0925	0.1340	0.1750	0.2340	0.3127	0.3675	1.7783
RP50/A	0.0362	0.0451	0.0529	0.0737	0.1034	0.1497	0.1955	0.2614	0.3493	0.4105	1.9685
RP100/A	0.0399	0.0498	0.0583	0.0812	0.1139	0.1650	0.2154	0.2881	0.3850	0.4525	2.1516
RP1000/A	0.0518	0.0646	0.0756	0.1053	0.1478	0.2140	0.2794	0.3737	0.4994	0.5869	2.7264
RP10000/A	0.0633	0.0788	0.0923	0.1286	0.1805	0.2614	0.3413	0.4564	0.6099	0.7167	3.2696
PMP/A	0.1202	0.1497	0.1753	0.2442	0.3427	0.4964	0.6480	0.8667	1.1582	1.3611	6.7150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C00 9614 80	WHEELER RIDGE	1675	26	11N	20W	0	5	34.967	118.950	KERN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1964	0.13	0.19	0.22	0.27	0.28	0.35	0.44	0.44	0.74	0.83	5.88
1965	0.13	0.14	0.18	0.30	0.43	0.67	0.71	0.78	1.26	1.37	6.63
1966	0.14	0.18	0.22	0.34	0.58	0.86	0.87	0.87	1.06	1.06	7.30
1967	0.05	0.10	0.15	0.20	0.29	0.45	0.58	0.67	0.76	1.06	8.15
1968	0.02	0.04	0.07	0.13	0.23	0.30	0.35	0.55	0.68	0.68	6.00

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C00 9614 80	WHEELER RIDGE	1675	26	11N	20W	0	5	34.967	118.950	KERN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.09	0.12	0.15	0.23	0.33	0.48	0.54	0.61	0.83	0.92	6.37
5	0.12	0.17	0.21	0.32	0.46	0.67	0.75	0.84	1.14	1.27	8.75
10	0.14	0.20	0.25	0.37	0.54	0.79	0.89	1.00	1.35	1.50	10.26
20	0.16	0.22	0.29	0.43	0.62	0.91	1.02	1.14	1.55	1.72	11.65
25	0.17	0.23	0.30	0.44	0.65	0.94	1.06	1.19	1.61	1.79	12.08
40	0.18	0.25	0.33	0.48	0.70	1.02	1.14	1.28	1.74	1.94	12.96
50	0.19	0.26	0.34	0.50	0.72	1.05	1.18	1.33	1.80	2.00	13.37
100	0.21	0.29	0.37	0.55	0.80	1.16	1.30	1.46	1.99	2.21	14.61
200	0.23	0.31	0.40	0.60	0.87	1.27	1.42	1.59	2.17	2.41	15.82
1000	0.27	0.37	0.48	0.71	1.04	1.51	1.69	1.90	2.58	2.86	18.52
10000	0.33	0.45	0.59	0.87	1.27	1.84	2.06	2.31	3.15	3.50	22.21
PMP	0.62	0.86	1.12	1.65	2.40	3.49	3.92	4.40	5.98	6.64	45.61
MEAN	0.094	0.130	0.168	0.248	0.362	0.526	0.590	0.662	0.900	1.000	6.792
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	-0.749	-0.736	-1.149	-0.590	1.068	0.736	0.300	-0.138	0.893	0.309	0.675
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.469 ; INTERCEPT (TIME=1 HOUR) =0.350 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.05156 ; AVERAGE CALC CV / USED CV = 1.12

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	4.717	6.178	7.441	5.969	6.666	5.667	5.668	5.467	5.609	6.612	5.896
N	5	5	5	5	5	5	5	5	5	5	5
RECORD YEAR	1966	1964	1964	1966	1966	1966	1966	1966	1965	1965	1967
RECORD MAXIMUM	0.140	0.190	0.220	0.340	0.580	0.860	0.870	0.870	1.260	1.370	8.150
NORMILIZED MAX	0.836	0.973	0.836	1.102	1.527	1.624	1.346	1.206	1.443	1.410	1.434
CALC. COEF. VAR	0.586	0.474	0.370	0.337	0.394	0.446	0.352	0.261	0.277	0.262	0.139
REGN. COEF. VAR	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.381
USED COEF. VAR	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.381
MEAN/A	0.0138	0.0191	0.0247	0.0365	0.0533	0.0774	0.0869	0.0975	0.1325	0.1472	1.0000
RP10/A	0.0208	0.0288	0.0372	0.0549	0.0801	0.1164	0.1306	0.1465	0.1992	0.2214	1.5107
RP25/A	0.0248	0.0343	0.0443	0.0655	0.0955	0.1388	0.1557	0.1747	0.2375	0.2639	1.7783
RP50/A	0.0277	0.0383	0.0495	0.0731	0.1067	0.1551	0.1740	0.1952	0.2654	0.2949	1.9685
RP100/A	0.0305	0.0422	0.0546	0.0806	0.1176	0.1709	0.1917	0.2151	0.2925	0.3250	2.1516
RP1000/A	0.0396	0.0548	0.0708	0.1045	0.1526	0.2217	0.2487	0.2791	0.3794	0.4216	2.7264
RP10000/A	0.0484	0.0669	0.0865	0.1277	0.1864	0.2708	0.3037	0.3408	0.4633	0.5148	3.2696
PMP/A	0.0919	0.1271	0.1642	0.2424	0.3539	0.5142	0.5768	0.6472	0.8799	0.9776	6.7150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LDT	PMM	LATITUDE	LONGITUDE	COUNTY
C40 3465 0	GLENNVILLE FULTON R.S.	3140	25	25S	30E	F	M	35.724	118.702	KERN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.04	0.07	0.10	0.16	0.23	0.46	0.65	1.03	1.04	2.30	******
1941	0.13	0.16	0.17	0.21	0.30	0.58	0.74	1.24	1.82	1.88	26.22
1942	0.10	0.16	0.27	0.32	0.45	0.52	0.61	1.09	1.71	2.96	14.58
1943	0.15	0.19	0.25	0.35	0.45	0.74	1.00	1.74	2.72	3.94	31.28
1946	0.16	0.22	0.32	0.45	0.64	0.92	1.04	1.43	1.94	2.25	******
1947	0.08	0.13	0.17	0.20	0.25	0.29	0.44	0.46	0.54	0.78	******
1948	0.06	0.09	0.11	0.14	0.22	0.34	0.50	0.89	1.10	1.15	12.64
1949	0.04	0.06	0.09	0.16	0.19	0.27	0.43	0.81	1.43	2.27	14.57
1950	0.08	0.15	0.20	0.29	0.45	0.67	0.84	1.63	2.39	2.77	21.32
1951	0.10	0.11	0.12	0.19	0.30	0.56	0.81	1.07	1.65	2.40	19.92
1952	0.08	0.09	0.11	0.18	0.26	0.48	0.63	1.09	1.60	2.28	27.81
1953	0.15	0.20	0.21	0.27	0.45	0.86	1.15	1.18	1.73	1.96	12.66
1954	0.08	0.16	0.22	0.31	0.46	0.70	1.00	1.21	1.40	1.89	16.26
1955	0.09	0.16	0.23	0.44	0.70	1.36	1.82	2.71	2.98	3.03	21.86
1956	0.14	0.16	0.21	0.27	0.30	0.52	0.67	1.14	1.78	2.26	14.02
1957	0.06	0.11	0.12	0.13	0.23	0.43	0.62	0.81	0.82	1.41	19.22
1958	0.06	0.10	0.14	0.24	0.39	0.60	0.83	1.04	1.13	1.40	******
1968	0.05	0.08	0.10	0.18	0.30	0.55	0.69	0.98	1.45	1.69	15.84
1969	0.16	0.22	0.30	0.31	0.51	0.70	0.81	1.29	1.52	2.62	29.91
1970	0.16	0.21	0.25	0.34	0.45	0.90	1.25	2.19	3.45	4.03	20.46
1971	0.06	0.12	0.15	0.27	0.36	0.51	0.66	0.74	1.19	1.38	******
1972	0.26	0.41	0.51	0.94	1.19	1.19	1.20	1.20	1.20	1.20	******
1973	*****	*****	0.40	0.40	0.60	0.60	0.80	1.20	1.85	1.89	24.76
1974	*****	*****	0.30	0.30	0.60	1.10	1.40	2.10	3.20	3.30	18.90

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LDT	PMM	LATITUDE	LONGITUDE	COUNTY
C40 3465 0	GLENNVILLE FULTON R.S.	3140	25	25S	30E	F	M	35.724	118.702	KERN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.09	0.14	0.19	0.27	0.39	0.60	0.78	1.14	1.57	2.00	18.92
5	0.14	0.20	0.28	0.39	0.57	0.88	1.14	1.67	2.30	2.93	25.67
10	0.17	0.25	0.34	0.47	0.69	1.06	1.38	2.03	2.79	3.56	29.94
20	0.20	0.29	0.39	0.55	0.80	1.24	1.61	2.37	3.25	4.15	33.87
25	0.20	0.30	0.41	0.58	0.84	1.29	1.68	2.47	3.40	4.33	35.08
40	0.22	0.33	0.45	0.63	0.91	1.41	1.83	2.69	3.70	4.71	37.58
50	0.23	0.34	0.47	0.65	0.95	1.46	1.90	2.79	3.84	4.89	38.74
100	0.26	0.38	0.52	0.72	1.05	1.63	2.11	3.10	4.27	5.44	42.26
200	0.28	0.41	0.57	0.79	1.16	1.79	2.32	3.41	4.69	5.98	45.68
1000	0.34	0.50	0.68	0.96	1.39	2.15	2.79	4.11	5.65	7.19	53.31
10000	0.42	0.61	0.85	1.18	1.72	2.66	3.45	5.07	6.98	8.89	63.76
PMP	0.81	1.20	1.65	2.30	3.35	5.17	6.71	9.87	13.58	17.29	129.99
MEAN	0.104	0.153	0.210	0.294	0.428	0.660	0.858	1.261	1.735	2.210	20.123
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.157	1.889	1.191	2.754	1.983	0.978	1.236	1.354	0.901	0.544	0.510
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.419 ; INTERCEPT (TIME=1 HOUR) =0.444 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.02205 ; AVERAGE CALC CV / USED CV = 1.06

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.906	8.749	4.896	13.094	8.795	3.961	5.086	5.337	3.682	3.340	2.656
N	22	22	24	24	24	24	24	24	24	24	18
RECORD YEAR	1972	1972	1972	1972	1972	1955	1955	1955	1970	1970	1943
RECORD MAXIMUM	0.260	0.410	0.510	0.940	1.190	1.360	1.820	2.710	3.450	4.030	31.280
NORMILIZED MAX	2.885	3.417	2.883	3.922	3.517	2.534	2.934	2.878	2.321	2.176	1.896
CALC. COEF. VAR	0.519	0.493	0.494	0.561	0.506	0.418	0.382	0.399	0.426	0.378	0.292
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0052	0.0076	0.0105	0.0146	0.0213	0.0328	0.0426	0.0627	0.0862	0.1098	1.0000
RP10/A	0.0083	0.0122	0.0168	0.0235	0.0343	0.0528	0.0686	0.1009	0.1388	0.1767	1.4879
RP25/A	0.0101	0.0149	0.0205	0.0286	0.0417	0.0643	0.0835	0.1228	0.1689	0.2152	1.7435
RP50/A	0.0114	0.0168	0.0231	0.0323	0.0471	0.0726	0.0944	0.1387	0.1908	0.2431	1.9253
RP100/A	0.0127	0.0187	0.0257	0.0359	0.0524	0.0808	0.1049	0.1543	0.2122	0.2703	2.1002
RP1000/A	0.0168	0.0247	0.0340	0.0475	0.0693	0.1068	0.1388	0.2040	0.2806	0.3575	2.6493
RP10000/A	0.0208	0.0305	0.0420	0.0587	0.0856	0.1320	0.1714	0.2520	0.3467	0.4416	3.1683
PMP/A	0.0405	0.0594	0.0818	0.1142	0.1666	0.2568	0.3336	0.4905	0.6747	0.8594	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
C50 4303 0	ISABELLA DAM	2660	19	26S	33E	P	M	35.646	118.479	KERN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1954	*****	*****	0.10	0.20	0.40	0.64	0.64	0.82	1.12	1.70	8.32
1955	*****	*****	0.09	0.13	0.15	0.22	0.30	0.44	0.54	0.77	6.85
1956	*****	*****	0.10	0.19	0.36	0.67	0.96	1.57	2.18	2.50	11.17
1957	*****	*****	0.14	0.22	0.29	0.35	0.42	0.62	0.72	0.81	5.85
1958	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	14.86
1959	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	3.34
1960	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	11.13
1961	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	4.01
1962	*****	*****	0.20	0.34	0.34	0.50	0.64	0.98	1.44	2.02	12.45
1963	*****	*****	0.14	0.19	0.29	0.52	0.62	1.05	1.30	1.68	7.98
1964	*****	*****	0.42	0.75	0.81	0.95	1.01	1.01	1.01	1.10	9.38
1965	*****	*****	0.18	0.22	0.34	0.47	0.75	0.89	1.52	1.96	11.49
1966	*****	*****	0.30	0.30	0.30	0.45	0.63	1.04	1.37	1.71	7.46
1967	*****	*****	0.64	0.69	0.74	0.97	1.42	2.30	3.89	5.83	18.89
1968	*****	*****	0.45	0.62	0.62	0.62	0.62	0.85	1.10	1.25	8.24
1969	*****	*****	0.23	0.23	0.24	0.38	0.51	0.77	1.25	2.43	20.67
1970	*****	*****	0.16	0.21	0.33	0.62	0.86	1.53	2.06	2.34	8.51
1971	*****	*****	0.10	0.15	0.27	0.34	0.45	0.62	1.05	1.55	8.50
1972	*****	*****	0.29	0.33	0.52	0.52	0.52	0.52	0.70	0.87	5.28
1973	*****	*****	0.13	0.16	0.26	0.43	0.56	0.69	1.21	1.48	14.09
1974	*****	*****	0.15	0.28	0.29	0.50	0.72	1.04	1.36	1.36	9.28
1975	*****	*****	0.50	0.75	0.77	*****	*****	*****	*****	*****	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
C50 4303 0	ISABELLA DAM	2660	19	26S	33E	P	M	35.646	118.479	KERN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.22	0.30	0.37	0.49	0.62	0.89	1.26	1.67	9.30
5	0.0	0.0	0.32	0.44	0.54	0.71	0.91	1.31	1.86	2.45	12.62
10	0.0	0.0	0.39	0.53	0.65	0.87	1.10	1.58	2.25	2.97	14.72
20	0.0	0.0	0.45	0.62	0.76	1.01	1.28	1.85	2.62	3.46	16.65
25	0.0	0.0	0.47	0.65	0.79	1.05	1.34	1.93	2.74	3.61	17.25
40	0.0	0.0	0.51	0.71	0.86	1.15	1.46	2.10	2.98	3.93	18.68
50	0.0	0.0	0.53	0.73	0.89	1.19	1.51	2.18	3.09	4.08	19.05
100	0.0	0.0	0.59	0.81	0.99	1.32	1.68	2.42	3.44	4.54	20.78
200	0.0	0.0	0.65	0.90	1.09	1.46	1.85	2.66	3.78	4.99	22.46
1000	0.0	0.0	0.78	1.08	1.31	1.75	2.23	3.20	4.55	6.00	26.21
10000	0.0	0.0	0.97	1.33	1.62	2.16	2.75	3.96	5.62	7.42	31.34
PMP	0.0	0.0	1.88	2.59	3.16	4.21	5.35	7.71	10.94	14.43	63.91
MEAN	0.0	0.0	0.240	0.331	0.404	0.538	0.684	0.985	1.398	1.845	9.893
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.265	1.253	1.061	0.931	1.374	1.656	2.301	2.711	0.936
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.597 ; INTERCEPT (TIME=1 HOUR) =0.421 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.04259 ; AVERAGE CALC CV / USED CV = 1.13

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	4.122	3.446	3.315	4.379	6.016	6.643	9.857	12.164	4.114
N	0	0	18	18	18	17	17	17	17	17	21
RECORD YEAR	0	0	1967	1964	1964	1967	1967	1967	1967	1967	1969
RECORD MAXIMUM	0.0	0.0	0.640	0.750	0.810	0.970	1.420	2.300	3.890	5.830	20.670
NORMILIZED MAX	0.0	0.0	2.677	1.961	2.026	2.183	2.781	2.876	3.239	3.434	2.424
CALC. COEF. VAR	0.0	0.0	0.673	0.645	0.496	0.367	0.387	0.464	0.550	0.629	0.449
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0	0.0	0.0243	0.0335	0.0408	0.0544	0.0692	0.0995	0.1413	0.1865	1.0000
RP10/A	0.0	0.0	0.0390	0.0539	0.0657	0.0876	0.1113	0.1602	0.2274	0.3001	1.4879
RP25/A	0.0	0.0	0.0475	0.0656	0.0800	0.1066	0.1355	0.1950	0.2769	0.3653	1.7435
RP50/A	0.0	0.0	0.0537	0.0741	0.0904	0.1204	0.1531	0.2203	0.3128	0.4127	1.9253
RP100/A	0.0	0.0	0.0597	0.0824	0.1005	0.1339	0.1702	0.2450	0.3478	0.4589	2.1002
RP1000/A	0.0	0.0	0.0790	0.1089	0.1329	0.1771	0.2251	0.3240	0.4600	0.6069	2.6493
RP10000/A	0.0	0.0	0.0976	0.1346	0.1642	0.2188	0.2781	0.4002	0.5683	0.7498	3.1683
PMP/A	0.0	0.0	0.1898	0.2619	0.3195	0.4257	0.5411	0.7789	1.1060	1.4591	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C50 9512 0	WELDON 1 WSW	2680	23	26S	34E	D	M	35.667	118.300	KERN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.09	0.11	0.12	0.16	0.26	0.47	0.66	0.87	1.10	1.30	******
1941	0.05	0.10	0.14	0.19	0.25	0.42	0.47	0.65	0.93	1.33	12.07
1942	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.32	0.52	3.94
1943	0.03	0.06	0.08	0.15	0.26	0.46	0.58	0.74	0.84	1.03	12.55
1944	0.04	0.07	0.10	0.14	0.25	0.39	0.48	0.78	1.15	1.36	6.43
1945	0.34	0.50	0.53	0.67	0.82	0.86	1.13	1.25	1.40	1.73	9.89
1946	0.04	0.05	0.06	0.11	0.19	0.33	0.44	0.80	1.01	1.10	5.71
1947	0.04	0.07	0.09	0.15	0.17	0.20	0.23	0.27	0.28	0.49	2.80
1948	0.02	0.03	0.05	0.07	0.13	0.24	0.26	0.36	0.43	0.55	2.81
1949	0.02	0.04	0.06	0.11	0.20	0.38	0.43	0.53	0.66	0.83	5.27
1950	0.10	0.13	0.20	0.24	0.27	0.42	0.55	0.66	0.74	1.03	6.12
1951	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	******
1952	0.03	0.05	0.06	0.09	0.17	0.28	0.39	0.69	1.19	1.47	******
1953	0.02	0.04	0.05	0.08	0.16	0.29	0.38	0.61	0.82	1.07	4.66
1954	0.04	0.05	0.07	0.11	0.15	0.26	0.40	0.57	0.92	1.32	4.43
1955	0.02	0.04	0.06	0.08	0.12	0.18	0.30	0.44	0.59	0.90	5.50
1956	0.06	0.07	0.10	0.13	0.23	0.41	0.58	0.94	1.25	1.55	4.37
1957	0.03	0.05	0.08	0.15	0.22	0.41	0.51	0.73	0.84	0.93	10.70
1958	0.10	0.15	0.15	0.15	0.22	0.33	0.46	0.70	0.98	1.26	12.21
1959	0.06	0.12	0.15	0.23	0.33	0.57	0.66	0.70	0.75	0.75	3.30
1960	0.18	0.21	0.28	0.33	0.34	0.61	0.68	1.16	1.42	1.60	7.57
1961	0.22	0.38	0.58	1.01	1.14	1.37	1.37	1.37	1.37	1.37	6.24
1962	0.03	0.05	0.07	0.14	0.23	0.37	0.50	0.83	1.40	2.14	6.61
1963	0.18	0.27	0.32	0.33	0.35	0.44	0.58	0.70	0.93	1.21	10.57
1964	0.04	0.05	0.07	0.12	0.19	0.30	0.36	0.48	0.75	0.90	5.55
1965	0.07	0.11	0.13	0.15	0.15	0.23	0.31	0.47	0.61	0.61	9.47
1966	0.20	0.20	0.20	0.20	0.30	0.38	0.51	0.90	1.64	2.87	7.96
1967	0.08	0.09	0.15	0.15	0.27	0.42	0.56	0.85	1.05	1.05	9.21
1968	0.07	0.08	0.09	0.17	0.31	0.45	0.52	0.69	0.85	0.86	5.54
1969	0.09	0.14	0.15	0.18	0.25	0.45	0.58	1.04	1.43	2.35	17.03
1970	0.15	0.19	0.20	0.32	0.45	0.50	0.68	0.77	0.89	1.46	8.85
1971	0.09	0.11	0.15	0.15	0.18	0.34	0.45	0.46	0.59	0.74	3.94
1972	0.04	0.06	0.08	0.14	0.18	0.31	0.36	0.46	0.56	0.69	4.51
1973	*****	*****	*****	*****	0.24	0.38	0.54	0.80	0.88	1.25	8.93
1974	*****	*****	*****	*****	1.65	1.79	1.80	1.80	1.80	1.80	9.00

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C50 9512 0	WELDON 1 WSW	2680	23	26S	34E	D	M	35.667	118.300	KERN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.08	0.11	0.14	0.19	0.33	0.44	0.53	0.69	0.87	1.10	6.87
5	0.12	0.16	0.20	0.28	0.49	0.65	0.77	1.01	1.28	1.62	9.32
10	0.14	0.20	0.25	0.34	0.59	0.79	0.93	1.22	1.55	1.96	10.87
20	0.17	0.23	0.29	0.39	0.69	0.92	1.09	1.43	1.80	2.29	12.29
25	0.17	0.24	0.30	0.41	0.72	0.96	1.14	1.49	1.88	2.39	12.74
40	0.19	0.26	0.33	0.45	0.78	1.04	1.24	1.62	2.05	2.60	13.64
50	0.20	0.27	0.34	0.46	0.81	1.08	1.29	1.68	2.13	2.70	14.06
100	0.22	0.30	0.38	0.51	0.90	1.20	1.43	1.87	2.37	3.00	15.34
200	0.24	0.33	0.41	0.56	0.99	1.32	1.57	2.06	2.60	3.29	16.58
1000	0.29	0.40	0.50	0.68	1.19	1.59	1.89	2.48	3.13	3.97	19.35
10000	0.36	0.50	0.62	0.84	1.47	1.96	2.34	3.06	3.87	4.90	23.14
PMP	0.70	0.97	1.20	1.63	2.86	3.82	4.55	5.95	7.52	9.53	47.19
MEAN	0.089	0.123	0.153	0.209	0.366	0.488	0.581	0.760	0.962	1.218	7.304
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	1.658	2.039	2.210	3.296	3.365	3.145	2.624	1.315	0.335	1.181	0.895
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.458 ; INTERCEPT (TIME=1 HOUR) =0.331 ; COEFFICIENT OF DETERMINATION = 0.991
1HR INTERCEPT / MEAN YR =0.04527 ; AVERAGE CALC CV / USED CV = 1.79

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	5.488	7.543	8.129	15.032	14.829	13.691	10.953	6.052	2.999	5.088	3.915
N	32	32	32	32	34	34	34	34	34	34	32
RECORD YEAR	1945	1945	1961	1961	1974	1974	1974	1974	1974	1966	1969
RECORD MAXIMUM	0.340	0.500	0.580	1.010	1.650	1.790	1.800	1.800	1.800	2.870	17.030
NORMILIZED MAX	3.117	3.518	3.364	4.341	3.691	3.839	3.752	3.254	2.282	3.133	2.914
CALC. COEF. VAR	0.904	0.867	0.829	0.884	0.951	0.694	0.559	0.420	0.382	0.433	0.457
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0122	0.0169	0.0210	0.0286	0.0501	0.0669	0.0795	0.1041	0.1316	0.1668	1.0000
RP10/A	0.0196	0.0272	0.0337	0.0460	0.0806	0.1076	0.1280	0.1675	0.2118	0.2684	1.4879
RP25/A	0.0239	0.0331	0.0411	0.0560	0.0981	0.1310	0.1558	0.2040	0.2579	0.3268	1.7435
RP50/A	0.0270	0.0374	0.0464	0.0633	0.1108	0.1480	0.1760	0.2304	0.2914	0.3691	1.9253
RP100/A	0.0300	0.0416	0.0516	0.0703	0.1232	0.1646	0.1957	0.2562	0.3240	0.4105	2.1002
RP1000/A	0.0397	0.0550	0.0682	0.0930	0.1630	0.2176	0.2588	0.3389	0.4285	0.5428	2.6493
RP10000/A	0.0690	0.0680	0.0843	0.1149	0.2014	0.2689	0.3198	0.4187	0.5294	0.6706	3.1683
PMP/A	0.0954	0.1322	0.1640	0.2236	0.3919	0.5232	0.6223	0.8147	1.0301	1.3051	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C60 5098 0	LORAINE	2720	21	30S	33E	R	M	35.335	118.480	KERN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	0.06	0.08	0.11	0.17	0.30	0.46	0.64	1.03	1.38	1.38	8.67
1942	0.07	0.10	0.14	0.25	0.39	0.58	0.59	0.86	1.45	2.42	10.41
1943	0.06	0.09	0.12	0.20	0.33	0.53	0.72	1.12	1.48	1.93	20.14
1944	0.08	0.10	0.13	0.20	0.30	0.60	0.71	0.97	1.33	2.43	17.59
1945	0.34	0.68	0.95	1.10	1.16	1.65	1.81	2.10	2.12	2.12	20.13
1946	0.09	0.10	0.15	0.20	0.34	0.42	0.54	0.82	0.97	1.36	12.02
1947	0.05	0.07	0.09	0.15	0.22	0.40	0.52	0.86	0.91	1.00	5.76
1948	0.04	0.06	0.08	0.14	0.25	0.37	0.44	0.49	0.52	0.87	9.09
1949	0.07	0.09	0.11	0.20	0.31	0.49	0.68	1.11	1.51	1.51	13.31
1950	0.06	0.07	0.10	0.18	0.35	0.55	0.70	1.04	1.69	1.95	14.58
1951	0.16	0.21	0.26	0.31	0.59	0.94	1.16	1.68	1.71	2.70	16.53
1952	0.06	0.09	0.12	0.24	0.38	0.60	0.75	0.86	0.96	1.20	16.66
1953	0.09	0.11	0.12	0.17	0.33	0.66	0.92	0.97	1.30	1.86	8.85
1954	0.04	0.08	0.10	0.15	0.23	0.34	0.50	0.68	1.12	1.27	12.00
1955	0.11	0.16	0.21	0.31	0.45	0.85	1.19	1.77	2.20	2.21	14.19
1956	0.09	0.14	0.21	0.22	0.25	0.50	0.61	1.02	1.64	2.18	11.02
1957	0.11	0.16	0.17	0.20	0.35	0.65	0.90	1.07	1.07	1.17	12.76
1958	0.09	0.12	0.16	0.22	0.37	0.71	0.88	1.22	1.40	1.88	18.20
1959	0.16	0.17	0.17	0.31	0.50	0.59	0.77	0.89	0.89	1.15	4.67
1960	0.17	0.18	0.22	0.31	0.42	0.74	1.12	1.61	1.99	3.00	15.47
1961	0.10	0.15	0.22	0.30	0.40	0.42	0.44	0.70	0.80	0.81	6.78
1962	0.08	0.13	0.15	0.28	0.38	0.67	0.82	1.15	1.18	1.19	12.18
1963	0.16	0.19	0.21	0.26	0.29	0.46	0.65	1.03	1.61	1.70	14.93
1964	0.10	0.12	0.15	0.28	0.46	0.85	1.04	1.56	1.90	2.60	17.50
1965	0.13	0.18	0.27	0.30	0.31	0.38	0.45	0.66	1.15	1.40	12.77
1966	0.19	0.28	0.42	0.53	0.75	1.30	1.43	1.75	3.02	4.05	12.31
1967	0.11	0.22	0.28	0.33	0.43	0.74	0.87	0.88	0.88	0.92	15.49
1968	0.06	0.09	0.12	0.20	0.25	0.38	0.50	0.75	1.09	1.45	10.02
1969	0.06	0.08	0.10	0.19	0.29	0.45	0.62	0.86	1.29	1.85	18.41
1970	0.17	0.18	0.19	0.21	0.27	0.47	0.70	1.15	1.93	2.37	16.47
1971	0.03	0.06	0.09	0.15	0.22	0.33	0.41	0.78	0.99	1.01	8.30
1972	0.20	0.32	0.40	0.50	0.67	0.79	0.90	1.31	2.05	2.26	11.77
1973	*****	*****	*****	*****	1.39	1.55	1.55	1.55	1.55	1.55	18.09
1974	*****	*****	*****	*****	0.46	0.56	0.83	1.46	2.22	2.22	12.79

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C60 5098 0	LORAINE	2720	21	30S	33E	R	M	35.335	118.480	KERN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.10	0.14	0.18	0.25	0.38	0.58	0.73	1.00	1.31	1.62	12.44
5	0.14	0.20	0.26	0.36	0.56	0.86	1.07	1.47	1.92	2.38	16.88
10	0.17	0.24	0.32	0.44	0.68	1.04	1.29	1.78	2.33	2.89	19.69
20	0.20	0.28	0.37	0.51	0.79	1.21	1.51	2.07	2.72	3.36	22.27
25	0.21	0.30	0.39	0.54	0.83	1.27	1.58	2.16	2.84	3.51	23.07
40	0.23	0.32	0.42	0.58	0.90	1.38	1.72	2.36	3.09	3.82	24.71
50	0.23	0.34	0.44	0.61	0.94	1.43	1.78	2.45	3.21	3.97	25.47
100	0.26	0.37	0.49	0.67	1.04	1.59	1.98	2.72	3.57	4.41	27.79
200	0.29	0.41	0.53	0.74	1.14	1.75	2.18	2.99	3.92	4.85	30.03
1000	0.34	0.49	0.64	0.89	1.38	2.10	2.62	3.60	4.72	5.84	35.05
10000	0.43	0.61	0.79	1.10	1.70	2.60	3.24	4.44	5.83	7.21	41.92
PMP	0.83	1.19	1.55	2.14	3.31	5.06	6.30	8.64	11.35	14.03	85.47
MEAN	0.106	0.152	0.197	0.274	0.423	0.666	0.805	1.105	1.450	1.793	13.231
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.825	3.389	3.639	3.679	2.704	1.944	1.361	0.852	0.820	0.991	-0.205
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.430 ; INTERCEPT (TIME=1 HOUR) =0.427 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.03225 ; AVERAGE CALC CV / USED CV = 1.35

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	7.888	17.255	18.740	18.990	10.919	6.939	5.047	3.529	4.251	4.770	2.597
N	32	32	32	32	34	34	34	34	34	34	34
RECORD YEAR	1945	1945	1945	1945	1973	1945	1945	1945	1966	1966	1943
RECORD MAXIMUM	0.340	0.680	0.950	1.100	1.390	1.650	1.810	2.100	3.020	4.050	20.140
NORMILIZED MAX	3.707	4.595	4.694	4.708	3.878	3.190	3.069	2.706	3.028	3.198	1.709
CALC. COEF. VAR	0.596	0.757	0.812	0.641	0.589	0.487	0.407	0.333	0.358	0.394	0.306
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0080	0.0115	0.0149	0.0207	0.0320	0.0489	0.0608	0.0835	0.1096	0.1355	1.0000
RP10/A	0.0129	0.0185	0.0240	0.0333	0.0515	0.0786	0.0979	0.1344	0.1764	0.2181	1.4879
RP25/A	0.0157	0.0225	0.0292	0.0405	0.0627	0.0957	0.1192	0.1636	0.2147	0.2655	1.7435
RP50/A	0.0177	0.0254	0.0330	0.0458	0.0708	0.1081	0.1346	0.1848	0.2426	0.3000	1.9253
RP100/A	0.0197	0.0282	0.0367	0.0509	0.0787	0.1202	0.1497	0.2055	0.2697	0.3335	2.1002
RP1000/A	0.0261	0.0374	0.0486	0.0673	0.1041	0.1590	0.1980	0.2717	0.3567	0.4411	2.6493
RP10000/A	0.0322	0.0462	0.0600	0.0832	0.1286	0.1965	0.2446	0.3357	0.4407	0.5450	3.1683
PMP/A	0.0627	0.0898	0.1168	0.1619	0.2503	0.3823	0.4759	0.6533	0.8575	1.0605	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
C60 RR26 1	TEHACHAPI NO 1	4150	28	325	33E	N	M	35.112	118.448	KERN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1964	0.10	0.10	0.12	0.20	0.31	0.41	0.62	0.80	0.82	0.82	10.12
1965	0.07	0.10	0.13	0.20	0.25	0.44	0.60	1.01	1.40	1.94	16.26
1966	0.07	0.14	0.18	0.28	0.47	0.56	0.66	1.18	2.29	2.44	10.92
1967	0.30	0.46	0.50	0.58	0.75	0.83	0.85	1.27	2.15	2.55	15.20
1968	0.51	0.71	0.83	1.44	1.91	1.91	1.91	1.91	1.91	1.91	11.98
1969	0.08	0.12	0.15	0.19	0.27	0.44	0.60	1.07	1.62	2.39	17.90
1970	0.04	0.07	0.10	0.15	0.20	0.43	0.55	0.94	1.26	1.74	9.98
1971	0.04	0.08	0.11	0.20	0.38	0.76	0.91	1.77	3.10	4.37	10.02
1972	0.11	0.21	0.28	0.40	0.43	0.46	0.46	0.46	0.46	0.46	2.77
1973	0.10	0.19	0.21	0.30	0.43	0.76	0.96	*****	*****	2.44	13.56
1974	0.10	0.11	0.15	0.20	0.21	0.40	0.57	1.00	1.67	1.67	9.54

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
C60 RR26 1	TEHACHAPI NO 1	4150	28	325	33E	N	M	35.112	118.448	KERN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.12	0.19	0.23	0.34	0.46	0.61	0.71	1.03	1.51	1.87	10.96
5	0.18	0.28	0.33	0.50	0.68	0.89	1.05	1.51	2.21	2.74	14.87
10	0.22	0.34	0.40	0.61	0.82	1.08	1.27	1.84	2.68	3.33	17.35
20	0.26	0.39	0.47	0.71	0.96	1.26	1.48	2.14	3.13	3.88	19.62
25	0.27	0.41	0.49	0.74	1.00	1.32	1.55	2.24	3.27	4.05	20.33
40	0.29	0.44	0.54	0.80	1.09	1.43	1.68	2.43	3.56	4.41	21.78
50	0.31	0.46	0.56	0.83	1.13	1.49	1.75	2.53	3.69	4.57	22.45
100	0.34	0.51	0.62	0.93	1.26	1.66	1.94	2.81	4.10	5.09	24.49
200	0.37	0.56	0.68	1.02	1.38	1.82	2.14	3.09	4.51	5.59	26.46
1000	0.45	0.68	0.82	1.22	1.66	2.19	2.57	3.71	5.43	6.73	30.89
10000	0.56	0.84	1.01	1.51	2.05	2.71	3.18	4.59	6.71	8.31	36.94
PMP	1.08	1.63	1.96	2.95	3.99	5.26	6.18	8.93	13.05	16.17	75.32
MEAN	0.138	0.208	0.251	0.376	0.510	0.673	0.790	1.141	1.668	2.066	11.659
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.252	2.060	2.155	2.734	2.763	2.591	2.462	0.586	0.271	0.729	-0.590
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.515 ; INTERCEPT (TIME=1 HOUR) =0.489 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.04197 ; AVERAGE CALC CV / USED CV = 1.88

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	8.292	7.322	7.940	11.074	11.295	10.571	10.042	4.261	4.302	5.849	4.996
N	11	11	11	11	11	11	11	10	10	11	11
RECORD YEAR	1968	1968	1968	1968	1968	1968	1968	1968	1971	1971	1969
RECORD MAXIMUM	0.510	0.710	0.830	1.440	1.910	1.910	1.910	1.910	3.100	4.370	17.900
NORMILIZED MAX	2.619	2.520	2.591	2.844	2.858	2.810	2.771	1.786	1.894	2.263	1.521
CALC. COEF. VAR	1.027	0.957	0.891	0.994	0.961	0.655	0.512	0.377	0.453	0.493	0.352
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0119	0.0179	0.0215	0.0323	0.0437	0.0577	0.0678	0.0979	0.1431	0.1772	1.0000
RP10/A	0.0191	0.0287	0.0346	0.0519	0.0704	0.0929	0.1090	0.1575	0.2302	0.2852	1.4879
RP25/A	0.0232	0.0350	0.0422	0.0632	0.0857	0.1130	0.1328	0.1917	0.2803	0.3472	1.7435
RP50/A	0.0262	0.0395	0.0476	0.0714	0.0968	0.1277	0.1500	0.2166	0.3166	0.3923	1.9253
RP100/A	0.0292	0.0439	0.0530	0.0794	0.1077	0.1420	0.1668	0.2408	0.3521	0.4362	2.1002
RP1000/A	0.0386	0.0581	0.0700	0.1051	0.1424	0.1878	0.2205	0.3185	0.4656	0.5768	2.6493
RP10000/A	0.0477	0.0718	0.0865	0.1298	0.1759	0.2320	0.2725	0.3935	0.5753	0.7127	3.1683
PMP/A	0.0927	0.1397	0.1684	0.2526	0.3423	0.4515	0.5302	0.7658	1.1195	1.3868	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
C60 8826 2	TEHACHAPI NO 2	4700	35	12N	15W	D	S	35.092	118.448	KERN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1964	0.07	0.09	0.11	0.12	0.22	0.28	0.45	0.60	0.68	0.70	7.66
1965	0.10	0.15	0.15	0.16	0.31	0.31	0.31	0.45	0.60	0.65	10.34
1966	0.15	0.15	0.18	0.26	0.32	0.44	0.62	1.10	1.83	2.15	******
1968	0.20	0.30	0.41	0.55	0.66	0.66	0.66	0.66	0.66	0.66	26.67
1969	0.05	0.10	0.11	0.22	0.40	0.68	1.00	1.76	2.72	3.74	24.89
1970	0.07	0.08	0.15	0.26	0.46	0.73	1.10	1.42	1.85	2.40	12.53
1971	0.10	0.15	0.17	0.30	0.47	0.94	1.30	2.25	4.65	6.90	17.23
1972	0.25	0.35	0.40	0.65	0.77	0.85	0.85	0.85	0.92	1.20	6.75
1973	0.10	0.17	0.23	0.40	0.40	0.55	0.84	1.20	1.52	1.90	17.98
1974	0.07	0.08	0.09	0.14	0.25	0.58	0.83	1.10	1.70	1.75	12.37

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
C60 8826 2	TEHACHAPI NO 2	4700	35	12N	15W	D	S	35.092	118.448	KERN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.10	0.15	0.18	0.28	0.39	0.54	0.72	1.03	1.55	1.99	14.25
5	0.15	0.22	0.27	0.41	0.57	0.80	1.06	1.51	2.27	2.93	19.34
10	0.19	0.26	0.32	0.49	0.69	0.97	1.28	1.83	2.76	3.55	22.55
20	0.22	0.30	0.38	0.57	0.80	1.13	1.49	2.13	3.21	4.14	25.51
25	0.23	0.32	0.39	0.60	0.83	1.18	1.56	2.23	3.36	4.32	26.43
40	0.25	0.35	0.43	0.65	0.91	1.28	1.70	2.43	3.65	4.70	28.31
50	0.26	0.36	0.44	0.68	0.94	1.33	1.76	2.52	3.79	4.88	29.18
100	0.29	0.40	0.49	0.75	1.05	1.48	1.96	2.80	4.22	5.43	31.83
200	0.31	0.44	0.54	0.83	1.15	1.63	2.15	3.08	4.63	5.96	34.41
1000	0.38	0.53	0.65	1.00	1.39	1.96	2.59	3.70	5.58	7.18	40.16
10000	0.47	0.65	0.80	1.23	1.71	2.42	3.20	4.58	6.89	8.87	48.02
PMP	0.91	1.27	1.56	2.39	3.33	4.71	6.23	8.90	13.40	17.25	97.92
MEAN	0.116	0.162	0.200	0.306	0.426	0.602	0.796	1.138	1.713	2.205	15.158
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.256	1.316	1.289	1.030	0.950	-0.083	0.004	0.823	1.633	1.897	0.587
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.465 ; INTERCEPT (TIME=1 HOUR) =0.429 ; COEFFICIENT OF DETERMINATION = 0.998
INR INTERCEPT / MEAN YR =0.02834 ; AVERAGE CALC CV / USED CV = 1.08

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	4.607	4.683	4.311	4.067	4.246	3.268	3.677	4.274	6.775	7.597	3.343
N	10	10	10	10	10	10	10	10	10	10	9
RECORD YEAR	1972	1972	1968	1972	1972	1971	1971	1971	1971	1971	1968
RECORD MAXIMUM	0.250	0.350	0.410	0.650	0.770	0.940	1.300	2.250	4.650	6.900	26.670
NORMILIZED MAX	2.072	2.028	1.822	1.944	1.966	1.565	1.691	2.004	2.376	2.459	1.619
CALC. COEF. VAR	0.558	0.572	0.576	0.578	0.411	0.359	0.374	0.488	0.722	0.866	0.469
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0077	0.0107	0.0132	0.0202	0.0281	0.0397	0.0525	0.0751	0.1130	0.1455	1.0000
RP10/A	0.0123	0.0172	0.0212	0.0325	0.0452	0.0639	0.0845	0.1208	0.1819	0.2341	1.4879
RP25/A	0.0150	0.0209	0.0259	0.0396	0.0551	0.0778	0.1029	0.1471	0.2214	0.2850	1.7435
RP50/A	0.0169	0.0237	0.0292	0.0447	0.0622	0.0879	0.1162	0.1662	0.2501	0.3220	1.9253
RP100/A	0.0188	0.0263	0.0325	0.0497	0.0692	0.0977	0.1292	0.1848	0.2781	0.3580	2.1002
RP1000/A	0.0249	0.0348	0.0429	0.0657	0.0915	0.1293	0.1709	0.2444	0.3678	0.4735	2.6493
RP10000/A	0.0308	0.0430	0.0531	0.0812	0.1130	0.1597	0.2112	0.3019	0.4544	0.5849	3.1683
PMP/A	0.0599	0.0836	0.1032	0.1580	0.2199	0.3108	0.4109	0.5875	0.8843	1.1383	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
C60 8826 4	TEHACHAPI NO 4	5100	01	11N	15W	G	S	35.075	118.424	KERN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1964	0.25	0.47	0.57	0.65	0.65	0.72	0.80	0.90	0.90	0.90	12.60
1965	0.07	0.09	0.12	0.22	0.24	0.36	0.45	0.67	0.76	1.33	17.16
1966	0.07	0.15	0.19	0.25	0.28	0.30	0.55	0.65	1.03	1.49	11.54
1967	0.07	0.10	0.15	0.15	0.22	0.40	0.54	0.83	0.90	0.92	14.65
1968	0.09	0.14	0.19	0.34	0.47	0.66	0.90	1.13	1.35	1.90	23.86
1969	0.08	0.12	0.15	0.30	0.38	0.60	0.70	1.58	2.66	3.46	23.89
1970	0.12	0.15	0.22	0.35	0.58	0.74	1.06	1.33	1.55	1.80	12.27
1971	0.20	0.28	0.40	0.55	0.55	0.60	0.83	1.57	2.37	4.37	14.12
1972	0.30	0.40	0.65	1.10	1.65	2.05	2.06	2.06	2.06	2.38	8.36
1973	0.15	0.30	0.40	0.50	0.60	0.79	1.12	1.17	1.17	1.45	20.29
1974	0.05	0.05	0.09	0.14	0.25	0.46	0.70	0.85	1.36	1.55	12.26

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
C60 8826 4	TEHACHAPI NO 4	5100	01	11N	15W	G	S	35.075	118.424	KERN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.12	0.18	0.26	0.37	0.48	0.63	0.80	1.05	1.32	1.77	14.62
5	0.17	0.27	0.38	0.55	0.71	0.93	1.17	1.54	1.94	2.60	19.83
10	0.21	0.33	0.46	0.67	0.86	1.12	1.42	1.86	2.36	3.15	23.13
20	0.25	0.38	0.53	0.78	1.00	1.31	1.66	2.17	2.75	3.67	26.17
25	0.26	0.40	0.56	0.81	1.05	1.37	1.73	2.27	2.87	3.84	27.10
40	0.28	0.44	0.61	0.88	1.14	1.49	1.88	2.47	3.12	4.18	29.03
50	0.29	0.45	0.63	0.92	1.18	1.55	1.95	2.56	3.24	4.34	29.93
100	0.32	0.50	0.70	1.02	1.32	1.72	2.17	2.85	3.60	4.82	32.65
200	0.36	0.55	0.77	1.12	1.45	1.89	2.39	3.13	3.96	5.30	35.29
1000	0.43	0.67	0.93	1.35	1.74	2.27	2.87	3.77	4.77	6.38	41.18
10000	0.53	0.82	1.14	1.66	2.15	2.81	3.55	4.66	5.89	7.88	49.25
PMP	1.03	1.60	2.23	3.24	4.18	5.46	6.91	9.06	11.46	15.33	100.42
MEAN	0.132	0.205	0.285	0.414	0.535	0.698	0.883	1.158	1.465	1.959	15.545
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.099	0.940	0.991	1.599	2.428	2.617	2.075	0.782	0.876	1.444	0.657
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.488 ; INTERCEPT (TIME=1 HOUR) =0.524 ; COEFFICIENT OF DETERMINATION = 0.983
1HR INTERCEPT / MEAN YR =0.03369 ; AVERAGE CALC CV / USED CV = 1.44

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	3.831	3.535	3.513	6.512	10.122	10.981	8.647	3.823	3.425	5.275	3.211
N	11	11	11	11	11	11	11	11	11	11	11
RECORD YEAR	1972	1964	1972	1972	1972	1972	1972	1972	1969	1971	1969
RECORD MAXIMUM	0.300	0.470	0.650	1.100	1.650	2.050	2.060	2.060	2.660	4.370	23.890
NORMALIZED MAX	2.011	1.933	1.913	2.451	2.774	2.833	2.655	2.038	1.880	2.247	1.622
CALC. COEF. VAR	0.635	0.672	0.671	0.677	0.752	0.684	0.502	0.382	0.434	0.548	0.331
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0085	0.0132	0.0183	0.0266	0.0344	0.0449	0.0568	0.0745	0.0942	0.1260	1.0000
RP10/A	0.0136	0.0212	0.0295	0.0428	0.0553	0.0723	0.0914	0.1199	0.1516	0.2028	1.4879
RP25/A	0.0166	0.0258	0.0359	0.0521	0.0674	0.0880	0.1113	0.1460	0.1846	0.2469	1.7435
RP50/A	0.0188	0.0291	0.0405	0.0589	0.0761	0.0994	0.1257	0.1649	0.2085	0.2789	1.9253
RP100/A	0.0209	0.0324	0.0450	0.0655	0.0846	0.1105	0.1397	0.1834	0.2319	0.3101	2.1002
RP1000/A	0.0276	0.0428	0.0596	0.0866	0.1119	0.1462	0.1848	0.2425	0.3066	0.4102	2.6493
RP10000/A	0.0341	0.0529	0.0736	0.1070	0.1383	0.1806	0.2283	0.2996	0.3788	0.5068	3.1683
PMP/A	0.0664	0.1030	0.1432	0.2082	0.2691	0.3514	0.4443	0.5830	0.7372	0.9861	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C60 8826 6	TEHACHAPI NO 6	5000	12	11N	14W	A	S	35.064	118.417	KERN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1963	0.07	0.10	0.11	0.13	0.23	0.37	0.52	0.69	0.78	0.80	8.74
1964	0.10	0.13	0.20	0.28	0.30	0.36	0.56	0.75	0.77	0.98	9.79
1965	0.10	0.20	0.25	0.35	0.47	0.53	0.65	0.82	1.55	1.65	19.26
1966	0.07	0.07	0.10	0.17	0.22	0.37	0.52	0.75	1.30	1.66	15.33
1967	0.08	0.15	0.22	0.32	0.52	0.65	1.08	1.99	3.12	4.75	20.72
1968	0.06	0.10	0.17	0.30	0.47	0.72	0.95	1.25	1.99	2.77	11.09
1969	0.08	0.12	0.15	0.25	0.32	0.47	0.70	1.04	1.49	1.57	29.39
1970	0.08	0.15	0.20	0.33	0.60	0.95	1.44	1.86	2.30	2.90	14.76
1971	0.30	0.55	0.60	0.65	0.67	1.18	1.60	3.00	4.50	6.45	17.29
1972	0.25	0.50	0.75	1.30	1.90	2.28	2.28	2.28	2.28	2.53	9.81
1973	0.20	0.35	0.45	0.59	0.78	0.89	1.30	2.10	2.65	3.20	20.25
1974	0.15	0.15	0.25	0.50	0.98	1.16	1.31	1.50	2.30	2.30	16.77

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C60 8826 6	TEHACHAPI NO 6	5000	12	11N	14W	A	S	35.064	118.417	KERN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.12	0.19	0.26	0.39	0.55	0.75	0.97	1.36	1.89	2.38	15.14
5	0.17	0.28	0.38	0.57	0.81	1.10	1.43	1.99	2.77	3.49	20.54
10	0.21	0.34	0.46	0.69	0.99	1.33	1.73	2.42	3.36	4.23	23.96
20	0.24	0.40	0.54	0.81	1.15	1.55	2.02	2.82	3.91	4.93	27.10
25	0.25	0.42	0.56	0.84	1.20	1.62	2.11	2.94	4.09	5.15	28.07
40	0.27	0.46	0.61	0.92	1.31	1.76	2.29	3.20	4.45	5.61	30.07
50	0.28	0.47	0.64	0.95	1.36	1.83	2.38	3.33	4.62	5.82	31.00
100	0.32	0.53	0.71	1.06	1.51	2.04	2.65	3.70	5.13	6.47	33.81
200	0.35	0.58	0.78	1.16	1.66	2.24	2.91	4.06	5.64	7.11	36.55
1000	0.42	0.70	0.94	1.40	2.00	2.69	3.50	4.89	6.79	8.56	42.65
10000	0.52	0.86	1.16	1.73	2.47	3.33	4.33	6.04	8.39	10.58	51.01
PMP	1.00	1.68	2.25	3.37	4.80	6.48	8.42	11.76	16.32	20.58	104.01
MEAN	0.128	0.214	0.287	0.431	0.613	0.827	1.076	1.502	2.056	2.630	16.100
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.320	1.428	1.474	2.130	2.262	1.876	0.945	0.628	0.954	1.339	0.793
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.426 ; INTERCEPT (TIME=1 HOUR) =0.592 ; COEFFICIENT OF DETERMINATION = 0.985
1HR INTERCEPT / MEAN YR =0.03677 ; AVERAGE CALC CV / USED CV = 1.48

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	4.231	4.381	4.899	8.662	9.402	7.683	4.365	3.276	5.055	5.440	4.531
N	12	12	12	12	12	12	12	12	12	12	12
RECORD YEAR	1971	1971	1972	1972	1972	1972	1972	1971	1971	1971	1969
RECORD MAXIMUM	0.300	0.550	0.750	1.300	1.900	2.280	2.280	3.000	4.500	6.450	29.390
NORMILIZED MAX	2.152	2.074	2.262	2.756	2.818	2.668	2.238	2.010	2.306	2.364	2.237
CALC. COEF. VAR	0.621	0.756	0.711	0.732	0.744	0.658	0.500	0.496	0.502	0.614	0.369
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0080	0.0133	0.0179	0.0268	0.0381	0.0514	0.0668	0.0933	0.1296	0.1634	1.0000
RP10/A	0.0128	0.0214	0.0287	0.0431	0.0613	0.0827	0.1075	0.1502	0.2085	0.2629	1.4879
RP25/A	0.0156	0.0261	0.0350	0.0524	0.0746	0.1007	0.1309	0.1828	0.2538	0.3201	1.7435
RP50/A	0.0176	0.0294	0.0395	0.0592	0.0843	0.1138	0.1479	0.2066	0.2867	0.3615	1.9253
RP100/A	0.0196	0.0327	0.0439	0.0659	0.0938	0.1265	0.1644	0.2297	0.3188	0.4020	2.1002
RP1000/A	0.0259	0.0433	0.0581	0.0871	0.1240	0.1673	0.2175	0.3037	0.4217	0.5317	2.6493
RP10000/A	0.0321	0.0535	0.0718	0.1076	0.1532	0.2067	0.2687	0.3753	0.5210	0.6569	3.1683
PMP/A	0.0624	0.1041	0.1397	0.2094	0.2981	0.4022	0.5229	0.7303	1.0138	1.2782	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C60 8826 9	TEHACHAPI NO 9	5500	11	11N	15W	G	S	35.060	118.439	KERN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1964	0.06	0.12	0.14	0.20	0.30	0.45	0.64	0.77	0.90	1.03	19.39
1965	0.07	0.14	0.20	0.38	0.42	0.48	0.52	0.68	1.07	1.20	16.78
1966	0.08	0.12	0.14	0.25	0.44	0.68	1.05	1.85	3.47	3.74	17.06
1967	0.12	0.15	0.16	0.30	0.50	0.90	1.15	2.10	3.17	4.60	20.64
1968	0.08	0.10	0.15	0.31	0.46	0.73	0.88	1.31	2.05	2.85	12.33
1969	0.10	0.10	0.15	0.24	0.38	0.85	0.90	1.60	2.41	2.93	30.83
1970	0.09	0.17	0.18	0.32	0.70	1.10	1.20	1.62	2.00	2.56	14.81
1971	0.30	0.60	0.70	0.78	0.82	0.98	1.34	2.65	4.63	6.93	17.91
1972	0.35	0.75	1.25	1.62	2.13	2.30	2.30	2.30	2.30	2.70	10.20
1973	0.25	0.50	0.57	0.68	0.90	0.92	1.32	1.60	2.20	2.76	22.42
1974	0.10	0.20	0.31	0.31	0.31	0.47	0.59	0.89	1.29	2.55	14.71

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C60 8826 9	TEHACHAPI NO 9	5500	11	11N	15W	G	S	35.060	118.439	KERN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.13	0.24	0.32	0.44	0.60	0.81	0.98	1.43	2.10	2.78	16.85
5	0.19	0.36	0.48	0.65	0.88	1.19	1.43	2.10	3.08	4.08	22.86
10	0.23	0.43	0.58	0.79	1.06	1.44	1.74	2.54	3.73	4.95	26.66
20	0.27	0.50	0.67	0.92	1.24	1.68	2.03	2.96	4.35	5.77	30.16
25	0.28	0.53	0.70	0.96	1.29	1.76	2.12	3.09	4.54	6.03	31.24
40	0.31	0.57	0.77	1.04	1.41	1.91	2.30	3.37	4.94	6.56	33.46
50	0.32	0.59	0.79	1.08	1.46	1.98	2.39	3.49	5.13	6.81	34.49
100	0.36	0.66	0.88	1.21	1.62	2.21	2.66	3.89	5.70	7.57	37.63
200	0.39	0.73	0.97	1.32	1.78	2.42	2.92	4.27	6.27	8.32	40.67
1000	0.47	0.87	1.17	1.59	2.15	2.92	3.52	5.14	7.54	10.01	47.47
10000	0.58	1.08	1.44	1.97	2.65	3.60	4.35	6.35	9.32	12.37	56.76
PMP	1.14	2.10	2.81	3.83	5.16	7.01	8.46	12.36	18.13	24.07	115.74
MEAN	0.145	0.268	0.359	0.490	0.660	0.896	1.081	1.579	2.317	3.075	17.916
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.276	1.357	1.963	2.344	2.630	2.258	1.459	0.077	0.778	1.313	1.115
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.473 ; INTERCEPT (TIME=1 HOUR) =0.649 ; COEFFICIENT OF DETERMINATION = 0.970
1HR INTERCEPT / MEAN YR =0.03624 ; AVERAGE CALC CV / USED CV = 1.64

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	3.855	4.134	7.214	9.167	10.794	9.545	6.740	3.090	4.332	6.277	5.796
N	11	11	11	11	11	11	11	11	11	11	11
RECORD YEAR	1972	1972	1972	1972	1972	1972	1972	1971	1971	1971	1969
RECORD MAXIMUM	0.350	0.750	1.250	1.620	2.130	2.300	2.300	2.650	4.630	6.930	30.830
NORMILIZED MAX	1.986	2.071	2.533	2.706	2.824	2.727	2.461	1.688	2.092	2.381	2.322
CALC. COEF. VAR	0.708	0.867	0.980	0.852	0.789	0.574	0.458	0.402	0.477	0.526	0.310
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0081	0.0150	0.0200	0.0273	0.0368	0.0500	0.0603	0.0881	0.1293	0.1717	1.0000
RP10/A	0.0131	0.0241	0.0323	0.0440	0.0593	0.0805	0.0971	0.1418	0.2081	0.2762	1.4879
RP25/A	0.0159	0.0293	0.0393	0.0536	0.0722	0.0980	0.1182	0.1727	0.2534	0.3363	1.7635
RP50/A	0.0180	0.0331	0.0444	0.0605	0.0815	0.1107	0.1335	0.1951	0.2863	0.3799	1.9253
RP100/A	0.0200	0.0368	0.0493	0.0673	0.0907	0.1231	0.1485	0.2169	0.3183	0.4224	2.1002
RP1000/A	0.0264	0.0487	0.0652	0.0890	0.1199	0.1628	0.1964	0.2869	0.4210	0.5587	2.6493
RP10000/A	0.0326	0.0602	0.0806	0.1100	0.1481	0.2012	0.2426	0.3544	0.5201	0.6902	3.1683
PMP/A	0.0635	0.1171	0.1568	0.2140	0.2883	0.3915	0.4721	0.6897	1.0121	1.3432	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE .

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C60 6R26 12	TEHACHAPI NO 12	5500	02	11N	15W	M	S	35.071	118.447	KERN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1964	0.15	0.17	0.17	0.30	0.32	0.37	0.53	0.72	0.83	0.89	11.88
1965	0.08	0.11	0.12	0.15	0.30	0.37	0.55	0.65	0.97	1.45	18.76
1966	0.06	0.08	0.12	0.24	0.45	0.70	0.90	1.69	2.98	3.17	13.32
1967	0.05	0.10	0.12	0.20	0.35	0.67	0.98	1.60	2.52	3.84	16.36
1968	0.06	0.12	0.15	0.28	0.46	0.65	0.85	1.09	1.37	1.67	25.65
1969	0.07	0.11	0.12	0.18	0.35	0.65	0.96	1.82	2.96	4.01	24.89
1970	0.08	0.15	0.18	0.42	0.76	1.15	1.26	1.65	1.98	2.02	13.93
1971	0.10	0.15	0.23	0.30	0.32	0.47	0.66	1.22	1.50	1.50	16.18
1972	0.35	0.55	0.70	1.00	1.45	1.53	1.53	1.53	1.53	1.83	7.43
1973	0.08	0.16	0.20	0.29	0.43	0.57	0.90	0.93	0.95	0.95	21.17
1974	0.13	0.13	0.13	0.17	0.22	0.43	0.64	1.01	1.50	1.80	13.16

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C60 6R26 12	TEHACHAPI NO 12	5500	02	11N	15W	M	S	35.071	118.447	KERN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.10	0.15	0.18	0.29	0.44	0.62	0.80	1.14	1.58	1.90	15.62
5	0.15	0.22	0.27	0.43	0.65	0.91	1.18	1.68	2.31	2.79	21.19
10	0.18	0.27	0.33	0.52	0.79	1.11	1.43	2.03	2.81	3.38	24.72
20	0.21	0.31	0.38	0.60	0.92	1.29	1.66	2.37	3.27	3.94	27.96
25	0.22	0.33	0.40	0.63	0.96	1.35	1.74	2.48	3.42	4.12	28.96
40	0.23	0.35	0.43	0.68	1.05	1.47	1.89	2.70	3.72	4.48	31.02
50	0.24	0.37	0.45	0.71	1.09	1.52	1.96	2.80	3.86	4.65	31.98
100	0.27	0.41	0.50	0.79	1.21	1.69	2.18	3.11	4.29	5.17	34.89
200	0.30	0.45	0.55	0.87	1.33	1.86	2.40	3.42	4.71	5.69	37.71
1000	0.36	0.54	0.66	1.04	1.60	2.24	2.89	4.12	5.68	6.84	44.01
10000	0.44	0.67	0.82	1.29	1.98	2.76	3.57	5.08	7.01	8.46	52.63
PMP	0.86	1.30	1.59	2.51	3.85	5.38	6.94	9.90	13.64	16.45	107.31
MEAN	0.110	0.166	0.204	0.321	0.492	0.687	0.887	1.265	1.744	2.103	16.612
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.625	3.048	3.031	2.717	2.495	1.660	0.907	-0.158	0.622	0.908	0.304
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.416 ; INTERCEPT (TIME=1 HOUR) =0.471 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.02836 ; AVERAGE CALC CV / USED CV = 1.47

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	10.684	12.737	12.603	11.209	9.899	6.150	4.464	2.406	2.975	3.403	3.397
N	11	11	11	11	11	11	11	11	11	11	11
RECORD YEAR	1972	1972	1972	1972	1972	1972	1972	1969	1966	1969	1968
RECORD MAXIMUM	0.350	0.550	0.700	1.000	1.450	1.530	1.530	1.820	2.980	4.010	25.650
NORMILIZED MAX	2.817	2.947	2.940	2.851	2.758	2.378	2.117	1.345	1.596	1.760	1.617
CALC. COEF. VAR	0.775	0.782	0.829	0.742	0.706	0.516	0.342	0.326	0.444	0.515	0.337
BEGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0066	0.0100	0.0123	0.0193	0.0296	0.0414	0.0534	0.0761	0.1050	0.1266	1.0000
RP10/A	0.0107	0.0161	0.0197	0.0311	0.0476	0.0666	0.0860	0.1225	0.1689	0.2037	1.4879
RP25/A	0.0130	0.0196	0.0240	0.0378	0.0580	0.0811	0.1046	0.1491	0.2056	0.2480	1.7435
RP50/A	0.0147	0.0222	0.0271	0.0428	0.0655	0.0916	0.1182	0.1685	0.2323	0.2802	1.9253
RP100/A	0.0163	0.0246	0.0302	0.0475	0.0729	0.1018	0.1314	0.1873	0.2583	0.3115	2.1002
RP1000/A	0.0216	0.0326	0.0399	0.0629	0.0964	0.1347	0.1738	0.2478	0.3416	0.4120	2.6493
RP10000/A	0.0266	0.0403	0.0493	0.0777	0.1191	0.1664	0.2148	0.3061	0.4221	0.5090	3.1683
PMP/A	0.0518	0.0784	0.0959	0.1512	0.2317	0.3237	0.4180	0.5957	0.8213	0.9905	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C60 8826 13	TEHACHAPI NO 13	5200	02	11N	15W	D	S	35.079	118.447	KERN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1964	0.10	0.12	0.13	0.24	0.27	0.40	0.55	0.80	0.90	0.92	13.97
1965	0.07	0.09	0.12	0.21	0.33	0.48	0.55	0.66	1.15	1.65	14.10
1966	0.08	0.12	0.20	0.38	0.65	0.98	1.13	2.12	3.48	3.81	16.91
1967	0.10	0.11	0.16	0.25	0.50	0.91	1.26	1.91	2.15	3.80	19.38
1968	0.09	0.12	0.18	0.33	0.48	0.77	0.91	1.16	1.94	2.74	11.62
1969	0.13	0.27	0.32	0.36	0.40	0.68	1.00	1.80	3.08	4.36	26.32
1970	0.08	0.15	0.20	0.47	0.70	1.11	1.20	1.72	2.03	2.55	15.08
1971	0.11	0.16	0.25	0.30	0.56	1.07	1.62	2.98	5.30	7.26	18.32
1972	0.25	0.40	0.70	1.23	1.53	1.63	1.65	1.65	1.65	1.96	10.95
1973	0.09	0.15	0.26	0.32	0.42	0.80	1.08	1.48	1.80	1.85	20.50
1974	0.05	0.08	0.17	0.23	0.75	0.80	0.80	1.03	1.38	2.19	15.01

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C60 8826 13	TEHACHAPI NO 13	5200	02	11N	15W	D	S	35.079	118.447	KERN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.09	0.15	0.22	0.36	0.54	0.79	0.97	1.42	2.04	2.72	15.57
5	0.14	0.21	0.32	0.52	0.80	1.16	1.42	2.09	3.00	3.99	21.13
10	0.17	0.26	0.39	0.63	0.96	1.41	1.72	2.53	3.64	4.84	24.64
20	0.20	0.30	0.46	0.74	1.12	1.64	2.00	2.95	4.24	5.66	27.87
25	0.20	0.32	0.48	0.77	1.17	1.72	2.09	3.08	4.43	5.89	28.87
40	0.22	0.34	0.52	0.84	1.28	1.87	2.28	3.36	4.82	6.41	30.93
50	0.23	0.36	0.54	0.87	1.33	1.94	2.36	3.48	5.00	6.66	31.88
100	0.26	0.40	0.60	0.97	1.47	2.15	2.63	3.87	5.56	7.40	34.78
200	0.28	0.44	0.66	1.07	1.62	2.37	2.89	4.26	6.11	8.13	37.59
1000	0.34	0.52	0.80	1.28	1.95	2.85	3.48	5.12	7.36	9.79	43.87
10000	0.42	0.65	0.99	1.59	2.41	3.52	4.30	6.33	9.09	12.10	52.47
PMP	0.92	1.26	1.91	3.09	4.69	6.85	8.36	12.31	17.68	23.54	106.98
MEAN	0.105	0.161	0.245	0.395	0.599	0.875	1.068	1.574	2.260	3.008	16.560
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.397	2.017	2.581	2.893	2.231	0.891	0.181	0.650	1.540	1.480	0.967
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.343 ; INTERCEPT (TIME=1 HOUR) =0.564 ; COEFFICIENT OF DETERMINATION = 0.973
1HR INTERCEPT / MEAN YR =0.03408 ; AVERAGE CALC CV / USED CV = 1.19

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	10.076	7.496	10.599	11.998	9.310	5.463	3.361	4.552	6.151	6.334	4.881
N	11	11	11	11	11	11	11	11	11	11	11
RECORD YEAR	1972	1972	1972	1972	1972	1972	1972	1971	1971	1971	1969
RECORD MAXIMUM	0.250	0.400	0.700	1.230	1.530	1.630	1.650	2.980	5.300	7.260	26.320
NORMILIZED MAX	2.765	2.542	2.809	2.902	2.710	2.257	1.590	2.126	2.403	2.424	2.209
CALC. COEF. VAR	0.503	0.585	0.663	0.730	0.573	0.382	0.343	0.420	0.560	0.583	0.267
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0063	0.0097	0.0148	0.0238	0.0362	0.0529	0.0645	0.0950	0.1365	0.1817	1.0000
RP10/A	0.0102	0.0156	0.0238	0.0383	0.0582	0.0851	0.1038	0.1529	0.2196	0.2923	1.4879
RP25/A	0.0124	0.0190	0.0289	0.0467	0.0709	0.1036	0.1264	0.1862	0.2674	0.3559	1.7435
RP50/A	0.0140	0.0215	0.0327	0.0527	0.0801	0.1170	0.1428	0.2103	0.3021	0.4021	1.9253
RP100/A	0.0155	0.0239	0.0363	0.0586	0.0890	0.1301	0.1587	0.2339	0.3359	0.4471	2.1002
RP1000/A	0.0205	0.0316	0.0481	0.0775	0.1177	0.1721	0.2099	0.3093	0.4442	0.5912	2.6493
RP10000/A	0.0254	0.0391	0.0594	0.0958	0.1455	0.2126	0.2594	0.3821	0.5488	0.7304	3.1683
PMP/A	0.0494	0.0760	0.1156	0.1864	0.2831	0.4137	0.5047	0.7436	1.0679	1.4214	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RGN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG LOT	PRM	LATITUDE	LONGITUDE	COUNTY
C60 PR26 16	TEHACHAPI NO 16	6300	04	11N	15W	M	S 35.071	118.483	KERN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1962	0.05	0.09	0.10	0.19	0.36	0.57	0.75	1.26	2.25	3.30	21.66
1963	0.09	0.09	0.12	0.21	0.39	0.74	1.07	1.63	1.73	1.93	11.85
1964	0.09	0.11	0.15	0.24	0.42	0.56	0.72	1.00	1.10	1.40	16.17
1965	0.26	0.37	0.38	0.53	*****	*****	*****	*****	*****	*****	17.48
1966	0.18	0.35	0.49	0.58	0.60	0.77	0.80	1.53	2.65	2.78	13.59
1967	0.11	0.11	0.14	0.25	0.37	0.81	1.20	1.98	2.75	3.80	20.87
1968	0.14	0.15	0.16	0.28	0.43	0.62	0.79	1.10	1.60	2.23	12.86
1969	0.09	0.15	0.17	0.26	0.45	0.68	0.85	1.62	2.80	3.75	31.87
1970	0.09	0.14	0.15	0.26	0.43	0.80	1.20	1.24	2.04	2.63	16.45
1971	0.06	0.10	0.15	0.30	0.56	1.11	1.35	2.85	4.63	5.42	18.19
1972	0.45	0.56	0.69	0.80	0.85	0.88	0.89	0.89	0.89	1.35	9.94
1973	0.21	0.35	0.45	0.59	0.61	0.61	0.89	1.15	1.52	2.21	23.56
1974	0.05	0.06	0.07	0.14	0.27	0.46	0.70	1.22	2.00	2.05	15.28

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RGN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG LOT	PRM	LATITUDE	LONGITUDE	COUNTY
C60 PR26 16	TEHACHAPI NO 16	6300	04	11N	15W	M	S 35.071	118.483	KERN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.14	0.18	0.22	0.32	0.43	0.65	0.84	1.32	1.96	2.48	16.62
5	0.20	0.27	0.33	0.47	0.63	0.95	1.24	1.93	2.87	3.63	22.55
10	0.24	0.33	0.40	0.57	0.77	1.15	1.50	2.34	3.48	4.41	26.30
20	0.28	0.38	0.46	0.67	0.90	1.35	1.75	2.73	4.06	5.13	29.75
25	0.30	0.40	0.49	0.70	0.94	1.41	1.83	2.85	4.24	5.36	30.82
40	0.32	0.43	0.53	0.76	1.02	1.53	1.99	3.10	4.61	5.84	33.01
50	0.34	0.45	0.55	0.79	1.06	1.59	2.07	3.22	4.79	6.06	34.03
100	0.37	0.50	0.61	0.88	1.18	1.77	2.30	3.58	5.32	6.74	37.12
200	0.41	0.55	0.67	0.96	1.29	1.94	2.53	3.94	5.85	7.40	40.12
1000	0.49	0.66	0.81	1.16	1.56	2.34	3.04	4.74	7.04	8.91	46.83
10000	0.61	0.81	1.00	1.43	1.92	2.89	3.76	5.85	8.70	11.01	56.00
PMP	1.19	1.58	1.94	2.79	3.74	5.61	7.31	11.39	16.93	21.42	114.18
MEAN	0.152	0.202	0.248	0.356	0.478	0.717	0.934	1.456	2.163	2.737	17.475
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.677	1.313	1.352	1.154	1.266	0.820	0.823	1.752	1.323	1.058	1.153
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.495 ; INTERCEPT (TIME=1 HOUR) =0.508 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.02877 ; AVERAGE CALC CV / USED CV = 1.16

KURTOSIS	5.618	4.433	4.447	3.934	5.594	4.763	3.114	7.063	6.283	4.807	5.350
N	13	13	13	13	12	12	12	12	12	12	13
RECORD YEAR	1972	1972	1972	1972	1972	1971	1971	1971	1971	1971	1969
RECORD MAXIMUM	0.450	0.560	0.690	0.800	0.850	1.110	1.350	2.850	4.630	5.420	31.870
NORMILIZED MAX	2.618	2.333	2.319	2.219	2.405	2.251	1.918	2.597	2.490	2.293	2.442
CALC. COEF. VAR	0.814	0.758	0.770	0.562	0.323	0.243	0.232	0.369	0.458	0.427	0.329
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0086	0.0114	0.0140	0.0202	0.0271	0.0406	0.0529	0.0824	0.1224	0.1549	1.0000
RP10/A	0.0138	0.0184	0.0226	0.0324	0.0436	0.0653	0.0851	0.1326	0.1970	0.2492	1.4879
RP25/A	0.0168	0.0224	0.0275	0.0395	0.0530	0.0795	0.1036	0.1614	0.2398	0.3035	1.7435
RP50/A	0.0190	0.0253	0.0310	0.0446	0.0599	0.0898	0.1170	0.1823	0.2709	0.3428	1.9253
RP100/A	0.0211	0.0282	0.0345	0.0496	0.0666	0.0999	0.1301	0.2027	0.3012	0.3812	2.1002
RP1000/A	0.0279	0.0373	0.0456	0.0656	0.0881	0.1321	0.1720	0.2681	0.3984	0.5041	2.6493
RP10000/A	0.0345	0.0460	0.0564	0.0810	0.1088	0.1632	0.2125	0.3312	0.4922	0.6228	3.1683
PMP/A	0.0671	0.0896	0.1097	0.1577	0.2118	0.3177	0.4136	0.6445	0.9578	1.2120	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C60 BR26 1B	TEHACHAPI NO 1B	6100	10	11N	15W	L	S	35.057	118.461	KERN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1964	0.10	0.15	0.15	0.26	0.48	0.57	0.72	1.02	1.10	1.25	16.02
1965	0.12	0.20	0.30	0.51	0.65	0.65	0.65	0.65	0.94	1.08	22.22
1966	0.08	0.10	0.10	0.18	0.35	0.70	0.95	1.75	2.90	3.80	15.05
1967	0.07	0.13	0.20	0.40	0.45	0.90	1.25	2.10	3.10	4.33	24.18
1968	0.07	0.14	0.20	0.40	0.45	0.45	0.65	0.82	1.17	1.72	36.47
1969	0.10	0.15	0.20	0.32	0.40	0.50	0.60	0.86	1.27	1.40	34.83
1970	0.08	0.16	0.22	0.32	0.55	0.90	1.12	1.32	1.60	2.55	16.68
1971	0.05	0.10	0.20	0.37	0.60	1.07	1.58	2.89	4.77	6.16	19.67
1972	0.28	0.53	0.70	0.96	1.23	1.25	1.27	1.27	1.49	1.81	10.64
1973	0.17	0.25	0.45	0.57	0.90	1.10	1.43	1.57	1.57	2.62	25.91
1974	0.05	0.06	0.11	0.17	0.29	0.47	0.68	1.25	1.84	1.87	17.10

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C60 BR26 1B	TEHACHAPI NO 1B	6100	10	11N	15W	L	S	35.057	118.461	KERN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.10	0.16	0.23	0.37	0.52	0.70	0.88	1.27	1.79	2.35	20.41
5	0.14	0.24	0.34	0.54	0.77	1.03	1.29	1.87	2.62	3.45	27.69
10	0.17	0.29	0.41	0.65	0.93	1.25	1.57	2.27	3.18	4.18	32.30
20	0.20	0.34	0.48	0.76	1.08	1.46	1.82	2.64	3.71	4.88	36.54
25	0.21	0.35	0.50	0.79	1.13	1.52	1.91	2.76	3.87	5.09	37.85
40	0.23	0.38	0.55	0.86	1.23	1.66	2.07	3.00	4.22	5.54	40.54
50	0.24	0.40	0.57	0.90	1.28	1.72	2.15	3.12	4.38	5.75	41.79
100	0.26	0.44	0.63	1.00	1.42	1.92	2.39	3.47	4.87	6.40	45.59
200	0.29	0.48	0.70	1.10	1.56	2.10	2.63	3.81	5.35	7.03	49.27
1000	0.35	0.58	0.84	1.32	1.88	2.53	3.17	4.59	6.44	8.46	57.51
10000	0.43	0.72	1.03	1.63	2.32	3.13	3.91	5.67	7.95	10.45	68.77
PMP	0.83	1.40	2.01	3.17	4.52	6.09	7.61	11.03	15.47	20.34	140.22
MEAN	0.106	0.179	0.257	0.405	0.577	0.778	0.973	1.409	1.977	2.599	21.706
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.036	2.426	1.925	1.665	1.601	0.382	0.228	1.216	1.647	1.356	0.791
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.394 ; INTERCEPT (TIME=1 HOUR) =0.542 ; COEFFICIENT OF DETERMINATION = 0.967
1HR INTERCEPT / MEAN YR =0.02498 ; AVERAGE CALC CV / USED CV = 1.19

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	7.936	9.998	7.302	7.147	6.174	2.626	2.545	5.250	6.080	5.099	3.684
N	11	11	11	11	11	11	11	11	11	11	11
RECORD YEAR	1972	1972	1972	1972	1972	1972	1971	1971	1971	1971	1968
RECORD MAXIMUM	0.280	0.530	0.700	0.960	1.230	1.250	1.580	2.890	4.770	6.160	36.470
NORMALIZED MAX	2.593	2.763	2.525	2.508	2.393	1.682	1.605	2.274	2.406	2.270	1.812
CALC. COEF. VAR	0.630	0.709	0.682	0.545	0.473	0.360	0.389	0.462	0.587	0.604	0.375
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0049	0.0083	0.0119	0.0187	0.0266	0.0359	0.0448	0.0649	0.0911	0.1197	1.0000
RP10/A	0.0079	0.0133	0.0191	0.0301	0.0428	0.0577	0.0721	0.1045	0.1466	0.1927	1.4879
RP25/A	0.0096	0.0162	0.0232	0.0366	0.0521	0.0702	0.0878	0.1272	0.1785	0.2346	1.7435
RP50/A	0.0108	0.0183	0.0262	0.0413	0.0589	0.0793	0.0992	0.1437	0.2016	0.2650	1.9253
RP100/A	0.0121	0.0203	0.0292	0.0460	0.0654	0.0882	0.1103	0.1598	0.2242	0.2947	2.1002
RP1000/A	0.0159	0.0269	0.0386	0.0608	0.0866	0.1167	0.1459	0.2113	0.2965	0.3897	2.6493
RP10000/A	0.0197	0.0332	0.0477	0.0751	0.1069	0.1442	0.1802	0.2610	0.3663	0.4815	3.1683
PMP/A	0.0383	0.0646	0.0927	0.1462	0.2081	0.2805	0.3507	0.5080	0.7128	0.9370	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C60 PE26 20	TEHACHAPI NO 20	6150	14	11N	15W	K	S	35.044	118.438	KERN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1964	0.07	0.07	0.11	0.22	0.27	0.47	0.64	0.85	0.94	1.05	14.50
1965	0.20	0.40	0.60	0.73	0.80	0.80	0.80	0.80	1.07	1.35	19.99
1966	0.25	0.35	0.46	0.57	0.60	0.70	0.98	1.83	3.35	3.88	17.28
1967	0.11	0.16	0.21	0.30	0.38	0.50	0.70	1.08	2.15	2.83	22.49
1968	0.07	0.10	0.16	0.30	0.45	0.66	0.85	1.05	1.10	2.63	34.54
1969	0.07	0.13	0.13	0.27	0.54	0.90	1.35	2.69	4.51	5.83	33.30
1970	0.15	0.27	0.27	0.27	0.37	0.42	0.45	0.61	1.23	1.65	13.94
1971	0.65	1.30	1.52	1.56	1.56	1.56	1.56	2.42	4.38	5.98	17.76
1972	0.25	0.40	0.60	1.00	1.55	1.58	1.58	1.58	1.58	2.10	10.57
1973	0.18	0.23	0.33	0.40	0.62	0.87	1.00	1.15	1.70	2.70	24.34
1974	0.25	0.40	0.57	0.70	1.28	1.83	1.83	1.83	2.17	2.17	18.53

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C60 PE26 20	TEHACHAPI NO 20	6150	14	11N	15W	K	S	35.044	118.438	KERN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.18	0.31	0.41	0.52	0.70	0.85	0.97	1.31	1.99	2.59	19.43
5	0.27	0.46	0.60	0.76	1.03	1.24	1.42	1.92	2.92	3.80	26.35
10	0.33	0.56	0.73	0.92	1.25	1.51	1.72	2.32	3.54	4.60	30.74
20	0.38	0.65	0.85	1.08	1.45	1.75	2.00	2.71	4.12	5.37	34.77
25	0.40	0.68	0.88	1.13	1.52	1.83	2.09	2.83	4.31	5.61	36.02
40	0.44	0.74	0.96	1.23	1.65	1.99	2.28	3.08	4.69	6.10	38.58
50	0.45	0.77	1.00	1.27	1.71	2.07	2.36	3.20	4.87	6.33	39.77
100	0.50	0.85	1.11	1.41	1.91	2.30	2.63	3.56	5.41	7.04	43.39
200	0.55	0.94	1.22	1.55	2.09	2.53	2.89	3.91	5.94	7.74	46.89
1000	0.67	1.13	1.47	1.87	2.52	3.04	3.47	4.70	7.15	9.31	54.73
10000	0.82	1.39	1.81	2.31	3.11	3.76	4.29	5.81	8.84	11.50	65.45
PMP	1.60	2.71	3.53	4.50	6.06	7.32	8.35	11.30	17.20	22.39	133.45
MEAN	0.205	0.346	0.451	0.575	0.775	0.935	1.067	1.445	2.198	2.861	20.658
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.196	2.528	2.101	1.577	1.002	0.886	0.449	0.685	1.001	1.115	0.864
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.564 ; INTERCEPT (TIME=1 HOUR) =0.724 ; COEFFICIENT OF DETERMINATION = 0.979
1HR INTERCEPT / MEAN YR =0.03504 ; AVERAGE CALC CV / USED CV = 1.55

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	9.226	10.565	8.701	6.053	3.209	3.202	2.854	3.243	3.443	3.965	3.856
N	11	11	11	11	11	11	11	11	11	11	11
RECORD YEAR	1971	1971	1971	1971	1971	1974	1974	1969	1969	1971	1968
RECORD MAXIMUM	0.650	1.300	1.520	1.560	1.560	1.830	1.830	2.690	4.510	5.980	34.540
NORMILIZED MAX	2.704	2.805	2.664	2.401	1.685	1.814	1.707	1.825	1.770	1.842	1.824
CALC; COEF. VAR	0.806	0.982	0.890	0.714	0.602	0.527	0.419	0.473	0.594	0.592	0.368
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0099	0.0168	0.0218	0.0278	0.0375	0.0453	0.0517	0.0699	0.1064	0.1385	1.0000
RP10/A	0.0159	0.0270	0.0351	0.0448	0.0603	0.0729	0.0831	0.1125	0.1712	0.2229	1.4879
RP25/A	0.0194	0.0328	0.0428	0.0545	0.0735	0.0887	0.1012	0.1370	0.2085	0.2713	1.7435
RP50/A	0.0219	0.0371	0.0483	0.0616	0.0830	0.1007	0.1143	0.1548	0.2355	0.3065	1.9253
RP100/A	0.0244	0.0413	0.0537	0.0684	0.0923	0.1114	0.1271	0.1721	0.2619	0.3408	2.1002
RP1000/A	0.0322	0.0546	0.0710	0.0905	0.1220	0.1474	0.1682	0.2276	0.3463	0.4507	2.6493
RP10000/A	0.0398	0.0674	0.0878	0.1118	0.1508	0.1821	0.2077	0.2812	0.4279	0.5569	3.1683
PMP/A	0.0775	0.1312	0.1708	0.2176	0.2934	0.3543	0.4043	0.5472	0.8326	1.0837	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
C60 8826 26	TEHACHAPI NO 26	4400	31	11N	14W	D	S	35.093	118.411	KERN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1965	0.03	0.04	0.05	0.08	0.11	0.14	0.17	0.28	0.40	0.46	******
1966	0.08	0.10	0.13	0.27	0.40	0.57	0.70	1.42	2.35	2.72	10.60
1967	0.12	0.13	0.20	0.33	0.38	0.62	0.77	1.14	1.50	2.55	13.15
1968	0.07	0.09	0.11	0.15	0.24	0.28	0.38	0.55	1.10	1.56	******
1969	0.10	0.12	0.17	0.30	0.36	0.53	0.68	1.21	1.58	1.95	17.29
1970	0.15	0.27	0.35	0.50	0.84	1.26	1.45	1.80	2.00	2.08	8.15
1971	0.05	0.08	0.11	0.21	0.41	0.75	1.02	1.93	3.24	4.61	11.32
1972	0.20	0.30	0.36	0.50	0.80	1.20	1.20	1.20	1.20	1.42	5.04
1973	0.15	0.23	0.27	0.40	0.50	0.86	0.95	1.16	1.34	1.61	14.70
1974	0.08	0.17	0.31	0.39	0.39	0.39	0.52	1.02	1.42	1.42	9.01

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
C60 8826 26	TEHACHAPI NO 26	4400	31	11N	14W	D	S	35.093	118.411	KERN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.09	0.14	0.19	0.28	0.40	0.60	0.71	1.06	1.46	1.84	10.49
5	0.14	0.20	0.27	0.42	0.59	0.88	1.04	1.55	2.14	2.70	14.23
10	0.17	0.25	0.33	0.50	0.71	1.06	1.26	1.88	2.60	3.28	16.60
20	0.19	0.29	0.39	0.59	0.83	1.24	1.47	2.20	3.03	3.82	18.78
25	0.20	0.30	0.40	0.61	0.87	1.29	1.54	2.29	3.16	3.99	19.45
40	0.22	0.33	0.44	0.67	0.94	1.41	1.67	2.50	3.44	4.35	20.84
50	0.23	0.34	0.46	0.69	0.98	1.46	1.74	2.59	3.57	4.51	21.48
100	0.25	0.38	0.51	0.77	1.09	1.62	1.93	2.88	3.97	5.02	23.43
200	0.28	0.41	0.56	0.85	1.20	1.78	2.12	3.17	4.36	5.51	25.33
1000	0.34	0.50	0.67	1.02	1.44	2.15	2.55	3.81	5.25	6.63	29.56
10000	0.41	0.62	0.83	1.26	1.78	2.65	3.15	4.71	6.49	8.20	35.35
PMP	0.81	1.20	1.61	2.45	3.47	5.16	6.13	9.16	12.62	15.95	72.08
MEAN	0.103	0.153	0.206	0.313	0.443	0.660	0.784	1.171	1.613	2.038	11.157
CLOCK HR. COE.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.518	0.626	0.205	-0.199	0.751	0.460	0.166	-0.278	0.827	1.320	0.055
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.429 ; INTERCEPT (TIME=1 HOUR) =0.439 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.03938 ; AVERAGE CALC CV / USED CV = 1.13

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	3.679	3.148	2.590	3.228	4.245	3.445	3.686	4.075	5.346	6.702	4.144
N	10	10	10	10	10	10	10	10	10	10	8
RECORD YEAR	1972	1972	1972	1970	1970	1970	1970	1971	1971	1971	1969
RECORD MAXIMUM	0.200	0.300	0.360	0.500	0.840	1.260	1.450	1.930	3.240	4.610	17.290
NORMILIZED MAX	1.863	1.691	1.398	1.333	1.762	1.634	1.734	1.522	2.106	2.325	1.579
CALC. COEF. VAR	0.506	0.568	0.535	0.448	0.509	0.556	0.490	0.426	0.479	0.543	0.348
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0092	0.0137	0.0185	0.0281	0.0397	0.0592	0.0703	0.1050	0.1446	0.1827	1.0000
RP10/A	0.0149	0.0221	0.0297	0.0451	0.0639	0.0952	0.1131	0.1689	0.2326	0.2939	1.4879
RP25/A	0.0181	0.0269	0.0362	0.0550	0.0778	0.1159	0.1377	0.2056	0.2832	0.3579	1.7435
RP50/A	0.0204	0.0304	0.0409	0.0621	0.0879	0.1309	0.1555	0.2323	0.3200	0.4043	1.9253
RP100/A	0.0227	0.0337	0.0454	0.0690	0.0977	0.1456	0.1729	0.2583	0.3558	0.4495	2.1002
RP1000/A	0.0300	0.0446	0.0601	0.0913	0.1292	0.1925	0.2287	0.3416	0.4705	0.5945	2.6493
RP10000/A	0.0371	0.0551	0.0742	0.1128	0.1597	0.2379	0.2825	0.4220	0.5813	0.7345	3.1683
PMP/A	0.0722	0.1073	0.1445	0.2195	0.3107	0.4629	0.5498	0.8212	1.1312	1.4293	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN PROFR SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C60 PR26 2R	TEHACHAPI NO 2R	4100	23	32S	32E	J	M	35.130	118.414	KERN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1965	0.08	0.10	0.12	0.18	0.25	0.40	0.53	0.80	0.95	1.65	8.32
1966	0.06	0.09	0.13	0.17	0.28	0.32	0.52	0.80	1.25	1.38	7.84
1967	0.08	0.13	0.15	0.20	0.28	0.33	0.34	0.35	0.35	0.35	10.77
1968	0.15	0.26	0.33	0.38	0.38	0.44	0.44	0.45	0.45	0.45	7.18
1969	0.06	0.08	0.10	0.17	0.20	0.26	0.36	0.75	0.93	1.30	12.65
1970	0.13	0.26	0.36	0.50	0.64	0.94	1.05	1.23	1.28	1.50	6.32
1971	0.08	0.13	0.14	0.20	0.37	0.56	0.74	1.06	2.15	2.92	7.78
1972	0.12	0.23	0.35	0.43	0.48	0.50	0.53	0.53	0.53	0.53	2.79
1973	0.16	0.27	0.40	0.62	0.66	0.81	0.90	0.90	0.90	1.10	12.65
1974	0.15	0.15	0.15	0.17	0.23	0.35	0.51	0.60	0.82	0.85	8.01

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN PROFR SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C60 PR26 2R	TEHACHAPI NO 2R	4100	23	32S	32E	J	M	35.130	118.414	KERN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.10	0.15	0.20	0.27	0.34	0.44	0.54	0.68	0.87	1.09	7.91
5	0.14	0.23	0.30	0.40	0.50	0.65	0.79	0.99	1.28	1.59	10.73
10	0.17	0.27	0.36	0.49	0.60	0.79	0.95	1.20	1.55	1.93	12.51
20	0.20	0.32	0.42	0.57	0.70	0.92	1.11	1.40	1.80	2.25	14.16
25	0.21	0.33	0.44	0.59	0.73	0.96	1.16	1.46	1.88	2.35	14.66
40	0.23	0.36	0.48	0.64	0.80	1.05	1.26	1.59	2.05	2.56	15.71
50	0.24	0.38	0.49	0.67	0.83	1.09	1.31	1.65	2.13	2.66	16.19
100	0.26	0.42	0.55	0.74	0.92	1.21	1.46	1.84	2.37	2.95	17.66
200	0.29	0.46	0.60	0.82	1.01	1.33	1.60	2.02	2.60	3.24	19.09
1000	0.35	0.55	0.73	0.98	1.22	1.60	1.93	2.43	3.13	3.91	22.28
10000	0.43	0.68	0.90	1.21	1.50	1.97	2.38	3.00	3.86	4.83	26.65
PMP	0.84	1.33	1.74	2.36	2.93	3.84	4.63	5.85	7.52	9.39	54.34
MEAN	0.107	0.170	0.223	0.302	0.374	0.491	0.592	0.747	0.961	1.200	8.411
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.128	0.295	0.505	0.945	0.891	1.229	1.051	0.305	1.269	1.229	-0.184
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.547 ; INTERCEPT (TIME=1 HOUR) =0.375 ; COEFFICIENT OF DETERMINATION = 0.987
1HR INTERCEPT / MEAN YR =0.04463 ; AVERAGE CALC CV / USED CV = 1.01

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	2.224	2.191	2.148	3.429	3.406	4.484	4.144	3.525	6.077	5.973	4.307
N	10	10	10	10	10	10	10	10	10	10	10
RECORD YEAR	1973	1973	1973	1973	1973	1970	1970	1970	1971	1971	1969
RECORD MAXIMUM	0.160	0.270	0.400	0.620	0.660	0.940	1.050	1.230	2.150	2.920	12.650
NORMILIZED MAX	1.353	1.306	1.475	1.905	1.701	2.014	1.970	1.764	2.282	2.274	1.438
CALC. COEF. VAR	0.366	0.451	0.538	0.553	0.450	0.454	0.393	0.367	0.542	0.630	0.351
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0127	0.0202	0.0265	0.0359	0.0445	0.0584	0.0704	0.0888	0.1143	0.1427	1.0000
RP10/A	0.0205	0.0325	0.0427	0.0578	0.0716	0.0939	0.1133	0.1429	0.1839	0.2296	1.4879
RP25/A	0.0249	0.0396	0.0519	0.0703	0.0871	0.1144	0.1379	0.1740	0.2239	0.2795	1.7435
RP50/A	0.0282	0.0447	0.0587	0.0795	0.0984	0.1292	0.1558	0.1966	0.2529	0.3158	1.9253
RP100/A	0.0313	0.0497	0.0652	0.0884	0.1094	0.1437	0.1732	0.2186	0.2812	0.3511	2.1002
RP1000/A	0.0414	0.0658	0.0863	0.1169	0.1447	0.1900	0.2291	0.2891	0.3719	0.4644	2.6493
RP10000/A	0.0512	0.0813	0.1066	0.1444	0.1788	0.2347	0.2830	0.3571	0.4594	0.5737	3.1683
PMP/A	0.0995	0.1582	0.2075	0.2810	0.3479	0.4568	0.5508	0.6950	0.8940	1.1164	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C60 BE26 30	TEHACHAPI NO 30	4150	26	32S	32E	0	M	35.111	118.404	KERN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1965	0.05	0.07	0.09	0.11	0.19	0.25	0.36	0.50	0.66	0.76	******
1966	0.11	0.15	0.18	0.37	0.42	0.50	0.60	1.22	2.16	2.32	9.71
1967	0.07	0.13	0.15	0.20	0.24	0.40	0.44	0.70	0.93	1.05	14.48
1968	0.17	0.23	0.25	0.30	0.37	0.51	0.55	0.70	1.10	1.75	15.51
1969	0.04	0.05	0.10	0.16	0.22	0.32	0.43	0.75	1.13	1.46	12.59
1970	0.10	0.17	0.21	0.35	0.50	0.80	1.03	1.35	1.42	1.68	7.28
1971	0.04	0.07	0.11	0.20	0.35	0.70	0.95	1.63	2.90	3.99	10.23
1972	0.03	0.05	0.06	0.10	0.17	0.26	0.35	0.52	0.58	0.58	3.81
1973	0.08	0.15	0.24	0.36	0.48	0.60	0.60	1.01	1.15	1.50	14.37
1974	0.09	0.18	0.25	0.25	0.35	0.35	0.50	0.68	0.81	0.88	8.59

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C60 BE26 30	TEHACHAPI NO 30	4150	26	32S	32E	0	M	35.111	118.404	KERN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.07	0.11	0.15	0.22	0.30	0.42	0.53	0.82	1.16	1.44	10.12
5	0.10	0.17	0.22	0.32	0.44	0.62	0.77	1.20	1.70	2.12	13.73
10	0.13	0.20	0.26	0.38	0.53	0.75	0.93	1.46	2.07	2.57	16.01
20	0.15	0.23	0.31	0.45	0.62	0.88	1.09	1.70	2.41	3.00	18.12
25	0.15	0.24	0.32	0.47	0.64	0.92	1.14	1.78	2.52	3.13	18.77
40	0.17	0.27	0.35	0.51	0.70	1.00	1.24	1.93	2.74	3.41	20.10
50	0.17	0.28	0.36	0.53	0.73	1.04	1.30	2.01	2.84	3.53	20.72
100	0.19	0.31	0.40	0.59	0.81	1.15	1.43	2.23	3.16	3.93	22.61
200	0.21	0.34	0.44	0.65	0.89	1.27	1.57	2.45	3.47	4.32	24.43
1000	0.25	0.41	0.53	0.78	1.07	1.53	1.89	2.95	4.18	5.20	28.52
10000	0.31	0.50	0.66	0.97	1.32	1.89	2.34	3.64	5.16	6.42	34.10
PMP	0.61	0.98	1.28	1.88	2.57	3.67	4.55	7.09	10.05	12.50	69.53
MEAN	0.078	0.125	0.164	0.240	0.329	0.469	0.581	0.906	1.284	1.597	10.763
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.061	0.157	-0.052	-0.014	0.048	0.550	1.209	0.860	1.520	1.695	-0.496
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.453 ; INTERCEPT (TIME=1 HOUR) =0.329 ; COEFFICIENT OF DETERMINATION = 0.993
1HR INTERCEPT / MEAN YR =0.03056 ; AVERAGE CALC CV / USED CV = 0.96

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	5.110	2.907	2.382	2.531	2.641	3.241	4.360	3.583	5.710	7.168	3.737
N	10	10	10	10	10	10	10	10	10	10	9
RECORD YEAR	1968	1968	1968	1966	1970	1970	1970	1971	1971	1971	1968
RECORD MAXIMUM	0.170	0.230	0.250	0.370	0.500	0.800	1.030	1.630	2.900	3.990	15.510
NORMILIZED MAX	2.171	1.692	1.197	1.277	1.438	1.768	1.923	1.901	2.234	2.412	1.236
CALC. COEF. VAR	0.543	0.496	0.438	0.424	0.361	0.399	0.402	0.420	0.563	0.621	0.357
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0072	0.0116	0.0152	0.0223	0.0306	0.0436	0.0540	0.0842	0.1193	0.1484	1.0000
RP10/A	0.0117	0.0187	0.0245	0.0359	0.0492	0.0701	0.0869	0.1355	0.1920	0.2388	1.4879
RP25/A	0.0142	0.0228	0.0299	0.0437	0.0599	0.0854	0.1058	0.1649	0.2337	0.2907	1.7435
RP50/A	0.0160	0.0257	0.0337	0.0494	0.0677	0.0964	0.1195	0.1863	0.2640	0.3284	1.9253
RP100/A	0.0178	0.0286	0.0375	0.0549	0.0752	0.1072	0.1328	0.2072	0.2936	0.3652	2.1002
RP1000/A	0.0236	0.0378	0.0496	0.0726	0.0995	0.1418	0.1757	0.2740	0.3883	0.4829	2.6493
RP10000/A	0.0291	0.0467	0.0613	0.0897	0.1229	0.1752	0.2171	0.3385	0.4797	0.5966	3.1683
PMP/A	0.0567	0.0909	0.1192	0.1745	0.2392	0.3410	0.4224	0.6587	0.9335	1.1610	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C60 8832 0	TECHACHAPI AP	3975	21	32S	33E	C	M	35.134	118.442	KERN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.25	0.52	0.61	0.79	1.13	1.50	******
1941	*****	*****	*****	*****	0.42	0.72	0.84	0.94	1.39	2.15	22.34
1942	*****	*****	*****	*****	0.16	0.29	0.40	0.60	1.09	1.51	6.00
1943	*****	*****	*****	*****	0.96	1.14	1.20	1.51	1.73	2.76	15.67
1944	*****	*****	*****	*****	0.30	0.45	0.69	0.95	1.12	1.67	16.55
1945	*****	*****	*****	*****	0.68	1.07	1.08	1.28	2.54	3.17	23.47
1946	*****	*****	*****	*****	0.28	0.47	0.72	1.11	1.47	2.23	9.35
1947	*****	*****	*****	*****	0.15	0.27	0.29	0.37	0.49	0.57	4.05
1948	*****	*****	*****	*****	0.18	0.27	0.36	0.51	0.61	0.62	6.16
1949	*****	*****	*****	*****	0.15	0.22	0.28	0.45	0.53	0.64	10.57
1950	0.07	0.12	0.14	0.20	0.28	0.32	0.42	0.70	0.86	0.96	7.32
1951	0.10	0.17	0.20	0.27	0.34	0.57	0.57	0.77	1.08	1.18	10.62
1952	0.05	0.06	0.09	0.16	0.30	0.40	0.62	0.78	0.87	1.35	17.45
1953	0.03	0.04	0.07	0.14	0.28	0.48	0.49	0.80	0.98	1.47	6.91
1954	0.06	0.11	0.15	0.16	0.20	0.39	0.54	0.72	0.75	1.30	7.69
1955	0.04	0.06	0.09	0.15	0.29	0.50	0.75	1.24	1.56	1.81	9.44
1956	0.09	0.14	0.15	0.19	0.20	0.30	0.46	0.68	1.21	1.57	7.28
1957	*****	*****	0.11	0.17	0.25	0.45	0.60	0.79	0.86	0.95	10.59
1958	*****	*****	0.36	0.43	0.43	0.48	0.56	0.98	1.16	1.51	14.34
1959	*****	*****	0.20	0.21	0.29	0.57	0.74	0.89	0.99	1.00	5.95
1960	*****	*****	0.40	0.41	0.76	0.80	0.72	1.26	1.37	1.60	12.19
1961	*****	*****	0.27	0.31	0.34	0.43	0.51	0.64	0.80	0.80	6.25
1962	*****	*****	0.07	0.14	0.18	0.32	0.41	0.72	1.31	2.15	9.31
1963	*****	*****	0.53	0.74	1.20	1.73	2.08	2.19	2.21	2.21	12.53
1964	*****	*****	0.16	0.22	0.26	0.36	0.52	0.68	0.73	0.80	9.52
1965	*****	*****	0.11	0.16	0.20	0.34	0.40	0.70	1.12	1.16	11.17
1966	*****	*****	0.48	0.51	0.53	0.58	0.61	0.84	1.28	1.95	8.19
1967	0.15	0.29	0.36	0.49	0.52	0.53	0.53	0.69	0.82	0.92	12.02
1968	0.04	0.06	0.09	0.13	0.23	0.32	0.40	0.48	0.75	0.84	5.95
1969	0.03	0.04	0.08	0.15	0.22	0.35	0.45	0.80	1.01	1.12	10.38
1970	0.10	0.16	0.23	0.37	0.58	0.76	0.89	1.38	2.28	2.97	11.08
1971	0.03	0.04	0.05	0.08	0.10	0.18	0.19	0.32	0.45	0.67	4.95
1972	*****	*****	*****	*****	0.10	0.20	0.30	0.40	0.60	1.20	20.80
1973	*****	*****	0.30	0.50	0.60	0.70	0.90	0.90	0.90	1.20	14.40
1974	*****	*****	0.30	0.40	0.50	0.50	0.70	1.20	1.70	1.70	9.80

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C60 8832 0	TECHACHAPI AP	3975	21	32S	33E	C	M	35.134	118.442	KERN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.06	0.10	0.19	0.25	0.33	0.46	0.56	0.78	1.03	1.32	10.24
5	0.09	0.14	0.28	0.37	0.48	0.67	0.83	1.14	1.51	1.94	13.89
10	0.11	0.18	0.33	0.45	0.58	0.82	1.00	1.38	1.83	2.35	16.20
20	0.12	0.20	0.39	0.52	0.68	0.95	1.17	1.61	2.13	2.74	18.33
25	0.13	0.21	0.41	0.55	0.71	1.00	1.22	1.68	2.23	2.87	18.99
40	0.14	0.23	0.44	0.59	0.77	1.08	1.33	1.83	2.42	3.12	20.34
50	0.15	0.24	0.46	0.62	0.80	1.12	1.38	1.90	2.51	3.24	20.97
100	0.16	0.27	0.51	0.69	0.89	1.25	1.53	2.11	2.80	3.60	22.87
200	0.18	0.30	0.56	0.75	0.98	1.37	1.69	2.32	3.07	3.96	24.72
1000	0.21	0.36	0.68	0.91	1.18	1.65	2.03	2.80	3.70	4.76	28.85
10000	0.26	0.44	0.84	1.12	1.46	2.04	2.51	3.45	4.57	5.88	34.51
PMP	0.52	0.85	1.63	2.18	2.84	3.98	4.88	6.72	8.89	11.45	70.35
MEAN	0.066	0.109	0.208	0.279	0.363	0.508	0.624	0.859	1.136	1.463	10.891
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.060	1.440	0.919	1.144	1.813	2.414	2.565	1.496	1.166	0.895	1.060
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.398 ; INTERCEPT (TIME=1 HOUR) =0.358 ; COEFFICIENT OF DETERMINATION = 0.903
1HR INTERCEPT / MEAN YR =0.03283 ; AVERAGE CALC CV / USED CV = 1.35

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.338	5.824	3.204	4.130	6.570	10.509	12.559	6.805	4.468	3.580	3.911
N	12	12	24	24	35	35	35	35	35	35	34
RECORD YEAR	1967	1967	1963	1963	1963	1963	1963	1963	1945	1945	1945
RECORD MAXIMUM	0.150	0.290	0.530	0.740	1.200	1.730	2.080	2.190	2.540	3.170	23.470
NORMILIZED MAX	2.243	2.467	2.339	2.779	3.386	4.055	4.319	3.595	2.823	2.568	2.581
CALC. COEF. VAR	0.570	0.671	0.662	0.595	0.681	0.593	0.541	0.431	0.438	0.454	0.448
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0060	0.0100	0.0191	0.0256	0.0333	0.0466	0.0573	0.0789	0.1043	0.1343	1.0000
RP10/A	0.0097	0.0161	0.0307	0.0412	0.0537	0.0751	0.0922	0.1269	0.1678	0.2162	1.4879
RP25/A	0.0118	0.0196	0.0374	0.0501	0.0653	0.0914	0.1122	0.1545	0.2043	0.2632	1.7435
RP50/A	0.0134	0.0222	0.0423	0.0566	0.0738	0.1032	0.1268	0.1745	0.2308	0.2973	1.9253
RP100/A	0.0149	0.0247	0.0470	0.0630	0.0821	0.1148	0.1409	0.1941	0.2566	0.3306	2.1002
RP1000/A	0.0197	0.0326	0.0621	0.0833	0.1085	0.1518	0.1864	0.2567	0.3394	0.4373	2.6493
RP10000/A	0.0243	0.0403	0.0768	0.1029	0.1341	0.1876	0.2303	0.3171	0.4193	0.5402	3.1683
PMP/A	0.0473	0.0784	0.1494	0.2003	0.2609	0.3650	0.4481	0.6171	0.8160	1.0513	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C70 5480 1	MC KITTRICK FIRE STATION	1051	21	30S	22E	E	M	35.306	119.622	KERN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
	DURATION										
1963	0.08	0.14	0.17	0.20	0.39	0.44	0.44	0.53	0.87	0.87	4.69
1964	0.10	0.11	0.13	0.22	0.33	0.42	0.42	0.42	0.45	0.75	4.15
1965	0.10	0.18	0.20	0.23	0.26	0.39	0.57	0.60	0.60	0.60	4.57
1966	0.04	0.07	0.10	0.17	0.31	0.43	0.52	0.81	1.17	1.17	4.47
1967	0.05	0.08	0.10	0.16	0.20	0.25	0.30	0.46	0.46	0.70	4.90
1968	0.05	0.08	0.13	0.22	0.34	0.41	0.48	0.66	0.70	0.70	3.35
1969	0.08	0.13	0.17	0.29	0.43	0.57	0.66	1.05	1.11	1.14	10.96
1970	0.17	0.19	0.23	0.35	0.58	0.69	0.69	0.69	0.69	0.69	2.97
1971	0.07	0.10	0.13	0.21	0.25	0.31	0.40	0.59	0.72	0.84	4.27
1972	0.04	0.08	0.12	0.17	0.32	0.40	0.45	0.53	0.53	0.53	2.13
1973	0.10	0.12	0.12	0.20	0.24	0.37	0.44	0.56	0.62	0.85	6.23
1974	0.03	0.05	0.08	0.13	0.25	0.37	0.54	0.79	0.88	0.88	5.28

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C70 5480 1	MC KITTRICK FIRE STATION	1051	21	30S	22E	E	M	35.306	119.622	KERN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.07	0.10	0.13	0.20	0.30	0.39	0.45	0.59	0.68	0.75	4.53
5	0.10	0.14	0.18	0.27	0.41	0.53	0.63	0.81	0.93	1.03	6.23
10	0.11	0.17	0.21	0.32	0.49	0.63	0.74	0.96	1.10	1.22	7.30
20	0.13	0.19	0.24	0.37	0.56	0.73	0.85	1.10	1.26	1.40	8.29
25	0.14	0.20	0.25	0.38	0.58	0.75	0.88	1.15	1.31	1.45	8.59
40	0.15	0.21	0.27	0.41	0.63	0.81	0.95	1.24	1.42	1.57	9.22
50	0.15	0.22	0.28	0.43	0.65	0.84	0.99	1.28	1.47	1.62	9.51
100	0.17	0.24	0.31	0.47	0.72	0.93	1.09	1.41	1.62	1.79	10.39
200	0.18	0.27	0.34	0.51	0.78	1.01	1.19	1.54	1.77	1.95	11.25
1000	0.22	0.32	0.40	0.61	0.93	1.20	1.41	1.83	2.10	2.32	13.17
10000	0.27	0.39	0.49	0.74	1.14	1.47	1.72	2.24	2.56	2.83	15.79
PMP	0.50	0.74	0.93	1.41	2.16	2.79	3.27	4.26	4.87	5.38	32.44
MEAN	0.076	0.111	0.140	0.212	0.325	0.421	0.492	0.641	0.733	0.810	4.831
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.208	0.638	0.809	1.148	1.387	1.187	0.349	1.148	0.739	0.708	2.056
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.466 ; INTERCEPT (TIME=1 HOUR) =0.295 ; COEFFICIENT OF DETERMINATION = 0.992
1HR INTERCEPT / MEAN YR =0.06098 ; AVERAGE CALC CV / USED CV = 0.88

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	5.575	3.380	3.790	5.302	5.888	5.796	3.743	5.110	3.463	3.826	9.074
N	12	12	12	12	12	12	12	12	12	12	12
RECORD YEAR	1970	1970	1970	1970	1970	1970	1970	1969	1966	1966	1969
RECORD MAXIMUM	0.170	0.190	0.230	0.350	0.580	0.690	0.690	1.050	1.170	1.170	10.960
NORMILIZED MAX	2.417	1.825	2.040	2.314	2.451	2.358	1.787	2.335	1.865	1.855	2.775
CALC. COEF. VAR	0.514	0.391	0.315	0.280	0.320	0.271	0.224	0.273	0.319	0.240	0.457
REGN. COEF. VAR	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.381
USED COEF. VAR	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.381
MEAN/A	0.0157	0.0229	0.0290	0.0440	0.0673	0.0871	0.1019	0.1327	0.1518	0.1677	1.0000
RP10/A	0.0236	0.0345	0.0436	0.0661	0.1011	0.1310	0.1533	0.1994	0.2282	0.2521	1.5107
RP25/A	0.0281	0.0411	0.0520	0.0789	0.1206	0.1562	0.1828	0.2378	0.2721	0.3006	1.7783
RP50/A	0.0314	0.0459	0.0580	0.0881	0.1347	0.1745	0.2042	0.2657	0.3040	0.3358	1.9685
RP100/A	0.0347	0.0506	0.0640	0.0971	0.1485	0.1923	0.2250	0.2928	0.3351	0.3701	2.1516
RP1000/A	0.0449	0.0657	0.0830	0.1259	0.1926	0.2494	0.2919	0.3798	0.4347	0.4801	2.7264
RP10000/A	0.0549	0.0802	0.1013	0.1538	0.2352	0.3046	0.3565	0.4638	0.5308	0.5863	3.2696
PMP/A	0.1042	0.1523	0.1924	0.2921	0.4467	0.5784	0.6769	0.8808	1.0080	1.1133	6.7150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C70 8752 0	TAFT	1025	14	32S	23E	J	M	35.142	119.465	KERN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.06	0.10	0.13	0.22	0.32	0.47	0.54	0.58	0.70	0.70	******
1941	0.12	0.18	0.21	0.23	0.37	0.62	0.66	0.69	0.74	1.00	9.33
1942	0.05	0.09	0.12	0.20	0.36	0.44	0.44	0.45	0.55	0.58	3.25
1943	0.12	0.14	0.15	0.23	0.38	0.56	0.76	1.15	1.19	1.30	8.45
1944	0.17	0.33	0.40	0.42	0.47	0.54	0.54	0.99	1.02	1.20	11.63
1945	0.12	0.17	0.21	0.33	0.45	0.83	0.87	0.88	0.90	1.20	5.35
1946	0.09	0.14	0.20	0.38	0.62	0.63	0.70	0.97	1.02	1.06	5.15
1947	0.03	0.06	0.08	0.13	0.19	0.24	0.25	0.28	0.28	0.31	0.99
1948	0.07	0.11	0.16	0.27	0.32	0.34	0.39	0.43	0.47	0.55	3.86
1949	0.05	0.06	0.07	0.10	0.18	0.28	0.37	0.51	0.51	0.51	3.50
1950	0.05	0.06	0.07	0.11	0.17	0.23	0.26	0.26	0.29	0.53	3.28
1951	0.05	0.08	0.06	0.09	0.18	0.28	0.33	0.35	0.35	0.54	3.06
1952	0.05	0.08	0.11	0.20	0.37	0.63	0.64	0.65	0.90	0.90	6.45
1953	0.17	0.18	0.19	0.20	0.25	0.46	0.53	0.64	0.64	0.95	2.82
1954	0.05	0.09	0.13	0.19	0.38	0.50	0.51	0.76	1.12	1.24	5.05
1955	0.06	0.09	0.10	0.15	0.16	0.22	0.26	0.47	0.55	0.62	4.47
1956	0.15	0.24	0.31	0.41	0.48	0.70	0.70	0.71	0.71	0.94	3.66
1957	0.24	0.34	0.45	0.63	0.87	1.11	1.23	1.33	1.41	1.41	6.54
1958	0.11	0.18	0.28	0.29	0.31	0.49	0.53	0.80	1.25	1.31	9.11
1959	0.06	0.10	0.15	0.25	0.29	0.40	0.49	0.52	0.54	0.54	3.40
1960	0.08	0.11	0.16	0.18	0.28	0.51	0.67	0.82	0.96	1.35	5.89
1961	0.05	0.09	0.11	0.18	0.24	0.37	0.48	0.66	0.68	0.68	2.31
1962	0.08	0.15	0.19	0.22	0.25	0.37	0.51	0.99	1.63	2.75	8.30
1963	0.16	0.26	0.36	0.60	0.65	0.71	0.86	1.27	1.28	1.28	7.59
1964	0.10	0.12	0.13	0.16	0.27	0.36	0.49	0.51	0.51	0.51	3.53
1965	0.03	0.06	0.08	0.13	0.25	0.40	0.57	0.78	1.04	1.12	7.78
1966	0.04	0.08	0.09	0.15	0.23	0.34	0.45	0.60	0.61	0.67	3.30
1967	0.04	0.08	0.11	0.20	0.32	0.53	0.54	0.55	0.64	0.73	4.81
1968	0.05	0.08	0.10	0.18	0.20	0.36	0.42	0.67	0.99	1.15	4.01
1969	0.10	0.13	0.14	0.15	0.17	0.31	0.42	0.74	1.13	1.16	7.10
1970	0.08	0.11	0.12	0.20	0.35	0.40	0.40	0.50	0.66	0.89	4.37
1971	0.04	0.07	0.10	0.17	0.22	0.33	0.46	0.68	0.68	0.68	3.26
1972	0.09	0.13	0.14	0.16	0.17	0.18	0.18	0.18	0.23	0.24	1.82
1973	*****	*****	*****	*****	0.20	0.34	0.42	0.50	0.58	0.74	6.13
1974	*****	*****	*****	*****	0.36	0.49	0.65	0.74	0.85	0.85	5.10

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C70 8752 0	TAFT	1025	14	32S	23E	J	M	35.142	119.465	KERN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.08	0.12	0.15	0.22	0.30	0.42	0.49	0.62	0.73	0.85	4.82
5	0.11	0.16	0.21	0.30	0.41	0.58	0.67	0.86	1.00	1.17	6.62
10	0.13	0.19	0.25	0.35	0.48	0.69	0.80	1.01	1.19	1.38	7.76
20	0.15	0.22	0.28	0.40	0.56	0.79	0.91	1.16	1.36	1.58	8.81
25	0.15	0.23	0.29	0.42	0.58	0.82	0.95	1.21	1.41	1.65	9.13
40	0.16	0.25	0.32	0.45	0.62	0.88	1.02	1.31	1.53	1.78	9.80
50	0.17	0.26	0.33	0.47	0.64	0.91	1.06	1.35	1.58	1.84	10.11
100	0.19	0.29	0.36	0.52	0.71	1.01	1.17	1.49	1.74	2.03	11.05
200	0.21	0.31	0.39	0.56	0.78	1.10	1.27	1.62	1.90	2.21	11.96
1000	0.24	0.37	0.47	0.67	0.92	1.31	1.52	1.93	2.26	2.63	14.00
10000	0.30	0.45	0.57	0.82	1.13	1.60	1.85	2.36	2.76	3.21	16.80
PMP	0.57	0.86	1.09	1.56	2.14	3.03	3.51	4.48	5.24	6.10	34.49
MEAN	0.085	0.129	0.164	0.235	0.322	0.456	0.529	0.675	0.789	0.919	5.137
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.337	1.608	1.616	1.808	1.752	1.370	1.211	0.590	0.486	1.907	0.744
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.493 ; INTERCEPT (TIME=1 HOUR) =0.319 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.06203 ; AVERAGE CALC CV / USED CV = 1.35

KURTOSIS	4.882	5.439	5.225	6.387	6.975	6.072	6.172	3.603	3.013	9.913	3.382
N	33	33	33	33	35	35	35	35	35	35	34
RECORD YEAR	1957	1957	1957	1957	1957	1957	1957	1957	1962	1962	1944
RECORD MAXIMUM	0.240	0.340	0.450	0.630	0.870	1.110	1.230	1.330	1.630	2.750	11.630
NORMALIZED MAX	3.152	2.886	2.976	3.096	3.556	3.448	3.452	2.465	2.508	4.066	2.685
CALC. COEF. VAR	0.577	0.564	0.586	0.545	0.479	0.415	0.384	0.394	0.425	0.490	0.471
REGN. COEF. VAR	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.381
USED COEF. VAR	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.381
MEAN/A	0.0166	0.0252	0.0319	0.0457	0.0627	0.0888	0.1030	0.1313	0.1536	0.1790	1.0000
RP10/A	0.0249	0.0379	0.0480	0.0686	0.0942	0.1336	0.1549	0.1974	0.2309	0.2691	1.5107
RP25/A	0.0297	0.0452	0.0572	0.0819	0.1124	0.1592	0.1847	0.2354	0.2753	0.3209	1.7783
RP50/A	0.0332	0.0504	0.0639	0.0914	0.1255	0.1779	0.2063	0.2630	0.3075	0.3584	1.9685
RP100/A	0.0366	0.0556	0.0704	0.1008	0.1384	0.1961	0.2274	0.2899	0.3390	0.3951	2.1516
RP1000/A	0.0475	0.0721	0.0914	0.1307	0.1795	0.2543	0.2949	0.3760	0.4397	0.5125	2.7264
RP10000/A	0.0580	0.0881	0.1116	0.1597	0.2192	0.3106	0.3602	0.4592	0.5370	0.6258	3.2696
PMP/A	0.1101	0.1673	0.2119	0.3032	0.4162	0.5898	0.6840	0.8720	1.0197	1.1885	6.7150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
W26 979 0	BORON	2455	31	11N	07W	R	S	35.000	117.650	KERN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1960	0.14	0.16	0.18	0.20	0.25	0.33	0.33	0.35	0.35	0.35	2.33
1961	0.04	0.06	0.08	0.14	0.19	0.20	0.34	0.41	0.58	0.58	1.63
1962	0.02	0.04	0.06	0.08	0.11	0.19	0.26	0.32	0.44	0.66	2.08
1963	0.03	0.05	0.06	0.10	0.19	0.27	0.30	0.46	0.69	0.71	4.24
1964	0.02	0.06	0.06	0.10	0.17	0.30	0.31	0.32	0.32	0.43	2.08
1965	0.30	0.56	0.66	0.68	0.86	0.98	0.99	0.99	1.16	1.21	9.13
1966	0.02	0.03	0.04	0.08	0.13	0.21	0.29	0.41	0.58	0.58	2.19
1967	0.20	0.21	0.30	0.58	0.80	0.80	0.80	0.80	0.80	0.96	6.80
1968	0.06	0.08	0.10	0.18	0.20	0.24	0.28	0.36	0.38	0.38	2.45
1969	0.03	0.06	0.09	0.12	0.21	0.37	0.48	0.72	0.89	0.93	5.98
1970	0.06	0.09	0.10	0.16	0.23	0.30	0.30	0.35	0.40	0.70	3.34
1971	0.01	0.02	0.04	0.06	0.08	0.10	0.12	0.16	0.24	0.30	1.68
1972	0.12	0.22	0.22	0.28	0.30	0.30	0.30	0.36	0.36	0.36	1.69
1973	*****	*****	*****	*****	0.22	0.43	0.58	0.96	1.02	1.02	4.24
1974	*****	*****	*****	*****	0.70	1.21	1.25	1.25	1.25	1.25	6.30

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
W26 979 0	BORON	2455	31	11N	07W	R	S	35.000	117.650	KERN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.07	0.11	0.14	0.19	0.28	0.38	0.42	0.50	0.57	0.63	3.47
5	0.11	0.17	0.21	0.29	0.42	0.57	0.63	0.75	0.86	0.95	5.19
10	0.13	0.21	0.25	0.35	0.51	0.70	0.77	0.91	1.05	1.15	6.26
20	0.16	0.24	0.30	0.41	0.60	0.82	0.90	1.06	1.22	1.35	7.23
25	0.16	0.25	0.31	0.43	0.63	0.86	0.94	1.11	1.28	1.41	7.53
40	0.18	0.28	0.34	0.47	0.68	0.93	1.02	1.21	1.39	1.53	8.14
50	0.19	0.29	0.35	0.49	0.71	0.97	1.06	1.26	1.45	1.59	8.43
100	0.21	0.32	0.39	0.54	0.79	1.08	1.18	1.40	1.61	1.77	9.29
200	0.23	0.35	0.43	0.59	0.87	1.18	1.29	1.53	1.77	1.95	10.12
1000	0.27	0.42	0.52	0.72	1.04	1.42	1.56	1.85	2.12	2.34	11.97
10000	0.34	0.52	0.64	0.88	1.29	1.75	1.92	2.28	2.62	2.89	14.49
PMP	0.68	1.04	1.28	1.78	2.59	3.54	3.87	4.59	5.28	5.82	31.88
MEAN	0.081	0.125	0.153	0.212	0.309	0.422	0.462	0.548	0.631	0.695	3.744
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.657	2.485	2.518	1.839	1.541	1.670	1.585	1.059	0.726	0.479	1.114
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.510 ; INTERCEPT (TIME=1 HOUR) =0.293 ; COEFFICIENT OF DETERMINATION = 0.994
1HR INTERCEPT / MEAN YR =0.07824 ; AVERAGE CALC CV / USED CV = 1.90

KURTOSIS	5.797	10.053	10.088	5.910	4.395	5.334	5.248	3.595	2.848	2.625	3.867
N	13	13	13	13	15	15	15	15	15	15	15
RECORD YEAR	1965	1965	1965	1965	1965	1974	1974	1974	1974	1974	1965
RECORD MAXIMUM	0.300	0.560	0.660	0.680	0.860	1.210	1.250	1.250	1.250	1.250	9.130
NORMILIZED MAX	2.516	2.966	2.967	2.390	2.161	2.488	2.507	2.220	1.909	1.763	2.325
CALC. COEF. VAR	1.079	1.178	1.116	0.922	0.824	0.751	0.680	0.577	0.514	0.453	0.619
REGN. COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
USED COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
MEAN/A	0.0216	0.0333	0.0409	0.0567	0.0826	0.1127	0.1234	0.1464	0.1684	0.1855	1.0000
RP10/A	0.0358	0.0552	0.0679	0.0941	0.1371	0.1870	0.2048	0.2429	0.2795	0.3079	1.6708
RP25/A	0.0437	0.0675	0.0829	0.1149	0.1675	0.2285	0.2501	0.2967	0.3415	0.3761	2.0113
RP50/A	0.0494	0.0763	0.0937	0.1300	0.1894	0.2584	0.2828	0.3355	0.3861	0.4253	2.2516
RP100/A	0.0550	0.0849	0.1042	0.1446	0.2106	0.2874	0.3146	0.3732	0.4295	0.4730	2.4816
RP1000/A	0.0727	0.1121	0.1377	0.1910	0.2783	0.3797	0.4157	0.4931	0.5675	0.6251	3.1984
RP10000/A	0.0896	0.1383	0.1699	0.2356	0.3433	0.4683	0.5127	0.6081	0.6999	0.7709	3.8702
PMP/A	0.1808	0.2789	0.3426	0.4752	0.6924	0.9445	1.0341	1.2266	1.4116	1.5548	8.5150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
C00 2012 0	CORCORAN	200	15	21S	22E	P	M	36.098	119.581	KINGS

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	0.13	0.17	0.21	0.23	0.38	0.54	0.62	0.76	0.79	0.79	12.88
1942	0.15	0.18	0.22	0.24	0.34	0.38	0.40	0.43	0.50	0.50	5.40
1943	0.10	0.12	0.13	0.18	0.31	0.35	0.47	0.68	1.04	1.20	9.16
1944	0.21	0.23	0.27	0.36	0.46	0.46	0.51	0.70	1.19	1.64	8.05
1945	0.10	0.13	0.17	0.22	0.27	0.35	0.35	0.41	0.64	1.01	7.18
1946	0.11	0.13	0.15	0.18	0.23	0.26	0.39	0.78	1.56	1.56	7.78
1947	0.10	0.11	0.12	0.13	0.20	0.32	0.27	0.35	0.39	0.39	2.96
1948	0.11	0.13	0.14	0.15	0.23	0.28	0.47	0.70	0.70	0.70	4.44
1949	0.11	0.12	0.12	0.15	0.22	0.29	0.32	0.34	0.37	0.49	4.93
1950	0.04	0.05	0.06	0.10	0.18	0.24	0.25	0.32	0.50	0.50	4.66
1951	0.23	0.28	0.35	0.40	0.42	0.45	0.45	0.72	1.01	1.04	5.86
1952	0.06	0.10	0.15	0.24	0.43	0.58	0.63	0.80	0.82	0.92	9.99
1953	0.04	0.06	0.07	0.14	0.20	0.35	0.51	0.80	0.88	0.89	3.24
1954	0.07	0.07	0.08	0.12	0.22	0.35	0.45	0.70	0.89	0.96	6.24
1955	0.05	0.07	0.10	0.15	0.27	0.36	0.44	0.60	0.61	1.37	8.67
1956	0.12	0.15	0.23	0.34	0.37	0.37	0.38	0.43	0.48	0.58	4.02
1957	0.09	0.11	0.13	0.18	0.26	0.38	0.40	0.41	0.47	0.56	6.20
1958	0.05	0.07	0.11	0.18	0.38	0.58	0.70	0.85	0.96	1.06	11.73
1959	0.03	0.05	0.07	0.11	0.21	0.25	0.33	0.43	0.58	0.61	2.73
1960	0.05	0.07	0.11	0.18	0.28	0.41	0.53	0.66	1.20	1.53	6.08
1961	0.05	0.10	0.13	0.15	0.17	0.26	0.31	0.52	0.87	1.17	4.48
1962	0.03	0.05	0.06	0.09	0.16	0.24	0.32	0.41	0.68	1.25	5.58
1963	0.06	0.10	0.14	0.19	0.24	0.34	0.45	0.59	0.76	0.86	8.36
1964	0.07	0.09	0.10	0.16	0.26	0.39	0.52	0.58	0.59	0.61	4.93
1965	0.07	0.09	0.10	0.15	0.24	0.34	0.48	0.81	1.13	1.27	5.89
1966	0.20	0.25	0.28	0.34	0.38	0.50	0.61	0.86	1.16	1.41	4.73
1967	0.05	0.09	0.10	0.12	0.17	0.29	0.39	0.48	0.61	0.79	6.73
1968	0.04	0.08	0.10	0.16	0.24	0.35	0.35	0.47	0.54	0.83	5.63
1969	0.12	0.12	0.12	0.17	0.30	0.58	0.87	1.58	1.86	1.92	11.84
1970	0.11	0.15	0.18	0.27	0.40	0.54	0.62	0.76	0.85	0.90	7.84
1971	0.06	0.10	0.14	0.23	0.37	0.52	0.70	0.77	0.82	0.82	4.31
1972	0.11	0.16	0.18	0.22	0.29	0.34	0.48	0.60	0.67	0.67	3.63
1973	*****	*****	*****	*****	0.29	0.51	0.71	1.13	1.82	2.12	10.25
1974	*****	*****	*****	*****	0.40	0.53	0.57	0.73	0.92	1.08	6.55

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
C00 2012 0	CORCORAN	200	15	21S	22E	P	M	36.098	119.581	KINGS

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.08	0.11	0.13	0.18	0.26	0.36	0.44	0.60	0.78	0.92	6.15
5	0.12	0.15	0.18	0.25	0.37	0.50	0.61	0.83	1.08	1.27	8.45
10	0.14	0.18	0.22	0.29	0.43	0.59	0.72	0.98	1.28	1.50	9.91
20	0.16	0.20	0.25	0.34	0.50	0.67	0.82	1.12	1.46	1.72	11.25
25	0.16	0.21	0.26	0.35	0.52	0.70	0.86	1.17	1.52	1.79	11.66
40	0.18	0.23	0.28	0.38	0.56	0.76	0.93	1.26	1.64	1.93	12.51
50	0.18	0.24	0.29	0.39	0.58	0.78	0.96	1.31	1.70	2.00	12.91
100	0.20	0.26	0.32	0.43	0.63	0.86	1.05	1.44	1.87	2.21	14.11
200	0.22	0.28	0.35	0.47	0.69	0.94	1.15	1.57	2.04	2.41	15.27
1000	0.26	0.34	0.41	0.56	0.82	1.12	1.37	1.87	2.43	2.86	17.88
10000	0.32	0.41	0.50	0.68	1.00	1.37	1.67	2.28	2.97	3.49	21.44
PMP	0.61	0.78	0.96	1.29	1.91	2.59	3.17	4.33	5.64	6.64	44.03
MEAN	0.091	0.118	0.144	0.195	0.287	0.391	0.478	0.652	0.849	0.999	6.557
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.175	1.287	1.317	1.167	0.382	0.445	0.780	1.604	1.277	0.849	0.787
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.529 ; INTERCEPT (TIME=1 HOUR) =0.281 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.04289 ; AVERAGE CALC CV / USED CV = 1.05

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.305	4.776	4.918	4.086	2.233	2.242	3.555	7.934	4.787	3.580	3.225
N	32	32	32	32	34	34	34	34	34	34	34
RECORD YEAR	1951	1951	1951	1951	1944	1952	1969	1969	1969	1973	1941
RECORD MAXIMUM	0.230	0.280	0.350	0.400	0.460	0.580	0.870	1.580	1.860	2.120	12.880
NORMALIZED MAX	2.699	2.869	3.047	2.659	2.037	1.771	2.780	3.743	2.763	2.665	2.424
CALC. CDF. VAR	0.563	0.478	0.467	0.397	0.295	0.274	0.295	0.381	0.431	0.421	0.398
REGN. CDF. VAR	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.381
USED CDF. VAR	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.381
MEAN/A	0.0139	0.0180	0.0220	0.0297	0.0438	0.0596	0.0729	0.0994	0.1294	0.1524	1.0000
RP10/A	0.0209	0.0271	0.0331	0.0446	0.0659	0.0896	0.1096	0.1494	0.1946	0.2291	1.5107
RP25/A	0.0249	0.0323	0.0395	0.0532	0.0786	0.1068	0.1307	0.1782	0.2321	0.2732	1.7783
RP50/A	0.0279	0.0361	0.0441	0.0595	0.0878	0.1193	0.1460	0.1990	0.2592	0.3052	1.9685
RP100/A	0.0307	0.0398	0.0486	0.0655	0.0967	0.1315	0.1609	0.2194	0.2857	0.3364	2.1516
RP1000/A	0.0398	0.0516	0.0630	0.0850	0.1255	0.1705	0.2087	0.2846	0.3706	0.4364	2.7264
RP10000/A	0.0487	0.0630	0.0770	0.1038	0.1532	0.2083	0.2549	0.3475	0.4526	0.5329	3.2696
PMP/A	0.0924	0.1196	0.1462	0.1971	0.2910	0.3955	0.4840	0.6600	0.8595	1.0120	6.7150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
ARO 1806 0	CLEAR LAKE	1320	20	13N	07W		M	38.967	122.650	LAKE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	0.26	0.34	0.35	0.35	0.40	0.72	0.92	1.30	1.75	2.54	45.87
1942	0.14	0.18	0.21	0.27	0.37	0.53	0.66	1.11	1.63	2.16	29.41
1943	0.10	0.18	0.20	0.25	0.36	0.55	0.74	1.39	2.33	3.25	18.66
1944	0.09	0.08	0.10	0.20	0.29	0.51	0.67	0.75	1.15	1.67	22.56
1945	0.07	0.13	0.15	0.21	0.37	0.58	0.75	1.17	1.82	3.12	24.55
1946	0.14	0.17	0.18	0.19	0.32	0.56	0.69	1.14	1.53	2.09	12.28
1947	0.08	0.13	0.18	0.22	0.38	0.54	0.68	0.86	1.22	1.39	14.20
1948	0.10	0.11	0.12	0.19	0.34	0.51	0.64	1.07	1.26	1.54	21.56
1949	0.16	0.24	0.27	0.46	0.62	0.68	0.68	0.90	1.51	2.49	15.76
1950	0.12	0.15	0.23	0.36	0.63	1.03	1.34	1.90	2.10	3.37	28.26
1951	0.08	0.16	0.21	0.28	0.41	0.79	0.98	1.41	1.54	1.81	24.41
1952	0.17	0.25	0.28	0.39	0.61	0.83	1.03	1.88	2.73	3.10	30.74
1953	0.07	0.11	0.12	0.19	0.39	0.70	1.05	1.83	2.47	2.99	16.82
1954	0.04	0.08	0.10	0.15	0.26	0.41	0.55	1.08	1.95	2.03	25.64
1955	0.04	0.06	0.11	0.22	0.32	0.56	0.71	1.32	2.05	4.05	23.06
1956	0.05	0.08	0.13	0.21	0.30	0.53	0.65	1.04	1.43	2.02	20.42
1957	0.14	0.19	0.21	0.21	0.35	0.58	0.90	1.28	1.88	3.07	32.21
1958	0.07	0.14	0.19	0.25	0.44	0.64	0.95	1.70	2.60	4.59	30.48
1959	0.10	0.12	0.15	0.19	0.38	0.73	1.00	1.70	2.84	3.64	22.86
1960	0.15	0.22	0.33	0.46	0.76	1.03	1.34	2.04	2.52	2.84	24.85
1961	0.07	0.09	0.10	0.19	0.31	0.51	0.66	0.95	1.33	1.79	16.13
1962	0.05	0.10	0.12	0.24	0.35	0.56	0.77	1.32	2.41	4.40	23.43
1963	0.10	0.14	0.18	0.24	0.34	0.68	0.93	1.32	2.03	3.10	24.12
1964	0.09	0.13	0.17	0.24	0.37	0.56	0.73	1.24	1.48	1.91	21.29
1965	0.25	0.36	0.48	0.89	1.08	1.15	1.15	1.18	1.89	2.37	25.96
1966	0.07	0.12	0.18	0.33	0.51	0.72	1.07	1.26	1.93	2.34	18.66
1967	0.05	0.09	0.13	0.24	0.35	0.54	0.64	1.08	1.43	1.52	24.11
1968	0.05	0.08	0.12	0.20	0.35	0.60	0.82	1.28	2.35	4.09	26.14
1969	0.14	0.19	0.26	0.31	0.40	0.63	0.78	1.06	1.52	1.90	31.09
1970	0.07	0.13	0.15	0.28	0.50	0.75	0.98	1.28	2.09	2.66	30.06
1971	0.05	0.07	0.09	0.13	0.24	0.44	0.54	0.75	1.45	1.67	14.21
1972	*****	*****	*****	*****	0.30	0.50	0.70	1.10	1.50	2.50	17.41
1973	*****	*****	0.30	0.40	0.60	0.80	1.10	1.60	2.50	3.20	41.90
1974	*****	*****	0.20	0.40	0.50	0.80	1.00	1.50	1.80	2.30	22.90

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
ARO 1806 0	CLEAR LAKE	1320	20	13N	07W		M	38.967	122.650	LAKE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.09	0.14	0.18	0.26	0.39	0.61	0.79	1.19	1.75	2.44	23.64
5	0.13	0.19	0.25	0.37	0.55	0.85	1.10	1.67	2.45	3.42	30.73
10	0.16	0.23	0.29	0.44	0.65	1.01	1.30	1.98	2.90	4.06	34.75
20	0.18	0.26	0.34	0.50	0.75	1.15	1.49	2.27	3.32	4.64	38.23
25	0.18	0.27	0.35	0.52	0.78	1.20	1.55	2.36	3.45	4.82	39.27
40	0.19	0.28	0.36	0.53	0.79	1.22	1.58	2.40	3.51	4.91	41.37
50	0.21	0.31	0.39	0.58	0.87	1.34	1.73	2.63	3.84	5.37	42.33
100	0.23	0.34	0.43	0.64	0.95	1.47	1.90	2.89	4.23	5.91	45.17
200	0.25	0.37	0.47	0.69	1.04	1.60	2.07	3.14	4.60	6.43	47.85
1000	0.29	0.43	0.55	0.82	1.22	1.89	2.44	3.71	5.43	7.59	53.60
10000	0.35	0.52	0.67	0.99	1.48	2.29	2.96	4.50	6.58	9.19	61.07
PMP	0.71	1.05	1.34	1.99	2.99	4.61	5.97	9.07	13.27	18.55	144.58
MEAN	0.101	0.150	0.191	0.283	0.424	0.654	0.847	1.288	1.883	2.633	24.177
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.388	1.475	1.456	2.832	2.250	1.266	0.702	0.603	0.379	0.622	0.978
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.407 ; INTERCEPT (TIME=1 HOUR) =0.433 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.01792 ; AVERAGE CALC CV / USED CV = 1.02

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	5.045	5.340	5.848	13.838	9.513	4.676	3.050	3.135	2.292	2.868	4.922
N	31	31	33	33	34	34	34	34	34	34	34
RECORD YEAR	1941	1965	1965	1965	1965	1965	1950	1960	1959	1958	1941
RECORD MAXIMUM	0.260	0.360	0.480	0.890	1.080	1.150	1.340	2.040	2.840	4.590	45.870
NORMILIZED MAX	2.841	2.916	3.360	4.378	3.947	2.910	2.352	2.314	2.034	2.284	2.986
CALC. COEF. VAR	0.557	0.482	0.451	0.490	0.391	0.260	0.247	0.252	0.250	0.325	0.301
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0042	0.0062	0.0079	0.0117	0.0176	0.0271	0.0350	0.0533	0.0779	0.1089	1.0000
RP10/A	0.0066	0.0095	0.0122	0.0180	0.0270	0.0417	0.0540	0.0821	0.1200	0.1677	1.4371
RP25/A	0.0076	0.0113	0.0145	0.0215	0.0322	0.0496	0.0642	0.0976	0.1427	0.1995	1.6243
RP50/A	0.0085	0.0126	0.0161	0.0239	0.0358	0.0553	0.0715	0.1088	0.1590	0.2223	1.7508
RP100/A	0.0093	0.0139	0.0177	0.0263	0.0394	0.0607	0.0786	0.1195	0.1748	0.2443	1.8683
RP1000/A	0.0120	0.0179	0.0228	0.0338	0.0506	0.0780	0.1010	0.1536	0.2246	0.3140	2.2171
RP10000/A	0.0145	0.0216	0.0276	0.0409	0.0613	0.0945	0.1224	0.1861	0.2720	0.3803	2.5262
PMP/A	0.0293	0.0436	0.0556	0.0825	0.1237	0.1907	0.2468	0.3753	0.5487	0.7671	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
ARO 4097 0	HOPLAND 8 NE	2510	32	14N	10W		M	39.017	123.000	LAKE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1944	0.13	0.20	0.25	0.35	0.44	0.57	0.60	0.95	1.65	2.79	39.94
1945	0.13	0.19	0.25	0.31	0.49	0.83	0.97	1.67	2.32	3.34	47.83
1946	0.11	0.20	0.27	0.37	0.46	0.60	0.73	1.45	2.20	2.49	18.38
1947	0.07	0.11	0.15	0.28	0.47	0.61	0.79	1.27	2.03	2.66	23.81
1948	0.08	0.12	0.15	0.21	0.34	0.49	0.62	1.08	1.35	2.98	35.46
1949	0.10	0.15	0.19	0.26	0.38	0.70	0.71	1.28	1.48	2.08	24.02
1950	0.23	0.30	0.35	0.46	0.63	0.97	1.40	2.04	2.97	4.78	40.81
1951	0.12	0.18	0.23	0.40	0.64	0.97	1.24	1.66	2.33	3.29	45.02
1952	0.13	0.19	0.23	0.36	0.45	0.66	0.98	1.88	2.90	4.03	45.59
1953	0.13	0.17	0.20	0.26	0.30	0.52	0.64	1.12	1.48	2.65	37.58
1954	0.16	0.28	0.35	0.49	0.65	0.86	0.87	1.76	2.98	5.81	42.25
1955	0.07	0.11	0.15	0.22	0.35	0.70	0.98	1.79	3.15	3.90	36.28
1956	0.09	0.11	0.16	0.25	0.41	0.63	0.77	1.13	1.34	2.82	33.93
1957	0.07	0.11	0.15	0.25	0.41	0.81	1.14	1.76	2.64	3.39	47.58
1958	0.10	0.15	0.19	0.30	0.51	0.70	1.03	2.03	3.40	4.37	46.78
1959	0.09	0.13	0.15	0.25	0.40	0.71	0.96	1.50	2.05	2.43	25.06
1960	0.10	0.18	0.21	0.30	0.46	0.82	1.13	1.98	3.07	4.39	45.74
1961	0.17	0.24	0.26	0.30	0.42	0.67	0.89	1.49	2.42	3.17	33.86
1962	0.20	0.35	0.42	0.55	0.61	0.96	1.31	2.49	3.82	5.85	40.77
1963	0.08	0.13	0.18	0.25	0.42	0.83	1.10	1.93	3.07	4.02	41.58
1964	0.14	0.20	0.27	0.38	0.73	1.10	1.58	2.60	4.41	7.57	48.29
1965	0.17	0.24	0.30	0.45	0.63	0.92	1.17	1.81	2.82	3.39	33.18
1966	*****	*****	0.18	0.30	0.53	0.87	1.04	1.46	2.15	2.84	36.80
1967	*****	*****	0.10	0.18	0.31	0.58	0.78	1.37	2.19	3.90	40.00
1968	*****	*****	0.11	0.20	0.35	0.66	0.91	1.57	2.23	2.49	******
1969	*****	*****	0.18	0.29	0.37	0.55	0.75	0.96	1.51	2.25	******
1970	*****	*****	0.25	0.31	0.45	0.69	0.73	1.18	2.04	3.22	******
1971	*****	*****	0.14	0.24	0.31	0.42	0.53	0.70	1.07	1.33	******
1972	*****	*****	0.21	0.28	0.25	0.38	0.54	0.72	1.11	1.49	31.90
1973	*****	*****	*****	*****	0.75	1.00	1.09	1.29	1.66	2.71	******
1974	*****	*****	*****	*****	0.40	0.72	1.07	2.02	3.20	4.34	40.85

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
ARO 4097 0	HOPLAND 8 NE	2510	32	14N	10W		M	39.017	123.000	LAKE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.11	0.17	0.20	0.29	0.49	0.72	0.90	1.46	2.21	3.19	36.91
5	0.16	0.24	0.28	0.41	0.68	1.01	1.27	2.05	3.09	4.48	47.97
10	0.19	0.28	0.33	0.48	0.81	1.20	1.50	2.43	3.67	5.31	54.24
20	0.21	0.32	0.38	0.55	0.93	1.37	1.72	2.78	4.20	6.07	59.68
25	0.22	0.34	0.39	0.57	0.96	1.42	1.79	2.89	4.36	6.31	61.30
40	0.23	0.34	0.40	0.58	0.98	1.45	1.82	2.94	4.44	6.43	64.58
50	0.25	0.37	0.44	0.64	1.08	1.59	1.99	3.22	4.86	7.03	66.08
100	0.27	0.41	0.48	0.70	1.18	1.74	2.19	3.54	5.34	7.73	70.51
200	0.30	0.45	0.52	0.76	1.29	1.90	2.38	3.85	5.81	8.41	74.69
1000	0.35	0.53	0.62	0.90	1.52	2.24	2.81	4.55	6.86	9.93	83.68
10000	0.42	0.64	0.75	1.09	1.84	2.71	3.40	5.51	8.31	12.03	95.34
PMP	0.86	1.29	1.51	2.20	3.71	5.47	6.87	11.11	16.76	24.26	225.70
MEAN	0.121	0.184	0.215	0.312	0.527	0.777	0.975	1.577	2.380	3.444	37.742
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.909	0.945	0.911	1.004	0.683	0.141	0.448	0.224	0.432	1.208	-0.760
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.412 ; INTERCEPT (TIME=1 HOUR) =0.508 ; COEFFICIENT OF DETERMINATION = 0.993
1HR INTERCEPT / MEAN YR =0.01346 ; AVERAGE CALC CV / USED CV = 0.76

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.748	3.845	4.006	3.848	2.991	2.721	3.177	3.088	3.073	5.394	3.237
N	22	22	29	29	31	31	31	31	31	31	26
RECORD YEAR	1950	1962	1962	1962	1973	1964	1964	1964	1964	1964	1964
RECORD MAXIMUM	0.230	0.350	0.420	0.550	0.750	1.100	1.580	2.600	4.410	7.570	48.290
NORMILIZED MAX	2.500	2.517	2.739	2.644	1.521	1.703	2.276	2.159	2.457	3.146	1.294
CALC. COEF. VAR	0.358	0.360	0.349	0.288	0.279	0.245	0.273	0.300	0.347	0.361	0.216
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0032	0.0049	0.0057	0.0083	0.0140	0.0206	0.0258	0.0418	0.0631	0.0913	1.0000
RP10/A	0.0050	0.0075	0.0088	0.0127	0.0215	0.0317	0.0398	0.0644	0.0971	0.1406	1.4371
RP25/A	0.0059	0.0089	0.0104	0.0152	0.0256	0.0377	0.0473	0.0766	0.1155	0.1672	1.6243
RP50/A	0.0066	0.0099	0.0116	0.0169	0.0285	0.0420	0.0527	0.0853	0.1287	0.1863	1.7508
RP100/A	0.0072	0.0109	0.0128	0.0186	0.0313	0.0462	0.0579	0.0938	0.1415	0.2048	1.8683
RP1000/A	0.0093	0.0140	0.0164	0.0238	0.0402	0.0593	0.0745	0.1205	0.1818	0.2631	2.2171
RP10000/A	0.0112	0.0170	0.0199	0.0289	0.0487	0.0719	0.0902	0.1460	0.2202	0.3187	2.5262
PMP/A	0.0227	0.0343	0.0401	0.0583	0.0983	0.1450	0.1819	0.2944	0.4442	0.6429	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
ABO 525A 0	MAHNKE	2380	30	12N	08W		M	38.850	122.783	LAKE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1957	0.42	0.52	0.60	0.74	0.79	1.02	1.41	2.04	3.36	4.05	57.72
1958	0.27	0.35	0.43	0.65	1.15	1.64	1.93	2.90	4.52	5.62	66.11
1959	0.25	0.34	0.45	0.57	0.76	1.12	1.54	2.45	4.38	5.44	36.26
1960	0.09	0.12	0.19	0.32	0.56	0.99	1.40	2.55	4.23	5.49	53.04
1961	0.13	0.17	0.24	0.36	0.57	1.04	1.20	1.51	2.49	3.47	34.38
1962	0.15	0.25	0.39	0.62	0.88	1.26	1.70	2.71	4.78	7.70	47.69
1963	0.09	0.12	0.16	0.30	0.56	1.00	1.49	2.62	4.56	5.95	50.63
1964	0.20	0.27	0.30	0.47	0.69	1.23	1.64	2.80	4.88	8.20	49.90
1965	0.14	0.21	0.22	0.38	0.61	1.12	1.40	2.42	4.60	5.81	48.07
1966	0.09	0.18	0.27	0.51	0.84	1.44	1.77	2.57	3.80	5.24	43.74
1967	0.07	0.10	0.17	0.17	0.45	0.79	1.10	1.65	2.68	3.09	46.76
1968	0.20	0.26	0.40	0.55	0.70	1.05	1.51	2.54	4.20	6.93	46.95
1969	0.08	0.16	0.24	0.38	0.54	0.79	1.09	1.68	2.61	3.98	56.50
1970	0.09	0.12	0.18	0.29	0.55	0.98	1.46	2.26	4.32	5.11	64.93
1971	0.04	0.07	0.11	0.22	0.42	0.80	1.07	1.68	2.66	3.23	29.58
1972	0.08	0.12	0.15	0.25	0.34	0.38	0.40	0.59	0.97	1.82	29.60
1973	*****	*****	*****	*****	0.47	0.89	1.26	2.12	3.15	4.20	70.12
1974	*****	*****	*****	*****	0.44	0.84	1.21	2.17	2.78	4.63	46.76

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
ABO 525A 0	MAHNKE	2380	30	12N	08W		M	38.850	122.783	LAKE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.19	0.26	0.39	0.58	0.95	1.27	2.02	3.33	4.68	47.74
5	0.19	0.27	0.37	0.55	0.82	1.33	1.78	2.86	4.66	6.56	62.05
10	0.23	0.32	0.43	0.65	0.97	1.57	2.10	3.36	5.53	7.78	70.16
20	0.26	0.37	0.50	0.75	1.11	1.80	2.41	3.85	6.33	8.90	77.19
25	0.27	0.38	0.52	0.78	1.15	1.87	2.50	4.00	6.57	9.25	79.30
40	0.28	0.39	0.52	0.79	1.17	1.91	2.55	4.07	6.70	9.42	83.54
50	0.30	0.43	0.57	0.87	1.28	2.08	2.79	4.45	7.32	10.31	85.47
100	0.34	0.47	0.63	0.95	1.41	2.29	3.06	4.89	8.05	11.33	91.21
200	0.36	0.51	0.69	1.03	1.54	2.49	3.33	5.32	8.76	12.32	96.62
1000	0.43	0.61	0.81	1.22	1.81	2.94	3.94	6.29	10.34	14.55	108.24
10000	0.52	0.73	0.98	1.48	2.20	3.57	4.77	7.62	12.53	17.63	123.32
PMP	1.05	1.48	1.98	2.99	4.43	7.19	9.62	15.37	25.27	35.56	291.94
MEAN	0.149	0.210	0.281	0.424	0.629	1.021	1.366	2.181	3.587	5.048	48.819
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.558	1.290	0.931	0.332	1.013	0.087	-1.100	-1.258	-0.828	0.081	0.037
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.381 ; INTERCEPT (TIME=1 HOUR) =0.661 ; COEFFICIENT OF DETERMINATION = 0.994
1HR INTERCEPT / MEAN YR =0.01355 ; AVERAGE CALC CV / USED CV = 1.04

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	5.950	5.163	3.736	2.616	4.619	4.907	6.082	5.211	3.593	3.491	3.054
N	16	16	16	16	18	18	18	18	18	18	18
RECORD YEAR	1957	1957	1957	1957	1958	1958	1958	1958	1964	1964	1973
RECORD MAXIMUM	0.420	0.520	0.600	0.740	1.150	1.640	1.930	2.900	4.880	8.200	70.120
NORMILIZED MAX	2.748	2.624	2.342	1.880	2.608	2.238	1.655	1.240	1.205	1.944	1.824
CALC. COEF. VAR	0.659	0.563	0.484	0.397	0.318	0.271	0.250	0.266	0.299	0.321	0.239
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0031	0.0043	0.0058	0.0087	0.0129	0.0209	0.0280	0.0447	0.0735	0.1034	1.0000
RP10/A	0.0047	0.0066	0.0089	0.0134	0.0198	0.0322	0.0431	0.0688	0.1132	0.1593	1.4371
RP25/A	0.0056	0.0079	0.0106	0.0159	0.0236	0.0383	0.0513	0.0819	0.1347	0.1895	1.6243
RP50/A	0.0062	0.0088	0.0118	0.0177	0.0263	0.0427	0.0571	0.0912	0.1500	0.2111	1.7508
RP100/A	0.0069	0.0097	0.0129	0.0195	0.0289	0.0469	0.0628	0.1003	0.1649	0.2320	1.8683
RP1000/A	0.0088	0.0124	0.0166	0.0250	0.0371	0.0603	0.0807	0.1288	0.2119	0.2981	2.2171
RP10000/A	0.0107	0.0150	0.0201	0.0303	0.0450	0.0730	0.0977	0.1560	0.2566	0.3611	2.5262
PMP/A	0.0216	0.0303	0.0406	0.0612	0.0908	0.1474	0.1971	0.3148	0.5177	0.7284	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATION
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
ABO 5858 1	MORGAN VALLEY	2415	13	12N	06W	L	M	38.886	122.475	LAKE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1964	0.56	0.57	0.58	0.60	0.62	0.82	1.14	1.54	2.51	3.96	31.91
1965	0.27	0.52	0.65	0.83	0.87	1.01	1.12	1.66	2.66	3.80	32.87
1966	0.19	0.26	0.35	0.55	0.82	1.21	1.48	2.23	3.40	3.87	33.12
1967	0.13	0.25	0.36	0.41	0.42	0.70	0.94	1.58	2.60	4.22	35.94
1968	0.09	0.13	0.17	0.24	0.44	0.73	0.99	1.78	2.96	5.19	30.39
1969	0.13	0.13	0.14	0.25	0.49	0.76	0.84	1.44	2.00	2.89	32.43
1970	0.11	0.13	0.22	0.33	0.56	0.76	1.14	2.24	3.53	5.03	49.24
1971	0.06	0.07	0.11	0.19	0.38	0.66	0.85	1.39	1.95	2.34	17.10
1972	0.11	0.14	0.17	0.31	0.40	0.69	0.96	1.29	1.65	2.35	21.21
1973	0.19	0.25	0.35	0.45	0.57	0.77	1.01	1.73	2.69	3.06	49.27

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
ABO 5858 1	MORGAN VALLEY	2415	13	12N	06W	L	M	38.886	122.475	LAKE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.17	0.23	0.29	0.39	0.52	0.75	0.97	1.57	2.41	3.41	32.61
5	0.24	0.32	0.40	0.54	0.72	1.05	1.36	2.20	3.37	4.77	42.39
10	0.28	0.38	0.48	0.64	0.86	1.25	1.61	2.60	4.00	5.65	47.93
20	0.32	0.43	0.55	0.73	0.98	1.43	1.85	2.98	4.58	6.47	52.73
25	0.34	0.45	0.57	0.76	1.02	1.48	1.92	3.09	4.76	6.73	54.17
40	0.34	0.46	0.58	0.78	1.04	1.51	1.95	3.15	4.84	6.85	57.06
50	0.38	0.50	0.63	0.85	1.14	1.65	2.14	3.45	5.30	7.49	58.38
100	0.41	0.55	0.70	0.93	1.25	1.82	2.35	3.79	5.82	8.24	62.30
200	0.45	0.60	0.76	1.02	1.36	1.97	2.56	4.12	6.33	8.96	66.00
1000	0.53	0.71	0.89	1.20	1.61	2.33	3.02	4.87	7.48	10.58	73.94
10000	0.64	0.86	1.08	1.45	1.95	2.83	3.66	5.90	9.06	12.82	84.24
PMP	1.30	1.73	2.18	2.93	3.92	5.70	7.38	11.89	18.28	25.86	199.42
MEAN	0.184	0.245	0.310	0.416	0.557	0.809	1.047	1.688	2.595	3.671	33.348
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.264	1.226	0.870	1.007	0.972	1.725	1.366	0.884	0.040	0.116	0.257
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.522 ; INTERCEPT (TIME=1 HOUR) =0.588 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.01763 ; AVERAGE CALC CV / USED CV = 1.16

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	9.112	4.254	3.663	4.569	3.810	6.398	6.280	3.843	3.312	3.017	4.027
N	10	10	10	10	10	10	10	10	10	10	10
RECORD YEAR	1964	1964	1965	1965	1965	1966	1966	1970	1970	1968	1973
RECORD MAXIMUM	0.560	0.570	0.650	0.830	0.870	1.210	1.480	2.240	3.530	5.190	49.270
NORMILIZED MAX	2.589	1.902	1.831	2.091	1.827	2.322	2.313	1.697	1.535	1.511	1.561
CALC. COEF. VAR	0.789	0.698	0.599	0.476	0.308	0.213	0.179	0.193	0.235	0.274	0.306
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0055	0.0073	0.0093	0.0125	0.0167	0.0243	0.0314	0.0506	0.0778	0.1101	1.0000
RP10/A	0.0085	0.0113	0.0143	0.0192	0.0257	0.0374	0.0484	0.0780	0.1199	0.1696	1.4371
RP25/A	0.0101	0.0135	0.0170	0.0229	0.0306	0.0445	0.0575	0.0928	0.1426	0.2017	1.6243
RP50/A	0.0113	0.0150	0.0190	0.0255	0.0341	0.0495	0.0641	0.1033	0.1589	0.2248	1.7508
RP100/A	0.0124	0.0165	0.0209	0.0280	0.0375	0.0544	0.0704	0.1136	0.1746	0.2470	1.8683
RP1000/A	0.0159	0.0212	0.0268	0.0360	0.0482	0.0699	0.0905	0.1460	0.2244	0.3174	2.2171
RP10000/A	0.0193	0.0257	0.0325	0.0436	0.0583	0.0847	0.1097	0.1768	0.2718	0.3845	2.5262
PMP/A	0.0389	0.0518	0.0655	0.0879	0.1177	0.1709	0.2212	0.3566	0.5482	0.7755	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A10 731 0	BIEBER	4130	23	38N	07E	E	M	41.122	121.140	LASSEN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.04	0.07	0.08	0.15	0.24	0.41	0.48	0.61	0.69	1.57	25.12
1941	0.38	0.55	0.63	0.75	0.80	0.82	0.82	0.82	1.41	2.11	18.53
1942	0.08	0.10	0.12	0.20	0.25	0.42	0.43	0.75	1.48	1.93	20.60
1943	0.05	0.07	0.08	0.13	0.24	0.34	0.36	0.39	0.47	0.47	18.12
1944	0.06	0.10	0.13	0.18	0.28	0.40	0.45	0.81	0.99	1.26	16.81
1945	0.10	0.13	0.17	0.23	0.26	0.37	0.37	0.47	0.57	0.74	19.41
1946	0.10	0.14	0.15	0.15	0.22	0.25	0.37	0.54	0.76	0.76	13.66
1947	0.07	0.10	0.13	0.20	0.33	0.43	0.56	1.00	1.34	1.39	14.34
1948	0.06	0.10	0.11	0.18	0.24	0.40	0.57	0.88	1.42	1.67	23.54
1949	0.11	0.15	0.20	0.20	0.26	0.32	0.39	0.44	0.63	0.86	10.45
1950	0.14	0.21	0.23	0.28	0.28	0.43	0.48	0.57	0.74	0.90	20.99
1951	0.19	0.25	0.29	0.30	0.31	0.33	0.36	0.55	0.82	1.01	15.72
1952	0.35	0.40	0.42	0.43	0.74	0.86	0.87	0.87	0.96	0.96	16.15
1953	0.06	0.08	0.09	0.15	0.17	0.23	0.38	0.47	0.57	0.64	11.39
1954	0.05	0.07	0.09	0.18	0.31	0.37	0.56	0.70	0.90	1.32	17.66
1955	0.03	0.06	0.09	0.13	0.25	0.34	0.51	0.77	0.97	1.28	15.72
1956	0.11	0.22	0.28	0.30	0.30	0.33	0.50	0.62	0.78	1.04	36.46
1957	0.07	0.08	0.13	0.18	0.32	0.56	0.79	1.34	1.83	2.34	18.12
1958	0.12	0.16	0.21	0.42	0.45	0.59	0.77	0.98	1.30	1.40	18.70
1959	0.15	0.20	0.23	0.27	0.29	0.34	0.36	0.42	0.73	0.85	8.23
1960	0.07	0.12	0.15	0.19	0.26	0.39	0.45	0.59	0.91	1.55	14.72
1961	0.08	0.16	0.17	0.26	0.37	0.49	0.61	0.80	0.84	0.90	12.64
1962	0.05	0.09	0.10	0.18	0.35	0.65	0.94	1.45	1.45	2.03	20.61
1963	0.10	0.17	0.21	0.24	0.31	0.41	0.48	0.61	1.03	1.42	17.14
1964	0.04	0.06	0.10	0.19	0.35	0.64	0.89	1.41	1.99	2.86	19.89
1965	0.05	0.08	0.12	0.15	0.20	0.35	0.40	0.65	0.88	1.32	14.84
1966	0.03	0.05	0.07	0.11	0.17	0.24	0.33	0.48	0.58	0.89	12.43
1967	0.10	0.22	0.22	0.40	0.40	0.43	0.52	0.70	0.87	1.01	18.74
1968	0.10	0.16	0.22	0.27	0.28	0.40	0.55	0.81	0.97	1.22	17.17
1969	0.05	0.07	0.11	0.18	0.28	0.35	0.43	0.65	1.03	1.35	8.27
1970	0.15	0.23	0.35	0.35	0.35	0.44	0.58	0.91	1.41	2.22	24.07
1971	0.06	0.09	0.12	0.21	0.31	0.51	0.70	0.82	0.82	0.95	16.13
1972	0.05	0.09	0.12	0.19	0.27	0.42	0.52	0.63	1.13	1.28	15.10
1973	*****	*****	*****	*****	0.17	0.28	0.39	0.60	0.68	0.96	16.37
1974	*****	*****	*****	*****	0.14	0.28	0.33	0.48	0.89	0.95	13.74

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A10 731 0	BIEBER	4130	23	38N	07E	E	M	41.122	121.140	LASSEN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.09	0.13	0.16	0.22	0.28	0.39	0.49	0.67	0.92	1.19	16.58
5	0.13	0.19	0.23	0.31	0.39	0.54	0.67	0.93	1.27	1.65	20.81
10	0.15	0.22	0.27	0.36	0.46	0.64	0.80	1.11	1.51	1.96	23.29
20	0.17	0.25	0.31	0.42	0.53	0.74	0.92	1.27	1.73	2.25	25.50
25	0.18	0.26	0.32	0.43	0.56	0.77	0.96	1.32	1.80	2.35	26.17
40	0.19	0.29	0.35	0.47	0.60	0.83	1.03	1.43	1.94	2.53	27.52
50	0.20	0.30	0.36	0.49	0.62	0.86	1.07	1.48	2.01	2.62	28.14
100	0.22	0.33	0.40	0.54	0.68	0.95	1.18	1.63	2.22	2.89	30.01
200	0.24	0.36	0.44	0.58	0.75	1.04	1.29	1.78	2.42	3.16	31.78
1000	0.29	0.42	0.52	0.70	0.89	1.24	1.53	2.12	2.88	3.76	35.65
10000	0.35	0.52	0.64	0.85	1.09	1.51	1.87	2.59	3.53	4.60	40.79
PMP	0.66	0.99	1.21	1.62	2.07	2.88	3.57	4.93	6.71	8.75	87.61
MEAN	0.098	0.146	0.179	0.240	0.307	0.426	0.529	0.731	0.995	1.297	17.045
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.550	2.366	2.284	2.512	2.488	1.395	1.030	1.318	1.007	1.091	1.386
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.550 ; INTERCEPT (TIME=1 HOUR) =0.319 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.01871 ; AVERAGE CALC CV / USED CV = 1.40

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	10.015	9.947	9.659	11.375	10.450	5.126	3.300	4.853	3.869	4.221	7.517
N	33	33	33	33	35	35	35	35	35	35	35
RECORD YEAR	1941	1941	1941	1941	1941	1952	1962	1962	1964	1964	1956
RECORD MAXIMUM	0.380	0.550	0.630	0.750	0.800	0.860	0.940	1.450	1.990	2.860	36.460
NORMILIZED MAX	3.579	3.894	3.913	4.137	3.697	2.942	2.396	2.734	2.764	2.942	3.696
CALC. COEF. VAR	0.799	0.708	0.642	0.513	0.434	0.346	0.325	0.360	0.362	0.409	0.308
REGN. COEF. VAR	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.276
USED COEF. VAR	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.276
MEAN/A	0.0058	0.0086	0.0105	0.0141	0.0180	0.0250	0.0310	0.0429	0.0584	0.0761	1.0000
RP10/A	0.0087	0.0130	0.0159	0.0213	0.0273	0.0378	0.0469	0.0649	0.0883	0.1152	1.3667
RP25/A	0.0104	0.0155	0.0190	0.0255	0.0326	0.0452	0.0560	0.0775	0.1056	0.1376	1.5352
RP50/A	0.0117	0.0174	0.0213	0.0285	0.0364	0.0506	0.0627	0.0867	0.1180	0.1539	1.6512
RP100/A	0.0129	0.0191	0.0235	0.0314	0.0402	0.0558	0.0691	0.0956	0.1302	0.1697	1.7604
RP1000/A	0.0167	0.0249	0.0305	0.0409	0.0522	0.0725	0.0899	0.1243	0.1692	0.2206	2.0918
RP10000/A	0.0205	0.0304	0.0373	0.0500	0.0638	0.0886	0.1099	0.1520	0.2069	0.2697	2.3930
PMP/A	0.0390	0.0579	0.0710	0.0951	0.1215	0.1687	0.2092	0.2893	0.3939	0.5134	5.1400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
ASO 12P 2P	ALMANOR SM 4	5120	02	28N	08E		M	40.317	121.053	LASSEN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1962	*****	*****	*****	*****	0.21	0.41	0.60	0.94	1.25	1.75	43.79
1963	0.12	0.16	0.21	0.23	0.28	0.40	0.53	0.97	1.53	2.25	41.86
1964	0.03	0.06	0.11	0.21	0.40	0.72	0.99	1.62	2.23	2.68	25.33
1965	0.03	0.06	0.10	0.15	0.26	0.46	0.66	1.05	2.07	3.21	36.32
1966	0.03	0.05	0.07	0.14	0.24	0.41	0.56	0.91	1.62	1.89	25.19
1967	0.04	0.07	0.10	0.16	0.35	0.58	0.69	1.18	1.98	3.53	39.95
1973	0.03	0.05	0.07	0.14	0.28	0.46	0.64	1.03	1.65	2.57	34.99
1974	0.04	0.08	0.10	0.15	0.24	0.33	0.53	0.94	1.50	2.88	39.66
1975	0.04	0.07	0.11	0.16	0.30	0.54	0.76	1.30	2.13	3.54	34.35

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
ASO 12P 2P	ALMANOR SM 4	5120	02	28N	08E		M	40.317	121.053	LASSEN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.04	0.07	0.10	0.16	0.27	0.45	0.62	1.04	1.66	2.53	35.02
5	0.06	0.09	0.14	0.21	0.36	0.60	0.83	1.39	2.22	3.39	44.20
10	0.07	0.11	0.16	0.24	0.41	0.70	0.97	1.61	2.58	3.93	49.40
20	0.07	0.12	0.18	0.28	0.47	0.79	1.09	1.82	2.92	4.44	53.91
25	0.08	0.13	0.19	0.29	0.48	0.82	1.13	1.88	3.02	4.60	55.26
40	0.08	0.13	0.19	0.29	0.49	0.83	1.15	1.91	3.07	4.68	57.98
50	0.08	0.14	0.20	0.32	0.54	0.90	1.25	2.08	3.34	5.08	59.22
100	0.09	0.15	0.22	0.34	0.58	0.98	1.36	2.27	3.64	5.56	62.90
200	0.10	0.17	0.24	0.37	0.63	1.06	1.47	2.45	3.94	5.99	66.37
1000	0.12	0.19	0.28	0.43	0.74	1.24	1.72	2.86	4.60	7.00	73.82
10000	0.14	0.23	0.34	0.52	0.88	1.49	2.06	3.43	5.51	8.39	83.49
PMP	0.28	0.46	0.67	1.02	1.74	2.93	4.05	6.75	10.84	16.51	191.61
MEAN	0.045	0.075	0.109	0.167	0.284	0.479	0.662	1.104	1.773	2.700	35.716
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.684	2.380	2.071	1.332	0.950	1.068	1.603	1.631	-0.034	-0.101	-0.748
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.256 ; INTERCEPT (TIME=1 HOUR) =0.288 ; COEFFICIENT OF DETERMINATION = 0.993
1HR INTERCEPT / MEAN YR =0.00807 ; AVERAGE CALC CV / USED CV = 1.02

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	10.917	9.787	8.999	4.692	4.631	5.130	6.798	6.344	2.853	2.990	3.632
N	8	8	8	8	9	9	9	9	9	9	9
RECORD YEAR	1963	1963	1963	1963	1964	1964	1964	1964	1964	1975	1962
RECORD MAXIMUM	0.120	0.160	0.210	0.230	0.400	0.720	0.990	1.620	2.230	3.540	43.790
NORMILIZED MAX	2.443	2.371	2.307	1.855	1.952	2.050	2.265	2.228	1.352	1.276	1.207
CALC. COEF. VAR	0.682	0.478	0.404	0.201	0.208	0.246	0.219	0.209	0.191	0.244	0.187
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0013	0.0021	0.0030	0.0047	0.0080	0.0134	0.0185	0.0309	0.0497	0.0756	1.0000
RP10/A	0.0018	0.0031	0.0044	0.0068	0.0116	0.0195	0.0270	0.0451	0.0724	0.1102	1.3832
RP25/A	0.0021	0.0036	0.0052	0.0080	0.0136	0.0229	0.0316	0.0527	0.0846	0.1288	1.5472
RP50/A	0.0024	0.0040	0.0057	0.0088	0.0150	0.0252	0.0349	0.0582	0.0934	0.1422	1.6580
RP100/A	0.0026	0.0043	0.0062	0.0096	0.0163	0.0275	0.0381	0.0635	0.1019	0.1552	1.7611
RP1000/A	0.0033	0.0054	0.0079	0.0122	0.0207	0.0348	0.0481	0.0802	0.1288	0.1961	2.0668
RP10000/A	0.0039	0.0065	0.0095	0.0146	0.0248	0.0417	0.0576	0.0961	0.1544	0.2350	2.3377
PMP/A	0.0077	0.0128	0.0186	0.0287	0.0487	0.0820	0.1134	0.1891	0.3036	0.4623	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A50 128 42	ALMANOR WW 4	5240	36	29N	09E		M	40.328	120.925	LASSEN

M=MINUTES,H=HOURS,O=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1962	*****	*****	*****	*****	0.18	0.32	0.47	0.78	1.26	1.92	17.80
1963	0.04	0.07	0.10	0.17	0.25	0.30	0.45	0.84	1.80	1.91	35.25
1964	0.03	0.06	0.09	0.17	0.31	0.60	0.89	1.45	1.92	2.20	20.32
1965	0.05	0.07	0.11	0.17	0.29	0.40	0.59	1.10	1.80	2.61	28.45
1966	0.02	0.05	0.07	0.13	0.21	0.35	0.48	0.79	1.35	1.60	19.56
1967	0.05	0.06	0.07	0.12	0.22	0.32	0.50	0.90	1.41	1.70	33.82
1973	0.03	0.05	0.07	0.10	0.20	0.39	0.53	0.95	1.39	1.84	25.12
1974	0.05	0.10	0.13	0.21	0.34	0.44	0.55	0.90	1.66	2.29	33.60
1975	0.04	0.06	0.10	0.17	0.32	0.50	0.71	1.16	2.02	2.68	23.33

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A50 128 42	ALMANOR WW 4	5240	36	29N	09E		M	40.328	120.925	LASSEN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION O=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.04	0.06	0.09	0.15	0.24	0.38	0.54	0.93	1.52	1.96	25.85
5	0.05	0.08	0.12	0.19	0.32	0.50	0.72	1.24	2.04	2.61	32.62
10	0.06	0.09	0.13	0.23	0.37	0.59	0.84	1.44	2.37	3.04	36.46
20	0.06	0.11	0.15	0.26	0.42	0.66	0.95	1.62	2.67	3.43	39.79
25	0.07	0.11	0.16	0.26	0.44	0.69	0.98	1.68	2.77	3.55	40.79
40	0.07	0.11	0.16	0.27	0.44	0.70	1.00	1.71	2.81	3.61	42.79
50	0.07	0.12	0.17	0.29	0.48	0.76	1.08	1.85	3.05	3.92	43.71
100	0.08	0.13	0.19	0.32	0.53	0.83	1.18	2.02	3.33	4.28	46.42
200	0.09	0.14	0.21	0.34	0.57	0.89	1.27	2.19	3.60	4.62	48.98
1000	0.10	0.17	0.24	0.40	0.67	1.04	1.49	2.56	4.21	5.40	54.48
10000	0.12	0.20	0.29	0.48	0.80	1.25	1.79	3.06	5.05	6.48	61.62
PMP	0.24	0.40	0.57	0.95	1.57	2.46	3.51	6.03	9.93	12.74	141.43
MEAN	0.039	0.065	0.092	0.155	0.257	0.402	0.574	0.986	1.623	2.083	26.361
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	-0.488	1.663	0.450	-0.192	0.175	1.090	1.651	1.359	0.066	0.495	0.168
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.256 ; INTERCEPT (TIME=1 HOUR) =0.252 ; COEFFICIENT OF DETERMINATION = 0.992
1HR INTERCEPT / MEAN YR =0.00955 ; AVERAGE CALC CV / USED CV = 0.72

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	3.477	7.397	3.788	3.933	2.626	4.771	6.335	5.589	2.543	3.146	2.530
N	8	8	8	8	9	9	9	9	9	9	9
RECORD YEAR	1965	1974	1974	1974	1974	1964	1964	1964	1975	1975	1963
RECORD MAXIMUM	0.050	0.100	0.130	0.210	0.340	0.600	0.890	1.450	2.020	2.680	35.250
NORMILIZED MAX	0.999	2.183	1.714	1.551	1.436	2.016	2.220	2.140	1.430	1.549	1.328
CALC. COEF. VAR	0.291	0.247	0.237	0.229	0.226	0.244	0.247	0.220	0.171	0.185	0.254
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0015	0.0025	0.0035	0.0059	0.0097	0.0153	0.0218	0.0374	0.0616	0.0790	1.0000
RP10/A	0.0021	0.0036	0.0051	0.0086	0.0142	0.0222	0.0318	0.0545	0.0897	0.1152	1.3832
RP25/A	0.0025	0.0042	0.0060	0.0100	0.0166	0.0260	0.0371	0.0637	0.1050	0.1347	1.5472
RP50/A	0.0028	0.0046	0.0066	0.0111	0.0183	0.0287	0.0410	0.0703	0.1159	0.1487	1.6580
RP100/A	0.0030	0.0051	0.0072	0.0121	0.0200	0.0313	0.0447	0.0767	0.1264	0.1622	1.7611
RP1000/A	0.0038	0.0064	0.0091	0.0153	0.0253	0.0396	0.0565	0.0970	0.1597	0.2050	2.0668
RP10000/A	0.0046	0.0077	0.0109	0.0183	0.0303	0.0474	0.0677	0.1162	0.1915	0.2457	2.3377
PMP/A	0.0090	0.0151	0.0215	0.0360	0.0595	0.0933	0.1333	0.2286	0.3766	0.4833	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A50 128 44	ALMANOR WW 6	5200	32	29N	09E		M	40.333	120.994	LASSEN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1962	*****	*****	*****	*****	0.23	0.44	0.58	0.89	1.20	1.83	23.48
1963	0.03	0.06	0.09	0.17	0.25	0.38	0.55	0.95	1.55	2.30	40.93
1964	0.19	0.22	0.23	0.26	0.33	0.61	0.86	1.50	2.22	2.89	27.27
1965	0.05	0.08	0.10	0.19	0.30	0.57	0.81	1.41	2.40	3.68	38.87
1966	0.03	0.06	0.07	0.13	0.23	0.43	0.57	1.01	1.68	1.91	25.62
1967	0.03	0.06	0.08	0.15	0.29	0.51	0.68	1.07	1.81	3.27	37.77
1973	0.03	0.06	0.09	0.16	0.25	0.40	0.52	0.93	1.27	1.98	31.03
1974	0.03	0.06	0.08	0.15	0.22	0.39	0.54	0.88	1.44	2.40	37.79
1975	0.04	0.08	0.10	0.17	0.25	0.40	0.58	1.06	1.86	2.85	27.44

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A50 128 44	ALMANOR WW 6	5200	32	29N	09E		M	40.333	120.994	LASSEN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.05	0.08	0.10	0.16	0.25	0.43	0.59	1.01	1.61	2.41	31.62
5	0.07	0.11	0.13	0.22	0.33	0.58	0.79	1.35	2.15	3.22	39.90
10	0.08	0.12	0.15	0.25	0.38	0.67	0.92	1.57	2.50	3.74	44.60
20	0.09	0.14	0.17	0.28	0.43	0.76	1.04	1.77	2.82	4.22	48.67
25	0.09	0.14	0.18	0.29	0.45	0.78	1.08	1.84	2.92	4.37	49.89
40	0.09	0.15	0.18	0.30	0.45	0.80	1.10	1.87	2.97	4.45	52.34
50	0.10	0.16	0.20	0.32	0.49	0.86	1.19	2.03	3.23	4.83	53.46
100	0.11	0.17	0.22	0.35	0.54	0.94	1.30	2.21	3.52	5.27	56.78
200	0.12	0.19	0.23	0.38	0.58	1.02	1.40	2.39	3.80	5.69	59.92
1000	0.14	0.22	0.27	0.45	0.68	1.19	1.64	2.80	4.45	6.65	66.64
10000	0.17	0.26	0.33	0.54	0.81	1.43	1.97	3.36	5.33	7.98	75.38
PMP	0.33	0.52	0.64	1.05	1.60	2.81	3.87	6.59	10.48	15.69	172.99
MEAN	0.054	0.085	0.105	0.172	0.261	0.459	0.632	1.078	1.714	2.566	32.244
CLOCK HR. CORR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.736	2.684	2.603	1.766	0.860	0.991	1.203	1.292	0.494	0.511	0.047
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.317 I INTERCEPT (TIME=1 HOUR) =0.282 ; COEFFICIENT OF DETERMINATION = 0.987
IMP INTERCEPT / MEAN YR =0.00874 ; AVERAGE CALC CV / USED CV = 1.23

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	11.095	10.895	10.641	7.785	3.799	3.655	4.085	4.442	3.553	3.313	2.318
N	8	8	8	8	9	9	9	9	9	9	9
RECORD YEAR	1964	1964	1964	1964	1964	1964	1964	1964	1965	1965	1963
RECORD MAXIMUM	0.190	0.220	0.230	0.260	0.330	0.610	0.860	1.500	2.400	3.680	40.930
NORMILIZED MAX	2.453	2.442	2.425	2.212	1.850	1.792	1.837	1.874	1.687	1.720	1.312
CALC. COEF. VAR	1.033	0.650	0.491	0.229	0.143	0.184	0.196	0.209	0.237	0.253	0.205
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0017	0.0026	0.0033	0.0053	0.0081	0.0142	0.0196	0.0334	0.0532	0.0796	1.0000
RP10/A	0.0024	0.0038	0.0047	0.0078	0.0118	0.0207	0.0286	0.0487	0.0775	0.1159	1.3832
RP25/A	0.0028	0.0045	0.0056	0.0091	0.0138	0.0243	0.0334	0.0570	0.0906	0.1356	1.5472
RP50/A	0.0031	0.0050	0.0061	0.0101	0.0152	0.0268	0.0369	0.0629	0.1000	0.1497	1.6580
RP100/A	0.0034	0.0054	0.0067	0.0110	0.0166	0.0292	0.0402	0.0686	0.1091	0.1633	1.7611
RP1000/A	0.0043	0.0068	0.0084	0.0139	0.0210	0.0369	0.0509	0.0867	0.1379	0.2064	2.0668
RP10000/A	0.0052	0.0082	0.0101	0.0166	0.0252	0.0442	0.0610	0.1039	0.1653	0.2474	2.3377
PMP/A	0.0102	0.0161	0.0199	0.0327	0.0495	0.0870	0.1199	0.2044	0.3251	0.4865	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LDT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 9599 0	WESTWOOD	5080	07	28N	09E	H	M	40.301	121.005	LASSEN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	0.07	0.09	0.14	0.20	0.31	0.51	0.75	1.34	2.08	3.16	30.40
1942	0.04	0.08	0.10	0.18	0.22	0.37	0.56	1.03	1.49	2.45	27.52
1943	0.06	0.12	0.16	0.25	0.38	0.62	0.81	1.37	2.40	2.91	24.78
1944	0.14	0.23	0.27	0.32	0.37	0.40	0.43	0.80	1.38	1.70	28.56
1945	0.17	0.22	0.24	0.26	0.33	0.55	0.73	1.28	1.89	2.73	31.18
1946	0.14	0.27	0.28	0.41	0.52	0.62	0.79	1.29	1.63	2.69	19.41
1947	0.04	0.08	0.12	0.23	0.36	0.59	0.75	1.24	1.88	2.96	******
1948	0.03	0.05	0.06	0.12	0.23	0.31	0.47	0.81	0.90	1.20	******
1949	0.05	0.06	0.10	0.13	0.22	0.31	0.35	0.66	0.66	1.18	12.00
1950	0.10	0.14	0.20	0.22	0.37	0.65	0.90	1.20	1.69	2.67	32.93
1951	0.06	0.11	0.13	0.23	0.27	0.42	0.54	0.92	1.61	2.26	32.50
1952	*****	*****	*****	*****	0.48	*****	*****	0.94	*****	2.09	35.44

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LDT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 9599 0	WESTWOOD	5080	07	28N	09E	H	M	40.301	121.005	LASSEN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.08	0.12	0.15	0.22	0.32	0.46	0.60	1.01	1.50	2.19	26.94
5	0.10	0.17	0.21	0.29	0.42	0.61	0.81	1.35	2.01	2.93	34.00
10	0.12	0.19	0.24	0.34	0.49	0.71	0.94	1.56	2.33	3.40	38.00
20	0.13	0.22	0.27	0.38	0.56	0.80	1.06	1.77	2.63	3.86	41.47
25	0.14	0.22	0.28	0.40	0.58	0.83	1.10	1.83	2.73	3.98	42.50
40	0.14	0.23	0.28	0.40	0.59	0.84	1.12	1.86	2.77	4.04	44.60
50	0.15	0.25	0.31	0.44	0.64	0.92	1.21	2.02	3.01	4.39	45.55
100	0.17	0.27	0.34	0.48	0.69	1.00	1.32	2.20	3.29	4.79	48.38
200	0.18	0.29	0.36	0.51	0.75	1.08	1.43	2.38	3.55	5.18	51.05
1000	0.21	0.34	0.42	0.60	0.88	1.26	1.67	2.78	4.15	6.05	56.78
10000	0.25	0.41	0.51	0.72	1.05	1.51	2.00	3.34	4.98	7.25	64.22
PMP	0.50	0.81	1.00	1.42	2.07	2.97	3.94	6.56	9.79	14.27	147.39
MEAN	0.082	0.132	0.164	0.232	0.338	0.486	0.644	1.073	1.601	2.333	27.472
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.817	0.868	0.459	0.828	0.492	-0.169	-0.300	-0.338	-0.518	-0.773	-1.309
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.444 ; INTERCEPT (TIME=1 HOUR) =0.342 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.01245 ; AVERAGE CALC CV / USED CV = 1.17

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.079	3.235	2.836	4.967	3.429	2.259	2.622	2.424	4.115	3.202	5.262
N	11	11	11	11	12	11	11	12	11	12	10
RECORD YEAR	1945	1946	1946	1946	1946	1950	1950	1943	1943	1941	1952
RECORD MAXIMUM	0.170	0.270	0.280	0.410	0.520	0.650	0.900	1.370	2.400	3.160	35.440
NORMILIZED MAX	1.832	1.844	1.577	2.171	1.881	1.272	1.423	1.220	1.606	1.239	1.122
CALC. COEF. VAR	0.588	0.569	0.451	0.354	0.285	0.264	0.280	0.227	0.311	0.286	0.258
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0030	0.0048	0.0060	0.0084	0.0123	0.0177	0.0234	0.0391	0.0583	0.0849	1.0000
RP10/A	0.0043	0.0070	0.0087	0.0123	0.0179	0.0258	0.0341	0.0569	0.0849	0.1238	1.3832
RP25/A	0.0051	0.0082	0.0102	0.0144	0.0210	0.0302	0.0399	0.0666	0.0993	0.1448	1.5472
RP50/A	0.0056	0.0090	0.0112	0.0159	0.0232	0.0333	0.0441	0.0735	0.1096	0.1598	1.6580
RP100/A	0.0061	0.0098	0.0122	0.0173	0.0253	0.0363	0.0481	0.0802	0.1196	0.1743	1.7611
RP1000/A	0.0077	0.0124	0.0154	0.0219	0.0319	0.0459	0.0608	0.1013	0.1511	0.2203	2.0668
RP10000/A	0.0093	0.0149	0.0185	0.0262	0.0383	0.0550	0.0728	0.1215	0.1812	0.2641	2.3377
PMP/A	0.0182	0.0293	0.0364	0.0516	0.0753	0.1083	0.1433	0.2389	0.3563	0.5194	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
G20 P873 0	TERMO	5300	25	35N	13E	M	M	40.867	120.450	LASSEN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1945	0.10	0.12	0.14	0.17	0.21	0.33	0.42	0.59	0.86	1.07	******
1946	0.15	0.21	0.23	0.31	0.37	0.38	0.41	0.49	0.91	1.02	6.83
1947	0.03	0.06	0.09	0.17	0.29	0.55	0.67	0.93	1.53	1.56	7.51
1948	0.11	0.15	0.17	0.25	0.35	0.62	0.79	1.02	1.02	1.22	10.10
1949	0.20	0.38	0.41	0.58	0.70	0.82	0.89	0.94	1.18	1.18	6.51
1950	0.04	0.07	0.11	0.22	0.40	0.64	0.73	0.83	0.86	1.05	11.54
1951	0.44	0.72	0.92	1.03	1.03	1.03	1.03	1.03	1.03	1.03	9.57
1952	0.17	0.16	0.15	0.20	0.25	0.46	0.48	0.47	0.72	0.72	11.15
1953	0.06	0.09	0.11	0.20	0.35	0.47	0.57	0.91	1.61	1.75	9.92
1954	0.22	0.27	0.28	0.34	0.50	0.58	0.64	0.66	0.66	0.66	6.94
1955	0.07	0.09	0.10	0.10	0.13	0.19	0.21	0.38	0.51	0.72	9.24
1956	0.61	0.72	0.75	0.81	0.82	0.82	0.82	0.97	0.97	1.39	10.74
1957	0.08	0.11	0.13	0.20	0.31	0.52	0.53	0.62	0.99	1.12	13.77
1958	0.03	0.05	0.06	0.10	0.16	0.25	0.35	0.63	0.80	0.99	11.47
1959	0.10	0.15	0.22	0.23	0.24	0.30	0.34	0.36	0.41	0.43	5.90
1960	0.03	0.06	0.09	0.12	0.17	0.26	0.30	0.48	0.60	0.97	7.07
1961	0.38	0.38	0.38	0.38	0.38	0.38	0.39	0.40	0.43	0.52	6.62
1962	0.05	0.09	0.10	0.15	0.20	0.29	0.40	0.64	0.84	1.00	14.09
1963	0.03	0.05	0.06	0.09	0.18	0.26	0.34	0.51	0.58	0.84	11.39
1964	0.06	0.07	0.08	0.13	0.25	0.30	0.39	0.65	0.76	1.12	12.65
1965	0.09	0.13	0.17	0.21	0.35	0.40	0.56	0.77	1.10	1.20	14.42
1966	0.04	0.07	0.10	0.19	0.29	0.37	0.46	0.66	0.72	0.72	6.37
1967	0.07	0.08	0.08	0.13	0.18	0.34	0.44	0.58	0.61	0.61	13.55
1968	0.11	0.13	0.16	0.25	0.25	0.29	0.41	0.48	0.48	0.48	8.93
1969	0.05	0.06	0.08	0.10	0.18	0.30	0.38	0.60	0.75	0.80	10.50
1970	0.15	0.22	0.28	0.32	0.38	0.39	0.39	0.41	0.60	0.72	12.67
1971	0.07	0.12	0.14	0.24	0.39	0.60	0.65	0.83	1.18	1.41	15.31
1972	0.10	0.11	0.11	0.13	0.19	0.33	0.40	0.62	0.85	0.87	7.64
1973	*****	*****	*****	*****	0.26	0.29	0.39	0.48	0.56	0.71	10.05
1974	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.81	7.56

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
G20 P873 0	TERMO	5300	25	35N	13E	M	M	40.867	120.450	LASSEN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.16	0.18	0.24	0.31	0.40	0.46	0.59	0.75	0.90	9.67
5	0.17	0.23	0.27	0.35	0.44	0.58	0.67	0.86	1.10	1.30	12.63
10	0.20	0.28	0.32	0.42	0.54	0.70	0.81	1.04	1.33	1.58	14.37
20	0.24	0.32	0.38	0.49	0.62	0.82	0.94	1.21	1.54	1.83	15.91
25	0.25	0.34	0.39	0.51	0.65	0.85	0.99	1.26	1.61	1.91	16.38
40	0.27	0.37	0.43	0.55	0.71	0.93	1.07	1.37	1.75	2.08	17.33
50	0.28	0.38	0.44	0.57	0.73	0.96	1.11	1.42	1.81	2.16	17.76
100	0.31	0.42	0.49	0.64	0.82	1.07	1.23	1.58	2.01	2.40	19.07
200	0.34	0.47	0.54	0.70	0.89	1.17	1.36	1.74	2.21	2.63	20.31
1000	0.41	0.56	0.65	0.84	1.08	1.41	1.63	2.09	2.66	3.16	23.01
10000	0.51	0.69	0.80	1.03	1.33	1.73	2.01	2.57	3.28	3.90	26.61
PMP	0.98	1.34	1.56	2.01	2.57	3.36	3.90	4.99	6.36	7.57	59.35
MEAN	0.128	0.175	0.204	0.262	0.337	0.440	0.510	0.653	0.832	0.990	10.000
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.400	2.345	2.579	2.476	2.083	1.355	1.060	0.477	0.941	0.626	0.222
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.621 ; INTERCEPT (TIME=1 HOUR) =0.339 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.03386 ; AVERAGE CALC CV / USED CV = 1.72

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	8.871	8.268	9.812	9.418	7.752	4.786	3.811	2.370	4.125	3.316	2.199
N	28	28	28	28	29	29	29	29	29	30	29
RECORD YEAR	1956	1951	1951	1951	1951	1951	1951	1951	1953	1974	1971
RECORD MAXIMUM	0.610	0.720	0.920	1.030	1.030	1.030	1.030	1.030	1.610	1.810	15.310
NORMILIZED MAX	3.540	3.079	3.566	3.567	3.407	2.957	2.676	1.862	2.624	2.334	1.915
CALC. COEF. VAR	1.061	1.012	0.987	0.820	0.605	0.453	0.382	0.310	0.357	0.355	0.277
BEGN. COEF. VAR	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.329
USED COEF. VAR	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.329
MEAN/A	0.0128	0.0175	0.0204	0.0262	0.0337	0.0440	0.0510	0.0653	0.0832	0.0990	1.0000
RP10/A	0.0204	0.0279	0.0324	0.0418	0.0536	0.0701	0.0812	0.1040	0.1325	0.1577	1.4371
RP25/A	0.0248	0.0338	0.0394	0.0508	0.0651	0.0851	0.0986	0.1263	0.1608	0.1914	1.6379
RP50/A	0.0280	0.0382	0.0444	0.0573	0.0734	0.0960	0.1112	0.1425	0.1814	0.2159	1.7762
RP100/A	0.0311	0.0424	0.0493	0.0636	0.0815	0.1066	0.1235	0.1582	0.2015	0.2397	1.9064
RP1000/A	0.0410	0.0559	0.0650	0.0839	0.1075	0.1406	0.1628	0.2087	0.2657	0.3162	2.3014
RP10000/A	0.0505	0.0690	0.0802	0.1035	0.1326	0.1734	0.2009	0.2574	0.3278	0.3901	2.6605
PMP/A	0.0980	0.1338	0.1556	0.2007	0.2573	0.3364	0.3896	0.4993	0.6358	0.7566	5.9350

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
640 8703 0	SUSANVILLE 1WNW	4555	31	30N	12E		M	40.433	120.667	LASSEN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.05	0.09	0.11	0.20	0.38	0.72	0.96	1.20	1.52	2.18	28.71
1941	0.12	0.17	0.22	0.27	0.29	0.43	0.59	1.03	1.67	2.50	22.51
1942	0.05	0.10	0.14	0.21	0.34	0.38	0.50	0.67	0.76	1.83	16.59
1943	0.07	0.10	0.15	0.27	0.46	0.54	0.76	1.11	2.00	2.33	16.55
1944	0.12	0.21	0.23	0.28	0.35	0.51	0.61	0.83	1.44	1.80	16.15
1945	0.06	0.08	0.10	0.18	0.35	0.35	0.47	0.91	1.32	1.84	14.57
1946	0.10	0.18	0.23	0.34	0.39	0.39	0.40	0.67	1.10	1.48	8.65
1947	0.04	0.08	0.12	0.23	0.37	0.44	0.55	0.79	0.84	1.25	7.16
1948	0.05	0.06	0.10	0.12	0.21	0.38	0.49	0.59	0.62	0.81	9.77
1949	0.03	0.04	0.08	0.15	0.26	0.44	0.55	0.76	1.67	1.74	22.41
1950	0.18	0.32	0.37	0.51	0.67	0.72	0.88	0.99	1.13	1.99	15.76
1951	0.10	0.19	0.28	0.49	0.72	0.78	0.78	1.05	1.42	1.83	12.41
1952	0.04	0.07	0.10	0.14	0.23	0.36	0.48	0.75	1.26	1.39	16.56
1953	0.08	0.12	0.13	0.14	0.19	0.36	0.48	0.55	1.08	1.26	10.05
1954	0.10	0.11	0.12	0.18	0.25	0.38	0.47	0.60	0.90	1.50	14.53
1955	0.13	0.14	0.15	0.16	0.24	0.46	0.67	1.16	2.16	3.75	******
1956	0.07	0.11	0.13	0.15	0.18	0.30	0.42	0.71	1.05	1.22	16.49
1957	0.03	0.05	0.08	0.15	0.26	0.50	0.54	1.09	1.14	2.52	18.52
1958	0.45	0.57	0.61	0.63	0.63	0.64	0.81	1.24	1.67	2.01	21.33
1959	0.88	0.90	1.15	1.35	1.38	1.43	1.48	1.53	1.53	1.59	12.96
1960	0.07	0.10	0.15	0.16	0.20	0.36	0.51	0.98	1.62	2.35	15.42
1961	0.33	0.41	0.42	0.43	0.45	0.45	0.45	0.58	0.64	0.64	9.88
1962	0.09	0.14	0.15	0.20	0.37	0.72	1.06	1.92	3.14	4.19	25.94
1963	0.16	0.20	0.20	0.21	0.25	0.35	0.49	0.67	1.07	1.69	15.14
1964	0.13	0.15	0.20	0.28	0.28	0.45	0.57	1.07	1.57	2.25	18.61
1965	0.21	0.37	0.44	0.45	0.45	0.45	0.45	0.57	0.73	0.99	17.82
1966	0.12	0.13	0.14	0.21	0.32	0.38	0.54	0.79	0.89	1.12	9.86
1967	0.22	0.35	0.42	0.48	0.52	0.54	0.64	1.02	1.11	1.19	20.67
1968	0.10	0.12	0.14	0.30	0.37	0.42	0.50	0.85	0.91	1.10	14.74
1969	0.09	0.11	0.11	0.15	0.24	0.38	0.50	0.89	1.24	2.36	20.77
1970	0.17	0.21	0.22	0.22	0.28	0.54	0.73	1.20	1.91	2.10	23.94
1971	0.40	0.52	0.59	0.77	0.86	0.98	0.98	1.10	1.39	1.74	20.96
1972	0.12	0.15	0.15	0.22	0.40	0.66	0.77	0.80	0.92	0.93	11.36
1973	*****	*****	*****	*****	0.27	0.38	0.44	0.80	1.39	1.52	17.82
1974	*****	*****	*****	*****	0.87	1.20	1.25	1.25	1.25	1.30	15.22

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
640 8703 0	SUSANVILLE 1WNW	4555	31	30N	12E		M	40.433	120.667	LASSEN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.18	0.22	0.28	0.37	0.49	0.59	0.85	1.19	1.61	15.93
5	0.19	0.27	0.32	0.41	0.54	0.71	0.86	1.23	1.74	2.35	20.80
10	0.22	0.32	0.38	0.49	0.65	0.85	1.04	1.49	2.10	2.84	23.66
20	0.26	0.37	0.45	0.57	0.76	0.99	1.21	1.73	2.44	3.30	26.20
25	0.27	0.39	0.46	0.60	0.79	1.04	1.26	1.81	2.55	3.44	26.97
40	0.30	0.42	0.51	0.65	0.86	1.13	1.37	1.97	2.77	3.74	28.53
50	0.31	0.44	0.52	0.68	0.89	1.17	1.42	2.04	2.87	3.88	29.25
100	0.34	0.49	0.58	0.75	0.99	1.30	1.58	2.26	3.19	4.31	31.39
200	0.38	0.54	0.64	0.82	1.08	1.43	1.73	2.49	3.50	4.73	33.43
1000	0.45	0.64	0.77	0.99	1.30	1.71	2.08	2.99	4.20	5.69	37.89
10000	0.56	0.79	0.95	1.22	1.61	2.11	2.56	3.68	5.19	7.01	43.81
PMP	1.08	1.54	1.84	2.37	3.12	4.10	4.97	7.15	10.06	13.61	97.72
MEAN	0.141	0.202	0.240	0.310	0.408	0.536	0.651	0.935	1.316	1.780	16.466
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.114	2.329	2.783	2.844	2.299	2.169	1.698	1.216	1.511	1.394	0.302
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.587 ; INTERCEPT (TIME=1 HOUR) =0.411 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.02497 ; AVERAGE CALC CV / USED CV = 1.59

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	7.499	9.282	12.396	12.994	9.482	8.103	5.998	5.624	7.221	6.125	3.069
N	33	33	33	33	35	35	35	35	35	35	34
RECORD YEAR	1959	1959	1959	1959	1959	1959	1959	1962	1962	1962	1940
RECORD MAXIMUM	0.580	0.900	1.150	1.350	1.380	1.430	1.480	1.920	3.140	4.190	28.710
NORMILIZED MAX	3.462	3.855	4.227	4.281	3.958	3.611	3.332	3.369	3.676	3.252	2.411
CALC. COEF. VAR	0.897	0.899	0.896	0.784	0.602	0.462	0.383	0.313	0.377	0.416	0.308
REGN. COEF. VAR	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.329
USED COEF. VAR	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.329
MEAN/A	0.0086	0.0122	0.0146	0.0188	0.0248	0.0326	0.0395	0.0568	0.0799	0.1081	1.0000
RP10/A	0.0137	0.0195	0.0233	0.0300	0.0395	0.0519	0.0629	0.0905	0.1273	0.1722	1.4371
RP25/A	0.0166	0.0237	0.0282	0.0364	0.0479	0.0630	0.0764	0.1098	0.1546	0.2090	1.6379
RP50/A	0.0187	0.0267	0.0318	0.0411	0.0541	0.0710	0.0862	0.1238	0.1743	0.2358	1.7762
RP100/A	0.0208	0.0296	0.0354	0.0456	0.0600	0.0789	0.0957	0.1375	0.1936	0.2618	1.9064
RP1000/A	0.0274	0.0391	0.0466	0.0602	0.0792	0.1041	0.1262	0.1814	0.2554	0.3454	2.3014
RP10000/A	0.0338	0.0482	0.0575	0.0742	0.0977	0.1284	0.1557	0.2238	0.3150	0.4260	2.6605
PMP/A	0.0656	0.0936	0.1116	0.1439	0.1894	0.2490	0.3021	0.4341	0.6110	0.8263	5.9350

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV.	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
G60 5623 0	MILFORD LAUFMAN RS	4860	01	26N	14E	F	M	40.133	120.350	LASSEN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	0.14	0.22	0.42	0.67	0.84	1.17	1.62	1.72	******
1941	*****	*****	0.75	1.29	1.49	1.51	1.53	1.54	1.67	2.30	21.36
1942	*****	*****	0.10	0.19	0.32	0.59	0.83	1.28	1.60	1.79	21.27
1943	*****	*****	0.15	0.22	0.37	0.54	0.75	1.29	2.31	3.62	21.38
1944	*****	*****	0.41	0.45	0.62	0.63	0.65	1.10	1.27	2.05	20.13
1945	*****	*****	0.13	0.20	0.30	0.45	0.56	0.95	1.47	2.26	19.89
1946	*****	*****	0.21	0.36	0.62	0.67	0.75	1.39	2.28	2.98	15.30
1947	*****	*****	0.09	0.17	0.32	0.61	0.65	0.83	1.03	1.60	9.37
1948	*****	*****	0.20	0.24	0.25	0.35	0.43	0.54	0.92	1.79	16.94
1949	*****	*****	0.59	1.07	1.36	1.63	1.97	2.19	2.20	2.61	12.03
1950	*****	*****	0.16	0.19	0.36	0.72	1.08	1.08	1.31	2.03	26.82
1951	*****	*****	0.46	0.67	0.71	0.75	0.81	1.15	1.40	1.72	22.70
1952	*****	*****	0.57	0.70	0.70	0.71	0.80	1.09	1.60	2.51	25.82
1953	*****	*****	0.13	0.23	0.37	0.54	0.67	0.96	1.60	1.85	13.92
1954	*****	*****	0.10	0.19	0.29	0.56	0.77	1.08	1.24	1.25	15.77
1955	*****	*****	0.95	1.04	1.05	1.05	1.25	2.15	3.06	4.83	23.06
1956	*****	*****	0.14	0.24	0.38	0.55	0.65	0.85	1.61	2.52	17.41
1957	*****	*****	0.15	0.25	0.39	0.65	0.94	1.62	2.54	3.60	21.93
1958	*****	*****	0.38	0.41	0.43	0.46	0.62	1.11	1.66	1.87	19.13
1959	*****	*****	0.24	0.26	0.34	0.40	0.45	0.47	0.77	0.98	12.21
1960	*****	*****	0.33	0.34	0.46	0.69	0.79	1.03	1.20	1.65	15.92
1961	*****	*****	0.65	0.71	0.73	0.94	0.97	1.22	1.25	1.25	13.62
1962	*****	*****	0.22	0.31	0.50	0.95	1.40	2.21	3.51	5.95	28.18
1963	*****	*****	0.58	0.67	0.78	0.92	0.96	1.28	1.80	2.85	24.91
1964	*****	*****	0.13	0.20	0.33	0.50	0.59	1.10	1.73	2.02	21.92
1965	*****	*****	0.12	0.18	0.34	0.74	1.07	1.55	1.78	1.97	19.79
1966	*****	*****	0.08	0.15	0.29	0.46	0.60	1.07	1.15	1.53	12.98
1967	*****	*****	0.31	0.31	0.35	0.69	0.94	1.68	2.80	4.38	24.07
1968	*****	*****	0.10	0.20	0.30	0.50	0.66	1.20	1.25	1.25	15.38
1969	*****	*****	0.49	0.51	0.55	0.55	0.60	0.90	1.43	1.94	24.72
1970	*****	*****	0.14	0.27	0.40	0.80	1.15	1.67	2.17	2.50	24.75
1971	*****	*****	0.12	0.18	0.36	0.72	1.06	1.32	1.38	1.92	22.60
1972	*****	*****	0.24	0.26	0.28	0.42	0.54	0.54	0.71	0.86	12.00
1973	*****	*****	*****	*****	0.19	0.34	0.47	1.00	1.55	1.55	20.11
1974	*****	*****	*****	*****	0.32	0.49	0.52	0.95	1.61	2.55	17.61

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
G60 5623 0	MILFORD LAUFMAN RS	4860	01	26N	14E	F	M	40.133	120.350	LASSEN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.26	0.35	0.45	0.62	0.76	1.10	1.51	2.07	18.63
5	0.0	0.0	0.38	0.51	0.65	0.89	1.10	1.60	2.20	3.02	24.33
10	0.0	0.0	0.46	0.62	0.79	1.08	1.33	1.94	2.66	3.64	27.68
20	0.0	0.0	0.54	0.72	0.91	1.28	1.55	2.25	3.09	4.24	30.65
25	0.0	0.0	0.56	0.75	0.95	1.31	1.61	2.35	3.23	4.42	31.55
40	0.0	0.0	0.61	0.82	1.04	1.43	1.75	2.58	3.51	4.81	33.38
50	0.0	0.0	0.63	0.85	1.08	1.48	1.82	2.65	3.64	4.99	34.22
100	0.0	0.0	0.70	0.95	1.20	1.64	2.02	2.94	4.04	5.54	36.73
200	0.0	0.0	0.77	1.04	1.31	1.80	2.22	3.23	4.44	6.08	39.12
1000	0.0	0.0	0.93	1.25	1.58	2.17	2.67	3.88	5.33	7.31	44.34
10000	0.0	0.0	1.14	1.54	1.94	2.67	3.29	4.79	6.58	9.01	51.25
PMP	0.0	0.0	2.21	2.98	3.77	5.19	6.38	9.29	12.76	17.49	114.34
MEAN	0.0	0.0	0.290	0.390	0.493	0.679	0.834	1.215	1.669	2.287	19.265
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.318	1.769	2.116	1.926	1.387	0.775	1.157	1.696	-0.182
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.582 ; INTERCEPT (TIME=1 HOUR) =0.513 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.02664 ; AVERAGE CALC CV / USED CV = 1.31

KURTOSIS	0.0	0.0	4.252	5.649	7.571	7.572	5.395	4.035	4.663	6.427	2.353
N	0	0	33	33	35	35	35	35	35	35	34
RECORD YEAR	0	0	1955	1941	1941	1949	1949	1962	1962	1962	1962
RECORD MAXIMUM	0.0	0.0	0.950	1.290	1.490	1.630	1.870	2.210	3.510	5.950	28.180
NORMALIZED MAX	0.0	0.0	2.955	3.095	3.375	3.390	3.244	2.386	2.970	3.381	1.834
CALC. COEF. VAR	0.0	0.0	0.771	0.745	0.598	0.414	0.383	0.343	0.371	0.474	0.252
REGN. COEF. VAR	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.329
USED COEF. VAR	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.329
MEAN/A	0.0	0.0	0.0150	0.0203	0.0256	0.0352	0.0433	0.0631	0.0867	0.1187	1.0000
RP10/A	0.0	0.0	0.0240	0.0323	0.0408	0.0561	0.0690	0.1005	0.1381	0.1891	1.4371
RP25/A	0.0	0.0	0.0291	0.0392	0.0495	0.0681	0.0838	0.1220	0.1676	0.2296	1.6379
RP50/A	0.0	0.0	0.0328	0.0442	0.0559	0.0768	0.0945	0.1376	0.1890	0.2590	1.7762
RP100/A	0.0	0.0	0.0364	0.0491	0.0620	0.0853	0.1049	0.1528	0.2099	0.2876	1.9064
RP1000/A	0.0	0.0	0.0480	0.0647	0.0818	0.1125	0.1384	0.2016	0.2769	0.3794	2.3014
RP10000/A	0.0	0.0	0.0593	0.0799	0.1010	0.1388	0.1707	0.2487	0.3416	0.4679	2.6605
PMP/A	0.0	0.0	0.1150	0.1549	0.1958	0.2693	0.3311	0.4823	0.6625	0.9076	5.9350

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 14 0	ACTON ESCONDIDO	261	2920	30	05N	13W	A S	34.429	118.275	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1931	0.12	0.19	0.26	0.41	0.54	0.65	0.66	0.85	1.13	1.73	12.39
1932	0.22	0.29	0.42	0.63	0.66	0.68	0.68	0.59	1.79	2.24	13.59
1933	0.08	0.11	0.15	0.16	0.19	0.33	0.40	0.54	0.87	1.33	8.65
1934	0.16	0.20	0.21	0.26	0.34	0.52	0.60	0.69	0.96	1.22	5.22
1935	0.29	0.41	0.44	0.47	0.93	1.43	1.48	1.48	1.53	1.53	14.70
1936	0.13	0.15	0.17	0.25	0.27	0.37	0.52	0.71	1.01	1.41	6.94
1937	0.07	0.09	0.10	0.17	0.29	0.49	0.60	0.70	1.16	1.35	14.24
1938	0.15	0.19	0.22	0.29	0.42	0.68	1.00	1.56	2.48	3.00	14.56
1939	0.13	0.17	0.19	0.22	0.31	0.57	0.78	1.12	1.51	2.01	14.24
1940	0.07	0.12	0.16	0.27	0.35	0.54	0.69	1.08	1.47	1.76	9.50
1941	0.18	0.26	0.28	0.34	0.45	0.58	0.70	0.98	1.28	1.52	23.10
1942	0.06	0.09	0.10	0.17	0.23	0.36	0.36	0.41	0.56	0.62	10.14
1943	0.15	0.22	0.36	0.36	0.48	0.86	1.22	1.82	3.14	4.44	17.39
1944	0.05	0.09	0.13	0.22	0.39	0.61	0.86	1.12	1.70	3.25	17.18
1945	0.05	0.09	0.11	0.19	0.37	0.58	0.75	0.95	1.32	1.68	9.97
1946	0.18	0.30	0.34	0.66	0.73	0.86	0.90	0.92	1.35	2.09	10.70
1947	0.03	0.06	0.09	0.16	0.23	0.36	0.47	0.60	0.75	1.47	9.47
1948	0.05	0.08	0.11	0.17	0.27	0.35	0.43	0.51	0.74	0.79	5.72
1949	0.06	0.07	0.08	0.11	0.18	0.26	0.30	0.37	0.66	0.66	6.14
1950	0.04	0.08	0.11	0.19	0.21	0.35	0.41	0.57	0.66	0.67	6.34
1951	0.12	0.20	0.25	0.31	0.34	0.50	0.64	0.88	1.59	2.22	3.71
1952	0.08	0.12	0.14	0.22	0.42	0.60	0.73	1.06	2.07	2.42	20.59
1953	0.08	0.11	0.14	0.20	0.27	0.36	0.44	0.56	0.56	0.56	6.14
1954	0.07	0.10	0.14	0.18	0.28	0.38	0.56	0.87	1.07	1.58	8.18
1955	0.26	0.33	0.38	0.47	0.58	0.60	0.63	0.78	1.16	1.51	8.00
1956	0.20	0.30	0.31	0.32	0.33	0.52	0.72	1.01	1.73	3.26	9.07
1957	0.04	0.09	0.11	0.14	0.27	0.53	0.75	1.02	1.46	1.57	8.18
1958	0.17	0.20	0.30	0.48	0.53	0.53	0.64	0.88	1.31	1.58	15.18
1959	0.17	0.27	0.34	0.44	0.44	0.63	0.78	0.98	1.14	1.14	5.42
1960	0.04	0.07	0.11	0.16	0.21	0.30	0.34	0.42	0.48	0.60	4.10
1961	0.15	0.29	0.33	0.34	0.38	0.48	0.58	0.67	0.94	1.19	5.05
1962	0.07	0.12	0.15	0.23	0.31	0.56	0.75	0.93	1.30	2.21	11.66
1963	0.06	0.11	0.18	0.26	0.34	0.41	0.54	0.78	1.15	1.41	6.77
1964	0.07	0.12	0.15	0.19	0.23	0.33	0.46	0.58	0.64	0.97	5.57
1965	0.04	0.06	0.09	0.14	0.25	0.42	0.57	0.69	0.73	0.83	7.83
1966	0.10	0.16	0.22	0.39	0.60	0.90	1.17	1.32	2.14	2.58	13.10
1967	0.10	0.13	0.14	0.22	0.93	0.50	1.48	0.93	1.62	1.83	13.16
1968	0.20	0.24	0.25	0.27	0.37	0.68	0.70	0.74	1.16	2.16	8.86
1969	*****	*****	*****	*****	0.25	0.46	0.60	0.93	1.38	1.44	3.00
1970	0.08	0.15	0.19	0.38	0.40	0.50	0.64	0.88	1.40	1.46	6.81

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 14 0	ACTON ESCONDIDO	261	2920	30	05N	13W	A S	34.429	118.275	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.10	0.15	0.18	0.26	0.35	0.49	0.62	0.79	1.16	1.53	9.28
5	0.15	0.22	0.27	0.38	0.52	0.73	0.93	1.18	1.72	2.27	13.39
10	0.18	0.27	0.33	0.46	0.64	0.88	1.13	1.43	2.09	2.75	15.99
20	0.21	0.31	0.39	0.54	0.74	1.03	1.31	1.66	2.43	3.21	18.38
25	0.22	0.33	0.41	0.56	0.78	1.08	1.37	1.74	2.54	3.35	19.12
40	0.24	0.36	0.44	0.61	0.84	1.17	1.49	1.89	2.76	3.64	20.64
50	0.25	0.37	0.46	0.64	0.87	1.21	1.55	1.96	2.87	3.78	21.34
100	0.28	0.41	0.51	0.71	0.97	1.35	1.72	2.18	3.19	4.20	23.48
200	0.30	0.45	0.56	0.78	1.07	1.48	1.89	2.39	3.50	4.61	25.56
1000	0.36	0.54	0.67	0.93	1.28	1.78	2.26	2.87	4.20	5.53	30.21
10000	0.45	0.67	0.82	1.15	1.57	2.19	2.78	3.53	5.16	6.81	36.56
PMP	0.90	1.34	1.66	2.30	3.16	4.39	5.59	7.08	10.37	13.67	76.86
MEAN	0.111	0.165	0.204	0.283	0.389	0.540	0.688	0.872	1.276	1.682	10.014
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.957	0.909	0.790	1.178	1.553	2.117	1.422	0.935	1.182	1.214	0.836
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.504 ; INTERCEPT (TIME=1 HOUR) =0.394 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.03933 ; AVERAGE CALC CV / USED CV = 1.00

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	3.495	3.249	2.723	4.211	5.505	10.298	5.451	4.666	5.583	5.367	3.520
N	39	39	39	39	40	40	40	40	40	40	40
RECORD YEAR	1935	1935	1935	1946	1935	1935	1935	1943	1943	1943	1941
RECORD MAXIMUM	0.290	0.410	0.440	0.660	0.930	1.430	1.480	1.820	3.140	4.440	23.100
NORMALIZED MAX	2.753	2.785	2.342	2.846	2.984	4.236	2.920	3.079	3.419	3.371	2.787
CALC. COEF. VAR	0.588	0.534	0.495	0.468	0.466	0.389	0.394	0.353	0.427	0.486	0.469
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0111	0.0165	0.0204	0.0283	0.0389	0.0540	0.0687	0.0871	0.1274	0.1680	1.0000
RP10/A	0.0181	0.0269	0.0333	0.0463	0.0636	0.0883	0.1125	0.1425	0.2086	0.2750	1.5965
RP25/A	0.0220	0.0328	0.0405	0.0563	0.0774	0.1075	0.1369	0.1734	0.2538	0.3346	1.9090
RP50/A	0.0249	0.0370	0.0458	0.0635	0.0874	0.1213	0.1545	0.1957	0.2864	0.3776	2.1312
RP100/A	0.0276	0.0411	0.0508	0.0706	0.0970	0.1347	0.1715	0.2173	0.3181	0.4193	2.3450
RP1000/A	0.0364	0.0541	0.0669	0.0929	0.1278	0.1774	0.2259	0.2862	0.4189	0.5522	3.0163
RP10000/A	0.0448	0.0666	0.0824	0.1144	0.1573	0.2184	0.2781	0.3523	0.5156	0.6797	3.6508
PMP/A	0.0899	0.1338	0.1654	0.2297	0.3158	0.4385	0.5584	0.7075	1.0355	1.3649	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUB										
U03 1013 15	BOUQUET CANYON	3100	21	06N	14W	P	5	34.592	118.369	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1932	*****	*****	0.22	0.29	0.54	0.93	1.07	1.57	2.27	2.94	23.46
1933	*****	*****	0.29	0.36	0.49	0.95	1.36	1.92	2.74	3.52	13.25
1934	*****	*****	0.43	0.56	0.70	1.30	1.45	1.45	2.44	4.01	12.73
1935	*****	*****	0.35	0.51	0.51	0.75	0.94	1.02	1.47	2.20	20.18
1936	*****	*****	0.30	0.41	0.53	0.68	0.90	1.22	1.61	1.95	12.95
1937	*****	*****	0.27	0.44	0.58	0.93	1.31	1.55	1.78	2.80	24.00
1938	*****	*****	0.46	0.58	0.98	1.49	1.80	2.53	4.07	4.66	23.49
1939	*****	*****	0.33	0.46	0.47	0.83	1.10	1.54	1.84	2.54	17.43
1940	*****	*****	0.19	0.35	0.68	0.87	1.00	1.30	1.59	1.67	12.44
1941	*****	*****	0.25	0.32	0.50	0.82	1.02	1.30	1.77	2.85	31.49
1942	*****	*****	0.16	0.31	0.55	0.78	1.03	1.40	1.72	1.94	12.32
1943	*****	*****	0.39	0.43	0.65	0.98	1.39	1.95	3.50	6.62	12.42
1944	*****	*****	0.46	0.63	0.87	1.20	1.44	2.20	3.43	5.88	26.92
1945	*****	*****	0.42	0.78	0.88	1.00	1.20	1.67	2.04	2.53	14.75
1946	*****	*****	0.23	0.40	0.61	0.98	1.30	1.81	3.00	4.18	17.38
1947	*****	*****	0.22	0.30	0.50	0.63	0.87	1.32	2.16	2.65	16.42
1948	*****	*****	0.20	0.33	0.40	0.53	0.66	0.76	1.10	1.45	8.72
1949	*****	*****	0.10	0.19	0.37	0.60	0.71	0.80	1.23	1.28	10.96
1950	*****	*****	0.15	0.25	0.34	0.59	0.83	1.13	1.32	1.44	14.19
1951	*****	*****	0.11	0.21	0.30	0.54	0.77	0.77	0.77	0.77	6.95
1952	*****	*****	0.27	0.35	0.50	0.75	0.86	1.09	1.90	2.96	27.48
1953	*****	*****	0.17	0.29	0.51	0.91	1.16	1.40	1.56	2.25	8.70
1954	*****	*****	0.20	0.28	0.45	0.65	0.88	1.29	2.20	2.56	14.53
1955	*****	*****	0.12	0.18	0.30	0.56	0.73	1.20	1.57	1.57	12.82
1956	*****	*****	0.12	0.15	0.24	0.40	0.60	0.90	1.43	2.55	12.56
1957	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.60	12.24
1958	*****	*****	*****	*****	*****	*****	*****	*****	*****	3.77	32.17
1959	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.73	8.51
1960	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.09	8.29
1961	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.41	7.73
1962	*****	*****	0.20	0.30	0.40	0.55	0.75	1.12	2.00	3.30	10.55
1963	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.60	10.55
1964	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.47	10.98
1965	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.70	13.43
1966	*****	*****	*****	*****	*****	*****	*****	*****	*****	4.81	20.77
1967	*****	*****	*****	*****	*****	*****	*****	*****	*****	3.22	26.16
1968	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.36	14.11
1969	*****	*****	0.22	0.44	0.58	0.90	1.35	2.01	3.19	4.31	33.01

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUB										
U03 1013 15	BOUQUET CANYON	3100	21	06N	14W	P	5	34.592	118.369	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.0	0.0	0.23	0.34	0.48	0.74	0.96	1.28	1.87	2.44	15.05
5	0.0	0.0	0.34	0.50	0.72	1.10	1.42	1.91	2.78	3.62	21.71
10	0.0	0.0	0.41	0.61	0.87	1.34	1.73	2.32	3.38	4.40	25.92
20	0.0	0.0	0.48	0.71	1.02	1.56	2.01	2.70	3.93	5.13	29.80
25	0.0	0.0	0.50	0.75	1.06	1.63	2.10	2.82	4.11	5.35	31.00
40	0.0	0.0	0.55	0.81	1.16	1.77	2.28	3.07	4.47	5.82	33.46
50	0.0	0.0	0.57	0.84	1.20	1.84	2.37	3.18	4.64	6.04	34.61
100	0.0	0.0	0.63	0.93	1.33	2.04	2.63	3.53	5.15	6.71	38.08
200	0.0	0.0	0.69	1.02	1.46	2.24	2.89	3.88	5.65	7.36	41.45
1000	0.0	0.0	0.83	1.23	1.76	2.69	3.47	4.65	6.78	8.84	48.98
10000	0.0	0.0	1.02	1.51	2.16	3.31	4.27	5.73	8.35	10.88	59.28
PMP	0.0	0.0	2.06	3.04	4.34	6.65	8.57	11.50	16.76	21.84	124.63
MEAN	0.0	0.0	0.253	0.374	0.534	0.819	1.055	1.416	2.063	2.688	16.238
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.576	0.909	0.805	0.780	0.551	0.649	0.905	1.114	0.954
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.429 ; INTERCEPT (TIME=1 HOUR) =0.552 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.03402 ; AVERAGE CALC CV / USED CV = 0.73

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	0.0	0.0	2.648	4.221	3.973	4.008	3.109	3.475	3.590	4.248	3.054
N	0	0	27	27	27	27	27	27	27	38	38
RECORD YEAR	0	0	1938	1945	1938	1938	1938	1938	1938	1943	1969
RECORD MAXIMUM	0.0	0.0	0.460	0.780	0.980	1.490	1.800	2.530	4.070	6.620	33.010
NORMALIZED MAX	0.0	0.0	1.912	2.778	2.512	2.672	2.523	2.519	2.507	2.943	2.301
CALC. COEF. VAR	0.0	0.0	0.428	0.391	0.332	0.307	0.280	0.313	0.388	0.497	0.449
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0	0.0	0.0156	0.0230	0.0329	0.0504	0.0650	0.0872	0.1270	0.1655	1.0000
RP10/A	0.0	0.0	0.0255	0.0377	0.0539	0.0825	0.1063	0.1427	0.2079	0.2709	1.5965
RP25/A	0.0	0.0	0.0310	0.0459	0.0656	0.1004	0.1294	0.1736	0.2530	0.3297	1.9090
RP50/A	0.0	0.0	0.0350	0.0518	0.0740	0.1133	0.1460	0.1959	0.2855	0.3720	2.1312
RP100/A	0.0	0.0	0.0389	0.0575	0.0822	0.1258	0.1621	0.2176	0.3171	0.4132	2.3450
RP1000/A	0.0	0.0	0.0512	0.0757	0.1082	0.1657	0.2135	0.2866	0.4176	0.5441	3.0163
RP10000/A	0.0	0.0	0.0630	0.0932	0.1332	0.2039	0.2628	0.3527	0.5140	0.6697	3.6508
RMP/A	0.0	0.0	0.1266	0.1872	0.2674	0.4096	0.5278	0.7083	1.0323	1.3450	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 1562 11	CASTIAC PATROL STA	451	1066	01	04N	17W	B S	34.464	118.616	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1957	0.12	0.14	0.15	0.19	0.33	0.57	0.80	1.35	2.43	2.58	11.96
1958	0.15	0.24	0.30	0.38	0.49	0.62	0.82	1.18	2.28	2.89	23.90
1959	0.13	0.25	0.39	0.54	0.61	0.73	0.97	1.27	1.70	1.70	6.66
1960	0.05	0.08	0.10	0.20	0.25	0.45	0.56	0.80	1.16	1.52	8.01
1961	0.10	0.15	0.21	0.30	0.40	0.50	0.65	0.74	0.94	0.95	5.08
1962	0.10	0.10	0.15	0.25	0.40	0.60	0.74	1.04	2.08	3.20	17.02
1963	0.10	0.17	0.24	0.27	0.41	0.65	0.87	1.16	1.50	1.70	9.13
1964	0.06	0.09	0.10	0.16	0.27	0.50	0.75	1.00	1.08	1.15	6.63
1965	0.07	0.09	0.12	0.18	0.28	0.38	0.60	0.87	1.11	1.32	10.77
1966	0.10	0.19	0.33	0.55	0.96	1.42	1.90	3.08	4.42	4.62	17.60
1967	0.10	0.14	0.17	0.23	0.40	0.55	0.78	1.24	2.25	2.80	16.70
1968	0.22	0.27	0.34	0.55	0.93	1.35	2.03	2.28	2.75	3.25	13.31
1969	0.08	0.11	0.14	0.23	0.50	0.80	1.05	1.50	2.87	3.50	21.85

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 1562 11	CASTIAC PATROL STA	451	1066	01	04N	17W	B S	34.464	118.616	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.10	0.14	0.19	0.28	0.43	0.64	0.87	1.22	1.85	2.18	12.03
5	0.14	0.21	0.28	0.42	0.65	0.95	1.30	1.82	2.76	3.23	17.35
10	0.17	0.25	0.34	0.51	0.78	1.15	1.58	2.20	3.35	3.93	20.72
20	0.20	0.30	0.40	0.59	0.91	1.34	1.84	2.57	3.90	4.57	23.82
25	0.21	0.31	0.42	0.62	0.95	1.40	1.92	2.68	4.07	4.78	24.77
40	0.23	0.34	0.46	0.67	1.04	1.52	2.09	2.92	4.43	5.20	26.74
50	0.24	0.35	0.47	0.70	1.08	1.58	2.16	3.03	4.59	5.39	27.66
100	0.26	0.39	0.53	0.77	1.20	1.75	2.40	3.36	5.10	5.99	30.43
200	0.29	0.43	0.58	0.85	1.31	1.92	2.64	3.69	5.60	6.57	33.13
1000	0.35	0.51	0.69	1.02	1.58	2.31	3.17	4.43	6.72	7.88	39.15
10000	0.43	0.63	0.85	1.25	1.94	2.84	3.90	5.45	8.27	9.70	47.38
PMP	0.86	1.26	1.71	2.52	3.89	5.70	7.82	10.94	16.61	19.49	99.60
MEAN	0.106	0.155	0.211	0.310	0.479	0.702	0.963	1.347	2.044	2.398	12.978
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.439	0.629	0.602	0.950	1.385	1.664	1.814	1.942	1.129	0.446	0.470
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.390 ; INTERCEPT (TIME=1 HOUR) =0.477 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.03678 ; AVERAGE CALC CV / USED CV = 0.96

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	6.515	2.803	2.619	2.987	4.675	5.412	5.798	7.182	5.270	3.158	2.841
N	13	13	13	13	13	13	13	13	13	13	13
RECORD YEAR	1968	1968	1959	1966	1966	1966	1968	1966	1966	1966	1958
RECORD MAXIMUM	0.220	0.270	0.390	0.550	0.960	1.420	2.030	3.080	4.420	4.620	23.990
NORMILIZED MAX	2.594	1.766	1.802	1.640	2.092	2.222	2.292	2.662	2.450	2.020	1.819
CALC. COEF. VAR	0.413	0.418	0.472	0.472	0.480	0.461	0.483	0.483	0.475	0.459	0.446
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0082	0.0120	0.0162	0.0239	0.0369	0.0541	0.0742	0.1038	0.1575	0.1848	1.0000
RP10/A	0.0134	0.0196	0.0266	0.0391	0.0604	0.0885	0.1215	0.1699	0.2578	0.3025	1.5965
RP25/A	0.0163	0.0238	0.0323	0.0476	0.0735	0.1077	0.1478	0.2067	0.3137	0.3681	1.9090
RP50/A	0.0184	0.0269	0.0365	0.0537	0.0830	0.1215	0.1668	0.2333	0.3540	0.4154	2.1312
RP100/A	0.0204	0.0299	0.0405	0.0596	0.0922	0.1349	0.1852	0.2591	0.3931	0.4613	2.3450
RP1000/A	0.0269	0.0394	0.0534	0.0785	0.1214	0.1777	0.2439	0.3412	0.5177	0.6075	3.0163
RP10000/A	0.0331	0.0484	0.0657	0.0966	0.1494	0.2187	0.3002	0.4199	0.6372	0.7477	3.6508
PMP/A	0.0665	0.0973	0.1320	0.1941	0.3000	0.4392	0.6030	0.8433	1.2796	1.5016	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 2735 0	ELIZABETH LAKE	128	2075	15	06N	16W	S	34.608	118.560	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1956	0.05	0.09	0.12	0.22	0.28	0.56	0.77	1.10	1.72	1.72	22.52
1957	0.00	0.13	0.17	0.29	0.50	1.02	1.42	2.20	4.27	4.59	18.71
1958	0.15	0.23	0.35	0.64	0.79	1.09	1.63	1.99	3.24	5.23	39.69
1959	0.11	0.20	0.28	0.38	0.45	0.68	0.89	1.20	2.42	2.79	11.21
1960	0.06	0.09	0.14	0.22	0.32	0.55	0.71	0.92	1.70	2.54	13.31
1961	0.17	0.24	0.28	0.37	0.50	0.90	1.12	1.41	1.42	2.55	10.24
1962	0.12	0.17	0.20	0.38	0.48	0.67	0.87	1.25	2.00	4.12	29.18
1963	0.10	0.15	0.24	0.30	0.43	0.67	1.00	1.63	2.73	3.13	13.03
1964	0.15	0.21	0.25	0.32	0.58	0.83	1.07	1.52	1.83	2.35	14.98
1965	0.08	0.10	0.15	0.24	0.41	0.70	1.01	1.40	1.66	2.59	20.01
1966	0.12	0.21	0.28	0.45	0.86	1.55	2.20	3.17	5.65	5.90	26.90
1967	0.20	0.30	0.35	0.49	0.62	1.10	1.35	1.89	3.83	5.85	38.05
1968	0.12	0.15	0.23	0.31	0.45	0.69	0.98	1.39	2.05	2.75	18.05
1969	0.20	0.23	0.30	0.48	0.90	1.65	2.36	3.71	6.14	7.17	41.81
1970	0.08	0.10	0.13	0.20	0.32	0.50	0.70	1.00	1.70	2.55	10.67
1971	0.20	0.25	0.30	0.45	0.70	1.10	1.50	2.25	4.48	6.84	20.35

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 2735 0	ELIZABETH LAKE	128	2075	15	06N	16W	S	34.608	118.560	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.11	0.16	0.21	0.32	0.49	0.81	1.11	1.59	2.66	3.55	20.20
5	0.17	0.24	0.32	0.48	0.72	1.20	1.65	2.36	3.95	5.28	29.14
10	0.20	0.29	0.39	0.58	0.88	1.46	2.00	2.87	4.80	6.41	34.79
20	0.24	0.34	0.45	0.68	1.02	1.70	2.33	3.34	5.60	7.47	40.00
25	0.25	0.35	0.47	0.71	1.07	1.78	2.44	3.49	5.84	7.80	41.61
40	0.27	0.39	0.51	0.77	1.16	1.93	2.65	3.79	6.35	8.48	44.91
50	0.28	0.40	0.53	0.80	1.21	2.00	2.75	3.94	6.59	8.80	46.65
100	0.31	0.44	0.59	0.89	1.34	2.22	3.05	4.37	7.32	9.78	51.11
200	0.34	0.49	0.65	0.98	1.47	2.44	3.35	4.80	8.04	10.73	55.63
1000	0.41	0.59	0.77	1.17	1.76	2.93	4.02	5.76	9.64	12.88	65.74
10000	0.51	0.72	0.95	1.44	2.17	3.61	4.95	7.09	11.87	15.85	79.57
PMP	1.02	1.45	1.91	2.90	4.36	7.24	9.94	14.23	23.84	31.82	167.27
MEAN	0.125	0.178	0.236	0.357	0.537	0.891	1.224	1.752	2.934	3.917	21.794
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.287	0.081	-0.131	0.753	0.668	1.082	1.239	1.443	1.034	0.674	0.837
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.364 ; INTERCEPT (TIME=1 HOUR) =0.572 ; COEFFICIENT OF DETERMINATION = 0.991
1HR INTERCEPT / MEAN YR =0.02623 ; AVERAGE CALC CV / USED CV = 0.77

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	2.567	2.519	2.356	3.836	3.023	3.999	4.344	5.163	3.386	2.532	3.032
N	16	16	16	16	16	16	16	16	16	16	16
RECORD YEAR	1967	1967	1958	1958	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	0.200	0.300	0.350	0.640	0.900	1.650	2.360	3.710	6.140	7.170	41.810
NORMILIZED MAX	1.527	1.874	1.500	2.348	1.906	2.218	2.285	2.521	2.128	1.839	1.903
CALC. COEF. VAR	0.393	0.365	0.324	0.338	0.355	0.384	0.406	0.443	0.514	0.452	0.483
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0057	0.0082	0.0108	0.0164	0.0246	0.0409	0.0561	0.0804	0.1346	0.1797	1.0000
RP10/A	0.0094	0.0134	0.0177	0.0268	0.0403	0.0669	0.0919	0.1316	0.2203	0.2942	1.5965
RP25/A	0.0114	0.0163	0.0215	0.0326	0.0491	0.0814	0.1118	0.1601	0.2681	0.3579	1.9090
RP50/A	0.0129	0.0184	0.0243	0.0368	0.0554	0.0919	0.1262	0.1807	0.3025	0.4039	2.1312
RP100/A	0.0143	0.0204	0.0270	0.0409	0.0615	0.1021	0.1401	0.2006	0.3360	0.4486	2.3450
RP1000/A	0.0189	0.0269	0.0355	0.0538	0.0810	0.1344	0.1846	0.2642	0.4425	0.5908	3.0163
RP10000/A	0.0232	0.0331	0.0437	0.0663	0.0997	0.1655	0.2272	0.3252	0.5446	0.7271	3.6508
PMP/A	0.0466	0.0664	0.0878	0.1330	0.2001	0.3323	0.4562	0.6531	1.0937	1.4602	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 6164 0	NEWHALL RANGER STATION	1340						34.370	118.513	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.53	*****	*****	1.60	*****	3.40	21.37
1941	*****	*****	*****	*****	0.51	*****	*****	1.93	*****	2.80	42.14
1942	*****	*****	*****	*****	0.42	*****	*****	0.86	*****	0.92	7.10
1943	*****	*****	*****	*****	0.96	*****	*****	2.79	*****	8.33	37.03
1944	*****	*****	*****	*****	0.61	0.77	*****	2.61	*****	5.42	24.63
1945	*****	*****	*****	*****	0.62	1.17	1.41	1.99	2.69	3.84	14.56
1946	*****	*****	*****	*****	0.68	0.78	1.07	1.67	2.19	3.43	21.71
1947	*****	*****	*****	*****	0.19	0.34	0.48	0.60	0.60	1.00	4.16
1948	*****	*****	*****	*****	0.52	0.74	0.88	1.21	1.37	1.72	9.13
1949	0.08	0.12	0.14	0.21	0.30	0.47	0.52	0.67	1.02	1.81	9.93
1950	0.09	0.10	0.12	0.22	0.36	0.57	0.70	0.95	1.25	1.50	6.84
1951	0.07	0.12	0.18	0.25	0.42	0.63	0.68	1.08	1.30	1.97	12.42
1952	0.28	0.33	0.36	0.56	1.15	1.75	2.18	3.22	4.43	5.87	34.19
1953	0.12	0.23	0.31	0.46	0.69	0.95	1.27	1.51	1.68	1.83	5.53
1954	0.16	0.25	0.29	0.41	0.55	0.75	1.22	1.90	2.62	2.77	16.93
1955	0.08	0.15	0.19	0.25	0.38	0.67	0.95	1.68	2.22	2.50	15.52
1956	0.17	0.34	0.40	0.59	0.69	0.93	1.19	2.15	3.06	5.06	17.30
1957	0.25	0.41	0.42	0.60	1.08	1.57	2.08	2.72	4.04	4.89	25.76
1958	0.35	0.55	0.72	0.82	0.90	1.06	1.37	1.97	2.45	2.54	25.90
1959	0.03	0.05	0.07	0.13	0.23	0.35	0.42	0.65	0.86	1.11	10.50
1960	0.22	0.33	0.46	0.75	0.83	0.91	1.35	1.78	1.95	2.46	14.75
1961	0.16	0.20	0.25	0.46	0.68	1.00	1.06	1.41	1.59	1.72	9.15
1962	0.19	0.32	0.46	0.75	1.05	1.25	1.56	1.87	3.03	5.04	22.67
1963	0.11	0.20	0.23	0.33	0.56	0.96	1.35	2.12	2.71	2.97	13.85
1964	0.03	0.06	0.09	0.17	0.33	0.60	0.84	1.01	1.01	1.44	12.06
1965	0.15	0.17	0.20	0.32	0.44	0.52	0.62	0.92	1.46	2.10	32.28
1966	0.12	0.15	0.17	0.27	0.41	0.74	0.87	0.99	1.16	1.20	14.29
1967	0.07	0.14	0.17	0.27	0.44	0.72	0.96	1.26	1.28	1.49	32.00
1968	0.15	0.25	0.27	0.40	0.48	0.60	0.84	1.51	2.60	3.30	******
1969	0.10	0.16	0.24	0.44	0.63	1.08	1.54	2.77	4.21	5.29	25.00
1970	0.10	0.16	0.24	0.48	0.76	1.21	1.79	2.89	4.51	5.76	22.19
1971	*****	*****	*****	*****	0.50	0.90	1.20	2.00	2.30	2.90	13.90
1972	*****	*****	*****	*****	0.40	0.80	1.10	1.20	1.20	1.20	4.00
1973	*****	*****	0.30	0.50	0.80	1.30	1.80	2.80	3.80	5.30	20.00
1974	*****	*****	0.40	0.50	0.80	1.20	1.50	1.90	2.60	4.50	19.40

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 6164 0	NEWHALL RANGER STATION	1340						34.370	118.513	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.20	0.25	0.38	0.54	0.80	1.05	1.56	2.03	2.84	16.86
5	0.19	0.29	0.38	0.57	0.80	1.19	1.56	2.32	3.02	4.21	24.31
10	0.23	0.36	0.44	0.69	0.97	1.44	1.90	2.81	3.67	5.11	29.03
20	0.27	0.42	0.53	0.81	1.13	1.68	2.21	3.28	4.28	5.96	33.37
25	0.28	0.43	0.55	0.84	1.18	1.75	2.31	3.42	4.47	6.22	34.71
40	0.30	0.47	0.60	0.92	1.28	1.91	2.51	3.72	4.86	6.77	37.47
50	0.31	0.49	0.63	0.95	1.33	1.98	2.61	3.87	5.04	7.02	38.75
100	0.35	0.54	0.69	1.06	1.48	2.20	2.90	4.29	5.60	7.80	42.64
200	0.38	0.60	0.76	1.16	1.62	2.41	3.18	4.71	6.14	8.56	46.41
1000	0.46	0.72	0.91	1.39	1.94	2.89	3.81	5.65	7.37	10.27	54.84
10000	0.57	0.88	1.13	1.71	2.39	3.56	4.69	6.96	9.07	12.64	66.38
PMP	1.14	1.77	2.26	3.44	4.81	7.15	9.42	13.97	18.22	25.39	139.55
MEAN	0.140	0.218	0.278	0.423	0.591	0.880	1.160	1.720	2.242	3.125	18.182
CLOCK HR. CORR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.008	1.042	1.170	0.466	0.663	0.675	0.428	0.319	0.626	0.893	0.637
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.423 ; INTERCEPT (TIME=1 HOUR) =0.607 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.03336 ; AVERAGE CALC CV / USED CV = 0.99

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.248	4.453	5.345	2.801	3.066	3.728	3.031	2.460	2.695	3.543	3.082
N	22	22	24	24	35	31	30	35	30	35	34
RECORD YEAR	1958	1958	1958	1958	1952	1952	1952	1952	1970	1943	1941
RECORD MAXIMUM	0.350	0.550	0.720	0.820	1.150	1.750	2.180	3.220	4.510	8.330	42.140
NORMILIZED MAX	2.617	2.730	3.010	2.080	2.324	2.639	2.254	2.098	2.028	2.899	2.471
CALC. COEF. VAR	0.573	0.559	0.527	0.451	0.406	0.375	0.390	0.416	0.499	0.575	0.533
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0077	0.0120	0.0153	0.0233	0.0325	0.0484	0.0638	0.0946	0.1233	0.1719	1.0000
RP10/A	0.0126	0.0196	0.0251	0.0381	0.0532	0.0792	0.1044	0.1548	0.2019	0.2813	1.5965
RP25/A	0.0153	0.0238	0.0305	0.0464	0.0648	0.0964	0.1271	0.1884	0.2456	0.3423	1.9090
RP50/A	0.0173	0.0269	0.0344	0.0523	0.0731	0.1087	0.1434	0.2126	0.2772	0.3863	2.1312
RP100/A	0.0192	0.0299	0.0382	0.0581	0.0812	0.1208	0.1592	0.2361	0.3078	0.4290	2.3450
RP1000/A	0.0253	0.0394	0.0503	0.0765	0.1069	0.1590	0.2097	0.3109	0.4054	0.5650	3.0163
RP10000/A	0.0312	0.0484	0.0619	0.0942	0.1316	0.1957	0.2581	0.3827	0.4990	0.6954	3.6508
PMP/A	0.0626	0.0973	0.1244	0.1892	0.2643	0.3931	0.5184	0.7685	1.0020	1.3965	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
003 7736 0	SANBURG N W S	4517	31	OPN	17W	C	S	34.750	118.733	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.06	0.10	0.12	0.24	0.37	0.63	0.90	1.49	1.90	2.32	15.02
1941	0.07	0.12	0.17	0.23	0.37	0.58	0.82	1.10	1.65	2.54	32.72
1942	0.03	0.05	0.06	0.10	0.19	0.26	0.48	0.80	0.94	1.06	4.82
1943	0.06	0.12	0.14	0.24	0.38	0.75	1.13	2.05	3.10	4.06	22.87
1944	0.05	0.10	0.15	0.29	0.46	0.78	1.12	1.80	2.21	2.88	14.86
1945	0.18	0.27	0.28	0.30	0.50	0.82	1.11	1.51	2.07	2.86	10.96
1946	0.04	0.08	0.10	0.19	0.35	0.70	0.96	1.60	2.32	2.97	15.23
1947	0.07	0.11	0.14	0.17	0.20	0.21	0.23	0.36	0.48	0.64	2.92
1948	0.07	0.09	0.10	0.12	0.24	0.30	0.38	0.48	0.74	0.93	4.91
1949	*****	*****	*****	*****	0.20	0.34	0.45	0.62	1.21	2.14	10.11
1950	0.02	0.04	0.06	0.10	0.16	0.23	0.29	0.40	0.52	0.62	3.33
1951	0.04	0.07	0.11	0.15	0.25	0.47	0.68	1.10	1.50	1.58	6.40
1952	0.06	0.12	0.15	0.20	0.30	0.56	0.77	1.22	2.39	3.07	15.49
1953	0.05	0.07	0.10	0.18	0.34	0.62	0.84	1.32	1.60	1.60	4.18
1954	0.05	0.08	0.13	0.23	0.45	0.82	1.08	1.51	1.89	2.37	10.90
1955	0.03	0.06	0.08	0.15	0.26	0.51	0.72	1.34	1.74	2.09	11.08
1956	0.06	0.07	0.08	0.11	0.18	0.28	0.42	0.70	1.22	2.01	5.95
1957	0.07	0.10	0.15	0.26	0.40	0.66	0.96	1.81	2.54	2.98	16.16
1958	0.10	0.18	0.20	0.35	0.60	0.47	0.49	1.45	2.17	2.48	16.92
1959	0.05	0.07	0.11	0.18	0.22	0.44	0.60	1.17	1.91	2.01	9.03
1960	0.15	0.25	0.25	0.25	0.35	0.60	0.81	1.24	1.58	2.28	8.12
1961	0.08	0.14	0.18	0.25	0.38	0.58	0.65	1.03	1.36	1.66	7.61
1962	0.06	0.12	0.14	0.22	0.30	0.52	0.77	1.52	2.84	4.87	14.08
1963	0.08	0.15	0.18	0.29	0.51	0.71	0.80	1.32	1.76	1.83	12.85
1964	0.08	0.14	0.15	0.18	0.31	0.42	0.50	0.90	1.49	1.18	8.27
1965	0.10	0.14	0.16	0.19	0.30	0.56	0.80	1.53	2.19	3.41	20.19
1966	0.10	0.17	0.19	0.29	0.50	0.95	1.35	2.39	3.80	4.95	9.59
1967	0.04	0.06	0.08	0.15	0.50	0.83	1.12	1.63	1.85	2.79	17.66
1968	0.02	0.04	0.05	0.10	0.20	0.37	0.40	0.48	0.58	0.63	4.71
1969	0.15	0.18	0.19	0.23	0.35	0.65	0.86	1.40	2.09	2.36	16.82
1970	0.09	0.13	0.17	0.33	0.55	0.99	1.49	2.59	4.51	6.86	20.39
1971	0.05	0.09	0.13	0.25	0.44	0.87	1.25	2.21	2.77	2.77	13.65
1972	0.04	0.08	0.12	0.23	0.37	0.68	0.97	1.31	1.54	1.54	4.81
1973	0.11	0.16	0.19	0.25	0.40	0.67	0.92	1.51	2.47	3.73	20.56
1974	0.09	0.14	0.17	0.24	0.48	0.84	1.16	1.70	2.81	3.41	17.34
1975	*****	*****	*****	*****	0.28	0.55	0.68	0.98	1.42	1.99	10.72

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
003 7736 0	SANBURG N W S	4517	31	OPN	17W	C	S	34.750	118.733	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.06	0.10	0.13	0.19	0.31	0.54	0.73	1.20	1.74	2.26	11.36
5	0.10	0.15	0.19	0.29	0.47	0.80	1.08	1.78	2.59	3.35	16.39
10	0.12	0.19	0.23	0.35	0.57	0.97	1.31	2.16	3.14	4.07	19.57
20	0.13	0.22	0.27	0.41	0.66	1.13	1.53	2.52	3.66	4.74	22.49
25	0.14	0.23	0.28	0.42	0.69	1.18	1.60	2.63	3.83	4.95	23.40
40	0.15	0.25	0.31	0.46	0.75	1.28	1.74	2.86	4.16	5.38	25.26
50	0.16	0.26	0.32	0.48	0.78	1.33	1.80	2.97	4.32	5.59	26.12
100	0.18	0.29	0.35	0.53	0.86	1.48	2.00	3.30	4.80	6.20	28.74
200	0.19	0.31	0.39	0.58	0.95	1.62	2.20	3.62	5.26	6.81	31.28
1000	0.23	0.38	0.47	0.70	1.14	1.94	2.64	4.34	6.31	8.17	36.97
10000	0.29	0.46	0.57	0.86	1.40	2.39	3.25	5.35	7.77	10.06	44.75
PMP	0.57	0.93	1.15	1.73	2.81	4.80	6.52	10.74	15.61	20.20	94.07
MEAN	0.071	0.114	0.142	0.213	0.346	0.591	0.802	1.321	1.921	2.486	12.256
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.238	1.100	0.414	-0.064	0.033	-0.035	0.121	0.194	0.766	1.221	0.821
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.329 ; INTERCEPT (TIME=1 HOUR) =0.364 ; COEFFICIENT OF DETERMINATION = 0.988
1HR INTERCEPT / MEAN YR =0.02973 ; AVERAGE CALC CV / USED CV = 0.81

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.851	4.662	3.510	2.659	2.250	2.568	2.733	3.286	4.556	5.751	4.324
N	34	34	34	34	36	36	36	36	36	36	36
RECORD YEAR	1945	1945	1945	1958	1970	1970	1970	1970	1970	1970	1941
RECORD MAXIMUM	0.180	0.270	0.280	0.350	0.550	0.990	1.490	2.590	4.510	6.860	32.720
NORMILIZED MAX	2.977	2.899	2.631	2.070	1.891	1.978	2.251	2.379	3.000	3.366	3.133
CALC. COEF. VAR	0.521	0.469	0.371	0.311	0.333	0.341	0.381	0.404	0.449	0.523	0.533
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0058	0.0093	0.0116	0.0174	0.0282	0.0482	0.0655	0.1078	0.1567	0.2028	1.0000
RP10/A	0.0094	0.0153	0.0189	0.0284	0.0461	0.0789	0.1072	0.1765	0.2565	0.3320	1.5965
RP25/A	0.0115	0.0186	0.0230	0.0346	0.0562	0.0961	0.1304	0.2147	0.3122	0.4039	1.9090
RP50/A	0.0129	0.0210	0.0260	0.0390	0.0634	0.1084	0.1472	0.2423	0.3523	0.4558	2.1312
RP100/A	0.0144	0.0233	0.0289	0.0434	0.0704	0.1204	0.1634	0.2691	0.3912	0.5062	2.3450
RP1000/A	0.0189	0.0307	0.0380	0.0571	0.0927	0.1585	0.2152	0.3544	0.5152	0.6667	3.0163
RP10000/A	0.0233	0.0378	0.0468	0.0703	0.1141	0.1951	0.2649	0.4362	0.6342	0.8206	3.6508
PMP/A	0.0468	0.0758	0.0940	0.1412	0.2291	0.3919	0.5320	0.8760	1.2735	1.6479	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 9049 0	TUJUNGA MILL CREEK 470	4650	36	04N	12W		S	34.388	118.090	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1943	*****	*****	*****	*****	0.42	*****	*****	1.26	*****	5.04	******
1944	*****	*****	*****	*****	0.40	*****	*****	1.65	*****	2.78	******
1945	*****	*****	*****	*****	0.51	*****	*****	1.33	*****	2.97	******
1946	*****	*****	*****	*****	0.41	*****	*****	1.58	*****	4.16	******
1947	*****	*****	*****	*****	0.43	*****	*****	0.85	*****	1.82	******
1948	0.11	0.13	0.14	0.26	0.45	0.56	0.66	0.84	1.30	1.64	20.00
1949	*****	*****	*****	*****	0.19	*****	*****	1.11	*****	1.27	14.00
1953	*****	*****	*****	*****	0.21	*****	*****	0.77	*****	0.80	24.00
1954	*****	*****	*****	*****	0.32	*****	*****	1.27	*****	2.22	15.68
1955	*****	*****	*****	*****	0.23	*****	*****	1.09	*****	1.88	12.99
1956	*****	*****	*****	*****	0.14	*****	*****	0.84	*****	3.26	11.82
1957	*****	*****	*****	*****	0.35	0.67	0.91	1.53	2.31	2.58	17.01
1958	*****	*****	*****	*****	0.34	0.51	0.69	1.08	1.85	1.97	14.91
1959	*****	*****	*****	*****	0.28	0.52	0.70	0.92	1.20	1.52	5.79
1960	*****	*****	*****	*****	0.62	0.56	0.65	0.86	1.03	1.48	10.65
1961	*****	*****	*****	*****	0.27	0.50	0.62	0.94	1.50	1.61	9.47
1962	*****	*****	*****	*****	0.26	0.49	0.71	1.25	1.90	3.23	14.66
1963	*****	*****	*****	*****	0.37	0.48	0.69	1.19	1.85	2.65	15.78
1964	*****	*****	*****	*****	0.27	0.44	0.53	0.74	0.75	1.09	11.54
1965	*****	*****	*****	*****	0.55	1.00	1.50	2.65	4.20	4.60	30.92
1966	*****	*****	*****	*****	0.48	0.80	1.06	1.74	2.94	4.49	19.30
1967	*****	*****	*****	*****	1.28	1.70	1.71	2.04	3.18	4.23	26.68
1968	*****	*****	*****	*****	0.27	0.49	0.60	1.00	1.76	1.95	8.63
1969	*****	*****	*****	*****	0.58	1.05	1.45	2.46	3.70	5.36	27.81
1970	*****	*****	*****	*****	0.34	0.62	0.81	1.46	2.75	4.84	22.21
1971	*****	*****	*****	*****	0.21	0.33	0.46	0.88	1.67	2.33	10.83
1972	*****	*****	*****	*****	0.20	0.35	0.46	0.68	0.90	0.90	3.99
1973	*****	*****	*****	*****	0.33	0.63	0.88	1.47	2.42	3.30	15.88
1974	*****	*****	*****	*****	1.14	1.24	1.24	1.24	1.24	1.24	17.10

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 9049 0	TUJUNGA MILL CREEK 470	4650	36	04N	12W		S	34.388	118.090	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.42	0.66	0.81	1.17	1.85	2.42	15.05
5	0.0	0.0	0.0	0.0	0.62	0.99	1.20	1.74	2.76	3.59	21.70
10	0.0	0.0	0.0	0.0	0.75	1.19	1.46	2.11	3.35	4.36	25.91
20	0.0	0.0	0.0	0.0	0.87	1.39	1.70	2.46	3.90	5.08	29.79
25	0.0	0.0	0.0	0.0	0.91	1.45	1.78	2.57	4.07	5.30	30.99
40	0.0	0.0	0.0	0.0	0.99	1.58	1.94	2.80	4.43	5.77	33.45
50	0.0	0.0	0.0	0.0	1.03	1.64	2.01	2.90	4.59	5.98	34.59
100	0.0	0.0	0.0	0.0	1.14	1.82	2.23	3.22	5.10	6.65	38.06
200	0.0	0.0	0.0	0.0	1.26	2.00	2.45	3.54	5.60	7.29	41.43
1000	0.0	0.0	0.0	0.0	1.51	2.40	2.96	4.25	6.72	8.75	48.96
10000	0.0	0.0	0.0	0.0	1.85	2.95	3.62	5.23	8.27	10.77	59.26
PMP	0.0	0.0	0.0	0.0	3.72	5.92	7.26	10.49	16.61	21.63	124.57
MEAN	0.0	0.0	0.0	0.0	0.458	0.729	0.894	1.292	2.044	2.662	16.231
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	2.507	1.802	1.161	1.355	0.811	0.559	0.489
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.385 ; INTERCEPT (TIME=1 HOUR) =0.463 ; COEFFICIENT OF DETERMINATION = 0.987
1HR INTERCEPT / MEAN YR =0.02853 ; AVERAGE CALC CV / USED CV = 1.09

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	9.920	6.538	3.741	4.954	3.378	2.400	3.175
N	1	1	1	1	29	19	19	29	19	29	24
RECORD YEAR	0	0	0	0	1967	1967	1967	1965	1965	1969	1965
RECORD MAXIMUM	0.0	0.0	0.0	0.0	1.250	1.700	1.710	2.650	4.200	5.360	30.920
NORMILIZED MAX	0.0	0.0	0.0	0.0	2.896	2.638	2.143	2.728	2.215	1.996	2.200
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.627	0.505	0.426	0.386	0.476	0.508	0.411
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0	0.0	0.0	0.0	0.0282	0.0449	0.0551	0.0796	0.1259	0.1640	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0462	0.0735	0.0901	0.1302	0.2061	0.2685	1.5965
RP25/A	0.0	0.0	0.0	0.0	0.0562	0.0894	0.1097	0.1585	0.2508	0.3267	1.9090
RP50/A	0.0	0.0	0.0	0.0	0.0635	0.1009	0.1238	0.1788	0.2830	0.3687	2.1312
RP100/A	0.0	0.0	0.0	0.0	0.0705	0.1121	0.1375	0.1986	0.3143	0.4094	2.3450
RP1000/A	0.0	0.0	0.0	0.0	0.0928	0.1476	0.1810	0.2616	0.4139	0.5392	3.0163
RP10000/A	0.0	0.0	0.0	0.0	0.1143	0.1816	0.2228	0.3219	0.5095	0.6637	3.6508
PMP/A	0.0	0.0	0.0	0.0	0.2294	0.3648	0.4474	0.6465	1.0231	1.3327	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U04 4867 0	LECHUZA PATROL STA	352	1600	16	01S	19W	S	34.078	118.880	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1935	0.16	0.27	0.33	0.63	0.94	1.50	1.86	2.30	2.67	2.76	27.21
1936	0.19	0.27	0.33	0.63	0.93	1.25	1.28	1.58	1.98	1.98	19.67
1937	0.17	0.29	0.38	0.53	0.72	1.20	1.56	2.21	2.94	3.82	30.27
1938	0.26	0.46	0.60	0.69	0.82	1.40	1.93	2.78	4.81	5.95	32.16
1939	0.19	0.27	0.37	0.56	0.71	1.27	1.78	2.75	5.45	7.08	25.53
1940	0.25	0.31	0.46	0.58	0.94	1.18	1.39	1.68	1.93	3.57	22.89
1941	0.35	0.50	0.70	1.05	1.38	1.57	1.75	2.86	4.40	4.46	51.43
1942	0.11	0.16	0.24	0.38	0.59	0.98	1.27	1.58	1.96	2.14	17.03
1943	0.30	0.47	0.67	0.92	1.42	2.28	2.64	3.28	6.92	9.85	30.07
1944	0.26	0.32	0.37	0.44	0.72	1.10	1.27	1.58	2.87	4.74	31.08
1945	0.23	0.40	0.48	0.72	1.17	1.59	1.79	2.20	3.37	3.69	18.75
1946	0.24	0.32	0.37	0.48	0.67	1.03	1.23	1.43	2.09	3.85	16.60
1947	0.19	0.32	0.44	0.73	0.78	1.14	1.54	2.05	3.11	3.37	17.99
1948	0.24	0.31	0.38	0.52	0.71	1.09	1.42	1.72	2.00	2.01	11.29
1949	0.23	0.45	0.63	0.87	1.17	1.32	1.38	1.44	1.65	1.96	15.10
1950	0.13	0.20	0.27	0.45	0.88	1.24	1.46	1.70	2.31	2.97	18.49
1951	0.27	0.27	0.32	0.52	0.72	1.32	1.56	1.67	1.60	1.60	14.82
1952	0.16	0.31	0.34	0.55	0.87	1.50	2.24	2.91	4.47	6.79	42.51
1953	0.23	0.37	0.50	0.86	1.48	2.01	2.26	2.29	2.29	3.60	16.39
1954	0.23	0.29	0.32	0.48	0.81	1.51	2.11	2.97	4.36	5.12	20.83
1955	0.16	0.22	0.26	0.34	0.48	0.86	1.22	1.78	2.06	2.10	17.41
1956	0.11	0.21	0.31	0.63	1.07	1.69	2.14	2.84	5.85	7.90	23.39
1957	0.19	0.24	0.31	0.42	0.60	1.15	1.44	1.65	1.82	1.90	15.26
1958	0.17	0.22	0.31	0.52	0.84	1.30	2.20	2.98	3.46	3.70	36.47
1959	0.17	0.22	0.24	0.29	0.56	0.85	1.06	1.48	2.59	2.95	10.50
1960	0.08	0.12	0.17	0.30	0.52	0.91	1.20	1.87	2.44	2.40	14.62
1961	0.18	0.29	0.35	0.48	0.67	0.90	1.09	1.46	1.96	1.98	8.61
1962	0.12	0.18	0.27	0.51	0.88	1.38	1.68	2.34	3.60	6.23	34.22
1963	0.22	0.30	0.32	0.43	0.84	1.10	1.47	2.22	3.48	4.70	17.16
1964	0.14	0.16	0.20	0.34	0.60	0.84	0.98	1.40	1.58	1.70	10.96
1965	0.15	0.34	0.40	0.60	0.82	0.98	1.13	1.39	1.92	2.32	19.02
1966	0.38	0.46	0.49	0.78	1.20	2.00	2.37	2.88	5.65	7.45	29.22
1967	0.14	0.20	0.25	0.40	0.72	1.30	1.92	2.52	3.70	3.91	33.44
1969	0.20	0.40	0.62	1.10	1.60	2.46	3.00	3.76	5.70	6.20	20.92
1969	0.25	0.35	0.50	0.90	1.70	3.04	3.87	5.18	6.87	7.88	36.69
1974	*****	*****	0.30	0.60	1.10	1.80	2.40	3.90	5.10	6.00	25.30

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U04 4867 0	LECHUZA PATROL STA	352	1600	16	01S	19W	S	34.078	118.880	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.18	0.27	0.35	0.53	0.82	1.26	1.58	2.07	3.04	3.78	21.56
5	0.27	0.41	0.52	0.80	1.23	1.89	2.38	3.12	4.58	5.70	30.44
10	0.33	0.50	0.64	0.98	1.51	2.31	2.90	3.81	5.59	6.95	36.05
20	0.39	0.58	0.75	1.15	1.76	2.70	3.40	4.46	6.54	8.13	41.21
25	0.41	0.61	0.78	1.20	1.84	2.82	3.55	4.66	6.84	8.50	42.81
40	0.44	0.66	0.85	1.30	2.01	3.08	3.87	5.07	7.45	9.26	46.09
50	0.46	0.69	0.88	1.35	2.08	3.19	4.01	5.27	7.73	9.61	47.62
100	0.51	0.76	0.98	1.51	2.32	3.55	4.47	5.86	8.60	10.69	52.24
200	0.56	0.84	1.08	1.66	2.55	3.90	4.91	6.44	9.45	11.75	56.73
1000	0.68	1.01	1.30	1.99	3.06	4.70	5.90	7.75	11.37	14.14	66.76
10000	0.83	1.25	1.60	2.46	3.78	5.79	7.28	9.55	14.03	17.44	80.49
RMP	1.68	2.52	3.22	4.96	7.62	11.69	14.70	19.28	28.30	35.19	167.55
MEAN	0.200	0.299	0.383	0.590	0.906	1.390	1.747	2.292	3.366	4.184	23.142
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.704	0.359	0.856	0.827	1.026	1.615	1.480	1.359	0.818	0.809	0.889
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.390 ; INTERCEPT (TIME=1 HOUR) =0.901 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.03894 ; AVERAGE CALC CV / USED CV = 0.69

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	4.054	2.782	3.253	3.370	3.581	6.196	6.157	5.543	2.786	3.048	3.810
N	35	35	36	36	36	36	36	36	36	36	36
RECORD YEAR	1966	1941	1941	1968	1969	1969	1969	1969	1943	1943	1941
RECORD MAXIMUM	0.380	0.500	0.700	1.100	1.700	3.040	3.870	5.180	6.920	9.850	51.430
NORMILIZED MAX	2.760	2.090	2.366	2.503	2.569	3.422	3.498	3.396	2.269	2.638	2.911
CALC. COEF. VAR	0.326	0.321	0.349	0.346	0.341	0.347	0.347	0.371	0.465	0.513	0.420
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0086	0.0129	0.0166	0.0255	0.0392	0.0601	0.0755	0.0991	0.1454	0.1808	1.0000
RP10/A	0.0144	0.0215	0.0275	0.0424	0.0651	0.0998	0.1255	0.1647	0.2417	0.3005	1.5576
RP25/A	0.0176	0.0263	0.0336	0.0518	0.0796	0.1220	0.1534	0.2012	0.2954	0.3673	1.8498
RP50/A	0.0199	0.0297	0.0381	0.0585	0.0900	0.1380	0.1735	0.2276	0.3341	0.4154	2.0575
RP100/A	0.0221	0.0330	0.0423	0.0651	0.1001	0.1535	0.1930	0.2532	0.3717	0.4621	2.2574
RP1000/A	0.0292	0.0437	0.0560	0.0861	0.1323	0.2029	0.2551	0.3347	0.4913	0.6108	2.8849
RP10000/A	0.0360	0.0539	0.0690	0.1062	0.1632	0.2503	0.3147	0.4129	0.6061	0.7535	3.4781
RMP/A	0.0727	0.1087	0.1393	0.2143	0.3294	0.5051	0.6350	0.8331	1.2230	1.5205	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMK	LATITUDE	LONGITUDE	COUNTY
U04 8967 0	TOPANGA PAT STA	6	745	1S	01S	16W	F S	34.083	118.599	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
1931	0.24	0.36	0.40	0.58	0.80	1.22	1.46	1.88	4.04	5.50	24.89
1932	0.19	0.21	0.29	0.36	0.71	0.96	1.19	1.52	2.84	3.79	28.07
1933	0.24	0.30	0.40	0.79	1.52	2.72	3.51	3.24	9.79	13.63	18.39
1934	0.20	0.32	0.46	0.78	0.90	1.04	1.11	1.46	1.70	2.10	26.74
1935	0.28	0.43	0.72	1.12	1.46	1.84	1.96	2.07	2.75	3.18	25.21
1936	0.24	0.35	0.49	0.80	1.23	1.76	1.94	2.76	3.05	3.10	22.52
1937	0.19	0.20	0.21	0.30	0.48	0.90	1.14	1.33	2.70	4.19	33.96
1938	0.28	0.54	0.62	1.02	1.43	2.07	2.74	3.61	5.81	8.04	38.74
1939	0.20	0.26	0.28	0.34	0.50	0.92	1.43	2.40	5.26	6.33	24.61
1940	0.28	0.35	0.48	0.72	1.07	1.40	2.06	2.50	3.39	3.81	23.28
1941	0.45	0.70	0.91	1.16	1.60	2.62	2.74	3.06	3.46	5.14	54.64
1942	0.18	0.22	0.23	0.27	0.42	0.70	0.91	1.30	1.49	1.70	18.19
1943	0.50	0.70	0.83	1.53	2.51	3.44	4.14	5.46	8.83	13.09	32.96
1944	0.24	0.40	0.45	0.53	0.77	1.06	1.28	1.61	2.70	3.76	28.35
1945	0.22	0.42	0.58	0.83	1.26	1.74	1.82	2.27	3.78	7.14	20.04
1946	0.18	0.29	0.40	0.66	0.90	1.20	1.52	2.12	3.07	3.25	19.89
1947	0.08	0.13	0.17	0.32	0.62	1.02	1.28	1.30	1.30	1.37	19.44
1948	0.32	0.43	0.49	0.64	0.89	1.18	1.52	1.74	1.80	1.99	10.92
1949	0.13	0.17	0.19	0.32	0.62	1.09	1.40	1.77	2.64	3.13	12.65
1950	0.22	0.26	0.30	0.46	0.65	0.96	1.25	1.62	1.99	1.99	18.36
1951	0.14	0.27	0.34	0.65	1.09	1.29	1.30	1.55	2.48	3.36	12.62
1952	0.28	0.33	0.35	0.58	0.90	1.58	2.08	3.35	3.90	4.13	45.24
1953	0.09	0.12	0.15	0.23	0.46	0.80	1.12	1.30	1.90	1.93	14.92
1954	0.36	0.49	0.55	0.73	1.20	2.30	3.17	4.22	5.53	5.76	21.36
1955	0.16	0.23	0.32	0.51	0.72	1.19	1.73	2.09	2.25	2.51	20.25
1956	0.15	0.21	0.28	0.54	0.92	1.46	1.84	2.45	5.03	6.79	24.38
1957	0.15	0.23	0.29	0.57	0.97	1.67	2.35	2.80	3.08	3.15	17.65
1958	0.16	0.27	0.37	0.50	0.95	1.60	2.10	2.87	3.92	3.98	40.26
1959	0.17	0.32	0.36	0.39	0.55	1.04	1.49	2.25	3.05	3.22	11.67
1960	0.12	0.23	0.33	0.60	1.05	1.90	2.55	3.50	4.13	4.15	15.86
1961	0.21	0.24	0.30	0.49	0.65	0.97	1.30	1.62	2.15	2.15	8.96
1962	0.15	0.21	0.32	0.48	0.86	1.35	1.95	2.36	4.28	6.55	39.55
1963	0.20	0.32	0.37	0.54	0.77	1.37	1.87	2.77	4.23	5.03	16.35
1964	0.14	0.20	0.24	0.35	0.60	1.10	1.50	1.72	2.27	2.30	12.99
1965	0.12	0.20	0.28	0.40	0.58	0.80	1.10	1.57	1.90	2.83	19.65
1967	0.21	0.27	0.30	0.53	0.68	0.76	1.05	1.72	3.65	4.64	38.63
1968	0.11	0.20	0.27	0.53	1.01	1.45	1.80	2.94	5.32	5.32	7.15
1969	0.15	0.20	0.28	0.45	0.80	1.60	2.35	3.20	*****	9.42	48.99
1970	0.22	0.30	0.44	0.55	0.77	1.00	1.30	1.95	2.10	2.10	12.68
1971	0.20	0.30	0.32	0.48	0.75	1.38	1.75	2.97	5.45	8.17	24.00

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMK	LATITUDE	LONGITUDE	COUNTY
U04 8967 0	TOPANGA PAT STA	6	745	1S	01S	16W	F S	34.083	118.599	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
2	0.19	0.28	0.35	0.53	0.83	1.28	1.63	2.13	3.22	4.15	22.25
5	0.28	0.41	0.52	0.80	1.25	1.92	2.45	3.21	4.85	6.26	31.40
10	0.35	0.51	0.64	0.98	1.52	2.35	3.00	3.92	5.92	7.63	37.19
20	0.41	0.59	0.75	1.15	1.78	2.74	3.50	4.58	6.93	8.93	42.52
25	0.42	0.62	0.78	1.20	1.86	2.87	3.66	4.78	7.24	9.33	44.16
40	0.46	0.67	0.85	1.31	2.03	3.12	3.99	5.21	7.89	10.16	47.55
50	0.48	0.70	0.88	1.36	2.10	3.24	4.14	5.41	8.19	10.55	49.12
100	0.53	0.78	0.98	1.51	2.34	3.61	4.61	6.02	9.11	11.74	53.90
200	0.59	0.86	1.08	1.66	2.57	3.96	5.06	6.62	10.01	12.90	58.53
1000	0.71	1.03	1.30	2.00	3.09	4.77	6.09	7.96	12.04	15.52	68.88
10000	0.87	1.27	1.60	2.46	3.82	5.88	7.51	9.82	14.86	19.14	83.04
PMP	1.76	2.56	3.23	4.97	7.70	11.87	15.16	19.81	29.98	38.63	172.86
MEAN	0.209	0.304	0.384	0.591	0.915	1.411	1.802	2.355	3.564	4.593	23.875
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.487	1.518	1.454	1.575	1.930	1.590	1.456	1.266	1.680	1.670	0.963
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.392 ; INTERCEPT (TIME=1 HOUR) =0.916 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.03835 ; AVERAGE CALC CV / USED CV = 0.86

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
KURTOSIS	6.123	5.760	5.448	6.412	8.773	6.082	5.434	5.389	6.686	6.150	3.625
N	40	40	40	40	40	40	40	40	39	40	40
RECORD YEAR	1943	1941	1941	1943	1943	1943	1943	1943	1933	1933	1941
RECORD MAXIMUM	0.500	0.700	0.910	1.530	2.510	3.440	4.140	5.460	9.790	13.630	54.640
NORMILIZED MAX	3.335	3.029	3.156	3.561	4.046	3.481	3.308	3.456	3.416	3.204	2.729
CALC. COEF. VAR	0.418	0.429	0.434	0.447	0.430	0.413	0.392	0.381	0.511	0.614	0.472
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0087	0.0128	0.0161	0.0247	0.0383	0.0591	0.0755	0.0987	0.1493	0.1924	1.0000
RP10/A	0.0145	0.0212	0.0267	0.0411	0.0637	0.0983	0.1255	0.1640	0.2482	0.3198	1.5576
RP25/A	0.0178	0.0259	0.0327	0.0503	0.0779	0.1201	0.1534	0.2004	0.3032	0.3908	1.8498
RP50/A	0.0201	0.0293	0.0370	0.0568	0.0881	0.1358	0.1734	0.2267	0.3430	0.4420	2.0575
RP100/A	0.0223	0.0326	0.0411	0.0632	0.0980	0.1511	0.1930	0.2522	0.3816	0.4917	2.2574
RP1000/A	0.0295	0.0431	0.0543	0.0836	0.1296	0.1997	0.2551	0.3333	0.5044	0.6500	2.8849
RP10000/A	0.0364	0.0532	0.0670	0.1031	0.1598	0.2464	0.3147	0.4112	0.6222	0.8018	3.4781
PMP/A	0.0735	0.1073	0.1353	0.2081	0.3225	0.4971	0.6349	0.8297	1.2555	1.6179	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 115 0	ALISO CANYON EC446	2367	28	03N	16W		S	34.315	118.390	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	*****	*****	*****	*****	0.71	*****	*****	2.07	*****	3.36	50.46
1942	*****	*****	*****	*****	0.40	*****	*****	0.94	*****	1.43	11.30
1943	*****	*****	*****	*****	1.25	*****	*****	3.74	*****	9.76	40.81
1944	*****	*****	*****	*****	0.62	*****	*****	2.29	*****	4.43	26.86
1945	*****	*****	*****	*****	0.88	*****	*****	2.86	*****	5.38	23.46
1946	*****	*****	*****	*****	0.48	*****	*****	1.50	*****	2.74	23.29
1947	*****	*****	*****	*****	0.27	*****	*****	0.76	*****	1.24	7.07
1948	*****	*****	*****	*****	0.50	*****	*****	1.15	*****	1.45	9.03
1949	*****	*****	*****	*****	0.30	*****	*****	1.48	*****	2.29	15.01
1950	*****	*****	*****	*****	0.46	*****	*****	1.40	*****	2.02	14.68
1951	*****	*****	*****	*****	0.40	*****	*****	1.85	*****	3.58	21.43
1955	*****	*****	*****	*****	0.37	*****	*****	1.25	*****	2.36	18.93
1956	*****	*****	*****	*****	0.69	*****	*****	3.01	*****	7.11	20.84
1957	*****	*****	*****	*****	0.82	1.47	2.05	2.83	4.30	5.18	30.19
1958	*****	*****	*****	*****	0.73	0.92	1.25	2.12	2.38	2.76	30.31
1959	*****	*****	*****	*****	0.63	0.99	1.34	1.93	2.55	2.58	11.09
1960	*****	*****	*****	*****	0.55	1.25	1.35	1.57	2.07	2.58	18.21
1961	*****	*****	*****	*****	0.72	0.94	1.08	1.75	2.00	2.00	10.32
1962	*****	*****	*****	*****	0.92	1.15	1.18	1.77	3.19	5.69	24.85
1963	*****	*****	*****	*****	0.39	0.71	1.02	1.75	2.51	3.11	19.77
1964	*****	*****	*****	*****	0.43	0.82	1.01	1.35	1.73	2.51	16.87
1965	*****	*****	*****	*****	1.52	2.74	3.79	4.50	5.38	7.09	38.42
1966	*****	*****	*****	*****	0.59	0.96	1.26	1.86	2.56	3.84	20.59
1967	*****	*****	*****	*****	1.19	1.42	1.54	1.95	3.13	4.18	27.19
1968	*****	*****	*****	*****	0.50	0.77	1.12	1.89	3.00	3.39	12.16
1969	*****	*****	*****	*****	0.55	1.03	1.33	2.54	4.16	6.19	36.11
1970	*****	*****	*****	*****	0.53	1.00	1.30	2.17	3.23	5.30	24.00
1971	*****	*****	*****	*****	0.37	0.67	0.93	1.60	2.39	2.99	17.42
1972	*****	*****	*****	*****	0.50	0.86	1.14	1.35	1.35	1.39	5.90
1973	*****	*****	*****	*****	0.69	1.10	1.41	2.07	2.99	4.37	23.58
1974	*****	*****	*****	*****	0.39	0.57	0.80	1.17	1.79	3.70	20.85

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 115 0	ALISO CANYON EC446	2367	28	03N	16W		S	34.315	118.390	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.66	1.04	1.30	1.80	2.57	3.38	20.17
5	0.0	0.0	0.0	0.0	0.99	1.57	1.96	2.71	3.88	5.10	28.47
10	0.0	0.0	0.0	0.0	1.21	1.91	2.39	3.31	4.73	6.22	33.71
20	0.0	0.0	0.0	0.0	1.41	2.24	2.80	3.87	5.53	7.27	38.54
25	0.0	0.0	0.0	0.0	1.48	2.34	2.92	4.04	5.78	7.60	40.04
40	0.0	0.0	0.0	0.0	1.61	2.55	3.18	4.40	6.30	8.28	43.11
50	0.0	0.0	0.0	0.0	1.67	2.65	3.31	4.57	6.54	8.60	44.53
100	0.0	0.0	0.0	0.0	1.86	2.94	3.68	5.09	7.27	9.56	48.86
200	0.0	0.0	0.0	0.0	2.04	3.23	4.04	5.59	7.99	10.51	53.06
1000	0.0	0.0	0.0	0.0	2.45	3.89	4.86	6.72	9.61	12.64	62.44
10000	0.0	0.0	0.0	0.0	3.03	4.80	6.00	8.29	11.86	15.60	75.28
PMP	0.0	0.0	0.0	0.0	6.11	9.68	12.10	16.73	23.93	31.47	156.71
MEAN	0.0	0.0	0.0	0.0	0.726	1.151	1.439	1.990	2.845	3.742	21.644
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	1.361	2.641	3.182	1.426	1.032	1.165	0.863
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.373 ; INTERCEPT (TIME=1 HOUR) =0.731 ; COEFFICIENT OF DETERMINATION = 0.993
1HR INTERCEPT / MEAN YR =0.03379 ; AVERAGE CALC CV / USED CV = 0.93

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	4.998	11.749	14.284	5.859	4.565	4.682	4.140
N	0	0	0	0	31	18	18	31	18	31	31
RECORD YEAR	0	0	0	0	1965	1965	1965	1965	1965	1943	1941
RECORD MAXIMUM	0.0	0.0	0.0	0.0	1.520	2.740	3.790	4.500	5.380	9.760	50.460
NORMILIZED MAX	0.0	0.0	0.0	0.0	2.383	3.095	3.430	3.091	2.490	3.052	2.819
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.459	0.446	0.477	0.408	0.358	0.527	0.472
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0	0.0	0.0336	0.0532	0.0665	0.0919	0.1315	0.1729	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0558	0.0884	0.1105	0.1528	0.2185	0.2874	1.5576
RP25/A	0.0	0.0	0.0	0.0	0.0682	0.1081	0.1350	0.1867	0.2670	0.3512	1.8498
RP50/A	0.0	0.0	0.0	0.0	0.0771	0.1222	0.1527	0.2112	0.3020	0.3972	2.0575
RP100/A	0.0	0.0	0.0	0.0	0.0858	0.1360	0.1699	0.2349	0.3360	0.4419	2.2574
RP1000/A	0.0	0.0	0.0	0.0	0.1134	0.1797	0.2246	0.3106	0.4441	0.5841	2.8849
RP10000/A	0.0	0.0	0.0	0.0	0.1399	0.2217	0.2770	0.3831	0.5479	0.7205	3.4781
PMP/A	0.0	0.0	0.0	0.0	0.2822	0.4474	0.5590	0.7731	1.1056	1.4539	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER	SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 431	1	BAILEY DEBRIS DAM	179	1180					34.124	118.061	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILAPLE

	DURATION										
	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
YEAR											
1928	0.14	0.17	0.23	0.31	0.54	0.62	0.96	1.35	2.41	2.68	16.55
1929	0.13	0.16	0.23	0.31	0.52	0.87	1.02	1.46	2.30	3.56	19.38
1930	0.25	0.32	0.45	0.57	0.61	0.95	1.09	1.43	2.39	3.00	19.25
1931	0.16	0.26	0.36	0.58	0.83	1.07	1.30	1.74	2.52	3.31	18.74
1932	0.22	0.31	0.35	0.40	0.50	0.78	1.06	1.79	3.26	3.55	27.84
1933	0.09	0.14	0.16	0.28	0.55	0.92	1.10	1.75	3.43	5.55	18.05
1934	0.25	0.48	0.65	0.72	1.00	1.72	2.56	3.87	8.20	11.88	25.07
1935	0.25	0.43	0.48	0.67	0.92	1.49	2.03	2.47	2.94	3.26	29.37
1936	0.21	0.34	0.41	0.60	0.94	1.67	2.06	2.34	3.04	4.39	21.20
1937	0.19	0.30	0.36	0.51	0.59	0.90	1.32	1.86	2.94	3.57	36.76
1938	0.25	0.30	0.33	0.57	0.99	1.76	2.30	3.20	6.51	7.99	38.49
1939	0.11	0.19	0.25	0.49	0.93	1.42	1.61	1.81	3.52	5.70	24.37
1940	0.17	0.19	0.27	0.37	0.60	0.87	1.30	1.61	3.02	3.08	19.03
1941	0.28	0.49	0.68	1.12	1.27	1.80	2.24	2.34	2.78	4.13	50.26
1942	0.13	0.18	0.23	0.31	0.47	0.62	0.72	0.80	1.30	1.45	17.37
1943	0.88	1.12	1.40	2.00	2.70	3.16	3.31	4.53	8.43	14.30	45.74
1944	0.18	0.24	0.33	0.50	0.86	1.24	1.39	1.59	3.33	4.16	28.20
1945	0.24	0.34	0.39	0.57	1.06	1.40	1.76	2.24	3.80	5.88	21.64
1946	0.17	0.24	0.29	0.34	0.51	0.94	1.25	1.69	2.94	3.70	19.34
1947	0.12	0.18	0.23	0.31	0.47	0.61	0.81	1.13	1.30	1.75	25.12
1948	0.24	0.29	0.36	0.48	0.70	1.03	1.21	1.35	1.39	1.63	12.80
1949	0.10	0.16	0.21	0.35	0.60	0.89	1.20	1.58	2.87	3.30	15.49
1950	0.12	0.18	0.22	0.36	0.52	1.02	1.26	1.49	1.98	2.01	20.31
1951	0.17	0.22	0.30	0.50	0.74	0.85	1.13	1.47	1.94	3.69	13.30
1952	0.21	0.31	0.40	0.62	1.25	1.79	2.44	3.40	4.96	5.50	39.23
1953	0.06	0.10	0.13	0.20	0.32	0.62	0.84	0.98	1.10	1.15	15.04
1954	0.14	0.22	0.27	0.44	0.76	1.22	1.63	2.21	2.58	3.63	19.71
1955	0.20	0.20	0.28	0.43	0.68	1.20	1.44	1.49	1.54	1.65	16.63
1956	0.11	0.14	0.26	0.52	0.80	1.52	2.12	3.30	5.90	7.54	19.50
1957	0.28	0.34	0.47	0.57	0.82	1.32	1.76	2.27	2.58	2.58	16.98
1958	0.28	0.38	0.52	0.70	0.97	1.57	1.94	2.45	3.52	3.56	34.46
1959	0.61	0.63	0.67	0.78	0.92	1.29	1.75	2.50	3.30	3.37	12.49
1960	0.07	0.10	0.13	0.21	0.36	0.58	0.80	1.20	1.56	1.91	11.80
1961	0.12	0.14	0.16	0.27	0.36	0.57	0.70	0.94	1.69	1.76	7.92
1962	0.13	0.23	0.28	0.47	0.54	0.92	1.08	1.66	2.79	5.30	28.63
1963	0.09	0.14	0.19	0.37	0.65	1.40	1.90	2.80	3.88	5.15	15.95
1964	0.24	0.37	0.42	0.54	0.74	1.39	1.81	2.25	2.35	2.62	14.85
1965	0.15	0.23	0.30	0.42	0.56	0.76	1.24	1.64	2.04	2.74	22.33
1966	0.14	0.21	0.28	0.44	0.80	1.34	1.90	2.96	5.54	6.78	32.80
1967	0.21	0.25	0.34	0.46	0.65	1.07	1.45	2.17	3.34	4.70	33.54
1968	0.28	0.32	0.40	0.46	0.84	1.04	1.22	1.48	2.62	3.20	15.69
1969	0.17	0.25	0.31	0.46	0.69	1.17	1.60	2.25	3.37	5.35	52.97
1970	0.18	0.34	0.49	0.58	0.89	1.18	1.39	1.61	2.62	4.27	16.37
1971	0.15	0.20	0.22	0.32	0.43	0.72	1.06	1.40	1.86	2.18	19.72

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
005 431 1	BAILEY DEBRIS DAM	179	1180					34.124	118.061	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
2	0.18	0.25	0.32	0.46	0.69	1.05	1.36	1.80	2.83	3.75	21.82
5	0.27	0.38	0.49	0.70	1.04	1.59	2.04	2.72	4.26	5.65	30.79
10	0.34	0.47	0.56	0.85	1.26	1.94	2.50	3.32	5.20	6.89	36.47
20	0.39	0.54	0.69	0.99	1.48	2.26	2.92	3.88	6.08	8.06	41.70
25	0.41	0.57	0.72	1.04	1.54	2.37	3.05	4.06	6.36	8.42	43.31
40	0.45	0.62	0.79	1.13	1.68	2.58	3.32	4.42	6.92	9.18	46.63
50	0.46	0.64	0.82	1.17	1.75	2.68	3.45	4.59	7.19	9.53	48.18
100	0.52	0.72	0.91	1.31	1.94	2.98	3.84	5.10	8.00	10.60	52.86
200	0.57	0.79	1.00	1.43	2.14	3.27	4.22	5.61	8.79	11.65	57.40
1000	0.68	0.95	1.20	1.73	2.57	3.96	5.07	6.75	10.57	14.01	67.55
10000	0.84	1.17	1.49	2.13	3.17	4.86	6.26	8.32	13.04	17.28	81.44
PMP	1.70	2.36	3.00	4.30	6.39	9.80	12.63	16.79	26.32	34.87	169.53
MEAN	0.202	0.280	0.357	0.511	0.760	1.165	1.501	1.997	3.129	4.147	23.415
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	3.446	3.110	3.151	3.637	3.351	1.803	1.000	1.197	1.765	2.177	1.234
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.437 ; INTERCEPT (TIME=1 HOUR) =0.782 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.03339 ; AVERAGE CALC CV / USED CV = 1.07

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
KURTOSIS	17.602	16.427	16.967	20.444	19.234	9.220	4.429	4.697	6.506	9.225	4.238
N	44	44	44	44	44	44	44	44	44	44	44
RECORD YEAR	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1969
RECORD MAXIMUM	0.880	1.120	1.400	2.000	2.700	3.160	3.310	4.530	8.430	14.300	52.970
NORMILIZED MAX	4.930	4.948	5.004	5.240	5.182	4.242	3.279	3.203	3.250	3.977	2.856
CALC. COEF. VAR	0.683	0.606	0.585	0.556	0.692	0.404	0.367	0.396	0.521	0.616	0.442
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0086	0.0120	0.0152	0.0218	0.0325	0.0498	0.0641	0.0853	0.1336	0.1771	1.0000
RP10/A	0.0143	0.0199	0.0253	0.0363	0.0540	0.0827	0.1066	0.1417	0.2221	0.2944	1.5576
RP25/A	0.0175	0.0243	0.0309	0.0443	0.0659	0.1011	0.1302	0.1732	0.2714	0.3597	1.8498
RP50/A	0.0198	0.0275	0.0350	0.0501	0.0746	0.1143	0.1473	0.1959	0.3070	0.4069	2.0575
RP100/A	0.0220	0.0306	0.0389	0.0556	0.0830	0.1272	0.1639	0.2179	0.3415	0.4526	2.2574
RP1000/A	0.0291	0.0404	0.0515	0.0737	0.1097	0.1681	0.2166	0.2881	0.4515	0.5983	2.8849
RP10000/A	0.0359	0.0499	0.0635	0.0909	0.1353	0.2074	0.2672	0.3554	0.5570	0.7381	3.4781
PMP/A	0.0724	0.1006	0.1281	0.1835	0.2730	0.4185	0.5392	0.7171	1.1239	1.4894	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
005	619 0	BEL AIR HOTEL	10	540	15	01S	15W	D S	34.086	118.445	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
YEAR											
1929	0.16	0.23	0.28	0.35	0.51	0.83	0.96	1.40	1.96	2.20	14.90
1930	0.13	0.19	0.25	0.31	0.42	0.63	0.84	1.26	1.44	2.07	12.05
1931	0.35	0.54	0.64	0.90	1.50	1.87	1.95	2.01	2.64	4.22	16.86
1932	0.15	0.20	0.27	0.46	0.61	0.75	0.84	1.26	2.29	3.22	21.20
1933	0.21	0.41	0.46	0.62	0.85	1.49	2.10	3.39	6.24	9.96	15.20
1934	0.22	0.30	0.31	0.38	0.52	0.75	0.76	1.16	1.74	2.54	19.59
1935	0.14	0.24	0.33	0.55	0.88	1.08	1.70	2.34	2.90	3.36	24.04
1936	0.19	0.21	0.28	0.46	0.71	1.01	1.12	1.59	1.76	2.39	16.32
1937	0.12	0.20	0.26	0.45	0.64	1.01	1.57	1.86	2.71	3.64	27.51
1938	0.32	0.40	0.50	0.70	0.98	1.79	2.29	3.19	5.21	6.45	32.30
1939	0.14	0.20	0.23	0.45	0.59	0.91	1.11	2.12	4.40	5.03	20.66
1940	0.19	0.34	0.47	0.94	1.08	1.40	1.50	2.19	2.78	3.49	18.32
1941	0.24	0.31	0.42	0.59	0.89	1.11	1.27	1.54	2.06	2.66	41.22
1942	0.15	0.18	0.22	0.25	0.36	0.61	0.71	0.87	1.64	1.86	14.51
1943	0.17	0.24	0.29	0.48	0.86	1.41	1.72	2.24	4.72	7.38	23.20
1944	0.34	0.40	0.50	0.75	0.91	1.09	1.27	1.43	2.41	4.26	21.91
1945	0.31	0.37	0.39	0.50	0.62	0.84	1.05	1.45	2.40	3.90	18.70
1946	0.18	0.33	0.37	0.49	0.60	1.04	1.46	1.76	1.93	3.02	14.78
1947	0.14	0.16	0.20	0.28	0.37	0.58	0.65	0.87	0.90	1.21	16.43
1948	0.20	0.25	0.28	0.40	0.61	0.85	1.07	1.18	1.34	1.72	7.73
1949	0.08	0.14	0.17	0.24	0.35	0.60	0.74	1.24	2.14	2.14	10.56
1950	0.14	0.19	0.22	0.30	0.39	0.61	0.86	1.20	1.75	1.82	14.24
1951	0.12	0.15	0.18	0.32	0.56	0.68	0.91	1.41	2.26	3.17	9.75
1952	0.43	0.63	0.78	1.13	1.43	1.67	1.85	2.29	4.32	6.04	33.55
1953	0.11	0.18	0.23	0.39	0.53	0.84	0.92	1.11	1.40	1.42	12.44
1954	0.23	0.28	0.34	0.64	1.17	2.01	2.73	3.80	4.86	5.04	17.74
1955	0.22	0.30	0.34	0.37	0.48	0.68	0.94	1.22	1.44	1.49	14.05
1956	0.06	0.10	0.13	0.22	0.40	0.72	1.15	1.75	4.30	5.85	18.95
1957	0.13	0.20	0.32	0.56	0.87	1.48	1.85	2.17	2.46	2.68	13.70
1958	0.17	0.30	0.48	0.70	0.84	1.43	1.78	2.11	2.40	3.14	27.46
1959	0.26	0.27	0.28	0.34	0.57	1.03	1.33	1.90	2.42	2.40	9.60
1960	0.15	0.22	0.30	0.56	0.97	1.51	1.79	2.03	2.43	2.46	11.30
1961	0.18	0.32	0.45	0.80	0.94	1.14	1.15	1.20	1.64	1.35	6.90
1962	0.34	0.43	0.50	0.61	0.71	1.03	1.38	1.83	3.38	6.14	27.54
1963	0.08	0.14	0.19	0.34	0.60	0.92	1.18	1.80	2.93	3.54	12.75
1964	0.09	0.17	0.22	0.38	0.58	0.93	1.13	1.30	1.80	1.80	9.49
1965	0.12	0.18	0.22	0.34	0.50	0.82	1.12	1.30	1.34	1.78	15.20
1966	0.17	0.27	0.33	0.51	0.92	1.39	1.77	2.32	3.59	4.28	21.69
1967	0.20	0.28	0.30	0.42	0.60	1.04	1.44	2.00	2.60	3.10	24.52
1968	0.20	0.38	0.48	0.82	1.41	1.81	1.90	2.29	4.24	4.92	18.26
1969	0.18	0.22	0.36	0.52	0.89	1.43	1.75	2.22	3.83	5.55	31.32
1970	0.16	0.22	0.27	0.36	0.53	0.76	1.16	1.63	1.74	2.08	9.55
1972	0.10	0.14	0.18	0.30	0.46	0.79	0.90	1.37	2.30	2.68	16.79

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 619 0	BEL AIR HOTEL	10	540	15	01S	15W	0 S	34.086	118.445	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.17	0.24	0.30	0.45	0.66	0.97	1.21	1.61	2.42	3.14	17.01
5	0.25	0.36	0.45	0.68	0.99	1.47	1.83	2.43	3.64	4.73	24.00
10	0.31	0.44	0.55	0.83	1.21	1.79	2.23	2.96	4.45	5.78	28.43
20	0.36	0.52	0.64	0.97	1.41	2.10	2.61	3.46	5.20	6.75	32.50
25	0.38	0.54	0.67	1.01	1.47	2.19	2.72	3.62	5.43	7.06	33.76
40	0.41	0.59	0.73	1.11	1.61	2.39	2.97	3.94	5.92	7.69	36.35
50	0.43	0.61	0.76	1.15	1.67	2.48	3.08	4.09	6.15	7.98	37.55
100	0.47	0.68	0.85	1.28	1.86	2.76	3.43	4.55	6.84	8.88	41.20
200	0.52	0.75	0.93	1.40	2.04	3.03	3.77	5.00	7.51	9.76	44.74
1000	0.63	0.90	1.12	1.69	2.45	3.64	4.53	6.02	9.04	11.74	52.65
10000	0.77	1.11	1.38	2.08	3.03	4.49	5.59	7.42	11.15	14.49	63.48
PMP	1.56	2.23	2.78	4.20	6.10	9.07	11.28	14.98	22.50	29.23	132.13
MEAN	0.185	0.265	0.331	0.500	0.726	1.078	1.341	1.781	2.675	3.476	18.251
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.113	1.264	1.225	1.104	1.018	0.751	0.765	1.219	1.075	1.369	0.969
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.443 ; INTERCEPT (TIME=1 HOUR) =0.728 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.03989 ; AVERAGE CALC CV / USED CV = 0.80

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	4.260	5.135	5.075	4.206	3.833	2.779	3.433	5.061	3.761	5.373	4.033
N	43	43	43	43	43	43	43	43	43	43	43
RECORD YEAR	1952	1952	1952	1952	1931	1954	1954	1954	1933	1933	1941
RECORD MAXIMUM	0.430	0.630	0.780	1.130	1.500	2.010	2.730	3.800	6.240	9.960	41.220
NORMILIZED MAX	3.020	3.323	3.377	3.082	2.674	2.402	2.936	3.187	2.934	3.492	3.040
CALC. COEF. VAR	0.437	0.414	0.402	0.409	0.399	0.360	0.353	0.356	0.454	0.534	0.414
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0102	0.0145	0.0181	0.0274	0.0398	0.0591	0.0735	0.0976	0.1466	0.1904	1.0000
RP10/A	0.0169	0.0242	0.0301	0.0455	0.0661	0.0982	0.1221	0.1622	0.2437	0.3165	1.5576
RP25/A	0.0206	0.0295	0.0368	0.0556	0.0808	0.1200	0.1493	0.1983	0.2978	0.3868	1.8498
RP50/A	0.0233	0.0334	0.0416	0.0629	0.0914	0.1357	0.1688	0.2242	0.3368	0.4375	2.0575
RP100/A	0.0260	0.0372	0.0463	0.0700	0.1016	0.1510	0.1878	0.2495	0.3747	0.4867	2.2574
RP1000/A	0.0343	0.0491	0.0612	0.0925	0.1344	0.1996	0.2483	0.3298	0.4953	0.6434	2.8849
RP10000/A	0.0423	0.0606	0.0755	0.1141	0.1657	0.2463	0.3063	0.4068	0.6109	0.7937	3.4781
PMP/A	0.0854	0.1223	0.1524	0.2302	0.3345	0.4969	0.6180	0.8209	1.2328	1.6016	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 818 0	BIRMINGTON GEN HOSP	724						34.189	118.507	LOS ANGELES

H=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1946	*****	*****	*****	*****	0.45	0.80	1.12	1.67	2.05	2.80	14.85
1947	*****	*****	*****	*****	0.68	0.97	1.05	1.06	1.10	1.19	3.84
1948	0.10	0.16	0.24	0.37	0.55	0.87	1.00	1.26	1.26	1.46	6.67
1949	*****	*****	*****	*****	0.15	0.27	0.36	0.47	0.73	1.07	5.36
1950	*****	*****	*****	*****	0.49	0.75	0.87	1.18	1.33	1.35	6.68
1951	*****	*****	*****	*****	0.22	0.42	0.62	1.09	1.45	2.08	******
1952	0.15	0.28	0.36	0.53	0.78	1.16	1.44	2.27	3.15	3.98	******
1953	0.06	0.10	0.15	0.27	0.41	0.66	0.92	1.07	1.20	1.38	4.50
1954	0.20	0.24	0.27	0.43	0.75	1.23	1.50	1.89	2.60	2.66	15.19
1955	0.09	0.17	0.25	0.32	0.45	0.80	1.15	1.50	1.75	1.78	15.13
1956	0.05	0.09	0.15	0.22	0.40	0.77	1.10	1.40	2.15	2.85	13.53
1957	0.10	0.17	0.27	0.32	0.49	0.88	1.24	2.15	2.92	3.07	20.59
1958	0.20	0.25	0.31	0.43	0.68	0.94	1.03	1.84	2.27	3.92	22.40
1959	0.15	0.24	0.36	0.71	1.01	1.77	2.40	3.66	4.73	4.73	12.65
1960	0.35	0.56	0.65	0.90	1.18	1.43	1.48	1.73	2.00	2.25	12.75
1961	0.06	0.09	0.14	0.27	0.38	0.72	0.93	1.35	1.80	1.81	6.98
1962	0.30	0.45	0.56	0.95	1.34	1.44	1.47	1.82	3.54	5.26	16.60
1963	0.12	0.16	0.20	0.28	0.49	0.92	1.19	2.07	2.43	3.19	12.60
1964	0.06	0.10	0.13	0.19	0.30	0.51	0.65	0.93	0.97	1.06	28.38
1965	0.07	0.10	0.13	0.23	0.38	0.73	0.99	1.69	2.89	5.29	26.20
1966	0.05	0.09	0.14	0.27	0.43	0.75	0.89	1.37	1.60	1.60	9.50
1967	0.12	0.16	0.23	0.32	0.49	0.76	1.09	1.80	2.67	3.65	16.75
1968	*****	*****	*****	*****	0.54	0.73	1.04	1.46	2.24	2.34	7.60
1969	*****	*****	*****	*****	0.48	0.83	1.20	2.05	3.07	3.83	27.22
1970	*****	*****	*****	*****	0.54	0.80	1.06	1.76	3.31	4.07	15.91
1971	*****	*****	*****	*****	0.35	0.62	0.92	1.66	1.73	1.84	10.04
1972	*****	*****	*****	*****	0.30	0.59	0.82	1.00	1.01	1.07	3.96
1973	*****	*****	*****	*****	0.51	0.97	1.35	2.31	2.97	3.66	16.51
1974	*****	*****	*****	*****	0.70	1.28	1.76	2.59	3.11	3.72	16.96

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 818 0	BIRMINGTON GEN HOSP	724						34.189	118.507	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.18	0.24	0.37	0.50	0.79	1.02	1.50	2.00	2.46	12.75
5	0.18	0.27	0.36	0.56	0.75	1.19	1.53	2.26	3.01	3.71	17.99
10	0.22	0.33	0.44	0.69	0.91	1.45	1.87	2.76	3.67	4.53	21.31
20	0.25	0.39	0.52	0.80	1.07	1.70	2.19	3.22	4.29	5.29	24.36
25	0.27	0.41	0.54	0.84	1.12	1.78	2.29	3.37	4.48	5.53	25.30
40	0.29	0.44	0.59	0.91	1.21	1.94	2.49	3.67	4.89	6.02	27.24
50	0.30	0.46	0.61	0.95	1.26	2.01	2.59	3.81	5.07	6.26	28.15
100	0.34	0.51	0.68	1.05	1.40	2.24	2.88	4.24	5.64	6.96	30.88
200	0.37	0.56	0.75	1.16	1.54	2.46	3.16	4.66	6.20	7.65	33.53
1000	0.44	0.68	0.90	1.39	1.85	2.96	3.80	5.60	7.46	9.20	39.46
10000	0.55	0.84	1.11	1.72	2.29	3.65	4.69	6.91	9.20	11.35	47.58
PMP	1.10	1.69	2.25	3.47	4.62	7.36	9.47	13.95	18.57	22.90	99.04
MEAN	0.131	0.201	0.267	0.412	0.549	0.875	1.126	1.659	2.208	2.723	13.680
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.420	1.719	1.499	1.500	1.467	0.908	1.208	1.070	0.543	0.415	0.500
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.410 ; INTERCEPT (TIME=1 HOUR) =0.584 ; COEFFICIENT OF DETERMINATION = 0.994
1HR INTERCEPT / MEAN YR =0.04269 ; AVERAGE CALC CV / USED CV = 1.05

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.884	6.129	5.332	4.660	5.613	4.494	6.835	6.145	3.460	2.383	2.907
N	17	17	17	17	29	29	29	29	29	29	27
RECORD YEAR	1960	1960	1960	1962	1962	1959	1959	1959	1959	1965	1964
RECORD MAXIMUM	0.350	0.560	0.650	0.950	1.340	1.770	2.400	3.660	4.730	5.290	28.380
NORMILIZED MAX	2.500	2.731	2.568	2.325	2.981	2.799	3.351	3.270	2.699	1.990	2.090
CALC. COEF. VAR	0.667	0.656	0.558	0.561	0.483	0.366	0.338	0.369	0.423	0.474	0.514
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0096	0.0147	0.0195	0.0301	0.0401	0.0640	0.0823	0.1212	0.1614	0.1990	1.0000
RP10/A	0.0159	0.0244	0.0324	0.0501	0.0667	0.1063	0.1368	0.2015	0.2683	0.3308	1.5576
RP25/A	0.0195	0.0298	0.0397	0.0612	0.0815	0.1299	0.1671	0.2463	0.3279	0.4043	1.8498
RP50/A	0.0220	0.0337	0.0449	0.0693	0.0922	0.1469	0.1890	0.2786	0.3708	0.4573	2.0575
RP100/A	0.0245	0.0375	0.0499	0.0770	0.1026	0.1634	0.2103	0.3099	0.4125	0.5087	2.2574
RP1000/A	0.0324	0.0495	0.0660	0.1018	0.1356	0.2161	0.2780	0.4096	0.5453	0.6725	2.8849
RP10000/A	0.0400	0.0611	0.0814	0.1256	0.1673	0.2665	0.3429	0.5053	0.6727	0.8295	3.4781
PMP/A	0.0806	0.1233	0.1642	0.2535	0.3375	0.5378	0.6919	1.0197	1.3574	1.6739	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
U05 1043 51	BRAND PARK	210	12S					34.18R	118.273	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1929	0.15	0.22	0.30	0.36	0.46	0.66	0.74	1.09	1.86	2.93	15.73
1930	0.12	0.19	0.25	0.42	0.68	1.05	1.36	1.82	1.83	1.91	12.48
1931	0.12	0.23	0.39	0.43	0.77	1.05	1.24	1.44	2.11	3.27	16.68
1932	0.15	0.22	0.27	0.43	0.58	0.85	1.16	1.57	2.23	2.98	22.11
1933	0.13	0.21	0.27	0.40	0.53	0.85	1.21	1.80	3.17	4.36	14.89
1934	0.20	0.32	0.43	0.77	1.41	2.62	3.68	5.02	10.03	12.56	20.11
1935	0.14	0.22	0.32	0.52	0.76	0.92	1.07	1.52	2.06	2.56	24.42
1936	0.16	0.25	0.30	0.46	0.56	1.04	1.48	1.82	2.14	2.14	15.45
1937	0.40	0.56	0.62	0.63	0.65	1.23	1.84	2.22	2.47	3.11	26.62
1938	0.20	0.26	0.32	0.54	0.84	1.45	2.07	2.78	6.04	7.35	28.72
1939	0.18	0.23	0.34	0.49	0.72	0.97	1.19	1.70	3.44	4.88	22.49
1940	0.19	0.24	0.29	0.40	0.58	0.82	1.08	1.45	2.14	2.38	15.59
1941	0.21	0.36	0.42	0.73	0.77	1.10	1.46	1.79	2.53	3.84	43.86
1942	0.17	0.30	0.36	0.60	0.76	1.00	1.26	1.58	2.29	2.70	14.83
1943	0.20	0.35	0.47	0.82	1.27	2.07	2.57	3.38	5.02	8.76	27.81
1944	0.12	0.21	0.28	0.42	0.67	0.86	1.13	1.86	2.78	4.36	23.45
1945	0.21	0.24	0.32	0.42	0.66	0.95	1.12	1.35	1.86	2.58	16.99
1946	0.18	0.26	0.30	0.38	0.55	1.02	1.11	1.30	2.43	3.89	14.99
1947	0.09	0.13	0.15	0.26	0.52	0.96	1.10	1.42	2.05	3.29	17.98
1948	0.12	0.17	0.20	0.28	0.35	0.52	0.61	0.70	1.27	1.28	8.91
1949	0.06	0.09	0.11	0.19	0.35	0.62	0.73	0.79	1.13	1.27	9.64
1950	0.10	0.13	0.18	0.30	0.48	0.64	0.68	0.76	1.22	1.44	10.58
1951	0.11	0.19	0.21	0.30	0.41	0.50	0.57	0.58	0.58	0.58	8.91
1952	0.20	0.26	0.32	0.57	1.00	1.75	2.38	3.43	5.21	6.14	36.52
1953	0.20	0.27	0.35	0.55	0.83	1.15	1.45	1.71	2.17	2.32	13.47
1954	0.13	0.19	0.23	0.33	0.54	0.90	1.32	1.81	2.41	2.91	14.60
1955	0.24	0.28	0.28	0.38	0.54	0.62	0.87	1.20	1.77	2.02	14.64
1956	0.14	0.21	0.24	0.30	0.42	0.83	1.25	1.64	3.65	5.30	16.72
1957	0.19	0.38	0.50	0.83	1.20	1.57	2.00	2.25	2.40	2.75	14.21
1958	0.23	0.36	0.47	0.73	1.23	1.50	1.67	1.95	3.31	3.39	28.04
1959	0.22	0.31	0.36	0.39	0.53	0.80	1.05	1.68	2.02	2.18	9.10
1960	0.08	0.12	0.17	0.29	0.46	0.89	1.10	1.22	1.55	1.61	9.81
1961	0.17	0.29	0.35	0.43	0.62	0.78	0.83	1.08	1.56	1.80	7.39
1962	0.15	0.27	0.34	0.56	1.00	1.12	1.20	1.45	3.13	4.65	23.44
1963	0.10	0.17	0.24	0.40	0.63	1.17	1.55	2.27	3.35	3.90	11.99
1964	0.10	0.16	0.24	0.33	0.53	0.90	1.14	1.45	1.48	2.17	10.18
1965	0.18	0.35	0.52	0.70	0.80	0.92	0.96	1.17	1.41	1.73	15.91
1966	0.10	0.14	0.24	0.45	0.77	1.38	1.85	2.62	4.29	4.65	23.59
1967	0.16	0.25	0.38	0.59	0.82	1.16	1.35	1.90	3.45	4.05	22.75
1968	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	15.21
1969	0.11	0.20	0.28	0.52	0.81	1.70	2.36	3.12	5.01	5.94	32.17
1970	0.22	0.31	0.37	0.55	0.86	1.14	1.35	1.45	2.32	2.40	11.32
1971	0.28	0.43	0.55	0.75	0.85	1.05	1.55	2.38	3.25	6.25	16.94

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 1043 51	PRAND PARK	210	1250					34.1PP	118.273	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.15	0.23	0.29	0.43	0.64	0.97	1.24	1.62	2.51	3.24	16.94
5	0.22	0.34	0.44	0.66	0.97	1.46	1.87	2.45	3.78	4.88	23.90
10	0.27	0.42	0.54	0.80	1.18	1.78	2.28	2.99	4.61	5.96	28.31
20	0.32	0.49	0.63	0.93	1.38	2.09	2.67	3.49	5.39	6.97	32.37
25	0.33	0.51	0.65	0.98	1.44	2.18	2.79	3.65	5.64	7.28	33.62
40	0.36	0.55	0.71	1.06	1.57	2.37	3.04	3.98	6.14	7.93	36.20
50	0.38	0.58	0.74	1.10	1.63	2.47	3.16	4.13	6.37	8.24	37.40
100	0.42	0.64	0.82	1.23	1.81	2.74	3.51	4.60	7.09	9.16	41.03
200	0.46	0.70	0.90	1.35	1.99	3.01	3.86	5.05	7.79	10.07	44.55
1000	0.56	0.85	1.09	1.62	2.39	3.63	4.64	6.07	9.37	12.11	52.43
10000	0.69	1.04	1.34	2.00	2.95	4.47	5.72	7.49	11.56	14.94	63.21
PMP	1.38	2.11	2.71	4.04	5.96	9.03	11.55	15.12	23.33	30.15	131.59
MEAN	0.165	0.251	0.322	0.481	0.709	1.073	1.374	1.798	2.774	3.585	18.175
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.319	1.006	0.642	0.554	1.037	1.714	1.781	1.740	2.426	1.982	1.180
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.412 ; INTERCEPT (TIME=1 HOUR) =0.717 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.03947 ; AVERAGE CALC CV / USED CV = 0.74

KURTOSIS	6.963	5.301	3.626	2.727	4.090	7.213	7.744	7.717	11.400	8.573	4.683
N	42	42	42	42	42	42	42	42	42	42	43
RECORD YEAR	1937	1937	1937	1957	1934	1934	1934	1934	1934	1934	1941
RECORD MAXIMUM	0.400	0.560	0.620	0.830	1.410	2.620	3.680	5.020	10.030	12.560	43.860
NORMILIZED MAX	3.819	3.427	2.722	2.150	2.834	3.749	3.899	3.882	4.408	4.013	3.243
CALC. COEF. VAR	0.375	0.360	0.340	0.338	0.349	0.384	0.431	0.462	0.593	0.624	0.436
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0091	0.0138	0.0177	0.0265	0.0390	0.0591	0.0756	0.0989	0.1526	0.1973	1.0000
RP10/A	0.0150	0.0229	0.0295	0.0440	0.0648	0.0982	0.1256	0.1644	0.2537	0.3279	1.5576
RP25/A	0.0184	0.0280	0.0360	0.0538	0.0792	0.1200	0.1535	0.2010	0.3101	0.4007	1.8498
RP50/A	0.0208	0.0317	0.0407	0.0608	0.0896	0.1357	0.1736	0.2273	0.3507	0.4532	2.0575
RP100/A	0.0231	0.0353	0.0453	0.0676	0.0997	0.1509	0.1932	0.2528	0.3901	0.5042	2.2574
RP1000/A	0.0306	0.0466	0.0599	0.0894	0.1318	0.1995	0.2553	0.3342	0.5157	0.6665	2.8849
RP10000/A	0.0377	0.0575	0.0739	0.1103	0.1625	0.2461	0.3150	0.4123	0.6362	0.8221	3.4781
PMP/A	0.0761	0.1160	0.1491	0.2225	0.3280	0.4966	0.6356	0.8320	1.2837	1.6589	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
005 1090 11	PRIGGS TERRACE	373	2225	22	02N	13W	R S	34.238	118.225	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1934	0.21	0.30	0.47	0.76	1.23	2.18	2.89	4.14	8.27	11.98	24.09
1935	0.22	0.28	0.36	0.70	0.82	1.10	1.52	1.92	2.99	3.25	33.42
1936	0.09	0.15	0.22	0.36	0.67	1.01	1.31	1.56	2.05	3.14	20.83
1937	0.26	0.44	0.50	0.77	1.02	1.76	2.43	3.06	3.51	4.75	38.77
1938	0.19	0.29	0.41	0.62	1.12	2.01	2.86	4.21	8.24	10.02	43.27
1939	0.23	0.28	0.34	0.51	0.90	1.27	1.70	2.37	3.74	5.90	28.40
1940	0.20	0.21	0.24	0.41	0.60	1.00	1.35	1.92	3.12	3.20	22.09
1941	0.24	0.34	0.44	0.68	0.97	1.54	1.82	2.19	2.64	4.62	53.26
1942	0.20	0.30	0.40	0.64	0.85	1.18	1.35	2.10	3.16	3.44	19.26
1943	0.24	0.39	0.56	0.87	1.99	2.56	3.87	5.12	8.45	14.53	43.62
1944	0.17	0.29	0.38	0.55	0.70	1.17	1.50	2.22	4.24	6.01	32.52
1945	0.21	0.28	0.34	0.45	0.72	1.14	1.46	1.78	3.14	3.86	24.69
1946	0.14	0.21	0.35	0.53	0.79	1.19	1.82	2.39	3.94	6.17	23.39
1947	0.12	0.19	0.24	0.42	0.78	1.32	1.75	2.36	3.29	4.52	30.13
1948	0.20	0.24	0.29	0.38	0.53	0.75	0.94	1.10	1.26	1.55	11.59
1949	0.09	0.12	0.17	0.22	0.35	0.65	0.90	1.07	1.50	1.81	17.15
1950	0.10	0.17	0.21	0.36	0.70	1.14	1.37	1.74	2.87	3.37	18.84
1951	0.15	0.24	0.32	0.47	0.65	0.89	0.93	1.02	1.30	1.30	13.24
1952	0.19	0.17	0.28	0.49	0.78	1.57	2.28	3.08	4.88	5.78	46.39
1953	0.17	0.22	0.30	0.45	0.76	1.18	1.25	1.50	1.76	2.11	14.80
1954	0.17	0.25	0.28	0.36	0.66	1.01	1.46	2.21	3.52	3.95	23.19
1955	0.16	0.23	0.28	0.35	0.58	0.75	0.91	1.58	2.42	3.00	19.89
1956	0.11	0.14	0.21	0.38	0.70	1.31	1.83	3.03	5.51	7.36	23.67
1957	0.16	0.27	0.36	0.60	0.94	1.50	1.92	2.33	3.57	3.85	19.51
1958	0.17	0.27	0.32	0.45	0.63	0.95	1.17	1.85	2.95	3.85	38.19
1959	0.20	0.29	0.34	0.53	0.71	1.25	1.63	2.36	3.15	3.20	13.52
1960	0.08	0.13	0.23	0.27	0.37	0.66	0.90	1.10	1.42	1.50	11.49
1961	0.25	0.35	0.37	0.47	0.67	1.02	1.18	1.52	2.48	2.58	11.56
1962	0.13	0.20	0.26	0.35	0.57	0.98	1.25	1.98	3.38	6.10	32.50
1963	0.26	0.36	0.41	0.52	0.82	1.30	1.75	2.92	4.41	5.30	18.20
1964	0.20	0.26	0.29	0.40	0.68	1.30	1.70	2.10	2.34	2.50	16.10
1965	0.15	0.20	0.27	0.36	0.45	0.70	1.02	1.62	1.80	2.12	25.26
1966	0.15	0.26	0.36	0.48	0.85	1.60	2.25	3.45	6.54	6.85	36.95
1967	0.20	0.32	0.50	0.62	0.88	1.15	1.65	2.45	4.80	5.76	40.35
1968	0.18	0.25	0.38	0.52	0.73	1.12	1.25	1.64	2.75	4.20	21.85

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
005 1090 11	PRIGGS TERRACE	373	2225	22	02N	13W	R S	34.238	118.225	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.16	0.23	0.30	0.45	0.70	1.12	1.47	2.04	3.24	4.22	24.28
5	0.24	0.35	0.45	0.67	1.05	1.68	2.21	3.07	4.88	6.36	34.27
10	0.29	0.42	0.55	0.82	1.29	2.05	2.70	3.75	5.95	7.76	40.59
20	0.34	0.49	0.65	0.96	1.50	2.40	3.16	4.39	6.96	9.08	46.40
25	0.36	0.52	0.68	1.00	1.57	2.51	3.30	4.58	7.28	9.48	48.20
40	0.39	0.56	0.74	1.09	1.71	2.73	3.60	4.99	7.93	10.33	51.89
50	0.41	0.58	0.77	1.14	1.78	2.84	3.73	5.18	8.23	10.73	53.61
100	0.45	0.65	0.85	1.26	1.98	3.16	4.15	5.77	9.16	11.93	58.82
200	0.50	0.71	0.94	1.39	2.17	3.47	4.56	6.34	10.06	13.11	63.87
1000	0.60	0.86	1.13	1.67	2.61	4.17	5.49	7.62	12.10	15.78	75.17
10000	0.74	1.06	1.39	2.06	3.22	5.15	6.77	9.40	14.93	19.46	90.63
PMP	1.49	2.14	2.80	4.16	6.50	10.38	13.67	18.98	30.13	39.27	188.65
MEAN	0.177	0.254	0.333	0.494	0.773	1.235	1.625	2.256	3.583	4.669	26.056
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	-0.250	0.271	0.526	0.631	2.426	1.295	1.351	1.275	1.359	1.771	0.691
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.377 ; INTERCEPT (TIME=1 HOUR) =0.793 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.03043 ; AVERAGE CALC CV / USED CV = 0.64

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	2.613	3.320	3.202	3.376	12.596	5.420	5.244	5.053	4.725	6.901	2.862
N	35	35	35	35	35	35	35	35	35	35	35
RECORD YEAR	1937	1937	1943	1943	1943	1943	1943	1943	1943	1943	1941
RECORD MAXIMUM	0.260	0.440	0.560	0.870	1.990	2.560	3.570	5.120	8.450	14.530	53.260
NORMILIZED MAX	1.691	2.534	2.491	2.564	4.315	3.176	3.179	3.104	2.585	3.433	2.466
CALC. COEF. VAR	0.278	0.289	0.273	0.296	0.365	0.338	0.377	0.409	0.526	0.615	0.423
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0068	0.0097	0.0128	0.0190	0.0297	0.0474	0.0624	0.0866	0.1375	0.1792	1.0000
RP10/A	0.0113	0.0162	0.0213	0.0315	0.0493	0.0788	0.1037	0.1439	0.2285	0.2979	1.5576
RP25/A	0.0138	0.0198	0.0260	0.0385	0.0603	0.0962	0.1267	0.1759	0.2793	0.3640	1.8498
RP50/A	0.0156	0.0224	0.0294	0.0436	0.0682	0.1089	0.1433	0.1989	0.3159	0.4117	2.0575
RP100/A	0.0173	0.0249	0.0327	0.0485	0.0759	0.1211	0.1594	0.2213	0.3514	0.4580	2.2574
RP1000/A	0.0229	0.0329	0.0432	0.0641	0.1003	0.1601	0.2107	0.2926	0.4645	0.6055	2.8849
RP10000/A	0.0283	0.0406	0.0533	0.0791	0.1237	0.1975	0.2599	0.3609	0.5730	0.7469	3.4781
PMP/A	0.0571	0.0820	0.1075	0.1595	0.2496	0.3985	0.5244	0.7282	1.1563	1.5071	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. 8SN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 1194 0	BURBANK VALLEY PUMP	655	9	01N	14W	H	S	34.186	118.348	LOS ANGELES

M=MINUTES,H=HOURS,O=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.90	1.07	1.37	2.15	2.57	3.77	24.10
1941	*****	*****	*****	*****	1.13	1.29	1.77	2.20	2.58	2.91	37.52
1942	*****	*****	*****	*****	0.35	0.56	0.62	0.64	0.76	0.89	7.24
1943	*****	*****	*****	*****	0.87	1.57	2.00	3.25	5.08	7.88	28.54
1944	*****	*****	*****	*****	0.46	0.76	0.96	1.49	2.15	2.38	20.88
1945	*****	*****	*****	*****	0.50	0.75	0.93	1.21	2.08	3.12	12.01
1946	*****	*****	*****	*****	0.58	0.78	0.91	1.45	1.89	2.38	17.72
1947	*****	*****	*****	*****	0.27	0.37	0.40	0.53	0.82	0.88	3.52
1948	*****	*****	*****	*****	0.47	0.75	1.02	1.21	1.36	1.51	7.68
1949	*****	*****	*****	*****	0.26	0.43	0.49	0.69	1.07	1.21	8.14
1950	*****	*****	*****	*****	0.37	0.55	0.71	0.98	0.99	1.00	7.70
1951	*****	*****	*****	*****	0.63	0.79	0.79	0.98	1.39	2.28	13.37
1952	0.15	0.19	0.27	0.41	0.74	1.36	1.88	3.26	4.16	4.96	30.06
1953	0.05	0.09	0.13	0.19	0.33	0.48	0.70	0.97	0.99	1.04	3.86
1954	0.10	0.18	0.22	0.27	0.44	0.80	0.87	1.38	2.15	2.58	13.59
1955	0.20	0.25	0.30	0.32	0.36	0.68	0.88	1.26	1.37	1.62	12.03
1956	0.20	0.24	0.25	0.27	0.40	0.68	0.97	1.70	3.35	4.66	12.31
1957	0.20	0.23	0.47	0.58	0.74	0.79	1.07	1.58	2.22	2.39	17.00
1958	0.06	0.10	0.15	0.25	0.47	0.67	0.94	1.59	2.51	2.51	15.58
1959	0.30	0.42	0.56	0.63	0.77	1.10	1.43	2.42	2.86	2.90	10.74
1960	0.22	0.26	0.33	0.55	0.58	0.83	0.95	1.06	1.47	1.75	9.80
1961	0.20	0.28	0.33	0.47	0.61	0.68	0.80	1.19	1.42	1.53	7.44
1962	0.20	0.30	0.35	0.41	0.55	0.71	1.03	1.89	3.42	5.62	17.54
1963	0.12	0.15	0.20	0.32	0.54	0.96	1.44	2.47	2.99	3.53	13.14
1964	0.15	0.19	0.25	0.36	0.51	0.76	0.85	1.21	1.22	1.51	8.41
1965	0.12	0.22	0.32	0.42	0.81	1.54	2.28	3.71	5.07	5.39	26.29
1966	0.20	0.37	0.46	0.77	0.93	1.20	1.37	2.48	3.57	4.30	10.94
1967	0.09	0.16	0.22	0.40	0.54	0.80	0.98	1.43	2.06	3.40	20.22
1968	0.09	0.16	0.19	0.36	0.60	0.77	0.90	1.13	1.72	1.86	6.02
1969	0.09	0.16	0.20	0.33	0.64	1.00	1.35	2.25	3.50	4.27	25.10
1970	0.21	0.33	0.41	0.64	0.89	1.45	1.88	2.85	3.40	5.66	18.76
1971	0.11	0.19	0.25	0.42	0.44	0.69	0.87	1.35	1.96	2.43	9.95
1972	0.20	0.21	0.25	0.35	0.46	0.55	0.64	0.85	0.96	0.98	5.09
1973	*****	*****	*****	*****	0.64	0.96	1.25	1.65	1.70	1.70	17.65
1974	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	18.54

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 8SN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 1194 0	BURBANK VALLEY PUMP	655	9	01N	14W	H	S	34.186	118.348	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.20	0.26	0.38	0.53	0.77	0.99	1.50	2.04	2.57	13.80
5	0.21	0.30	0.40	0.57	0.79	1.17	1.49	2.26	3.08	3.88	19.48
10	0.26	0.37	0.48	0.69	0.97	1.42	1.82	2.76	3.75	4.73	23.07
20	0.30	0.43	0.57	0.81	1.13	1.67	2.13	3.23	4.39	5.53	26.38
25	0.32	0.45	0.59	0.84	1.18	1.74	2.23	3.37	4.59	5.78	27.40
40	0.34	0.49	0.64	0.92	1.29	1.90	2.43	3.67	5.00	6.30	29.50
50	0.36	0.51	0.67	0.95	1.34	1.97	2.52	3.82	5.19	6.54	30.48
100	0.40	0.57	0.74	1.06	1.49	2.19	2.80	4.24	5.77	7.28	33.44
200	0.44	0.63	0.82	1.17	1.63	2.41	3.08	4.66	6.34	8.00	36.31
1000	0.52	0.75	0.98	1.40	1.97	2.89	3.71	5.61	7.63	9.62	42.74
10000	0.65	0.93	1.21	1.73	2.42	3.57	4.57	6.92	9.41	11.87	51.52
PMP	1.31	1.87	2.45	3.49	4.89	7.21	9.23	13.97	18.99	23.94	107.25
MEAN	0.155	0.223	0.291	0.415	0.582	0.857	1.097	1.661	2.259	2.847	14.814
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.184	0.696	0.883	0.849	0.688	0.888	1.007	0.939	0.870	1.077	0.886
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.460 ; INTERCEPT (TIME=1 HOUR) =0.597 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.04027 ; AVERAGE CALC CV / USED CV = 0.76

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	2.901	3.721	3.744	3.684	3.325	3.403	3.728	3.480	3.425	4.133	3.682
N	21	21	21	21	34	34	34	34	34	34	35
RECORD YEAR	1959	1959	1959	1966	1941	1943	1965	1965	1943	1943	1941
RECORD MAXIMUM	0.300	0.420	0.560	0.770	1.130	1.570	2.280	3.710	5.080	7.880	37.520
NORMALIZED MAX	2.251	2.366	2.434	2.428	2.657	2.320	2.654	2.581	2.441	2.995	2.815
CALC. CDEF. VAR	0.414	0.374	0.380	0.352	0.355	0.359	0.406	0.478	0.512	0.590	0.544
REGN. CDEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED CDEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0105	0.0150	0.0196	0.0280	0.0393	0.0578	0.0741	0.1121	0.1525	0.1922	1.0000
RP10/A	0.0174	0.0250	0.0326	0.0466	0.0653	0.0961	0.1231	0.1863	0.2534	0.3195	1.5576
RP25/A	0.0213	0.0306	0.0399	0.0569	0.0798	0.1175	0.1504	0.2277	0.3097	0.3904	1.8498
RP50/A	0.0241	0.0346	0.0451	0.0644	0.0902	0.1329	0.1701	0.2575	0.3503	0.4415	2.0575
RP100/A	0.0268	0.0384	0.0502	0.0716	0.1004	0.1478	0.1893	0.2865	0.3897	0.4912	2.2574
RP1000/A	0.0354	0.0508	0.0664	0.0947	0.1327	0.1954	0.2502	0.3787	0.5151	0.6493	2.8849
RP10000/A	0.0437	0.0627	0.0819	0.1168	0.1637	0.2410	0.3087	0.4672	0.6354	0.8010	3.4781
PMP/A	0.0881	0.1265	0.1652	0.2357	0.3303	0.4864	0.6228	0.9427	1.2822	1.6163	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUF										
U05 1682 0	CHATSWORTH RESERVOIR 23	912	25	02N	17W		S	34.226	118.604	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1946	*****	*****	*****	*****	0.67	*****	*****	1.67	*****	2.53	******
1947	*****	*****	*****	*****	0.23	*****	*****	0.64	*****	1.00	******
1948	*****	*****	*****	*****	0.53	*****	*****	1.01	*****	1.34	7.20
1949	*****	*****	*****	*****	0.25	*****	*****	0.98	*****	1.67	8.23
1950	*****	*****	*****	*****	0.45	*****	*****	1.16	*****	1.66	8.60
1951	*****	*****	*****	*****	0.34	*****	*****	1.34	*****	2.35	******
1952	*****	*****	*****	*****	0.85	*****	*****	2.29	*****	3.90	******
1953	*****	*****	*****	*****	0.46	*****	*****	1.23	*****	1.50	5.09
1954	*****	*****	*****	*****	0.61	*****	*****	1.98	*****	2.79	13.11
1955	*****	*****	*****	*****	0.37	*****	*****	1.07	*****	1.81	13.49
1956	*****	*****	*****	*****	0.45	*****	*****	2.22	*****	5.33	12.50
1957	*****	*****	*****	*****	0.85	1.51	2.04	2.53	3.61	4.30	15.78
1958	*****	*****	*****	*****	0.57	0.76	1.01	1.83	2.67	2.79	20.14
1959	*****	*****	*****	*****	0.46	0.85	1.08	1.79	2.34	2.36	8.25
1960	*****	*****	*****	*****	0.59	0.83	1.04	1.31	1.59	1.70	11.87
1961	*****	*****	*****	*****	0.67	0.91	0.91	1.32	1.47	1.42	7.60
1962	*****	*****	*****	*****	0.55	0.80	1.04	1.65	2.82	3.78	17.12
1963	*****	*****	*****	*****	0.46	0.76	1.00	1.56	1.96	2.63	13.94
1964	*****	*****	*****	*****	0.29	0.50	0.65	0.83	0.99	1.57	9.80
1965	*****	*****	*****	*****	0.84	1.29	1.72	2.07	2.93	3.47	24.32
1966	*****	*****	*****	*****	0.65	0.73	0.93	1.77	2.78	3.40	12.03
1967	*****	*****	*****	*****	0.79	0.98	1.12	1.64	2.37	2.78	16.88
1968	*****	*****	*****	*****	0.40	0.78	1.07	2.00	3.30	3.72	8.45
1969	*****	*****	*****	*****	0.44	0.66	0.83	1.61	2.53	3.83	23.02
1970	*****	*****	*****	*****	0.52	0.80	1.04	1.89	3.39	5.31	18.51
1971	*****	*****	*****	*****	0.25	0.43	0.59	1.03	1.48	1.73	9.50
1972	*****	*****	*****	*****	0.39	0.76	0.94	1.15	1.15	1.27	4.27
1973	*****	*****	*****	*****	0.60	1.18	1.33	1.80	2.05	2.68	16.18
1974	*****	*****	*****	*****	0.95	1.33	1.59	2.11	2.59	2.90	14.52

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUF										
U05 1682 0	CHATSWORTH RESERVOIR 23	912	25	02N	17W		S	34.226	118.604	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.54	0.85	1.04	1.44	2.13	2.41	12.09
5	0.0	0.0	0.0	0.0	0.82	1.28	1.57	2.18	3.21	3.63	17.07
10	0.0	0.0	0.0	0.0	1.00	1.57	1.92	2.66	3.91	4.43	20.21
20	0.0	0.0	0.0	0.0	1.17	1.83	2.24	3.11	4.58	5.18	23.11
25	0.0	0.0	0.0	0.0	1.22	1.92	2.34	3.25	4.78	5.41	24.00
40	0.0	0.0	0.0	0.0	1.33	2.09	2.55	3.54	5.21	5.89	25.84
50	0.0	0.0	0.0	0.0	1.38	2.17	2.65	3.67	5.41	6.12	26.70
100	0.0	0.0	0.0	0.0	1.54	2.41	2.95	4.09	6.02	6.81	29.29
200	0.0	0.0	0.0	0.0	1.69	2.65	3.24	4.49	6.61	7.48	31.81
1000	0.0	0.0	0.0	0.0	2.03	3.19	3.89	5.40	7.96	9.00	37.43
10000	0.0	0.0	0.0	0.0	2.50	3.93	4.80	6.66	9.81	11.10	45.13
PMP	0.0	0.0	0.0	0.0	5.05	7.93	9.69	13.45	19.81	22.39	93.95
MEAN	0.0	0.0	0.0	0.0	0.601	0.943	1.153	1.599	2.355	2.663	12.976
CLOCK HR. COF.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	0.529	0.782	1.246	-0.003	-0.178	0.667	0.428
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.401 : INTERCEPT (TIME=1 HOUR) =0.606 : COEFFICIENT OF DETERMINATION = 0.990
1HR INTERCEPT / MEAN YR =0.04673 : AVERAGE CALC CV / USED CV = 0.68

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	2.901	3.738	5.051	2.517	2.583	3.055	2.720
N	0	0	0	0	29	18	18	29	18	29	25
RECORD YEAR	0	0	0	0	1974	1957	1957	1957	1957	1956	1965
RECORD MAXIMUM	0.0	0.0	0.0	0.0	0.950	1.510	2.040	2.530	3.610	5.330	24.320
NORMALIZED MAX	0.0	0.0	0.0	0.0	1.586	1.877	2.366	1.917	1.602	2.251	2.081
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.367	0.320	0.325	0.304	0.333	0.445	0.420
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0	0.0	0.0463	0.0727	0.0888	0.1232	0.1815	0.2052	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0769	0.1208	0.1477	0.2048	0.3017	0.3411	1.5576
RP25/A	0.0	0.0	0.0	0.0	0.0940	0.1476	0.1804	0.2503	0.3686	0.4168	1.8498
RP50/A	0.0	0.0	0.0	0.0	0.1063	0.1669	0.2041	0.2831	0.4169	0.4714	2.0575
RP100/A	0.0	0.0	0.0	0.0	0.1183	0.1857	0.2270	0.3149	0.4639	0.5245	2.2574
RP1000/A	0.0	0.0	0.0	0.0	0.1564	0.2455	0.3001	0.4163	0.6132	0.6933	2.8849
RP10000/A	0.0	0.0	0.0	0.0	0.1929	0.3028	0.3702	0.5136	0.7564	0.8553	3.4781
PMP/A	0.0	0.0	0.0	0.0	0.3893	0.6110	0.7471	1.0363	1.5263	1.7258	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (INITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
005 1682 11	CHATSWORTH PAT STA	259	1254					34.278	118.604	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1938	0.15	0.22	0.29	0.49	0.73	1.12	1.67	2.17	4.64	6.33	28.39
1939	0.30	0.40	0.51	0.83	0.98	1.18	1.46	1.93	2.74	3.66	18.36
1940	0.16	0.22	0.26	0.37	0.62	1.06	1.36	1.46	1.94	2.38	17.60
1941	0.22	0.38	0.49	0.61	0.98	1.40	1.54	1.83	2.65	3.46	42.02
1942	0.43	0.49	0.51	0.54	0.62	0.94	1.05	1.28	1.90	2.04	12.74
1943	0.24	0.30	0.43	0.66	1.10	1.86	2.48	3.08	4.46	8.41	29.76
1944	0.17	0.27	0.36	0.57	0.83	1.31	1.46	1.82	3.06	4.52	24.79
1945	0.30	0.51	0.65	1.10	1.40	1.62	1.64	1.75	2.20	2.56	17.34
1946	0.22	0.32	0.42	0.70	1.08	1.64	1.91	2.19	3.69	5.00	16.06
1947	0.22	0.26	0.31	0.42	0.61	0.77	1.03	1.65	2.23	2.84	15.49
1948	0.14	0.18	0.24	0.36	0.53	0.86	1.08	1.28	1.35	1.35	8.77
1949	0.09	0.14	0.19	0.28	0.41	0.54	0.68	0.76	1.01	1.18	10.17
1950	0.13	0.14	0.15	0.25	0.47	0.79	1.00	1.35	1.80	2.07	13.98
1951	0.06	0.11	0.14	0.26	0.44	0.71	0.74	1.02	1.16	1.29	11.18
1952	0.14	0.24	0.29	0.45	0.65	0.97	1.35	2.14	4.19	5.05	32.86
1953	0.20	0.28	0.34	0.47	0.63	1.11	1.36	1.49	1.87	2.18	14.71
1954	0.24	0.40	0.52	0.76	0.92	1.22	1.64	2.32	3.18	3.24	16.28
1955	0.12	0.20	0.24	0.32	0.39	0.70	0.91	1.25	1.78	2.08	15.71
1956	0.08	0.14	0.17	0.28	0.36	0.55	0.75	1.28	3.49	5.00	20.02
1957	0.14	0.26	0.35	0.43	0.50	0.81	1.07	1.64	2.94	3.08	14.72
1958	0.14	0.24	0.28	0.50	0.84	1.64	2.10	2.56	4.10	4.96	35.88
1959	0.18	0.26	0.28	0.36	0.52	0.85	1.03	1.49	2.15	2.17	9.12
1960	0.10	0.16	0.19	0.31	0.60	1.02	1.43	1.81	2.43	2.64	13.33
1961	0.22	0.33	0.36	0.51	0.66	0.80	0.83	1.01	1.30	1.51	7.10
1962	0.14	0.25	0.31	0.44	0.78	1.18	1.37	1.78	3.18	5.44	26.91
1963	0.11	0.18	0.22	0.37	0.55	0.83	1.03	1.46	2.26	2.68	12.25
1964	0.12	0.16	0.18	0.28	0.41	0.68	0.85	1.11	1.64	1.96	10.95
1965	0.14	0.25	0.35	0.39	0.44	0.57	0.70	0.92	1.28	1.46	18.29
1966	0.30	0.48	0.60	0.88	1.50	2.65	3.23	3.58	4.48	5.62	23.46
1967	0.14	0.20	0.27	0.43	0.57	0.86	1.35	2.07	3.53	4.14	23.84
1968	0.14	0.25	0.35	0.55	0.77	0.95	1.24	1.82	3.31	3.78	16.81
1969	0.08	0.13	0.15	0.28	0.45	0.79	1.01	1.48	3.27	4.59	27.36
1970	0.18	0.23	0.25	0.31	0.54	0.80	0.94	1.06	1.94	2.23	12.21
1971	0.13	0.25	0.32	0.53	0.78	*****	*****	*****	*****	*****	16.68

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
005 1682 11	CHATSWORTH PAT STA	259	1254					34.278	118.604	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.16	0.23	0.29	0.43	0.63	0.95	1.19	1.53	2.38	3.04	17.41
5	0.24	0.35	0.44	0.65	0.95	1.44	1.79	2.30	3.59	4.58	24.57
10	0.29	0.43	0.54	0.79	1.16	1.75	2.18	2.81	4.39	5.59	29.10
20	0.34	0.50	0.63	0.93	1.35	2.05	2.55	3.29	5.13	6.54	33.27
25	0.35	0.53	0.66	0.97	1.41	2.14	2.66	3.44	5.36	6.83	34.55
40	0.38	0.57	0.72	1.06	1.54	2.33	2.90	3.76	5.84	7.44	37.20
50	0.40	0.60	0.76	1.10	1.60	2.42	3.01	3.89	6.06	7.73	38.44
100	0.44	0.66	0.83	1.22	1.78	2.69	3.35	4.32	6.75	8.60	42.17
200	0.48	0.73	0.91	1.34	1.95	2.96	3.68	4.75	7.41	9.45	45.79
1000	0.58	0.88	1.09	1.61	2.35	3.56	4.43	5.71	8.92	11.36	53.89
10000	0.72	1.08	1.35	1.99	2.90	4.39	5.47	7.05	11.00	14.02	64.97
PMP	1.45	2.18	2.72	4.02	5.85	8.86	11.03	14.23	22.19	28.29	135.25
MEAN	0.173	0.260	0.324	0.478	0.696	1.054	1.312	1.692	2.639	3.364	18.681
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.340	0.926	0.752	1.340	1.294	1.787	1.741	1.184	0.340	0.944	1.060
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.436 ; INTERCEPT (TIME=1 HOUR) =0.706 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.03781 ; AVERAGE CALC CV / USED CV = 0.84

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	5.555	3.591	3.256	5.038	4.702	7.354	7.276	5.198	2.319	3.976	3.937
N	34	34	34	34	34	33	33	33	33	33	34
RECORD YEAR	1942	1945	1945	1945	1966	1966	1966	1966	1938	1943	1941
RECORD MAXIMUM	0.430	0.510	0.650	1.100	1.500	2.650	3.230	3.580	4.640	8.410	42.020
NORMALIZED MAX	3.322	2.410	2.497	3.155	2.904	3.626	3.565	3.110	1.910	2.969	2.829
CALC. COEF. VAR	0.449	0.400	0.604	0.413	0.398	0.418	0.410	0.359	0.397	0.505	0.442
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0092	0.0139	0.0173	0.0256	0.0373	0.0564	0.0702	0.0905	0.1413	0.1801	1.0000
RP10/A	0.0154	0.0231	0.0288	0.0425	0.0619	0.0938	0.1167	0.1505	0.2348	0.2993	1.5576
RP25/A	0.0188	0.0282	0.0352	0.0520	0.0757	0.1146	0.1426	0.1839	0.2870	0.3658	1.8498
RP50/A	0.0212	0.0319	0.0398	0.0588	0.0856	0.1296	0.1613	0.2080	0.3246	0.4137	2.0575
RP100/A	0.0236	0.0355	0.0443	0.0654	0.0952	0.1442	0.1795	0.2314	0.3611	0.4602	2.2574
RP1000/A	0.0312	0.0470	0.0585	0.0864	0.1259	0.1906	0.2373	0.3059	0.4773	0.6083	2.8849
RP10000/A	0.0385	0.0579	0.0722	0.1066	0.1553	0.2351	0.2927	0.3774	0.5888	0.7505	3.4781
PMP/A	0.0777	0.1169	0.1457	0.2152	0.3133	0.4745	0.5906	0.7615	1.1881	1.5143	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
005 179P 11	CLEAR CREEK SCHOOL	47						34.278	118.171	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1929	0.14	0.27	0.34	0.62	0.80	1.09	1.23	1.72	3.10	3.62	21.01
1930	0.28	0.34	0.51	0.74	0.93	1.03	1.24	1.65	2.92	4.27	21.29
1931	0.18	0.31	0.37	0.64	1.05	1.57	1.65	2.06	3.20	3.51	24.80
1932	0.18	0.18	0.20	0.30	0.54	0.97	1.21	1.77	2.68	3.86	32.95
1933	0.14	0.27	0.38	0.60	1.08	2.07	2.58	3.59	7.31	10.06	27.57
1934	0.21	0.38	0.43	0.62	0.92	1.51	2.15	3.25	5.57	9.08	24.16
1935	0.29	0.41	0.49	0.66	1.27	1.48	2.04	2.72	4.26	4.29	38.95
1936	0.28	0.40	0.55	0.79	1.11	1.78	2.64	3.48	4.27	5.75	26.80
1937	0.20	0.28	0.34	0.44	0.67	1.25	1.67	2.32	3.42	4.62	48.94
1938	0.54	0.62	0.67	1.13	1.87	2.85	4.34	7.00	11.77	13.99	51.15
1939	0.20	0.30	0.36	0.47	0.87	1.46	1.72	2.29	3.92	5.73	31.84
1940	0.59	0.75	0.85	1.14	1.40	1.95	2.57	3.49	4.65	4.89	23.66
1941	0.18	0.27	0.36	0.63	0.96	1.57	1.95	2.27	3.69	5.74	61.72
1942	0.13	0.21	0.29	0.42	0.51	0.82	1.03	1.15	2.03	2.39	19.45
1943	0.24	0.39	0.54	0.88	1.36	2.60	3.45	5.46	10.43	17.87	49.42
1944	0.45	0.50	0.60	0.85	1.25	2.02	2.58	4.12	7.50	11.85	39.24
1945	0.14	0.21	0.32	0.51	0.87	1.47	2.08	2.77	4.75	7.05	25.95
1946	0.17	0.25	0.32	0.48	0.72	1.24	1.66	2.51	4.43	6.44	29.31
1947	0.08	0.14	0.16	0.30	0.50	0.85	1.06	1.28	1.31	2.15	34.59
1948	0.15	0.26	0.29	0.33	0.47	0.75	1.06	1.36	1.94	2.72	15.52
1949	0.10	0.17	0.24	0.37	0.70	1.20	1.57	2.17	3.24	4.10	20.93
1950	0.10	0.15	0.20	0.39	0.61	1.04	1.35	1.65	2.08	2.08	20.90
1951	0.10	0.17	0.21	0.36	0.59	0.97	1.28	1.97	2.38	4.11	10.53
1952	0.15	0.22	0.29	0.45	0.80	1.36	1.77	2.43	4.12	5.15	52.48
1953	0.06	0.11	0.16	0.26	0.46	0.77	1.09	1.36	1.38	1.48	15.74
1954	0.13	0.17	0.24	0.46	0.83	1.20	1.65	2.44	4.00	5.09	27.48
1957	0.14	0.19	0.24	0.35	0.64	1.18	1.64	2.15	3.97	4.15	23.06
1958	0.25	0.30	0.35	0.65	0.96	1.51	1.85	2.82	4.20	5.63	54.27
1959	0.42	0.46	0.52	0.72	0.90	1.47	1.90	2.65	4.28	5.25	16.27
1960	0.17	0.20	0.28	0.45	0.55	0.74	0.99	1.25	1.62	2.18	12.40
1961	0.34	0.42	0.55	0.72	1.10	1.76	2.00	2.26	2.65	3.57	12.95
1962	0.25	0.46	0.63	0.75	1.15	1.57	2.00	2.90	4.72	7.58	35.64
1963	0.15	0.25	0.30	0.55	1.05	1.60	2.12	3.10	6.00	7.68	19.72
1964	0.17	0.29	0.44	0.57	0.86	1.52	2.05	2.50	3.00	3.84	19.25
1965	0.14	0.20	0.26	0.43	0.70	1.30	1.70	2.42	2.45	3.15	28.39
1966	0.20	0.35	0.50	0.90	1.65	2.85	4.00	5.95	10.07	10.82	44.47
1967	0.21	0.35	0.48	0.70	0.96	1.76	2.48	3.66	5.77	7.29	54.43
1968	0.32	0.42	0.64	0.87	1.33	1.83	1.93	2.55	4.44	6.38	22.32
1969	0.25	0.40	0.45	0.80	1.20	2.00	3.25	4.24	6.90	8.95	77.04
1970	0.15	0.20	0.35	0.50	0.78	1.00	1.30	1.60	3.03	3.80	17.69
1971	0.35	0.40	0.45	0.70	1.15	1.70	2.15	3.00	4.45	8.75	27.09

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
005 179P 11	CLEAR CREEK SCHOOL	47						34.278	118.171	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.20	0.28	0.36	0.54	0.84	1.34	1.76	2.45	3.92	5.31	28.67
5	0.30	0.42	0.54	0.82	1.26	2.01	2.66	3.70	5.91	8.00	40.46
10	0.36	0.51	0.65	1.00	1.54	2.46	3.24	4.51	7.21	9.77	47.92
20	0.42	0.60	0.77	1.17	1.80	2.88	3.79	5.28	8.43	11.42	54.79
25	0.44	0.63	0.80	1.22	1.88	3.01	3.96	5.52	8.81	11.93	56.91
40	0.48	0.68	0.87	1.33	2.05	3.27	4.32	6.01	9.60	13.00	61.27
50	0.50	0.71	0.90	1.38	2.13	3.40	4.48	6.24	9.97	13.50	63.30
100	0.56	0.79	1.01	1.54	2.37	3.78	4.99	6.94	11.09	15.02	69.45
200	0.61	0.86	1.11	1.69	2.60	4.16	5.48	7.63	12.19	16.50	75.41
1000	0.74	1.04	1.33	2.04	3.13	5.00	6.59	9.17	14.66	19.85	88.76
10000	0.91	1.28	1.64	2.51	3.86	6.17	8.13	11.32	18.08	24.49	107.00
PMP	1.83	2.59	3.31	5.07	7.79	12.44	16.41	22.84	36.49	49.41	222.74
MEAN	0.218	0.308	0.394	0.602	0.926	1.480	1.951	2.715	4.339	5.876	30.765
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.521	1.151	0.725	0.573	0.755	0.927	1.346	1.617	1.516	1.561	1.120
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.382 ; INTERCEPT (TIME=1 HOUR) =0.953 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.03097 ; AVERAGE CALC CV / USED CV = 0.82

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	5.429	5.053	3.538	3.065	3.756	4.145	5.198	6.309	5.559	6.117	4.035
N	41	41	41	41	41	41	41	41	41	41	41
RECORD YEAR	1940	1940	1940	1940	1938	1938	1938	1938	1938	1943	1969
RECORD MAXIMUM	0.590	0.750	0.850	1.140	1.870	2.850	4.340	7.000	11.770	17.870	77.040
NORMILIZED MAX	3.152	3.320	2.936	2.662	2.909	2.667	3.112	3.428	3.146	3.524	3.059
CALC. COEF. VAR	0.543	0.433	0.394	0.362	0.351	0.350	0.394	0.460	0.544	0.579	0.492
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0071	0.0100	0.0128	0.0196	0.0301	0.0481	0.0634	0.0883	0.1410	0.1910	1.0000
RP10/A	0.0118	0.0166	0.0213	0.0325	0.0500	0.0799	0.1054	0.1467	0.2344	0.3175	1.5576
RP25/A	0.0144	0.0203	0.0260	0.0398	0.0611	0.0977	0.1288	0.1793	0.2865	0.3879	1.8498
RP50/A	0.0162	0.0230	0.0294	0.0450	0.0691	0.1105	0.1457	0.2028	0.3240	0.4388	2.0575
RP100/A	0.0181	0.0256	0.0327	0.0500	0.0769	0.1229	0.1621	0.2256	0.3605	0.4881	2.2574
RP1000/A	0.0239	0.0338	0.0433	0.0662	0.1017	0.1625	0.2142	0.2982	0.4765	0.6452	2.8849
RP10000/A	0.0295	0.0417	0.0534	0.0816	0.1254	0.2004	0.2643	0.3679	0.5878	0.7960	3.4781
PMP/A	0.0595	0.0841	0.1077	0.1647	0.2531	0.4044	0.5333	0.7423	1.1861	1.6062	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER CUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
U05 1883 0	COGSWELL DAM	334	2330	19	02W	10W	S	34.243	117.960	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1933	0.22	0.36	0.45	0.83	1.20	2.02	2.80	4.18	7.35	8.42	25.70
1934	0.14	0.17	0.22	0.45	0.77	1.38	1.81	2.80	6.60	11.95	27.17
1935	0.26	0.29	0.34	0.56	1.08	1.69	2.29	3.16	5.08	5.84	43.79
1936	0.13	0.21	0.26	0.40	0.79	1.12	1.64	2.35	2.91	4.02	24.07
1937	0.28	0.42	0.56	0.84	1.30	2.36	3.26	4.21	5.08	7.12	49.29
1938	0.24	0.42	0.50	0.80	1.61	2.93	3.89	6.17	11.62	14.00	55.34
1939	0.25	0.34	0.49	0.89	1.24	1.72	2.08	2.62	5.44	9.42	34.59
1940	0.14	0.21	0.32	0.43	0.72	1.19	1.66	2.43	4.38	4.58	23.02
1941	0.24	0.28	0.32	0.56	0.98	1.44	2.11	2.69	4.62	6.65	69.92
1942	0.12	0.18	0.26	0.36	0.61	0.96	1.40	2.06	3.28	3.79	20.57
1943	0.36	0.58	0.78	1.25	1.72	2.95	4.04	5.09	12.43	23.12	60.09
1944	0.18	0.24	0.33	0.59	1.00	1.96	2.78	4.05	7.77	13.88	45.73
1945	0.38	0.54	0.62	0.73	1.08	1.56	1.77	3.00	4.80	5.95	24.64
1946	0.30	0.45	0.58	0.83	1.35	2.27	2.82	4.05	6.58	9.14	34.93
1947	0.18	0.35	0.48	0.71	0.87	1.49	2.15	3.29	5.25	7.67	35.54
1948	0.16	0.22	0.28	0.45	0.82	1.34	1.87	2.66	3.19	3.46	16.43
1949	0.14	0.20	0.23	0.34	0.46	0.63	0.86	1.18	1.83	2.30	16.78
1950	0.18	0.23	0.30	0.52	0.75	1.27	1.72	2.29	3.47	4.00	21.52
1951	0.17	0.28	0.36	0.50	0.66	0.97	1.23	1.29	1.37	1.37	11.76
1952	0.15	0.26	0.37	0.67	1.10	1.86	2.63	3.55	6.12	8.06	54.99
1953	0.15	0.24	0.31	0.62	1.08	1.73	2.17	2.78	2.54	3.60	17.95
1954	0.14	0.26	0.35	0.56	0.94	1.80	2.28	2.49	3.99	4.44	27.67
1955	0.25	0.32	0.36	0.48	0.76	1.12	1.54	2.33	3.51	3.85	24.46
1956	0.14	0.18	0.19	0.25	0.43	0.78	1.23	1.97	4.44	6.02	22.96
1957	0.11	0.15	0.22	0.38	0.65	1.17	1.87	2.86	4.42	4.85	21.72
1958	0.16	0.30	0.36	0.55	0.90	1.61	2.33	3.43	4.45	6.44	55.29
1959	0.41	0.52	0.65	0.82	1.14	1.78	2.40	3.63	5.54	5.55	17.96
1960	0.10	0.15	0.17	0.28	0.49	0.83	1.13	1.61	2.45	2.54	15.79
1961	0.17	0.24	0.26	0.31	0.55	0.91	1.30	2.09	3.16	3.35	11.84
1962	0.15	0.30	0.35	0.65	0.90	1.52	2.18	3.50	7.38	11.54	46.62
1963	0.13	0.25	0.35	0.59	1.10	1.85	2.59	4.02	6.23	7.49	19.06
1964	0.17	0.22	0.30	0.40	0.77	1.40	1.92	2.60	2.77	3.59	18.01
1965	0.10	0.16	0.25	0.33	0.60	1.10	1.22	1.65	2.85	4.00	24.69
1966	0.17	0.25	0.38	0.70	1.32	2.60	3.82	5.71	11.17	12.01	48.11
1967	0.17	0.32	0.37	0.53	0.77	1.25	1.73	2.64	5.50	7.52	50.89
1968	0.50	0.63	0.73	0.75	0.81	1.20	1.48	1.92	3.70	5.25	23.75

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER CUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
U05 1883 0	COGSWELL DAM	334	2330	19	02W	10W	S	34.243	117.960	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.18	0.27	0.34	0.52	0.84	1.40	1.91	2.72	4.60	6.19	29.57
5	0.27	0.41	0.52	0.79	1.26	2.11	2.88	4.10	6.93	9.34	41.74
10	0.33	0.49	0.63	0.97	1.54	2.57	3.51	5.00	8.46	11.39	49.44
20	0.39	0.58	0.74	1.13	1.80	3.01	4.10	5.85	9.89	13.32	56.52
25	0.41	0.60	0.77	1.18	1.88	3.15	4.29	6.11	10.34	13.92	58.71
40	0.44	0.66	0.84	1.29	2.05	3.43	4.67	6.66	11.26	15.17	63.21
50	0.46	0.68	0.87	1.33	2.13	3.56	4.85	6.91	11.70	15.75	65.30
100	0.51	0.76	0.97	1.48	2.36	3.96	5.40	7.69	13.01	17.52	71.65
200	0.56	0.84	1.06	1.63	2.60	4.35	5.93	8.45	14.30	19.25	77.80
1000	0.68	1.01	1.28	1.96	3.13	5.23	7.13	10.17	17.20	23.16	91.57
10000	0.84	1.24	1.58	2.42	3.86	6.46	8.80	12.54	21.22	28.57	110.39
PMP	1.69	2.50	3.19	4.88	7.78	13.03	17.75	25.31	42.81	57.65	229.80
MEAN	0.201	0.298	0.379	0.581	0.925	1.549	2.111	3.010	5.091	6.855	31.740
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.592	1.197	1.105	0.834	0.617	0.835	0.896	0.900	1.346	1.859	0.780
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.343 ; INTERCEPT (TIME=1 HOUR) =0.969 ; COEFFICIENT OF DETERMINATION = 0.989
1HR INTERCEPT / MEAN YR =0.03053 ; AVERAGE CALC CV / USED CV = 0.78

KURTOSIS	5.496	4.037	3.881	4.438	3.395	3.671	3.749	3.941	5.037	7.953	2.659
N	36	36	36	36	36	36	36	36	36	36	36
RECORD YEAR	1968	1968	1943	1943	1943	1943	1943	1938	1943	1943	1941
RECORD MAXIMUM	0.500	0.630	0.780	1.250	1.720	2.950	4.040	6.170	12.430	23.120	69.920
NORMILIZED MAX	3.232	2.707	2.678	3.162	2.584	2.475	2.484	2.736	2.848	3.815	2.447
CALC. COEF. VAR	0.460	0.412	0.395	0.364	0.332	0.366	0.368	0.384	0.506	0.622	0.492
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0063	0.0094	0.0119	0.0183	0.0292	0.0488	0.0665	0.0948	0.1604	0.2160	1.0000
RP10/A	0.0105	0.0156	0.0199	0.0304	0.0485	0.0811	0.1106	0.1576	0.2666	0.3590	1.5576
RP25/A	0.0129	0.0191	0.0243	0.0372	0.0592	0.0991	0.1351	0.1926	0.3258	0.4387	1.8498
RP50/A	0.0146	0.0216	0.0274	0.0420	0.0670	0.1121	0.1528	0.2178	0.3685	0.4962	2.0575
RP100/A	0.0162	0.0240	0.0305	0.0468	0.0745	0.1247	0.1700	0.2424	0.4099	0.5520	2.2574
RP1000/A	0.0214	0.0317	0.0404	0.0618	0.0985	0.1649	0.2247	0.3204	0.5419	0.7297	2.8849
RP10000/A	0.0264	0.0391	0.0498	0.0763	0.1215	0.2034	0.2772	0.3952	0.6685	0.9002	3.4781
PMP/A	0.0533	0.0789	0.1005	0.1539	0.2452	0.4104	0.5594	0.7975	1.3489	1.8164	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
005 1896 0	COLBYS	52	3675	35	03N	12W	S	34.200	118.111	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1927	0.16	0.25	0.34	0.53	0.84	1.34	1.86	2.88	5.80	8.70	32.16
1928	0.18	0.30	0.33	0.52	0.94	1.67	2.22	3.02	5.00	5.77	14.60
1929	0.13	0.21	0.31	0.47	0.63	0.94	1.10	1.47	2.30	2.79	17.60
1930	0.24	0.35	0.44	0.67	0.99	1.38	1.67	2.12	3.24	3.70	19.03
1931	0.11	0.13	0.18	0.25	0.47	0.72	1.07	1.65	2.41	3.16	17.24
1932	0.11	0.16	0.22	0.34	0.54	0.91	1.35	1.82	3.21	5.17	30.78
1933	0.24	0.32	0.34	0.47	0.78	1.22	1.76	2.73	5.68	9.38	16.72
1934	0.20	0.30	0.34	0.56	0.97	1.72	2.16	2.62	4.54	5.47	20.71
1935	0.22	0.31	0.49	0.75	1.02	1.19	1.34	1.62	3.28	3.51	36.51
1936	0.15	0.23	0.32	0.56	0.81	1.50	1.81	2.60	3.39	5.18	18.46
1937	0.11	0.18	0.24	0.34	0.54	0.86	1.22	1.53	2.48	4.32	39.48
1938	0.26	0.31	0.40	0.74	1.33	2.54	3.82	5.85	9.53	11.56	44.31
1939	0.30	0.45	0.53	0.75	0.92	1.00	1.35	1.73	3.60	5.86	27.98
1940	0.17	0.33	0.41	0.64	0.97	1.48	1.96	2.56	3.63	3.83	18.85
1941	0.21	0.35	0.47	0.60	0.90	1.26	1.58	2.40	3.20	5.50	55.61
1942	0.20	0.21	0.35	0.59	0.82	1.33	1.69	1.76	2.08	2.24	20.08
1943	0.40	0.64	0.72	1.08	1.60	2.98	4.29	6.80	12.68	20.23	49.73
1944	0.36	0.42	0.56	0.84	1.24	2.01	2.70	3.82	7.90	13.20	41.42
1945	0.28	0.38	0.50	0.62	1.08	1.72	2.54	3.42	5.00	7.16	78.23
1946	0.16	0.27	0.31	0.41	0.63	1.03	1.40	2.07	3.15	5.85	26.83
1947	0.14	0.20	0.24	0.34	0.39	0.44	0.65	1.20	1.70	2.28	27.91
1948	0.10	0.16	0.20	0.30	0.56	1.05	1.48	2.16	2.16	2.91	14.23
1949	0.08	0.13	0.17	0.28	0.45	0.90	1.15	1.68	2.43	3.07	13.45
1950	0.12	0.17	0.25	0.32	0.49	0.80	1.12	1.55	1.94	2.46	18.70
1951	0.11	0.22	0.24	0.42	0.65	1.10	1.37	1.90	2.30	3.50	10.89
1952	0.20	0.22	0.23	0.38	0.70	1.15	1.55	2.23	3.77	4.96	46.17
1953	0.05	0.09	0.13	0.22	0.38	0.64	0.91	1.13	1.15	1.23	12.94
1954	0.14	0.17	0.22	0.37	0.67	1.19	1.49	1.87	3.01	3.93	22.80
1955	0.10	0.14	0.15	0.24	0.39	0.71	0.99	1.31	1.92	2.25	18.65
1956	0.06	0.12	0.22	0.30	0.42	0.83	1.15	1.75	3.77	5.90	18.72
1957	0.13	0.15	0.22	0.36	0.70	1.09	1.43	2.10	3.27	3.27	19.30
1958	0.12	0.20	0.25	0.43	0.78	1.43	1.83	2.60	3.60	3.97	46.96
1959	0.21	0.29	0.35	0.62	0.75	0.87	1.38	2.15	3.27	3.98	14.89
1960	0.07	0.12	0.14	0.24	0.36	0.61	0.72	0.97	1.45	1.89	11.68
1961	0.19	0.28	0.30	0.56	0.60	0.70	0.99	1.18	1.40	2.66	11.24
1962	0.10	0.17	0.22	0.37	0.65	1.12	1.56	2.27	4.68	8.05	32.86
1963	0.09	0.15	0.20	0.34	0.65	1.20	1.75	2.70	4.65	6.19	16.79
1964	0.10	0.17	0.22	0.37	0.59	0.98	1.23	1.54	2.20	2.60	15.11
1965	0.15	0.20	0.25	0.31	0.54	0.75	1.00	1.42	1.76	2.60	20.32
1966	0.14	0.24	0.32	0.58	1.05	1.95	2.85	4.45	7.78	9.33	38.97
1967	0.18	0.32	0.44	0.74	0.58	1.43	1.72	2.35	4.61	6.45	43.86
1968	0.34	0.50	0.63	0.96	1.25	2.23	3.06	3.40	5.42	6.96	21.70
1969	0.21	0.35	0.45	0.65	1.03	1.75	2.44	4.21	7.10	10.20	66.30
1970	0.25	0.30	0.35	0.55	0.70	1.22	1.30	2.05	3.63	5.00	16.89
1971	0.13	0.18	0.23	0.35	0.73	1.30	1.85	3.00	5.35	9.42	22.58

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO BSN DPDEP SUF DOS IBPA	STATION NAME	ELEV	SEC	TWP	RNG	LOT	FMM	LATITUDE	LONGITUDE	COUNTY
0	COLPYS	53	3675	3E	03N	12W	S	34.300	118.111	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.16	0.23	0.29	0.45	0.69	1.13	1.52	2.17	3.55	4.97	24.44
5	0.24	0.34	0.44	0.67	1.05	1.70	2.25	3.26	5.35	7.49	34.49
10	0.29	0.42	0.53	0.82	1.28	2.08	2.80	3.98	6.53	9.14	40.85
20	0.34	0.49	0.62	0.96	1.49	2.43	3.27	4.66	7.64	10.69	46.70
25	0.35	0.51	0.65	1.01	1.56	2.54	3.42	4.87	7.98	11.17	48.51
40	0.38	0.56	0.71	1.10	1.70	2.76	3.73	5.30	8.69	12.17	52.23
50	0.40	0.58	0.74	1.14	1.77	2.87	3.87	5.51	9.03	12.63	53.96
100	0.44	0.64	0.82	1.27	1.96	3.19	4.31	6.12	10.04	14.05	59.21
200	0.49	0.71	0.90	1.39	2.16	3.51	4.73	6.73	11.04	15.44	64.29
1000	0.59	0.85	1.08	1.67	2.60	4.22	5.69	8.10	13.28	18.58	75.66
10000	0.72	1.05	1.34	2.06	3.20	5.20	7.02	9.99	16.38	22.92	91.22
PMP	1.46	2.12	2.69	4.16	6.46	10.50	14.17	20.15	33.05	46.24	189.89
MEAN	0.173	0.252	0.320	0.495	0.769	1.249	1.685	2.396	3.929	5.499	26.227
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.503	1.226	0.996	0.871	1.123	1.306	1.656	1.954	1.847	1.998	1.139
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.363 ; INTERCEPT (TIME=1 HOUR) =0.798 ; COEFFICIENT OF DETERMINATION = 0.993
1HR INTERCEPT / MEAN YR =0.03041 ; AVERAGE CALC CV / USED CV = 0.87

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	6.453	5.234	3.888	3.699	5.278	5.370	6.369	7.799	7.627	8.746	3.793
N	45	45	45	45	45	45	45	45	45	45	45
RECORD YEAR	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1969
RECORD MAXIMUM	0.500	0.640	0.720	1.080	1.800	2.980	4.290	6.800	12.880	20.230	66.300
NORMILIZED MAX	3.739	3.474	2.992	2.949	3.526	3.370	3.487	3.769	3.902	4.146	3.016
CALC. COEF. VAR	0.504	0.443	0.417	0.401	0.381	0.411	0.443	0.488	0.584	0.646	0.507
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0066	0.0096	0.0122	0.0189	0.0293	0.0476	0.0642	0.0914	0.1498	0.2097	1.0000
RP10/A	0.0110	0.0160	0.0203	0.0314	0.0487	0.0791	0.1068	0.1519	0.2490	0.3485	1.5576
RP25/A	0.0134	0.0195	0.0248	0.0383	0.0595	0.0967	0.1305	0.1856	0.3043	0.4259	1.8498
RP50/A	0.0152	0.0221	0.0281	0.0434	0.0673	0.1094	0.1476	0.2099	0.3442	0.4817	2.0575
RP100/A	0.0169	0.0246	0.0312	0.0482	0.0749	0.1217	0.1642	0.2335	0.3829	0.5358	2.2574
RP1000/A	0.0223	0.0325	0.0413	0.0638	0.0990	0.1608	0.2171	0.3087	0.5062	0.7083	2.8849
RP10000/A	0.0275	0.0400	0.0509	0.0787	0.1221	0.1984	0.2678	0.3808	0.6244	0.8738	3.4781
PMP/A	0.0556	0.0808	0.1028	0.1588	0.2465	0.4004	0.5403	0.7684	1.2600	1.7632	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB UOF 2080 3	STATION NAME COVINA-GRIFFITH	ELEV 107	SEC	TWP 975	RNG	LOT	BMM	LATITUDE 34.070	LONGITUDE 117.816	COUNTY LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1956	0.15	0.22	0.28	0.42	0.65	1.16	1.60	2.48	4.51	6.38	15.10
1957	0.12	0.18	0.20	0.32	0.42	0.62	0.89	1.30	2.07	*****	12.57
1958	0.24	0.37	0.38	0.59	0.65	0.87	0.93	1.13	1.89	2.93	30.64
1959	0.30	0.50	0.63	0.90	1.15	1.28	1.42	2.04	2.63	2.63	7.83
1960	0.08	0.14	0.14	0.24	0.36	0.68	0.89	1.11	1.36	1.51	10.43
1961	0.14	0.22	0.31	0.48	0.73	0.71	0.75	0.75	1.03	1.16	5.76
1962	0.16	0.21	0.26	0.33	0.51	0.66	0.86	1.34	1.98	2.71	17.88
1963	0.09	0.13	0.16	0.30	0.44	0.70	1.03	1.46	2.25	3.44	12.16
1964	0.15	0.25	0.37	0.52	0.68	0.87	1.02	1.17	1.52	1.86	7.57
1965	0.24	0.40	0.60	0.79	0.89	1.10	1.39	1.59	1.81	2.19	16.11
1966	0.21	0.22	0.24	0.33	0.46	0.64	0.81	1.28	2.69	3.96	16.97
1967	0.14	0.26	0.30	0.35	0.56	1.02	1.27	1.57	2.32	2.54	23.18
1968	0.26	0.40	0.47	0.50	0.60	0.83	1.00	1.17	1.67	1.88	13.61
1969	0.15	0.23	0.29	0.35	0.51	0.79	0.94	1.46	2.05	4.79	28.59

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB UOF 2080 3	STATION NAME COVINA-GRIFFITH	ELEV 107	SEC	TWP 975	RNG	LOT	BMM	LATITUDE 34.070	LONGITUDE 117.816	COUNTY LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.16	0.24	0.30	0.42	0.55	0.76	0.95	1.28	1.98	2.64	14.54
5	0.24	0.36	0.45	0.63	0.83	1.16	1.43	1.93	2.98	3.98	20.52
10	0.29	0.44	0.55	0.76	1.01	1.39	1.75	2.36	3.64	4.86	24.30
20	0.34	0.51	0.64	0.89	1.18	1.63	2.04	2.76	4.26	5.68	27.78
25	0.35	0.53	0.67	0.93	1.23	1.70	2.13	2.88	4.45	5.93	28.86
40	0.38	0.58	0.73	1.02	1.34	1.85	2.32	3.14	4.85	6.46	31.07
50	0.40	0.60	0.76	1.06	1.40	1.92	2.41	3.26	5.03	6.71	32.10
100	0.44	0.67	0.85	1.17	1.55	2.14	2.68	3.62	5.60	7.47	35.22
200	0.49	0.74	0.93	1.29	1.71	2.35	2.95	3.98	6.15	8.20	38.24
1000	0.59	0.89	1.12	1.55	2.06	2.83	3.55	4.79	7.40	9.87	45.01
10000	0.72	1.10	1.38	1.91	2.53	3.49	4.38	5.91	9.13	12.18	54.26
PMP	1.46	2.21	2.78	3.86	5.11	7.05	8.83	11.92	18.43	24.57	112.94
MEAN	0.174	0.263	0.331	0.459	0.608	0.838	1.050	1.418	2.191	2.922	15.600
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.512	1.016	0.924	1.276	1.568	0.940	0.976	1.234	1.505	1.253	0.824
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.514 ; INTERCEPT (TIME=1 HOUR) =0.617 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.03955 ; AVERAGE CALC CV / USED CV = 0.72

KURTOSIS	2.977	4.047	3.807	4.586	6.309	3.185	3.376	5.722	6.872	5.133	3.629
N	14	14	14	14	14	14	14	14	14	13	14
RECORD YEAR	1959	1959	1959	1959	1959	1959	1956	1956	1956	1956	1958
RECORD MAXIMUM	0.300	0.500	0.630	0.900	1.150	1.280	1.600	2.480	4.510	6.380	30.640
NORMILIZED MAX	1.921	2.236	2.015	2.300	2.633	2.039	2.087	2.494	2.716	2.400	2.002
CALC. COEF. VAR	0.379	0.404	0.449	0.417	0.339	0.259	0.251	0.300	0.389	0.493	0.481
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0111	0.0168	0.0212	0.0294	0.0390	0.0537	0.0673	0.0909	0.1405	0.1873	1.0000
RP10/A	0.0185	0.0280	0.0352	0.0489	0.0648	0.0893	0.1119	0.1511	0.2335	0.3113	1.5576
RP25/A	0.0226	0.0342	0.0431	0.0598	0.0791	0.1091	0.1367	0.1846	0.2853	0.3804	1.8498
RP50/A	0.0256	0.0387	0.0487	0.0676	0.0895	0.1234	0.1546	0.2088	0.3227	0.4303	2.0575
RP100/A	0.0284	0.0431	0.0542	0.0752	0.0996	0.1373	0.1720	0.2323	0.3590	0.4786	2.2574
RP1000/A	0.0376	0.0569	0.0716	0.0995	0.1316	0.1815	0.2274	0.3071	0.4746	0.6327	2.8849
RP10000/A	0.0464	0.0702	0.0884	0.1227	0.1624	0.2238	0.2805	0.3788	0.5855	0.7805	3.4781
PMP/A	0.0936	0.1417	0.1783	0.2476	0.3277	0.4517	0.5661	0.7644	1.1814	1.5750	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
U05 219R 0	CRYSTAL LAKE	283	5370	29	03N	09W	S	34.316	117.841	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1936	0.14	0.22	0.27	0.42	0.74	1.12	1.42	2.33	3.52	5.69	26.51
1937	0.20	0.35	0.43	0.55	0.64	1.24	1.50	2.01	3.60	5.65	56.32
1938	0.52	0.59	0.70	0.85	1.49	3.25	4.60	6.79	11.46	13.80	65.72
1939	0.43	0.65	0.88	1.10	1.20	1.25	1.47	2.01	3.76	6.71	40.09
1940	0.26	0.28	0.32	0.54	0.77	1.29	1.40	2.75	5.06	5.33	27.49
1941	0.32	0.36	0.42	0.51	0.78	1.14	1.49	2.01	2.84	5.10	67.24
1942	0.18	0.30	0.40	0.52	0.71	1.16	1.32	1.77	2.54	3.10	27.53
1943	0.17	0.32	0.49	0.87	1.55	2.85	4.27	6.31	11.68	18.66	58.56
1944	0.40	0.47	0.57	0.87	1.27	2.08	2.78	3.89	8.00	14.00	51.05
1945	0.17	0.28	0.37	0.58	0.90	1.43	2.08	3.28	5.85	10.00	35.09
1946	0.18	0.24	0.26	0.39	0.69	1.25	1.70	2.75	5.08	7.20	38.48
1947	0.06	0.09	0.12	0.20	0.36	0.65	0.84	1.00	1.75	3.27	39.18
1948	0.17	0.27	0.29	0.50	0.67	0.95	1.31	1.89	3.05	3.51	21.11
1949	0.08	0.14	0.20	0.34	0.56	1.05	1.39	1.97	3.62	4.40	21.15
1950	0.12	0.14	0.18	0.39	0.60	0.80	1.23	1.81	2.37	2.93	24.88
1951	0.12	0.17	0.24	0.41	0.69	1.28	1.71	2.32	2.63	3.60	15.25
1952	0.17	0.29	0.36	0.53	0.82	1.60	2.07	2.73	4.48	5.93	54.57
1953	0.06	0.10	0.15	0.29	0.46	0.76	1.15	1.41	1.45	1.63	20.25
1954	0.20	0.31	0.34	0.43	0.71	1.08	1.47	2.08	3.48	5.45	30.42
1955	0.10	0.13	0.15	0.26	0.50	0.93	1.25	1.82	3.06	3.67	27.73
1956	0.05	0.10	0.14	0.25	0.49	0.97	1.44	2.32	4.80	7.10	25.86
1957	0.07	0.13	0.17	0.32	0.57	1.06	1.53	2.49	4.84	5.95	29.89
1958	0.27	0.37	0.49	0.71	1.29	2.30	2.95	4.10	7.27	9.80	64.88
1959	0.23	0.26	0.34	0.40	0.82	1.15	1.46	2.21	4.28	5.07	23.72
1960	0.11	0.17	0.23	0.27	0.40	0.62	0.92	1.32	2.18	2.30	17.89
1961	0.26	0.30	0.32	0.38	0.67	0.92	1.37	2.13	3.03	3.30	16.60
1962	0.13	0.15	0.20	0.33	0.55	0.90	1.38	2.00	4.26	6.43	42.06
1963	0.20	0.22	0.27	0.45	0.80	1.25	1.81	2.65	5.02	6.25	21.69
1964	0.12	0.17	0.19	0.31	0.50	0.75	1.15	1.70	2.70	3.47	19.94
1965	0.08	0.14	0.17	0.26	0.40	0.75	1.10	1.56	2.15	3.86	26.43
1966	0.20	0.34	0.44	0.70	1.33	2.57	3.60	5.70	10.58	10.69	57.46
1967	0.17	0.22	0.27	0.40	0.65	1.02	1.45	2.15	4.85	6.27	56.59
1968	0.30	0.45	0.58	0.90	1.16	1.96	2.27	3.10	5.56	7.21	26.02
1970	0.17	0.20	0.33	0.43	0.68	1.05	1.38	2.34	3.42	5.85	22.77
1971	0.11	0.21	0.25	0.47	0.92	1.66	2.36	3.11	4.77	8.27	25.71

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
U05 219R 0	CRYSTAL LAKE	283	5370	29	03N	09W	S	34.316	117.841	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.17	0.24	0.30	0.44	0.71	1.19	1.62	2.37	4.11	5.72	32.64
5	0.25	0.36	0.45	0.67	1.06	1.79	2.44	3.57	6.19	8.62	46.07
10	0.31	0.43	0.55	0.81	1.30	2.19	2.97	4.36	7.56	10.52	54.57
20	0.36	0.51	0.64	0.95	1.52	2.56	3.48	5.10	8.84	12.30	62.38
25	0.38	0.53	0.67	0.99	1.59	2.67	3.63	5.33	9.24	12.85	64.80
40	0.41	0.58	0.73	1.08	1.73	2.91	3.96	5.80	10.06	14.00	69.77
50	0.43	0.60	0.76	1.12	1.79	3.02	4.11	6.03	10.45	14.53	72.08
100	0.48	0.67	0.84	1.25	2.00	3.36	4.57	6.70	11.62	16.17	79.08
200	0.52	0.73	0.93	1.37	2.19	3.70	5.02	7.37	12.77	17.77	85.87
1000	0.63	0.88	1.11	1.65	2.64	4.45	6.04	8.86	15.37	21.37	101.07
10000	0.78	1.09	1.37	2.04	3.26	5.49	7.46	10.93	18.96	26.37	121.84
PMP	1.57	2.19	2.77	4.12	6.57	11.07	15.05	22.06	38.25	53.21	253.63
MEAN	0.186	0.261	0.329	0.489	0.781	1.317	1.789	2.623	4.548	6.327	35.032
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.340	1.179	1.375	1.151	1.201	1.652	1.978	1.967	1.626	1.668	0.790
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.363 ; INTERCEPT (TIME=1 HOUR) =0.827 ; COEFFICIENT OF DETERMINATION = 0.982
1HR INTERCEPT / MEAN YR =0.02359 ; AVERAGE CALC CV / USED CV = 0.99

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	5.118	4.703	5.448	4.000	3.988	5.516	6.719	6.858	5.561	6.396	2.446
N	35	35	35	35	35	35	35	35	35	35	35
RECORD YEAR	1938	1939	1939	1939	1938	1938	1938	1938	1943	1943	1941
RECORD MAXIMUM	0.520	0.650	0.880	1.100	1.690	3.250	4.600	6.790	11.680	18.640	67.240
NORMILIZED MAX	3.102	2.945	3.272	2.830	2.740	3.103	3.205	3.170	2.816	3.414	2.023
CALC. COEF. VAR	0.578	0.507	0.511	0.441	0.425	0.473	0.490	0.501	0.557	0.570	0.454
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0053	0.0074	0.0094	0.0140	0.0223	0.0376	0.0511	0.0749	0.1298	0.1806	1.0000
RP10/A	0.0088	0.0124	0.0156	0.0232	0.0371	0.0625	0.0849	0.1245	0.2158	0.3002	1.5576
RP25/A	0.0108	0.0151	0.0191	0.0284	0.0453	0.0763	0.1037	0.1521	0.2637	0.3668	1.8498
RP50/A	0.0122	0.0171	0.0216	0.0321	0.0512	0.0863	0.1173	0.1720	0.2983	0.4149	2.0575
RP100/A	0.0136	0.0190	0.0240	0.0357	0.0570	0.0961	0.1305	0.1914	0.3318	0.4616	2.2574
RP1000/A	0.0180	0.0252	0.0318	0.0472	0.0753	0.1270	0.1725	0.2530	0.4386	0.6101	2.8849
RP10000/A	0.0222	0.0310	0.0392	0.0582	0.0929	0.1566	0.2129	0.3121	0.5411	0.7527	3.4781
PMP/A	0.0447	0.0626	0.0791	0.1175	0.1875	0.3161	0.4295	0.6297	1.0919	1.5188	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 2779 1	EL MONTE FIRE STATION 108	275						34.058	118.041	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1939	0.14	0.23	0.26	0.38	0.58	1.05	1.65	2.27	4.12	4.35	16.84
1940	0.23	0.26	0.38	0.45	0.61	0.75	1.12	1.60	2.38	2.51	13.78
1941	0.20	0.25	0.33	0.47	0.64	0.93	1.17	1.65	2.00	3.08	37.02
1942	0.17	0.21	0.24	0.32	0.48	0.70	0.81	0.91	1.51	1.61	13.23
1943	0.25	0.40	0.42	0.43	0.55	0.93	1.15	1.95	3.97	5.65	21.49
1944	0.12	0.18	0.21	0.30	0.47	0.66	0.81	1.08	2.26	3.37	20.30
1945	0.28	0.38	0.49	0.60	0.75	0.90	1.10	1.18	1.90	2.19	13.76
1946	0.19	0.23	0.27	0.35	0.46	0.77	0.92	1.29	2.11	4.01	13.07
1947	0.16	0.24	0.30	0.38	0.55	0.65	0.80	1.00	1.54	2.52	14.91
1948	0.18	0.28	0.34	0.49	0.64	0.75	0.75	0.75	0.95	1.56	9.88
1949	0.12	0.18	0.20	0.26	0.34	0.58	0.75	0.79	1.07	1.36	10.33
1950	0.12	0.17	0.23	0.27	0.56	0.88	1.19	1.37	1.27	2.14	13.46
1951	0.09	0.11	0.17	0.21	0.31	0.53	0.79	0.86	0.91	1.01	8.64
1952	0.14	0.24	0.31	0.59	0.78	0.80	0.97	1.37	2.92	3.32	27.38
1953	0.19	0.32	0.36	0.47	0.61	0.90	1.03	1.07	1.43	1.87	11.04
1954	0.13	0.19	0.22	0.38	0.72	1.21	1.52	2.13	2.90	3.08	13.97
1955	0.32	0.38	0.46	0.60	0.64	0.76	0.86	1.14	1.57	1.58	13.92
1956	0.12	0.22	0.28	0.50	0.88	1.54	2.21	3.01	5.41	7.23	17.63
1957	0.54	0.68	0.77	0.89	0.90	0.90	1.15	1.27	2.27	2.40	14.54
1958	0.20	0.34	0.46	0.70	1.08	1.40	1.63	2.07	3.10	3.10	27.73
1959	0.39	0.56	0.70	0.85	0.86	0.94	1.06	1.33	1.62	1.62	7.56
1960	0.11	0.18	0.22	0.29	0.53	0.91	1.21	1.85	2.22	2.28	11.50
1961	0.18	0.22	0.26	0.41	0.51	0.81	0.96	1.00	1.53	1.54	5.69
1962	0.20	0.40	0.48	0.60	0.85	1.30	1.52	2.10	2.70	3.42	24.31
1963	0.22	0.30	0.35	0.49	0.71	0.96	1.12	1.61	2.24	3.23	11.49
1964	0.10	0.13	0.17	0.22	0.37	0.58	0.80	1.22	1.74	1.78	8.87
1965	0.26	0.47	0.56	0.87	0.95	1.00	1.00	1.17	1.41	1.73	15.11
1966	0.26	0.36	0.42	0.63	0.72	0.78	0.87	1.38	2.32	3.24	19.67
1967	0.12	0.23	0.34	0.54	0.96	1.50	2.02	2.53	3.36	3.54	25.19
1968	0.24	0.40	0.41	0.60	0.76	1.30	1.60	2.48	3.70	4.00	14.48
1969	0.15	0.25	0.33	0.52	0.86	1.15	1.70	1.96	2.63	3.81	27.91
1970	0.20	0.38	0.44	0.58	1.08	1.30	1.52	1.84	2.32	2.49	10.77
1971	0.20	0.34	0.40	0.43	0.50	0.66	0.96	1.30	2.34	3.70	13.19

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 2779 1	EL MONTE FIRE STATION 108	275						34.058	118.041	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.18	0.27	0.32	0.44	0.61	0.84	1.06	1.38	2.08	2.58	14.93
5	0.27	0.40	0.49	0.67	0.92	1.27	1.60	2.09	3.13	3.89	21.07
10	0.33	0.49	0.59	0.81	1.12	1.55	1.95	2.55	3.82	4.75	24.95
20	0.39	0.57	0.69	0.95	1.31	1.81	2.28	2.98	4.47	5.55	28.53
25	0.41	0.60	0.73	1.00	1.37	1.89	2.38	3.11	4.67	5.81	29.63
40	0.44	0.65	0.79	1.08	1.49	2.06	2.60	3.39	5.08	6.32	31.91
50	0.46	0.68	0.82	1.13	1.55	2.14	2.70	3.52	5.28	6.57	32.96
100	0.51	0.75	0.91	1.25	1.72	2.38	3.00	3.91	5.87	7.30	36.16
200	0.56	0.83	1.00	1.38	1.89	2.62	3.30	4.30	6.45	8.03	39.27
1000	0.68	0.99	1.21	1.66	2.27	3.15	3.96	5.17	7.76	9.66	46.22
10000	0.84	1.23	1.49	2.04	2.81	3.89	4.89	6.38	9.58	11.91	55.72
PMP	1.69	2.47	3.00	4.12	5.66	7.84	9.87	12.88	19.32	24.04	115.98
MEAN	0.201	0.294	0.357	0.490	0.673	0.933	1.173	1.531	2.298	2.858	16.020
CLOCK HR. COEF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.789	1.194	1.149	0.648	0.258	0.729	1.084	0.785	1.168	1.347	1.178
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.519 ; INTERCEPT (TIME=1 HOUR) =0.682 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.04255 ; AVERAGE CALC CV / USED CV = 0.73

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	7.670	5.069	4.811	3.450	2.637	2.970	3.797	3.263	4.932	6.012	4.413
N	33	33	33	33	33	33	33	33	33	33	33
RECORD YEAR	1957	1957	1957	1957	1958	1956	1956	1956	1956	1956	1941
RECORD MAXIMUM	0.540	0.680	0.770	0.890	1.080	1.540	2.210	3.010	5.410	7.230	37.020
NORMILIZED MAX	3.659	3.139	2.951	2.306	2.008	2.247	2.746	2.651	3.132	3.360	2.998
CALC. COEF. VAR	0.462	0.418	0.392	0.354	0.301	0.290	0.322	0.364	0.433	0.455	0.437
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0125	0.0184	0.0223	0.0306	0.0420	0.0582	0.0732	0.0956	0.1434	0.1784	1.0000
RP10/A	0.0208	0.0305	0.0370	0.0508	0.0698	0.0968	0.1217	0.1589	0.2384	0.2966	1.5576
RP25/A	0.0254	0.0373	0.0453	0.0621	0.0853	0.1183	0.1488	0.1942	0.2913	0.3624	1.8498
RP50/A	0.0288	0.0422	0.0512	0.0703	0.0965	0.1338	0.1683	0.2196	0.3295	0.4099	2.0575
RP100/A	0.0320	0.0469	0.0570	0.0782	0.1074	0.1488	0.1872	0.2443	0.3666	0.4560	2.2574
RP1000/A	0.0423	0.0621	0.0753	0.1033	0.1419	0.1967	0.2475	0.3229	0.4846	0.6028	2.8849
RP10000/A	0.0522	0.0766	0.0929	0.1275	0.1751	0.2427	0.3053	0.3984	0.5977	0.7436	3.4781
PMP/A	0.1053	0.1545	0.1874	0.2572	0.3533	0.4897	0.6160	0.8038	1.2062	1.5005	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 2801 0	EL SEREND	380	525					34.081	118.181	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1935	0.36	0.40	0.58	0.70	1.00	1.32	1.77	2.07	2.36	2.61	******
1936	0.28	0.47	0.54	0.82	1.08	1.30	1.46	1.60	1.72	2.47	14.05
1937	0.14	0.20	0.30	0.49	0.90	1.18	1.57	1.69	2.76	3.55	25.02
1938	0.33	0.42	0.51	0.58	0.88	1.48	1.88	2.91	5.18	6.63	25.98
1939	0.10	0.20	0.26	0.43	0.66	1.18	1.36	2.56	4.65	5.30	18.53
1940	0.17	0.31	0.34	0.36	0.50	0.90	1.02	1.44	1.96	2.70	14.55
1941	0.18	0.31	0.44	0.49	0.73	1.14	1.51	2.16	2.68	3.19	37.15
1942	0.20	0.35	0.41	0.54	0.72	0.91	1.19	1.74	2.44	2.55	13.89
1943	0.30	0.47	0.61	1.12	1.74	2.34	2.47	2.70	4.65	7.97	25.90
1944	0.13	0.15	0.22	0.30	0.50	0.63	0.86	1.16	2.29	3.47	20.47
1945	0.24	0.32	0.44	0.59	0.72	0.90	0.99	1.16	1.92	2.08	13.92
1946	0.19	0.29	0.34	0.36	0.40	0.70	0.90	1.31	2.38	3.86	13.79
1947	0.25	0.28	0.38	0.58	1.01	1.13	1.53	1.85	2.16	3.82	16.64
1948	0.26	0.27	0.46	0.59	0.84	1.26	1.53	1.80	1.83	1.84	9.63
1949	0.09	0.11	0.13	0.21	0.38	0.67	0.83	0.95	1.00	1.34	9.29
1950	0.12	0.15	0.20	0.27	0.44	0.64	0.76	1.02	1.80	2.20	12.23
1951	0.06	0.09	0.12	0.19	0.27	0.45	0.64	0.92	1.07	1.07	8.83
1952	0.16	0.20	0.24	0.35	0.58	0.98	1.38	2.10	3.87	4.66	32.04
1953	0.27	0.39	0.47	0.65	0.92	1.21	1.32	1.40	1.90	2.18	11.49
1954	0.15	0.19	0.28	0.44	0.77	1.36	1.74	2.46	3.13	3.28	14.51
1955	0.10	0.16	0.20	0.35	0.52	0.78	1.00	1.30	1.56	1.62	13.14
1956	0.14	0.23	0.29	0.58	0.95	1.55	1.92	3.10	4.46	6.21	18.08
1957	0.16	0.25	0.38	0.44	0.64	0.70	0.80	1.19	1.86	2.02	11.57
1958	0.22	0.36	0.53	0.69	0.95	1.22	1.33	1.44	2.56	2.54	25.91
1959	0.23	0.28	0.29	0.33	0.37	0.52	0.71	1.17	1.65	1.85	6.98
1960	0.05	0.08	0.13	0.21	0.34	0.74	0.96	1.20	1.46	1.57	9.29
1961	0.22	0.27	0.35	0.60	0.83	0.85	0.86	0.88	1.18	1.53	6.27

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 2801 0	EL SEREND	380	525					34.081	118.181	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.17	0.24	0.32	0.44	0.66	0.94	1.15	1.52	2.22	2.81	15.38
5	0.26	0.37	0.48	0.67	0.99	1.41	1.73	2.28	3.35	4.24	21.71
10	0.31	0.45	0.58	0.82	1.21	1.73	2.11	2.79	4.09	5.18	25.71
20	0.37	0.52	0.68	0.95	1.41	2.02	2.47	3.26	4.78	6.05	29.39
25	0.38	0.54	0.71	1.00	1.48	2.11	2.58	3.41	5.00	6.33	30.53
40	0.42	0.59	0.77	1.09	1.61	2.30	2.81	3.71	5.45	6.89	32.87
50	0.43	0.62	0.80	1.13	1.67	2.39	2.92	3.85	5.65	7.16	33.96
100	0.48	0.69	0.89	1.26	1.86	2.65	3.25	4.29	6.29	7.96	37.26
200	0.53	0.75	0.98	1.38	2.04	2.92	3.57	4.71	6.91	8.75	40.46
1000	0.64	0.91	1.18	1.66	2.46	3.51	4.29	5.67	8.32	10.52	47.62
10000	0.79	1.12	1.46	2.05	3.03	4.33	5.29	6.99	10.26	12.98	57.41
PMP	1.59	2.26	2.94	4.13	6.12	8.73	10.68	14.10	20.70	26.20	119.50
MEAN	0.189	0.268	0.350	0.491	0.727	1.039	1.270	1.677	2.461	3.115	16.506
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.257	0.148	0.099	0.968	1.157	1.226	0.701	0.787	1.097	1.366	1.052
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.465 ; INTERCEPT (TIME=1 HOUR) =0.715 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.04334 ; AVERAGE CALC CV / USED CV = 0.81

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	2.730	2.677	2.428	5.083	6.134	6.133	3.510	2.914	3.582	4.677	3.847
N	27	27	27	27	27	27	27	27	27	27	26
RECORD YEAR	1935	1936	1943	1943	1943	1943	1943	1956	1938	1943	1941
RECORD MAXIMUM	0.360	0.470	0.610	1.120	1.740	2.340	2.470	3.100	5.180	7.970	37.150
NORMILIZED MAX	2.118	1.865	1.860	3.040	3.268	3.267	2.677	2.239	2.361	2.817	2.623
CALC. COEF. VAR	0.428	0.404	0.400	0.421	0.426	0.384	0.353	0.379	0.468	0.553	0.477
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0114	0.0162	0.0212	0.0298	0.0441	0.0629	0.0769	0.1016	0.1491	0.1887	1.0000
RP10/A	0.0190	0.0270	0.0352	0.0495	0.0733	0.1046	0.1279	0.1689	0.2479	0.3137	1.5576
RP25/A	0.0232	0.0330	0.0430	0.0604	0.0895	0.1278	0.1563	0.2064	0.3029	0.3834	1.8498
RP50/A	0.0263	0.0373	0.0487	0.0684	0.1012	0.1445	0.1768	0.2334	0.3426	0.4336	2.0575
RP100/A	0.0292	0.0415	0.0541	0.0760	0.1126	0.1608	0.1967	0.2597	0.3811	0.4824	2.2574
RP1000/A	0.0387	0.0549	0.0716	0.1005	0.1489	0.2126	0.2600	0.3433	0.5038	0.6376	2.8849
RP10000/A	0.0477	0.0677	0.0883	0.1240	0.1837	0.2622	0.3207	0.4235	0.6215	0.7866	3.4781
PMP/A	0.0962	0.1366	0.1781	0.2502	0.3706	0.5291	0.6471	0.8545	1.2542	1.5872	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BNM	LATITUDE	LONGITUDE	COUNTY
U05 3091 0	FLINT RIDGE	280	1345					34.183	118.196	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
	DURATION										
1931	0.14	0.20	0.30	0.54	0.78	1.09	1.45	1.57	2.39	3.51	17.53
1932	0.13	0.16	0.19	0.27	0.50	0.83	1.14	1.77	2.73	3.05	23.20
1933	0.12	0.21	0.28	0.37	0.51	0.88	1.18	1.64	3.76	4.60	16.85
1934	0.38	0.41	0.58	0.84	1.36	2.47	3.25	4.68	9.34	13.24	23.64
1935	0.16	0.28	0.36	0.46	0.78	1.13	1.46	1.72	2.24	2.53	28.49
1936	0.27	0.36	0.46	0.67	1.15	1.77	2.12	2.55	3.01	3.79	17.63
1937	0.18	0.27	0.33	0.44	0.59	0.94	1.36	1.60	2.72	3.31	30.65
1938	0.31	0.36	0.43	0.62	0.91	1.58	2.11	3.01	6.34	7.91	33.04
1939	0.13	0.19	0.26	0.47	0.82	1.17	1.37	2.11	4.44	6.06	24.01
1940	0.18	0.23	0.35	0.42	0.60	0.86	1.28	1.84	2.59	3.28	17.96
1941	0.30	0.47	0.63	0.94	1.37	2.42	2.89	3.19	4.26	6.62	51.07
1942	0.14	0.20	0.27	0.47	0.57	0.62	0.69	0.81	1.31	1.49	15.13
1943	0.52	0.54	0.55	0.67	1.04	1.74	2.30	3.63	6.68	11.18	36.85
1944	0.17	0.27	0.30	0.48	0.64	0.92	1.14	1.89	3.20	4.52	25.41
1945	0.17	0.25	0.26	0.43	0.64	1.10	1.31	1.49	2.78	4.43	18.91
1946	0.17	0.28	0.36	0.66	0.98	1.37	1.69	2.25	3.27	4.67	18.68
1947	0.06	0.09	0.11	0.14	0.24	0.36	0.59	0.83	1.18	1.60	23.04
1948	0.24	0.33	0.37	0.48	0.67	0.96	1.11	1.28	1.30	1.50	10.33
1949	0.06	0.09	0.14	0.18	0.31	0.56	0.83	1.26	2.28	2.62	11.79
1950	0.09	0.17	0.21	0.34	0.52	0.94	1.16	1.32	1.72	1.82	14.48
1951	0.25	0.34	0.41	0.58	0.76	0.97	1.03	1.32	1.86	3.20	10.57
1952	0.20	0.32	0.37	0.51	0.86	1.40	2.17	3.34	5.32	6.28	41.40
1953	0.07	0.10	0.14	0.22	0.39	0.62	0.94	1.10	1.24	1.37	13.72
1954	0.20	0.30	0.35	0.46	0.57	1.03	1.21	1.79	2.54	2.78	17.60
1955	0.14	0.21	0.28	0.44	0.47	0.68	0.94	1.26	2.00	2.27	15.91
1956	0.10	0.15	0.20	0.39	0.76	1.30	1.82	2.56	4.48	6.24	20.76
1957	0.21	0.32	0.47	0.68	0.96	1.52	2.00	2.43	2.65	2.80	15.93
1958	0.22	0.35	0.45	0.60	0.93	1.38	1.58	1.88	3.14	3.20	30.89
1959	0.45	0.46	0.53	0.60	0.77	1.18	1.58	2.34	3.10	3.10	10.11
1960	0.09	0.10	0.12	0.21	0.34	0.63	0.86	1.04	1.45	1.51	10.42
1961	0.20	0.33	0.38	0.58	0.64	0.77	0.87	1.13	1.69	2.15	8.56
1962	0.12	0.19	0.22	0.37	0.55	0.77	1.20	1.78	2.91	4.70	26.37
1963	0.12	0.24	0.28	0.49	0.69	1.14	1.70	2.60	3.74	4.54	12.66
1964	0.12	0.18	0.23	0.35	0.52	0.95	1.21	1.57	1.68	1.70	11.14
1965	0.14	0.20	0.23	0.29	0.46	0.88	0.98	1.44	1.48	1.94	18.27
1966	0.14	0.22	0.27	0.40	0.67	1.12	1.38	2.40	4.33	5.70	27.25
1967	0.30	0.36	0.45	0.62	0.85	1.16	1.40	1.92	2.95	3.83	26.65
1968	0.26	0.46	0.62	0.84	1.14	1.70	1.82	2.42	3.49	4.81	17.59
1969	0.31	0.46	0.63	0.83	1.05	1.58	2.08	2.86	5.36	7.06	38.41
1970	0.31	0.38	0.38	0.39	0.43	0.57	0.83	1.22	1.78	2.30	12.23
1971	0.12	0.16	0.18	0.31	0.60	1.02	1.40	2.10	3.36	6.30	17.02

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BNM	LATITUDE	LONGITUDE	COUNTY
U05 3091 0	FLINT RIDGE	280	1345					34.183	118.196	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.18	0.25	0.31	0.44	0.65	1.02	1.31	1.78	2.82	3.74	19.59
5	0.27	0.37	0.46	0.67	0.98	1.53	1.97	2.69	4.25	5.63	27.65
10	0.32	0.45	0.56	0.81	1.19	1.87	2.41	3.28	5.19	6.87	32.75
20	0.38	0.53	0.66	0.95	1.39	2.18	2.82	3.84	6.07	8.04	37.45
25	0.40	0.55	0.69	0.99	1.46	2.28	2.94	4.01	6.35	8.40	38.90
40	0.43	0.60	0.75	1.08	1.59	2.49	3.21	4.37	6.91	9.15	41.88
50	0.45	0.63	0.78	1.12	1.65	2.58	3.33	4.54	7.18	9.50	43.26
100	0.50	0.70	0.87	1.25	1.83	2.87	3.70	5.05	7.98	10.57	47.47
200	0.55	0.77	0.95	1.37	2.01	3.16	4.07	5.54	8.77	11.61	51.55
1000	0.66	0.92	1.15	1.65	2.42	3.80	4.90	6.67	10.56	13.97	60.66
10000	0.81	1.14	1.42	2.04	2.99	4.68	6.04	8.23	13.02	17.23	73.14
PMP	1.64	2.30	2.86	4.11	6.03	9.45	12.19	16.60	26.27	34.77	152.24
MEAN	0.195	0.273	0.340	0.489	0.717	1.124	1.450	1.974	3.124	4.134	21.028
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.257	0.375	0.474	0.413	0.631	1.152	1.192	1.162	1.654	1.707	1.158
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.439 ; INTERCEPT (TIME=1 HOUR) =0.750 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.03567 ; AVERAGE CALC CV / USED CV = 0.84

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	4.839	2.677	2.738	3.171	3.297	4.893	4.847	4.951	6.837	6.833	4.460
N	41	41	41	41	41	41	41	41	41	41	41
RECORD YEAR	1943	1943	1941	1941	1941	1934	1934	1934	1934	1934	1941
RECORD MAXIMUM	0.520	0.540	0.630	0.940	1.370	2.470	3.250	4.680	9.340	13.240	51.070
NORMALIZED MAX	3.170	2.340	2.052	2.431	2.446	2.950	3.162	3.330	3.708	3.576	3.151
CALC. COEF. VAR	0.526	0.418	0.416	0.379	0.373	0.406	0.393	0.412	0.537	0.616	0.453
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0093	0.0130	0.0162	0.0233	0.0341	0.0534	0.0689	0.0939	0.1486	0.1966	1.0000
RP10/A	0.0154	0.0216	0.0269	0.0387	0.0567	0.0888	0.1146	0.1560	0.2470	0.3268	1.5576
RP25/A	0.0188	0.0264	0.0328	0.0472	0.0692	0.1086	0.1400	0.1907	0.3018	0.3994	1.8498
RP50/A	0.0213	0.0298	0.0371	0.0534	0.0783	0.1228	0.1584	0.2157	0.3413	0.4517	2.0575
RP100/A	0.0237	0.0332	0.0413	0.0594	0.0871	0.1366	0.1762	0.2399	0.3797	0.5025	2.2574
RP1000/A	0.0313	0.0439	0.0546	0.0786	0.1152	0.1806	0.2329	0.3172	0.5020	0.6643	2.8849
RP10000/A	0.0386	0.0541	0.0673	0.0969	0.1421	0.2228	0.2873	0.3913	0.6192	0.8194	3.4781
PMP/A	0.0779	0.1092	0.1359	0.1956	0.2867	0.4495	0.5797	0.7895	1.2495	1.6535	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 3663 3	GRIFFITH PARK NUR	257		850				34.122	118.284	LOS ANGELES

M=MINUTES,H=HOURS,O=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1931	0.19	0.27	0.32	0.41	0.67	0.88	1.25	1.61	1.97	2.04	13.41
1932	0.08	0.12	0.19	0.25	0.49	0.65	0.65	0.83	1.46	1.57	18.60
1933	0.10	0.18	0.27	0.29	0.50	0.86	1.13	1.55	2.50	3.33	11.76
1934	0.15	0.26	0.36	0.63	1.18	1.94	2.64	3.14	5.76	9.74	17.94
1935	0.21	0.30	0.35	0.54	0.88	1.16	1.50	1.79	2.06	2.23	21.07
1936	0.21	0.30	0.48	0.70	1.00	1.27	1.38	1.82	1.98	2.05	14.50
1937	0.26	0.28	0.30	0.37	0.47	0.80	1.05	1.40	2.38	2.93	22.00
1938	0.53	0.58	0.64	0.77	0.81	1.55	2.06	2.74	4.63	6.00	25.87
1939	0.12	0.16	0.21	0.36	0.60	1.03	1.40	2.17	4.10	4.70	18.86
1940	0.26	0.44	0.52	0.67	0.80	0.93	1.25	1.79	2.19	2.89	14.99
1941	0.22	0.39	0.41	0.47	0.66	1.00	1.47	2.07	2.74	3.25	36.96
1942	0.10	0.18	0.25	0.49	0.53	0.60	0.62	0.80	1.34	1.36	14.08
1943	0.18	0.26	0.33	0.48	0.72	1.06	1.33	1.93	3.78	5.33	21.75
1944	0.17	0.23	0.26	0.27	0.41	0.63	0.81	1.36	2.56	4.14	20.14
1945	0.13	0.26	0.30	0.41	0.51	1.00	1.30	1.64	2.64	4.04	******
1946	0.16	0.18	0.22	0.35	0.59	0.99	1.18	1.51	2.03	3.08	14.61
1947	0.13	0.20	0.21	0.23	0.30	0.43	0.53	0.59	0.68	1.01	17.45
1948	0.25	0.30	0.35	0.46	0.71	1.11	1.43	1.53	1.55	1.55	8.67
1949	0.14	0.19	0.22	0.28	0.37	0.51	0.73	1.17	2.06	2.42	10.27
1950	0.10	0.15	0.20	0.37	0.55	0.84	1.00	1.30	1.58	1.62	12.76
1951	0.13	0.17	0.21	0.35	0.54	0.72	0.79	1.07	1.77	2.73	9.48
1952	0.17	0.28	0.38	0.62	0.90	1.22	1.66	2.20	4.19	5.73	33.14
1953	0.06	0.11	0.16	0.26	0.42	0.58	0.80	0.91	1.10	1.12	11.35
1954	0.14	0.15	0.19	0.31	0.41	0.61	0.92	1.37	2.34	3.05	14.03

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 3663 3	GRIFFITH PARK NUR	257		850				34.122	118.284	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION O=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.16	0.22	0.28	0.39	0.57	0.84	1.08	1.44	2.24	2.93	16.35
5	0.24	0.34	0.41	0.59	0.85	1.27	1.63	2.17	3.37	4.42	23.08
10	0.29	0.41	0.51	0.72	1.04	1.55	1.99	2.65	4.11	5.40	27.34
20	0.34	0.48	0.59	0.84	1.22	1.81	2.32	3.10	4.81	6.31	31.26
25	0.35	0.50	0.62	0.88	1.27	1.89	2.43	3.24	5.02	6.59	32.47
40	0.39	0.55	0.67	0.95	1.38	2.06	2.64	3.53	5.47	7.18	34.96
50	0.40	0.57	0.70	0.99	1.44	2.14	2.75	3.67	5.68	7.46	36.11
100	0.45	0.63	0.78	1.10	1.60	2.38	3.05	4.08	6.32	8.30	39.62
200	0.49	0.70	0.86	1.21	1.76	2.62	3.36	4.48	6.95	9.12	43.02
1000	0.59	0.84	1.03	1.46	2.11	3.15	4.04	5.39	8.36	10.97	50.64
10000	0.73	1.03	1.27	1.80	2.61	3.88	4.98	6.65	10.31	13.53	61.05
PMP	1.47	2.08	2.56	3.62	5.26	7.84	10.05	13.42	20.80	27.30	127.07
MEAN	0.175	0.247	0.305	0.431	0.626	0.932	1.195	1.595	2.474	3.246	17.552
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.460	1.460	1.250	0.709	0.850	1.116	1.259	0.704	1.182	1.684	1.328
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.466 ; INTERCEPT (TIME=1 HOUR) =0.643 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.03662 ; AVERAGE CALC CV / USED CV = 0.82

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	11.531	6.053	4.752	2.847	3.711	5.185	5.943	4.132	4.463	6.968	5.066
N	24	24	24	24	24	24	24	24	24	24	23
RECORD YEAR	1938	1938	1938	1938	1934	1934	1934	1934	1934	1934	1941
RECORD MAXIMUM	0.530	0.580	0.640	0.770	1.180	1.940	2.640	3.140	5.760	9.740	36.960
NORMILIZED MAX	3.789	3.088	2.834	2.189	2.565	2.923	3.058	2.578	2.721	3.276	2.737
CALC. COEF. VAR	0.537	0.435	0.389	0.360	0.345	0.370	0.395	0.376	0.488	0.611	0.404
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0099	0.0141	0.0174	0.0245	0.0357	0.0531	0.0681	0.0909	0.1409	0.1850	1.0000
RP10/A	0.0165	0.0234	0.0288	0.0408	0.0593	0.0883	0.1132	0.1511	0.2343	0.3074	1.5576
RP25/A	0.0202	0.0286	0.0352	0.0499	0.0724	0.1079	0.1383	0.1846	0.2863	0.3757	1.8498
RP50/A	0.0229	0.0324	0.0399	0.0564	0.0819	0.1220	0.1564	0.2088	0.3238	0.4249	2.0575
RP100/A	0.0254	0.0360	0.0444	0.0627	0.0911	0.1357	0.1740	0.2323	0.3602	0.4727	2.2574
RP1000/A	0.0336	0.0476	0.0586	0.0829	0.1205	0.1794	0.2300	0.3071	0.4762	0.6249	2.8849
RP10000/A	0.0415	0.0588	0.0723	0.1023	0.1486	0.2213	0.2838	0.3788	0.5874	0.7708	3.4781
PMP/A	0.0837	0.1186	0.1459	0.2064	0.2999	0.4466	0.5726	0.7645	1.1853	1.5555	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BHM	LATITUDE	LONGITUDE	COUNTY
U05 3704 0	HAINES CANYON UPPER	367	3450	09	02N	13W	S	34.272	118.252	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1933	0.25	0.30	0.35	0.56	0.78	1.31	1.82	2.57	6.36	8.81	25.87
1934	0.28	0.42	0.57	0.83	1.26	1.63	1.99	2.96	6.93	10.26	26.00
1935	0.15	0.24	0.35	0.55	0.82	1.23	1.44	1.86	2.43	2.98	38.49
1936	0.49	0.61	0.64	0.65	1.06	1.78	2.53	3.21	3.78	4.56	21.58
1937	0.19	0.33	0.37	0.46	0.63	0.87	1.19	1.78	2.75	3.50	41.08
1938	0.22	0.35	0.43	0.74	1.30	2.35	3.30	4.95	9.04	10.74	47.83
1939	0.26	0.31	0.36	0.49	0.89	1.38	1.92	2.64	4.38	6.68	31.71
1940	0.67	0.82	0.96	1.16	1.45	1.92	2.50	3.08	3.69	4.41	24.04
1941	0.22	0.40	0.56	0.83	1.10	1.41	1.60	2.24	3.14	3.56	61.58
1942	0.22	0.28	0.44	0.78	0.96	1.24	1.39	1.47	1.70	1.70	21.22
1943	0.31	0.50	0.60	0.94	1.54	2.57	3.30	5.46	11.64	18.57	51.58
1944	0.17	0.32	0.42	0.73	1.31	2.12	2.91	4.78	8.97	12.62	40.82
1945	0.26	0.44	0.50	0.69	1.09	1.71	1.96	2.47	3.81	4.86	27.51
1946	0.18	0.25	0.33	0.64	0.97	1.24	1.70	2.45	4.38	5.90	27.53
1947	0.06	0.12	0.16	0.23	0.32	0.47	0.50	0.77	1.23	1.89	32.14
1948	0.20	0.28	0.28	0.34	0.54	0.85	1.18	1.45	1.80	1.92	13.55
1949	0.16	0.27	0.40	0.60	1.00	1.70	2.18	2.60	3.49	4.42	18.35
1950	0.11	0.19	0.24	0.35	0.55	0.95	1.31	1.76	1.96	2.00	19.29
1951	0.17	0.24	0.32	0.48	0.74	1.08	1.30	1.94	2.22	2.95	12.62
1952	0.30	0.36	0.45	0.72	1.07	1.80	2.27	3.10	5.20	6.08	50.76
1953	0.12	0.15	0.21	0.30	0.44	0.78	1.12	1.33	1.43	1.48	14.65
1954	0.20	0.25	0.30	0.53	0.77	1.22	1.45	1.72	3.18	3.86	23.29
1955	0.11	0.22	0.32	0.50	0.65	0.95	1.22	2.17	2.86	3.47	20.55
1956	0.12	0.17	0.22	0.40	0.75	1.15	1.50	2.46	4.44	6.24	21.85
1957	0.15	0.23	0.28	0.41	0.63	1.01	1.34	2.08	3.67	3.67	20.97
1958	0.28	0.36	0.52	0.80	1.10	1.41	1.62	1.99	3.54	4.60	43.73
1959	0.51	0.55	0.58	0.85	1.04	1.69	2.19	2.98	3.70	4.11	13.38
1960	0.10	0.15	0.20	0.34	0.67	0.84	0.95	1.29	1.45	1.73	10.91
1961	0.35	0.39	0.47	0.62	1.02	1.67	1.79	2.35	2.58	3.37	11.75
1962	0.34	0.40	0.43	0.50	0.78	1.35	1.62	2.15	3.60	6.80	31.97
1963	0.25	0.35	0.40	0.70	1.03	1.60	2.05	2.80	5.20	6.50	16.36
1964	0.20	0.28	0.32	0.40	0.70	1.14	1.53	2.10	2.40	2.55	14.30
1965	0.32	0.33	0.40	0.72	1.12	1.82	2.17	2.49	2.83	3.00	27.08
1966	0.25	0.35	0.43	0.70	1.18	2.05	2.90	4.70	8.75	9.58	41.58
1967	0.15	0.30	0.40	0.55	0.71	1.15	1.60	2.35	3.81	4.70	43.41
1968	0.20	0.40	0.50	0.85	0.88	1.15	1.26	1.85	3.45	5.95	22.83

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BHM	LATITUDE	LONGITUDE	COUNTY
U05 3704 0	HAINES CANYON UPPER	367	3450	09	02N	13W	S	34.272	118.252	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.21	0.30	0.37	0.55	0.82	1.26	1.63	2.28	3.66	4.77	26.13
5	0.32	0.45	0.56	0.83	1.24	1.91	2.45	3.43	5.52	7.19	36.88
10	0.39	0.55	0.68	1.01	1.52	2.33	2.99	4.19	6.73	8.78	43.68
20	0.46	0.64	0.79	1.18	1.77	2.72	3.50	4.90	7.87	10.26	49.94
25	0.48	0.67	0.83	1.24	1.85	2.84	3.65	5.12	8.23	10.73	51.87
40	0.52	0.73	0.90	1.35	2.02	3.10	3.98	5.57	8.96	11.69	55.85
50	0.54	0.76	0.94	1.40	2.10	3.21	4.13	5.79	9.30	12.13	57.70
100	0.60	0.85	1.04	1.56	2.33	3.58	4.60	6.44	10.35	13.50	63.30
200	0.66	0.93	1.15	1.71	2.56	3.93	5.05	7.08	11.37	14.83	68.74
1000	0.80	1.12	1.38	2.06	3.08	4.73	6.08	8.51	13.68	17.84	80.90
10000	0.99	1.38	1.70	2.54	3.80	5.83	7.50	10.50	16.88	22.01	97.54
PMP	1.99	2.79	3.43	5.12	7.67	11.76	15.13	21.19	34.06	44.41	203.03
MEAN	0.237	0.332	0.408	0.609	0.912	1.399	1.799	2.519	4.050	5.281	28.043
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.676	1.433	1.215	0.349	0.191	0.505	0.751	1.270	1.556	1.888	0.778
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.429 ; INTERCEPT (TIME=1 HOUR) =0.931 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.03321 ; AVERAGE CALC CV / USED CV = 0.76

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	6.882	6.716	6.400	3.286	2.869	3.281	3.662	4.797	5.402	7.654	3.055
N	36	36	36	36	36	36	36	36	36	36	36
RECORD YEAR	1940	1940	1940	1940	1943	1943	1938	1943	1943	1943	1941
RECORD MAXIMUM	0.670	0.820	0.940	1.160	1.540	2.570	3.390	5.460	11.640	18.570	61.580
NORMILIZED MAX	3.521	3.560	3.558	2.710	2.200	2.521	2.461	2.799	3.169	3.734	2.587
CALC. COEF. VAR	0.520	0.414	0.366	0.334	0.313	0.332	0.359	0.417	0.591	0.674	0.462
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0084	0.0118	0.0146	0.0217	0.0325	0.0499	0.0641	0.0898	0.1444	0.1883	1.0000
RP10/A	0.0140	0.0197	0.0242	0.0361	0.0541	0.0829	0.1066	0.1493	0.2400	0.3130	1.5576
RP25/A	0.0171	0.0240	0.0296	0.0441	0.0661	0.1013	0.1303	0.1825	0.2933	0.3825	1.8498
RP50/A	0.0194	0.0272	0.0334	0.0499	0.0748	0.1146	0.1473	0.2064	0.3318	0.4326	2.0575
RP100/A	0.0216	0.0302	0.0372	0.0555	0.0832	0.1275	0.1639	0.2296	0.3691	0.4813	2.2574
RP1000/A	0.0285	0.0400	0.0492	0.0734	0.1099	0.1685	0.2167	0.3035	0.4879	0.6363	2.8849
RP10000/A	0.0352	0.0493	0.0606	0.0905	0.1356	0.2079	0.2673	0.3744	0.6019	0.7849	3.4781
PMP/A	0.0710	0.0995	0.1224	0.1826	0.2737	0.4195	0.5394	0.7556	1.2145	1.5838	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 3751 0	HANSEN DAM	1110	12	02N	15W	J	S	34.269	118.399	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1943	*****	*****	*****	*****	0.85	1.02	1.13	1.47	1.30	1.75	10.83
1944	*****	*****	*****	*****	0.66	1.10	1.30	1.75	2.51	4.30	15.04
1945	*****	*****	*****	*****	0.61	0.95	1.12	1.49	1.90	2.85	9.49
1946	*****	*****	*****	*****	0.42	0.63	0.81	1.19	1.39	1.80	13.64
1947	*****	*****	*****	*****	0.34	*****	*****	0.56	*****	1.06	4.07
1948	*****	*****	*****	*****	0.39	0.76	0.88	*****	*****	1.09	7.19
1949	*****	*****	*****	*****	0.24	*****	*****	0.64	*****	1.27	5.62
1950	*****	*****	*****	*****	0.41	0.55	0.62	0.79	0.92	1.00	5.94
1951	*****	*****	*****	*****	0.35	*****	*****	1.20	*****	2.05	11.30
1952	*****	*****	*****	*****	0.57	*****	*****	1.96	*****	3.50	22.25
1953	*****	*****	*****	*****	0.22	*****	*****	0.72	*****	0.82	3.06
1954	*****	*****	*****	*****	0.45	*****	*****	1.16	*****	2.04	11.46
1955	*****	*****	*****	*****	0.35	*****	*****	1.10	*****	1.60	11.98
1956	*****	*****	*****	*****	0.35	*****	*****	1.62	*****	4.46	10.57
1957	*****	*****	*****	*****	0.54	0.72	0.80	1.44	2.00	2.08	15.98
1958	*****	*****	*****	*****	0.55	0.70	0.86	1.41	1.80	1.82	17.04
1959	*****	*****	*****	*****	0.77	1.29	1.71	2.39	2.75	2.75	8.27
1960	*****	*****	*****	*****	0.68	0.92	1.20	1.33	1.61	2.05	9.44
1961	*****	*****	*****	*****	0.24	0.34	0.56	0.85	0.87	0.87	5.57
1962	*****	*****	*****	*****	0.50	0.99	1.18	1.69	3.00	5.16	16.83
1963	*****	*****	*****	*****	0.45	0.60	1.12	1.89	2.45	3.08	15.00
1964	*****	*****	*****	*****	0.48	0.71	0.89	1.19	1.20	1.55	10.03
1965	*****	*****	*****	*****	0.69	1.32	1.76	2.46	3.25	3.43	27.68
1966	*****	*****	*****	*****	0.36	0.61	0.77	1.44	2.41	3.17	11.40
1967	*****	*****	*****	*****	0.56	0.95	1.17	1.37	2.00	3.37	22.02
1974	*****	*****	*****	*****	0.42	0.73	0.99	1.43	1.89	2.91	16.48

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 3751 0	HANSEN DAM	1110	12	02N	15W	J	S	34.269	118.399	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.50	0.81	0.99	1.26	1.78	2.16	11.73
5	0.0	0.0	0.0	0.0	0.76	1.22	1.48	1.89	2.69	3.26	16.55
10	0.0	0.0	0.0	0.0	0.93	1.49	1.81	2.31	3.28	3.98	19.60
20	0.0	0.0	0.0	0.0	1.09	1.74	2.12	2.70	3.84	4.65	22.41
25	0.0	0.0	0.0	0.0	1.13	1.82	2.21	2.82	4.01	4.86	23.28
40	0.0	0.0	0.0	0.0	1.24	1.98	2.41	3.07	4.37	5.29	25.06
50	0.0	0.0	0.0	0.0	1.28	2.06	2.50	3.19	4.54	5.50	25.89
100	0.0	0.0	0.0	0.0	1.43	2.29	2.79	3.55	5.05	6.11	28.41
200	0.0	0.0	0.0	0.0	1.57	2.52	3.06	3.90	5.55	6.72	30.85
1000	0.0	0.0	0.0	0.0	1.89	3.03	3.68	4.69	6.67	8.08	36.30
10000	0.0	0.0	0.0	0.0	2.33	3.74	4.54	5.79	8.23	9.97	43.77
PMP	0.0	0.0	0.0	0.0	4.70	7.54	9.17	11.69	16.61	20.12	91.11
MEAN	0.0	0.0	0.0	0.0	0.559	0.897	1.090	1.390	1.975	2.392	12.584
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	0.615	0.236	0.802	0.477	0.176	0.642	0.589
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.383 ; INTERCEPT (TIME=1 HOUR) =0.566 ; COEFFICIENT OF DETERMINATION = 0.981
1HR INTERCEPT / MEAN YR =0.04495 ; AVERAGE CALC CV / USED CV = 0.66

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	3.170	3.418	4.009	3.478	2.749	2.903	3.348
N	0	0	0	0	26	18	18	26	17	26	26
RECORD YEAR	0	0	0	0	1965	1965	1965	1965	1965	1962	1965
RECORD MAXIMUM	0.0	0.0	0.0	0.0	0.890	1.320	1.760	2.460	3.250	5.160	27.680
NORMILIZED MAX	0.0	0.0	0.0	0.0	1.625	1.563	1.985	2.167	1.798	2.309	2.478
CALC. COEFF. VAR	0.0	0.0	0.0	0.0	0.365	0.302	0.310	0.356	0.359	0.501	0.484
REGN. COEFF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEFF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0	0.0	0.0444	0.0713	0.0866	0.1104	0.1570	0.1901	1.0000
RR10/A	0.0	0.0	0.0	0.0	0.0738	0.1185	0.1440	0.1835	0.2609	0.3160	1.5576
RR25/A	0.0	0.0	0.0	0.0	0.0902	0.1448	0.1760	0.2243	0.3189	0.3862	1.8498
RR50/A	0.0	0.0	0.0	0.0	0.1020	0.1638	0.1990	0.2537	0.3606	0.4368	2.0575
RR100/A	0.0	0.0	0.0	0.0	0.1135	0.1822	0.2214	0.2822	0.4012	0.4859	2.2574
RR1000/A	0.0	0.0	0.0	0.0	0.1500	0.2408	0.2927	0.3731	0.5304	0.6423	2.8849
RR10000/A	0.0	0.0	0.0	0.0	0.1850	0.2971	0.3611	0.4602	0.6543	0.7923	3.4781
RMP/A	0.0	0.0	0.0	0.0	0.3733	0.5995	0.7286	0.9287	1.3202	1.5988	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. PRN ORDER SUF UOF 2910 0	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
	HEMMINGER FLATS	235	2550	01	01N	17W	Q S	34.194	118.088	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1930	0.15	0.23	0.30	0.42	0.56	0.89	0.96	1.46	2.45	3.76	20.89
1931	0.20	0.30	0.35	0.54	1.00	1.36	1.54	1.91	2.85	3.68	22.18
1932	0.14	0.19	0.25	0.39	0.53	0.75	1.06	1.57	2.67	3.30	27.84
1933	0.16	0.25	0.30	0.55	0.76	1.50	1.99	2.97	5.92	9.79	21.01
1934	0.20	0.24	0.27	0.39	0.51	0.78	0.92	1.30	2.73	3.29	24.11
1935	0.17	0.21	0.24	0.55	0.98	1.63	2.14	2.61	3.09	3.67	33.04
1936	0.49	0.53	0.56	0.69	0.95	1.46	2.05	2.62	2.94	4.13	23.79
1937	0.09	0.16	0.22	0.38	0.54	0.92	1.34	1.91	3.11	3.77	41.55
1938	0.31	0.46	0.57	0.71	1.01	1.75	2.35	3.76	7.43	9.13	42.47
1939	0.14	0.23	0.26	0.41	0.66	1.13	1.32	2.15	4.98	7.43	30.44
1940	0.22	0.23	0.30	0.46	0.86	1.10	1.46	1.92	3.61	3.72	22.09
1941	0.40	0.58	0.72	1.03	1.21	1.37	1.83	2.36	2.82	4.14	55.42
1942	0.09	0.16	0.22	0.36	0.50	0.66	0.75	0.87	1.32	1.78	18.56
1943	0.34	0.50	0.75	1.18	1.76	2.56	3.23	4.54	7.83	14.96	48.99
1944	0.19	0.29	0.33	0.51	0.78	1.22	1.46	1.76	3.64	6.02	34.61
1945	0.30	0.36	0.47	0.71	0.80	1.56	1.74	1.91	3.20	5.44	23.86
1946	0.19	0.32	0.39	0.65	1.02	1.56	1.93	2.35	3.30	4.79	22.38
1947	0.14	0.18	0.20	0.29	0.40	0.65	0.83	1.10	1.27	1.53	30.29
1948	0.23	0.35	0.41	0.53	0.80	1.05	1.10	1.55	2.20	2.20	13.52
1949	0.15	0.27	0.37	0.52	0.90	0.95	1.50	1.93	3.12	3.97	17.58
1950	0.14	0.15	0.20	0.35	0.62	1.02	1.43	1.76	2.11	2.11	21.64
1951	0.17	0.22	0.30	0.54	0.74	1.09	1.50	2.05	2.25	3.87	12.69
1952	0.18	0.30	0.42	0.74	1.11	1.82	2.58	3.20	4.59	5.13	44.17
1953	0.22	0.28	0.32	0.53	0.85	1.42	1.61	1.77	1.92	2.23	15.37
1954	0.22	0.33	0.40	0.67	1.13	1.54	2.12	2.70	3.02	4.27	21.75
1955	0.08	0.14	0.18	0.31	0.49	0.93	1.09	1.54	1.98	2.90	19.76
1956	0.15	0.17	0.22	0.42	0.80	1.58	2.32	3.20	5.52	7.35	22.07
1957	0.25	0.35	0.41	0.55	0.80	1.25	1.67	2.16	2.84	3.09	20.13
1958	0.17	0.30	0.40	0.54	0.83	1.36	1.68	2.07	3.23	3.48	37.53
1959	0.47	0.53	0.57	0.67	0.90	1.30	1.70	2.30	3.10	3.10	12.32
1960	0.14	0.18	0.19	0.23	0.36	0.68	0.87	1.06	1.45	1.76	13.11
1961	0.11	0.15	0.19	0.31	0.42	0.55	0.67	0.95	1.55	1.59	9.63
1962	0.13	0.23	0.29	0.42	0.68	1.05	1.36	1.85	2.57	5.30	29.56
1963	0.12	0.16	0.22	0.40	0.70	1.12	1.65	2.60	3.75	4.84	17.41
1964	0.12	0.16	0.24	0.35	0.62	1.01	1.37	1.74	1.80	2.30	15.10
1965	0.11	0.20	0.25	0.44	0.60	0.75	1.02	1.45	2.10	2.70	25.29
1966	0.15	0.28	0.35	0.65	1.18	2.05	2.53	4.15	6.55	7.56	38.46
1967	0.15	0.27	0.36	0.50	0.70	1.15	1.64	2.38	4.42	5.60	36.73
1968	0.35	0.45	0.47	0.54	0.94	1.12	1.24	1.60	2.10	3.50	17.05
1969	0.22	0.30	0.37	0.66	1.22	2.12	3.20	4.60	8.18	10.98	55.82
1970	0.16	0.31	0.37	0.48	0.70	1.00	1.20	2.00	2.75	4.75	17.42
1971	0.15	0.20	0.22	0.33	0.50	0.85	1.12	1.65	2.37	2.87	23.18

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUE		STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
UOF 3910	0	WENNINGER FLATS	235	2550	01	01N	12W	0	S 34.194	118.088	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.18	0.25	0.31	0.47	0.72	1.11	1.44	1.96	3.03	4.12	24.43
5	0.27	0.38	0.47	0.71	1.08	1.67	2.17	2.96	4.57	6.21	34.48
10	0.33	0.46	0.57	0.87	1.32	2.04	2.65	3.61	5.58	7.58	40.84
20	0.38	0.54	0.67	1.01	1.55	2.38	3.10	4.23	6.53	8.87	46.69
25	0.40	0.57	0.70	1.06	1.62	2.49	3.24	4.42	6.82	9.27	48.50
40	0.44	0.62	0.76	1.15	1.76	2.71	3.53	4.81	7.43	10.09	52.22
50	0.45	0.64	0.79	1.20	1.83	2.82	3.67	5.00	7.71	10.48	53.95
100	0.50	0.71	0.88	1.33	2.03	3.13	4.08	5.56	8.58	11.66	59.19
200	0.55	0.78	0.97	1.47	2.23	3.44	4.48	6.11	9.43	12.81	64.27
1000	0.66	0.94	1.17	1.76	2.69	4.14	5.39	7.35	11.34	15.41	75.66
10000	0.82	1.16	1.44	2.17	3.31	5.11	6.65	9.06	13.99	19.01	91.19
PMP	1.65	2.34	2.91	4.35	6.69	10.31	13.43	18.29	28.24	38.36	189.83
MEAN	0.197	0.279	0.346	0.522	0.795	1.226	1.597	2.175	3.358	4.561	26.219
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.599	1.091	1.265	1.465	1.000	0.888	0.925	1.217	1.432	1.906	1.011
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.411 ; INTERCEPT (TIME=1 HOUR) =0.809 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.03085 ; AVERAGE CALC CV / USED CV = 0.79

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	5.423	3.747	4.748	6.543	5.207	4.110	3.987	4.549	4.682	7.516	3.595
N	42	42	42	42	42	42	42	42	42	42	42
RECORD YEAR	1936	1941	1943	1943	1943	1943	1943	1969	1969	1943	1969
RECORD MAXIMUM	0.490	0.580	0.750	1.180	1.740	2.540	3.230	4.600	8.180	14.960	55.820
NORMILIZED MAX	3.056	2.644	2.978	3.546	3.469	3.055	2.715	2.747	2.805	3.802	2.565
CALC. COEF. VAR	0.488	0.409	0.393	0.356	0.342	0.351	0.377	0.406	0.512	0.600	0.440
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0075	0.0106	0.0132	0.0199	0.0303	0.0468	0.0609	0.0829	0.1281	0.1740	1.0000
RP10/A	0.0125	0.0177	0.0219	0.0331	0.0504	0.0777	0.1012	0.1379	0.2129	0.2892	1.5576
RP25/A	0.0152	0.0216	0.0268	0.0404	0.0616	0.0950	0.1237	0.1685	0.2601	0.3534	1.8498
RP50/A	0.0172	0.0244	0.0303	0.0457	0.0697	0.1074	0.1399	0.1905	0.2942	0.3997	2.0575
RP100/A	0.0192	0.0272	0.0337	0.0509	0.0775	0.1195	0.1556	0.2120	0.3273	0.4446	2.2574
RP1000/A	0.0253	0.0359	0.0445	0.0672	0.1025	0.1580	0.2057	0.2802	0.4327	0.5878	2.8849
RP10000/A	0.0313	0.0443	0.0550	0.0829	0.1264	0.1949	0.2538	0.3457	0.5338	0.7251	3.4781
PMP/A	0.0631	0.0894	0.1109	0.1673	0.2551	0.3932	0.5121	0.6975	1.0771	1.4631	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. PSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMK	LATITUDE	LONGITUDE	COUNTY
U05 4017 0	HOGEES	60	2650	33	02N	11W	S	34.20N	118.033	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1927	0.19	0.30	0.41	0.67	1.14	1.60	2.22	3.14	6.61	11.19	55.71
1928	0.22	0.24	0.29	0.42	0.71	1.14	1.58	1.96	3.21	3.76	24.52
1929	0.24	0.30	0.36	0.72	1.10	1.63	2.03	2.55	4.38	6.81	32.39
1930	0.15	0.22	0.28	0.49	0.71	1.21	1.66	2.21	3.16	3.87	33.91
1931	0.23	0.37	0.44	0.55	0.74	1.39	2.17	2.88	4.65	6.16	32.42
1932	0.14	0.24	0.31	0.52	0.62	1.06	1.48	2.32	3.86	4.64	50.19
1933	0.14	0.24	0.31	0.54	0.95	1.59	2.11	3.19	6.70	10.30	33.45
1934	0.35	0.35	0.35	0.62	1.02	1.98	2.84	4.43	9.53	14.81	44.67
1935	0.43	0.50	0.55	0.80	1.44	2.50	3.46	4.47	5.34	6.06	55.58
1936	0.43	0.57	0.69	0.86	1.34	1.90	2.72	3.86	4.41	6.26	38.15
1937	0.26	0.36	0.43	0.61	0.86	1.66	2.22	2.69	4.30	5.37	59.29
1938	0.30	0.45	0.57	0.83	1.58	2.88	4.00	6.29	11.88	14.59	67.16
1939	0.18	0.30	0.33	0.53	0.85	1.52	1.91	2.65	5.20	8.50	38.67
1940	0.30	0.40	0.42	0.56	0.81	1.37	1.78	2.66	4.53	4.72	29.65
1941	0.16	0.26	0.35	0.57	1.00	1.77	2.22	2.78	3.40	5.24	69.91
1942	0.17	0.20	0.26	0.34	0.62	0.78	0.89	1.07	1.63	2.06	21.99
1943	0.26	0.40	0.57	1.06	1.70	2.77	3.93	6.48	13.36	26.12	75.87
1944	0.35	0.42	0.49	0.92	1.25	1.75	2.35	3.17	5.70	8.80	43.68
1945	0.32	0.47	0.65	1.04	1.70	2.65	3.26	4.22	6.44	10.37	35.85
1946	0.17	0.25	0.35	0.50	0.77	1.50	2.23	3.40	6.44	6.44	33.00
1947	0.07	0.11	0.15	0.27	0.54	0.91	1.27	1.52	1.66	2.23	38.35
1948	0.19	0.26	0.33	0.54	0.79	1.07	1.56	2.16	2.67	3.67	19.68
1949	0.14	0.21	0.24	0.47	0.90	1.70	2.55	3.52	5.37	6.66	23.73
1950	0.20	0.30	0.41	0.61	0.96	1.57	1.98	2.72	3.18	3.40	32.39
1951	0.17	0.31	0.41	0.65	0.96	1.25	1.70	2.50	2.90	5.38	17.34
1952	0.26	0.33	0.44	0.76	1.51	2.12	3.05	4.30	6.55	8.25	59.20
1953	0.09	0.11	0.14	0.24	0.37	0.70	1.05	1.55	2.17	2.17	23.61
1954	0.17	0.30	0.40	0.63	0.95	1.54	2.11	3.05	4.45	6.56	32.18
1955	0.12	0.15	0.18	0.27	0.45	0.81	1.12	1.52	2.25	2.85	25.15
1956	0.12	0.18	0.26	0.41	0.81	1.46	2.13	3.42	7.04	8.85	31.70
1957	0.19	0.31	0.41	0.62	0.96	1.78	2.31	2.96	3.42	3.42	27.63
1958	0.32	0.52	0.62	0.78	1.19	1.82	2.35	2.96	4.47	6.65	57.87
1959	0.30	0.42	0.48	0.61	0.99	1.50	2.09	2.93	3.99	4.10	17.76
1960	0.10	0.15	0.16	0.25	0.45	0.77	1.06	1.47	1.86	2.32	17.20
1961	0.28	0.50	0.70	1.10	1.15	1.30	1.38	1.88	3.04	3.23	13.74
1962	0.15	0.25	0.35	0.45	0.83	1.41	2.02	3.06	6.05	9.40	46.73
1963	0.12	0.20	0.30	0.60	1.17	2.00	2.52	3.87	6.37	8.07	23.01
1964	0.30	0.35	0.48	0.63	0.83	1.38	1.90	2.77	3.02	3.99	22.10
1965	0.20	0.25	0.35	0.59	0.78	0.97	1.87	2.33	3.43	4.55	33.52
1966	0.25	0.35	0.45	0.67	1.48	2.47	3.43	5.25	9.33	10.40	52.05
1967	0.23	0.30	0.32	0.44	0.67	1.01	1.48	2.41	4.05	5.28	63.39
1968	0.16	0.23	0.31	0.42	0.58	0.75	0.75	0.75	1.24	1.24	22.87

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 4017 0	HOGEES	60	2650	33	02N	11W	S	34.208	118.033	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
2	0.20	0.28	0.35	0.54	0.87	1.40	1.91	2.70	4.37	6.00	34.99
5	0.30	0.42	0.53	0.82	1.30	2.11	2.86	4.06	6.59	9.04	49.39
10	0.36	0.51	0.65	1.00	1.59	2.57	3.51	4.96	8.04	11.03	58.49
20	0.42	0.60	0.76	1.16	1.86	3.01	4.11	5.80	9.40	12.90	66.87
25	0.44	0.63	0.79	1.22	1.95	3.14	4.29	6.06	9.83	13.48	69.47
40	0.48	0.68	0.86	1.33	2.12	3.42	4.68	6.60	10.70	14.68	74.79
50	0.50	0.71	0.89	1.38	2.20	3.55	4.85	6.85	11.11	15.25	77.27
100	0.55	0.79	0.99	1.53	2.45	3.95	5.40	7.63	12.36	16.96	84.77
200	0.61	0.86	1.09	1.68	2.69	4.34	5.93	8.38	13.59	18.64	92.06
1000	0.73	1.04	1.31	2.02	3.24	5.22	7.14	10.08	16.35	22.42	108.34
10000	0.90	1.28	1.62	2.50	3.99	6.44	8.81	12.44	20.16	27.66	130.61
PMP	1.83	2.59	3.27	5.04	8.06	13.00	17.77	25.09	40.69	55.81	271.89
MEAN	0.217	0.308	0.389	0.599	0.958	1.546	2.113	2.984	4.838	6.637	37.554
CLOCK HR. CORR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.635	0.410	0.434	0.534	0.573	0.649	0.621	0.948	1.417	2.316	0.674
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.359 ; INTERCEPT (TIME=1 HOUR) =0.986 ; COEFFICIENT OF DETERMINATION = 0.989
1HR INTERCEPT / MEAN YR =0.02626 ; AVERAGE CALC CV / USED CV = 0.73

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
KURTOSIS	3.112	2.906	3.172	3.495	3.014	3.300	3.511	4.624	5.611	11.094	2.687
N	42	42	42	42	42	42	42	42	42	42	42
RECORD YEAR	1935	1936	1961	1961	1943	1938	1938	1943	1943	1943	1943
RECORD MAXIMUM	0.430	0.570	0.700	1.100	1.700	2.880	4.000	6.480	13.360	26.120	75.870
NORMILIZED MAX	2.439	2.354	2.289	2.421	2.220	2.417	2.469	2.864	3.274	4.383	2.371
CALC. COEF. VAR	0.402	0.362	0.355	0.345	0.349	0.357	0.362	0.409	0.538	0.670	0.430
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0058	0.0082	0.0103	0.0160	0.0255	0.0412	0.0563	0.0795	0.1288	0.1767	1.0000
RP10/A	0.0096	0.0136	0.0172	0.0265	0.0424	0.0684	0.0935	0.1321	0.2141	0.2937	1.5576
RP25/A	0.0117	0.0167	0.0210	0.0324	0.0518	0.0836	0.1143	0.1614	0.2617	0.3590	1.8498
RP50/A	0.0133	0.0188	0.0238	0.0366	0.0586	0.0946	0.1293	0.1825	0.2960	0.4060	2.0575
RP100/A	0.0148	0.0210	0.0264	0.0408	0.0652	0.1052	0.1438	0.2031	0.3293	0.4517	2.2574
RP1000/A	0.0195	0.0277	0.0350	0.0539	0.0862	0.1391	0.1901	0.2684	0.4352	0.5971	2.8869
RP10000/A	0.0241	0.0342	0.0431	0.0665	0.1063	0.1716	0.2345	0.3311	0.5369	0.7365	3.4781
PMP/A	0.0486	0.0689	0.0870	0.1342	0.2145	0.3463	0.4732	0.6682	1.0834	1.4862	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 4021 15	HOLIDAY HILL	8150						34.357	117.681	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1958	0.06	0.08	0.10	0.15	0.25	0.40	0.55	0.88	1.45	1.65	15.26
1959	0.07	0.10	0.16	0.22	0.32	0.50	0.72	1.06	1.74	2.63	10.80
1960	0.25	0.42	0.50	0.94	1.00	1.00	1.00	1.00	1.15	1.69	14.47
1961	0.48	0.71	1.05	1.84	1.94	1.95	1.95	1.95	1.45	2.55	12.28
1962	0.07	0.12	0.15	0.27	0.35	0.66	0.93	1.32	2.42	3.35	25.12
1963	0.06	0.09	0.11	0.23	0.36	0.59	0.84	1.21	2.34	2.85	14.88
1964	0.08	0.10	0.11	0.18	0.31	0.57	0.83	1.25	1.65	1.81	14.20
1965	0.45	0.55	0.60	0.66	0.70	1.46	1.70	2.25	2.32	2.32	17.49
1966	0.20	0.30	0.40	0.58	0.95	1.27	1.57	2.40	4.60	6.20	24.67
1967	0.19	0.31	0.38	0.50	0.70	1.30	1.48	1.48	2.57	4.07	34.15
1968	0.07	0.09	0.15	0.20	0.37	0.55	0.75	0.98	1.63	1.82	15.57
1969	0.10	0.15	0.18	0.28	0.55	1.02	1.35	2.00	3.55	4.73	35.05
1970	0.04	0.06	0.10	0.20	0.26	0.49	0.70	1.03	1.77	1.95	15.18
1971	0.04	0.08	0.11	0.17	0.33	0.64	0.83	1.35	2.59	4.40	16.32
1972	0.04	0.06	0.07	0.13	0.22	0.40	0.57	0.85	2.03	3.04	14.43
1973	0.40	0.60	0.82	0.92	1.07	1.15	1.15	1.15	1.72	1.88	25.81
1974	*****	*****	*****	*****	*****	*****	*****	*****	*****	3.75	26.69

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 4021 15	HOLIDAY HILL	8150						34.357	117.681	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.15	0.22	0.28	0.42	0.54	0.79	0.96	1.25	2.00	2.69	18.22
5	0.22	0.33	0.42	0.63	0.82	1.19	1.44	1.88	3.02	4.06	25.71
10	0.27	0.40	0.52	0.77	1.00	1.45	1.76	2.30	3.69	4.96	30.45
20	0.32	0.46	0.61	0.90	1.16	1.69	2.06	2.69	4.31	5.80	34.82
25	0.33	0.48	0.63	0.95	1.22	1.77	2.15	2.81	4.50	6.06	36.16
40	0.36	0.53	0.69	1.03	1.32	1.93	2.34	3.06	4.91	6.60	38.94
50	0.37	0.55	0.72	1.07	1.38	2.00	2.43	3.18	5.09	6.85	40.23
100	0.42	0.61	0.80	1.19	1.53	2.23	2.70	3.54	5.67	7.62	44.13
200	0.46	0.67	0.88	1.31	1.68	2.45	2.97	3.89	6.23	8.37	47.93
1000	0.55	0.81	1.05	1.57	2.02	2.95	3.57	4.68	7.49	10.07	56.40
10000	0.68	1.00	1.30	1.94	2.50	3.63	4.41	5.77	9.24	12.43	68.00
PMP	1.37	2.01	2.62	3.92	5.04	7.33	8.89	11.65	18.65	25.08	141.55
MEAN	0.162	0.239	0.312	0.466	0.599	0.872	1.057	1.385	2.217	2.982	19.551
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.251	1.145	1.476	2.103	1.957	0.990	0.794	1.004	1.658	1.086	0.991
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.483 ; INTERCEPT (TIME=1 HOUR) =0.614 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.03141 ; AVERAGE CALC CV / USED CV = 1.58

KURTOSIS	3.644	3.437	4.844	8.124	7.682	3.824	3.027	3.262	6.576	4.215	3.292
N	16	16	16	16	16	16	16	16	16	17	17
RECORD YEAR	1961	1961	1961	1961	1961	1961	1961	1966	1966	1966	1969
RECORD MAXIMUM	0.480	0.710	1.050	1.840	1.940	1.950	1.950	2.400	4.600	6.200	35.050
NORMILIZED MAX	2.072	2.166	2.510	3.019	2.973	2.384	2.086	2.049	2.787	2.498	2.066
CALC. COEF. VAR	0.943	0.911	0.943	0.978	0.753	0.519	0.405	0.358	0.385	0.432	0.384
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0083	0.0122	0.0160	0.0238	0.0306	0.0446	0.0541	0.0708	0.1134	0.1525	1.0000
RP10/A	0.0138	0.0203	0.0265	0.0396	0.0509	0.0741	0.0899	0.1177	0.1885	0.2535	1.5576
RP25/A	0.0169	0.0248	0.0324	0.0484	0.0622	0.0906	0.1099	0.1439	0.2304	0.3098	1.8498
RP50/A	0.0191	0.0281	0.0366	0.0547	0.0704	0.1025	0.1243	0.1627	0.2606	0.3504	2.0575
RP100/A	0.0212	0.0312	0.0408	0.0609	0.0783	0.1140	0.1382	0.1811	0.2899	0.3898	2.2574
RP1000/A	0.0281	0.0413	0.0539	0.0805	0.1035	0.1507	0.1827	0.2393	0.3832	0.5153	2.8849
RP10000/A	0.0346	0.0509	0.0665	0.0993	0.1276	0.1859	0.2254	0.2952	0.4727	0.6356	3.4781
PMP/A	0.0699	0.1027	0.1342	0.2003	0.2576	0.3750	0.4549	0.5958	0.9539	1.2826	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 4659 31	LA HARRA HEIGHTS	1088	445					33.948	117.964	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1956	0.18	0.19	0.20	0.32	0.40	0.80	1.12	1.74	3.67	5.70	15.18
1957	0.09	0.15	0.18	0.22	0.32	0.42	0.67	0.96	1.43	1.46	9.88
1958	0.25	0.34	0.37	0.43	0.47	0.60	0.70	1.02	1.35	1.98	25.76
1959	0.21	0.31	0.36	0.44	0.47	0.63	0.70	0.95	1.25	1.90	6.93
1960	0.11	0.17	0.20	0.28	0.57	0.75	0.91	1.21	1.21	1.21	9.70
1961	0.17	0.22	0.26	0.32	0.40	0.60	0.73	0.77	1.29	1.29	5.58
1962	0.18	0.25	0.30	0.49	0.80	1.20	1.40	1.60	3.20	3.95	20.78
1963	0.23	0.32	0.37	0.52	0.75	1.01	1.18	1.60	2.40	3.86	11.40
1964	0.08	0.13	0.19	0.27	0.35	0.49	0.74	1.02	1.75	1.75	7.05
1965	0.18	0.20	0.25	0.34	0.40	0.60	0.69	0.85	1.34	1.75	13.77
1966	0.25	0.27	0.31	0.36	0.56	0.78	0.90	1.40	2.03	2.55	16.13
1967	0.15	0.24	0.29	0.40	0.65	0.87	1.03	1.41	2.42	2.91	20.70
1968	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	12.67
1969	*****	*****	*****	*****	*****	*****	*****	*****	0.85	1.01	25.74

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 4659 31	LA HARRA HEIGHTS	1088	445					33.948	117.964	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.16	0.21	0.25	0.33	0.46	0.66	0.81	1.09	1.68	2.18	13.40
5	0.24	0.32	0.37	0.50	0.70	0.99	1.22	1.65	2.53	3.28	18.91
10	0.29	0.39	0.45	0.61	0.85	1.21	1.49	2.01	3.09	4.00	22.39
20	0.34	0.45	0.53	0.71	0.99	1.42	1.74	2.35	3.62	4.68	25.60
25	0.35	0.47	0.56	0.74	1.04	1.48	1.82	2.46	3.78	4.89	26.59
40	0.38	0.51	0.60	0.81	1.13	1.61	1.99	2.68	4.12	5.33	28.63
50	0.40	0.53	0.63	0.84	1.18	1.68	2.06	2.78	4.27	5.53	29.58
100	0.44	0.59	0.70	0.93	1.31	1.86	2.29	3.09	4.76	6.16	32.45
200	0.49	0.65	0.77	1.03	1.44	2.05	2.52	3.40	5.23	6.77	35.24
1000	0.59	0.79	0.92	1.23	1.73	2.46	3.03	4.09	6.29	8.14	41.48
10000	0.72	0.97	1.14	1.52	2.13	3.04	3.74	5.05	7.76	10.04	50.00
PMP	1.46	1.96	2.30	3.07	4.30	6.13	7.55	10.18	15.65	20.26	104.09
MEAN	0.173	0.232	0.273	0.365	0.512	0.729	0.897	1.211	1.861	2.409	14.376
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	-0.298	0.151	0.101	0.186	0.711	0.791	0.950	0.310	1.074	1.347	0.522
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.541 ; INTERCEPT (TIME=1 HOUR) =0.525 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.03649 ; AVERAGE CALC CV / USED CV = 0.58

KURTOSIS	2.902	2.728	2.361	2.994	3.179	4.156	3.686	2.413	3.953	4.985	2.810
N	12	12	12	12	12	12	12	12	13	13	14
RECORD YEAR	1958	1958	1958	1963	1962	1962	1962	1956	1956	1956	1958
RECORD MAXIMUM	0.250	0.340	0.370	0.520	0.800	1.200	1.400	1.740	3.670	5.700	25.760
NORMILIZED MAX	1.326	1.575	1.359	1.711	1.845	2.123	2.108	1.611	2.141	2.406	1.698
CALC. COEF. VAR	0.333	0.294	0.260	0.248	0.305	0.304	0.266	0.271	0.454	0.568	0.466
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0121	0.0162	0.0190	0.0254	0.0356	0.0507	0.0624	0.0842	0.1294	0.1676	1.0000
RP10/A	0.0200	0.0269	0.0316	0.0422	0.0592	0.0843	0.1038	0.1400	0.2151	0.2786	1.5576
RP25/A	0.0245	0.0329	0.0386	0.0516	0.0723	0.1030	0.1268	0.1711	0.2629	0.3404	1.8498
RP50/A	0.0277	0.0372	0.0437	0.0583	0.0818	0.1165	0.1434	0.1935	0.2974	0.3850	2.0575
RP100/A	0.0308	0.0413	0.0486	0.0649	0.0910	0.1296	0.1596	0.2153	0.3308	0.4283	2.2574
RP1000/A	0.0407	0.0546	0.0642	0.0858	0.1202	0.1714	0.2109	0.2846	0.4373	0.5662	2.8849
RP10000/A	0.0502	0.0674	0.0792	0.1058	0.1483	0.2114	0.2602	0.3510	0.5394	0.6984	3.4781
PMP/A	0.1014	0.1360	0.1599	0.2135	0.2993	0.4266	0.5250	0.7083	1.0885	1.4094	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 5098 11	LOOMIS RANCH	54	4300	22	03N	11W	S	34.348	118.048	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1932	0.13	0.18	0.20	0.28	0.40	0.68	0.90	1.33	2.49	3.48	22.78
1933	0.14	0.18	0.19	0.22	0.35	0.67	1.00	1.44	2.72	3.43	13.85
1934	0.10	0.17	0.24	0.33	0.46	0.73	1.00	1.56	2.98	4.69	11.62
1935	0.25	0.40	0.44	0.61	0.61	0.72	0.97	1.20	2.04	2.27	24.31
1936	0.20	0.28	0.34	0.58	0.66	0.73	0.82	1.17	1.84	2.64	12.14
1937	0.08	0.10	0.14	0.24	0.43	0.72	1.01	1.20	1.80	2.50	29.03
1938	0.23	0.26	0.33	0.54	1.04	1.99	2.78	4.20	7.10	7.74	32.33
1939	0.20	0.33	0.38	0.50	0.60	0.87	1.05	1.61	3.54	5.44	22.55
1940	0.19	0.29	0.39	0.49	0.69	1.14	1.42	1.95	2.70	2.76	15.28
1941	0.08	0.14	0.19	0.34	0.48	0.77	1.00	1.44	2.00	2.95	40.56
1942	0.15	0.30	0.32	0.48	0.65	1.00	1.10	1.30	1.55	1.60	15.13
1943	0.38	0.77	1.15	2.31	2.70	2.70	2.70	3.45	6.35	9.44	34.46
1944	0.18	0.29	0.33	0.42	0.70	1.28	1.72	2.44	5.03	8.40	30.81
1945	0.19	0.26	0.32	0.36	0.48	0.82	1.12	1.47	2.13	3.00	19.99
1946	0.30	0.36	0.42	0.42	0.76	1.11	1.47	2.02	3.03	4.49	19.66
1947	0.34	0.56	0.68	0.77	0.78	0.80	0.81	0.81	1.12	1.65	21.51
1948	0.12	0.22	0.32	0.50	0.72	0.94	1.16	1.46	1.66	2.27	11.81
1949	0.05	0.06	0.07	0.13	0.24	0.39	0.51	0.68	1.06	1.33	10.32
1950	0.06	0.11	0.15	0.25	0.39	0.68	0.87	1.00	1.28	1.36	11.11
1951	0.10	0.11	0.14	0.26	0.36	0.51	0.68	1.06	1.46	2.80	8.75
1952	0.11	0.12	0.13	0.20	0.34	0.60	0.77	1.10	2.35	2.92	29.79
1953	0.13	0.17	0.20	0.25	0.32	0.40	0.45	0.53	0.70	0.95	11.46
1954	0.12	0.16	0.19	0.28	0.34	0.62	0.87	1.22	2.00	2.66	14.65
1955	0.03	0.06	0.09	0.15	0.27	0.53	0.76	1.08	1.38	2.05	13.58
1956	0.05	0.07	0.09	0.17	0.30	0.60	0.81	1.24	2.63	4.15	13.46
1957	0.09	0.14	0.16	0.24	0.38	0.70	1.00	1.45	2.24	2.40	12.44
1958	0.16	0.19	0.21	0.33	0.62	0.98	1.18	1.67	2.81	3.68	29.62
1959	0.38	0.54	0.68	1.20	1.33	1.33	1.35	1.35	1.85	1.87	9.41
1960	0.04	0.05	0.07	0.11	0.22	0.39	0.48	0.61	1.05	1.37	8.68
1961	0.14	0.21	0.32	0.48	0.62	0.81	0.85	1.05	1.10	1.80	7.11
1962	0.12	0.16	0.20	0.36	0.50	0.75	0.98	1.40	2.72	4.76	19.38
1963	0.08	0.12	0.18	0.29	0.44	0.62	0.88	1.34	2.08	3.12	12.87
1964	0.04	0.05	0.07	0.12	0.20	0.36	0.50	0.80	1.17	1.24	8.28
1965	0.04	0.06	0.08	0.14	0.24	0.45	0.65	0.80	1.35	1.80	12.78
1966	0.12	0.23	0.26	0.40	0.76	1.18	1.63	2.49	5.20	6.50	24.94
1967	0.10	0.17	0.21	0.32	0.50	0.70	0.87	1.20	2.17	3.45	22.60
1968	0.06	0.09	0.12	0.18	0.31	0.56	0.72	0.83	1.13	1.28	15.45
1970	0.15	0.25	0.30	0.40	0.55	0.80	1.00	1.37	2.20	3.00	13.13
1971	0.10	0.14	0.15	0.25	0.50	0.85	1.30	2.15	4.35	7.10	15.04

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 5098 11	LOOMIS RANCH	54	4300	22	03N	11W	S	34.348	118.048	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.13	0.19	0.24	0.37	0.51	0.75	0.95	1.31	2.19	3.02	16.78
5	0.19	0.29	0.36	0.56	0.77	1.13	1.44	1.98	3.30	4.55	23.69
10	0.24	0.36	0.45	0.68	0.95	1.38	1.75	2.41	4.02	5.56	28.06
20	0.28	0.42	0.52	0.79	1.11	1.62	2.05	2.82	4.70	6.50	32.07
25	0.29	0.43	0.54	0.83	1.16	1.69	2.14	2.95	4.91	6.79	33.32
40	0.31	0.47	0.59	0.90	1.26	1.84	2.33	3.21	5.35	7.39	35.87
50	0.33	0.49	0.62	0.94	1.31	1.91	2.42	3.33	5.56	7.68	37.06
100	0.36	0.55	0.68	1.04	1.45	2.13	2.70	3.71	6.18	8.54	40.66
200	0.40	0.60	0.75	1.14	1.60	2.34	2.96	4.07	6.79	9.39	44.15
1000	0.48	0.72	0.91	1.38	1.92	2.81	3.56	4.90	8.17	11.29	51.96
10000	0.59	0.89	1.12	1.70	2.37	3.47	4.40	6.05	10.08	13.93	62.65
PMP	1.19	1.80	2.25	3.43	4.78	7.00	8.87	12.20	20.35	28.11	130.41
MEAN	0.142	0.214	0.268	0.408	0.569	0.833	1.055	1.451	2.419	3.342	18.012
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.250	1.808	2.507	3.868	3.758	2.618	2.132	2.088	1.722	1.428	0.918
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.448 (INTERCEPT (TIME=1 HOUR) =0.575 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.03193 ; AVERAGE CALC CV / USED CV = 1.37

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	4.377	7.161	11.450	20.922	20.642	11.921	8.688	8.664	6.070	4.708	3.206
N	39	39	39	39	39	39	39	39	39	39	39
RECORD YEAR	1943	1943	1943	1943	1943	1943	1938	1938	1938	1943	1941
RECORD MAXIMUM	0.380	0.770	1.150	2.310	2.700	2.700	2.780	4.200	7.100	9.440	40.560
NORMILIZED MAX	2.643	3.657	4.300	5.093	5.090	4.285	3.500	3.812	3.246	2.941	2.701
CALC. COEF. VAR	0.636	0.710	0.766	0.916	0.736	0.523	0.467	0.497	0.596	0.620	0.463
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0079	0.0119	0.0149	0.0226	0.0316	0.0462	0.0586	0.0805	0.1343	0.1855	1.0000
RP10/A	0.0131	0.0198	0.0247	0.0376	0.0525	0.0769	0.0973	0.1339	0.2233	0.3084	1.5576
RP25/A	0.0160	0.0241	0.0302	0.0460	0.0641	0.0939	0.1190	0.1636	0.2729	0.3769	1.8498
RP50/A	0.0181	0.0273	0.0342	0.0520	0.0725	0.1062	0.1345	0.1850	0.3086	0.4263	2.0575
RP100/A	0.0201	0.0304	0.0380	0.0578	0.0807	0.1182	0.1497	0.2058	0.3433	0.4742	2.2574
RP1000/A	0.0266	0.0402	0.0503	0.0765	0.1067	0.1562	0.1979	0.2721	0.4538	0.6269	2.8849
RP10000/A	0.0328	0.0495	0.0620	0.0943	0.1316	0.1927	0.2441	0.3356	0.5598	0.7733	3.4781
PMP/A	0.0662	0.1000	0.1251	0.1904	0.2655	0.3889	0.4925	0.6773	1.1297	1.5604	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 5111 3	LOS ANGELES CO SUR	291	121	33	02S	13W	N S	33.949	118.25S	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1931	0.15	0.20	0.30	0.47	0.52	0.76	0.99	1.33	1.63	1.65	9.23
1932	0.15	0.20	0.25	0.33	0.42	0.53	0.60	0.75	1.50	1.68	13.21
1933	0.15	0.16	0.21	0.43	0.65	0.85	1.05	1.41	1.74	2.52	10.16
1934	0.22	0.30	0.39	0.58	0.87	1.32	1.72	2.10	3.00	4.91	10.50
1935	0.32	0.45	0.48	0.75	0.95	1.83	2.21	2.57	2.90	2.93	21.41
1936	0.14	0.20	0.30	0.47	0.71	0.88	1.08	1.10	1.14	1.71	10.03
1937	0.12	0.17	0.21	0.36	0.64	1.07	1.45	1.55	2.54	3.70	21.34
1938	0.39	0.43	0.47	0.51	0.80	1.06	1.29	1.93	2.57	4.05	19.01
1939	0.27	0.30	0.33	0.47	0.90	1.46	1.82	2.56	5.17	5.44	18.49
1940	0.22	0.28	0.31	0.43	0.56	0.80	0.90	1.32	1.66	1.93	12.30
1941	0.24	0.29	0.34	0.60	1.16	1.70	2.08	2.95	3.35	3.45	30.99
1942	0.25	0.40	0.41	0.42	0.55	0.80	0.92	1.10	1.37	1.38	11.65
1943	0.20	0.25	0.28	0.35	0.56	0.95	1.10	1.41	2.90	4.52	14.81
1944	0.12	0.18	0.24	0.37	0.56	0.65	0.78	0.98	1.76	3.08	15.48
1945	0.12	0.21	0.27	0.42	0.58	0.74	0.86	0.90	1.42	1.71	10.31
1946	0.12	0.22	0.24	0.31	0.47	0.59	0.93	1.02	1.34	2.20	8.62
1947	0.12	0.18	0.24	0.48	0.74	0.98	1.18	1.55	1.75	2.40	12.06
1948	0.06	0.09	0.13	0.22	0.32	0.54	0.60	0.73	0.74	1.12	5.70
1949	0.08	0.14	0.19	0.29	0.53	0.86	1.06	1.11	1.21	1.35	9.28
1950	0.12	0.19	0.21	0.35	0.54	0.84	1.00	1.18	1.58	1.58	9.77
1951	0.09	0.17	0.21	0.28	0.47	0.57	0.70	0.90	0.94	0.94	8.27
1952	0.18	0.31	0.33	0.39	0.60	1.04	1.43	2.04	3.13	3.76	23.61
1953	0.30	0.33	0.38	0.47	0.60	0.81	0.88	1.05	1.09	1.45	10.07
1954	0.18	0.25	0.29	0.43	0.84	1.45	1.84	2.42	3.13	3.17	12.43
1955	0.21	0.24	0.28	0.44	0.76	0.82	0.85	1.18	1.32	1.32	12.57
1956	0.17	0.19	0.22	0.39	0.68	1.00	1.56	2.29	4.53	5.80	13.60
1957	0.12	0.13	0.16	0.24	0.28	0.48	0.67	0.97	1.43	1.56	8.52
1958	0.24	0.41	0.42	0.52	0.69	0.96	1.12	1.55	2.80	2.80	21.51
1959	0.10	0.18	0.21	0.27	0.32	0.54	0.70	0.81	1.39	1.67	5.73
1960	0.17	0.24	0.27	0.34	0.56	0.93	1.12	1.60	1.90	1.96	10.44
1961	0.12	0.18	0.20	0.28	0.33	0.54	0.70	0.76	0.88	0.88	3.63
1962	0.18	0.24	0.29	0.48	0.76	1.22	1.41	1.58	2.95	3.58	17.83
1963	0.18	0.22	0.29	0.34	0.46	0.67	0.93	1.24	2.18	3.96	11.35
1964	0.13	0.24	0.27	0.36	0.52	0.58	0.80	1.06	1.35	1.37	6.96
1965	0.20	0.25	0.31	0.36	0.50	0.84	0.94	1.04	1.40	1.71	12.58
1966	0.22	0.27	0.30	0.38	0.53	0.75	1.04	1.52	2.60	3.10	16.50
1967	0.10	0.16	0.20	0.33	0.59	0.90	0.97	1.48	2.22	3.23	18.47
1968	0.19	0.26	0.32	0.55	0.78	1.24	1.66	2.42	3.37	3.50	13.62
1969	0.10	0.14	0.16	0.33	0.53	0.70	0.90	1.27	2.02	2.40	23.60
1970	0.20	0.38	0.42	0.50	0.50	0.76	0.78	1.00	1.46	1.96	7.06
1971	0.17	0.21	0.23	0.36	0.50	0.71	1.00	1.56	2.16	3.89	12.16

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 5111 3	LOS ANGELES CO SUR	291	121	33	02S	13W	N S	33.949	118.25S	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.16	0.22	0.26	0.37	0.55	0.81	1.01	1.31	1.88	2.37	12.38
5	0.24	0.33	0.38	0.55	0.82	1.22	1.52	1.97	2.84	3.56	17.48
10	0.29	0.40	0.47	0.67	1.01	1.49	1.85	2.40	3.47	4.35	20.70
20	0.34	0.47	0.55	0.79	1.18	1.74	2.16	2.81	4.05	5.09	23.66
25	0.35	0.49	0.57	0.82	1.23	1.82	2.26	2.94	4.24	5.32	24.58
40	0.38	0.53	0.62	0.90	1.34	1.98	2.46	3.20	4.61	5.79	26.47
50	0.40	0.55	0.65	0.93	1.39	2.06	2.56	3.32	4.79	6.01	27.34
100	0.44	0.61	0.72	1.04	1.55	2.29	2.84	3.70	5.33	6.69	30.00
200	0.49	0.67	0.79	1.14	1.70	2.52	3.12	4.06	5.86	7.35	32.58
1000	0.59	0.81	0.95	1.37	2.05	3.03	3.76	4.89	7.05	8.84	38.34
10000	0.72	1.00	1.18	1.69	2.52	3.73	4.64	6.03	8.69	10.91	46.22
PMP	1.46	2.02	2.38	3.41	5.09	7.53	9.36	12.16	17.54	22.01	96.21
MEAN	0.173	0.240	0.282	0.406	0.606	0.896	1.113	1.446	2.085	2.618	13.289
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.977	0.869	0.626	0.865	0.744	1.227	1.136	0.999	1.178	0.732	0.972
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.475 ; INTERCEPT (TIME=1 HOUR) =0.611 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.04595 ; AVERAGE CALC CV / USED CV = 0.67

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	4.404	3.542	3.192	4.620	4.213	4.582	3.830	3.376	4.640	2.979	4.131
N	41	41	41	41	41	41	41	41	41	41	41
RECORD YEAR	1938	1935	1935	1935	1941	1935	1935	1941	1939	1956	1941
RECORD MAXIMUM	0.390	0.450	0.480	0.750	1.160	1.830	2.210	2.950	5.170	5.800	30.990
NORMILIZED MAX	3.133	2.491	2.396	3.248	3.054	2.975	2.740	2.654	3.161	2.528	3.083
CALC. COEF. VAR	0.399	0.351	0.292	0.261	0.300	0.351	0.360	0.392	0.468	0.481	0.432
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0130	0.0181	0.0213	0.0305	0.0456	0.0674	0.0837	0.1088	0.1569	0.1970	1.0000
RP10/A	0.0217	0.0300	0.0353	0.0508	0.0757	0.1120	0.1392	0.1809	0.2608	0.3274	1.5576
RP25/A	0.0265	0.0367	0.0432	0.0620	0.0926	0.1369	0.1701	0.2210	0.3187	0.4001	1.8498
RP50/A	0.0300	0.0415	0.0488	0.0702	0.1047	0.1548	0.1924	0.2500	0.3605	0.4525	2.0575
RP100/A	0.0334	0.0462	0.0543	0.0781	0.1165	0.1722	0.2140	0.2781	0.4011	0.5034	2.2576
RP1000/A	0.0441	0.0610	0.0718	0.1032	0.1540	0.2277	0.2829	0.3676	0.5302	0.6655	2.8849
RP10000/A	0.0544	0.0753	0.0886	0.1273	0.1899	0.2809	0.3490	0.4535	0.6540	0.8209	3.4781
PMP/A	0.1097	0.1519	0.1787	0.2568	0.3833	0.5668	0.7042	0.9152	1.3197	1.6565	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
RSN ORDER SUB										
005 5111 17	LOS ANGELES HANCOCK	213	175	21	015	14W	P	S 34.065	118.360	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1930	0.15	0.24	0.30	0.32	0.40	0.67	0.90	1.06	1.38	2.07	11.14
1931	0.22	0.35	0.40	0.44	0.67	1.01	1.16	1.27	1.96	2.93	13.84
1932	0.16	0.19	0.24	0.30	0.43	0.70	0.98	1.32	1.99	2.27	16.97
1933	0.14	0.17	0.30	0.40	0.53	0.73	0.87	1.19	2.07	2.78	11.95
1934	0.13	0.20	0.27	0.34	0.64	1.10	1.42	2.09	3.74	6.86	14.19
1935	0.30	0.50	0.62	0.96	1.41	1.57	1.92	2.30	2.60	2.83	21.75
1936	0.17	0.22	0.27	0.39	0.60	0.89	1.02	1.26	1.58	1.62	13.31
1937	0.11	0.17	0.24	0.38	0.58	0.90	1.08	1.51	2.47	3.34	21.81
1938	0.30	0.36	0.43	0.58	0.93	1.69	2.15	3.13	4.45	5.67	23.77
1939	0.20	0.26	0.29	0.38	0.60	1.15	1.51	2.21	4.16	4.88	17.25
1940	0.26	0.39	0.51	0.59	0.80	1.06	1.07	1.27	1.80	2.50	13.61
1941	0.26	0.44	0.50	0.73	0.89	1.20	1.63	2.23	2.66	2.76	34.75
1942	0.10	0.13	0.18	0.30	0.39	0.71	0.79	0.88	1.27	1.61	12.36
1943	0.18	0.25	0.30	0.41	0.63	0.88	1.08	1.47	3.01	5.10	18.57
1944	0.16	0.30	0.33	0.52	0.74	1.05	1.22	1.43	1.49	2.74	17.54
1945	0.15	0.25	0.29	0.40	0.50	0.70	0.83	1.15	1.87	2.10	13.53
1946	0.14	0.17	0.26	0.35	0.48	0.90	1.06	1.29	1.90	2.71	11.77
1947	0.12	0.18	0.25	0.30	0.51	0.84	1.03	1.51	1.71	2.20	14.51
1948	0.12	0.17	0.19	0.30	0.48	0.80	1.00	1.07	1.07	1.10	7.36
1949	0.15	0.18	0.19	0.22	0.30	0.44	0.56	0.71	0.81	1.23	8.75
1950	0.10	0.17	0.20	0.29	0.49	0.82	0.98	1.18	1.47	1.47	10.91
1951	0.06	0.08	0.14	0.20	0.37	0.52	0.53	0.69	1.01	1.01	8.48
1952	0.12	0.22	0.28	0.40	0.54	0.83	1.32	1.85	3.02	4.00	27.30
1953	0.30	0.52	0.60	0.70	0.91	1.17	1.24	1.26	1.51	1.85	10.85
1954	0.16	0.22	0.28	0.56	0.94	1.60	2.09	2.66	3.39	3.41	13.53
1955	0.11	0.16	0.22	0.27	0.44	0.68	0.84	1.12	1.28	1.28	11.43
1956	0.14	0.24	0.30	0.36	0.66	1.04	1.62	2.31	4.29	5.69	16.88
1957	0.28	0.34	0.37	0.60	0.78	1.26	1.72	2.06	2.18	2.32	12.81
1958	0.24	0.26	0.28	0.37	0.66	1.20	1.49	1.87	2.70	2.70	22.80
1959	0.16	0.21	0.26	0.36	0.52	0.74	0.75	1.28	1.97	2.24	7.40
1960	0.09	0.16	0.22	0.35	0.56	0.96	1.19	1.46	1.80	1.82	9.29
1961	0.22	0.29	0.37	0.64	0.76	0.76	0.78	0.82	1.56	1.56	5.64
1962	0.32	0.48	0.58	0.93	1.04	1.04	1.22	1.74	2.89	4.00	23.73
1963	0.28	0.31	0.34	0.41	0.58	1.07	1.34	1.66	1.98	2.59	10.73
1964	0.10	0.16	0.24	0.30	0.44	0.78	1.03	1.50	1.78	1.78	7.78
1965	0.18	0.34	0.40	0.56	1.06	1.35	1.57	1.72	1.76	1.86	14.71
1966	0.20	0.32	0.36	0.51	0.75	1.07	1.34	1.95	3.14	4.20	19.30
1967	0.32	0.52	0.76	1.01	1.14	1.46	1.62	2.32	3.48	3.78	23.84
1968	0.28	0.52	0.73	0.91	1.36	2.27	2.83	2.89	3.42	5.91	17.78
1969	0.14	0.24	0.36	0.54	0.75	1.12	1.37	2.07	2.89	4.12	24.93
1970	0.12	0.15	0.20	0.30	0.38	0.62	0.90	1.18	1.31	1.31	7.31
1971	0.12	0.24	0.26	0.38	0.52	0.80	1.15	1.53	2.26	4.08	13.45

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
005 5111 17		LOS ANGELES HANCOCK	213	175	21	015	14W	P S	34.065	118.360	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.16	0.24	0.30	0.42	0.61	0.91	1.12	1.45	2.05	2.63	14.19
5	0.25	0.37	0.46	0.63	0.91	1.37	1.69	2.19	3.08	3.97	20.03
10	0.30	0.45	0.56	0.77	1.11	1.67	2.07	2.67	3.76	4.84	23.72
20	0.35	0.52	0.65	0.91	1.30	1.95	2.42	3.12	4.40	5.66	27.12
25	0.37	0.55	0.68	0.95	1.36	2.04	2.52	3.26	4.60	5.91	28.17
40	0.40	0.59	0.74	1.03	1.48	2.22	2.75	3.55	5.01	6.44	30.33
50	0.41	0.62	0.77	1.07	1.54	2.31	2.86	3.69	5.20	6.69	31.33
100	0.46	0.69	0.86	1.19	1.71	2.56	3.18	4.11	5.79	7.44	34.38
200	0.51	0.75	0.94	1.31	1.88	2.82	3.49	4.51	6.36	8.18	37.33
1000	0.61	0.91	1.14	1.57	2.27	3.39	4.20	5.43	7.65	9.84	43.93
10000	0.75	1.12	1.40	1.94	2.79	4.18	5.18	6.70	9.44	12.13	52.97
PMP	1.51	2.26	2.83	3.92	5.64	8.44	10.45	13.51	19.04	24.49	110.26
MEAN	0.180	0.268	0.336	0.466	0.670	1.004	1.243	1.606	2.264	2.911	15.229
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.591	0.914	1.426	1.302	1.163	1.408	1.306	0.725	0.725	0.949	0.923
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.467 ; INTERCEPT (TIME=1 HOUR) =0.687 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.04510 ; AVERAGE CALC CV / USED CV = 0.81

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	2.313	3.154	4.735	4.212	4.275	6.252	5.797	3.317	2.926	3.399	3.976
N	42	42	42	42	42	42	42	42	42	42	42
RECORD YEAR	1962	1953	1967	1967	1935	1968	1968	1938	1938	1934	1941
RECORD MAXIMUM	0.320	0.520	0.760	1.010	1.410	2.270	2.830	3.130	4.450	6.860	34.750
NORMILIZED MAX	1.931	2.159	2.908	2.680	2.860	3.635	3.526	2.658	2.355	2.710	3.092
CALC. COEF. VAR	0.403	0.434	0.434	0.436	0.386	0.347	0.362	0.357	0.410	0.501	0.415
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0118	0.0176	0.0221	0.0306	0.0440	0.0659	0.0816	0.1055	0.1487	0.1912	1.0000
RP10/A	0.0196	0.0293	0.0367	0.0508	0.0732	0.1095	0.1357	0.1753	0.2471	0.3178	1.5576
RP25/A	0.0240	0.0358	0.0448	0.0621	0.0894	0.1339	0.1658	0.2143	0.3020	0.3883	1.8498
RP50/A	0.0272	0.0405	0.0507	0.0703	0.1011	0.1514	0.1875	0.2423	0.3415	0.4392	2.0575
RP100/A	0.0302	0.0450	0.0564	0.0782	0.1125	0.1684	0.2086	0.2696	0.3799	0.4886	2.2574
RP1000/A	0.0399	0.0595	0.0745	0.1033	0.1487	0.2226	0.2757	0.3564	0.5022	0.6459	2.8849
RP10000/A	0.0493	0.0734	0.0919	0.1275	0.1835	0.2747	0.3401	0.4396	0.6196	0.7968	3.4781
PMP/A	0.0994	0.1482	0.1855	0.2572	0.3703	0.5542	0.6864	0.8871	1.2502	1.6078	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUP										
U05 5114 0	LOS ANGELES AIRPORT 734	105	06	03S	14W	B	S	33.942	118.386	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1946	*****	*****	*****	*****	0.16	0.30	0.41	0.56	0.80	1.09	9.40
1950	*****	*****	*****	*****	0.49	0.71	0.93	1.26	1.37	1.38	6.66
1951	*****	*****	*****	*****	0.53	0.83	1.10	1.81	2.43	2.69	11.06
1952	*****	*****	*****	*****	0.41	0.68	0.87	1.24	2.12	2.39	18.59
1953	*****	*****	*****	*****	0.68	0.81	0.84	0.96	1.05	1.05	4.76
1954	*****	*****	*****	*****	0.85	1.00	1.12	1.21	1.21	1.37	12.91
1955	*****	*****	*****	*****	0.36	0.70	0.86	1.10	1.40	1.42	10.14
1956	*****	*****	*****	*****	0.53	0.91	1.30	2.56	4.00	6.19	11.71
1957	*****	*****	*****	*****	0.43	0.68	0.83	1.44	1.66	1.77	12.29
1958	*****	*****	*****	*****	0.64	1.02	1.40	2.35	3.49	3.49	15.43
1959	*****	*****	*****	*****	0.41	0.72	0.85	1.04	1.44	1.65	6.44
1960	*****	*****	*****	*****	0.44	0.86	1.04	1.42	1.55	1.84	10.67
1961	*****	*****	*****	*****	0.41	0.70	0.96	1.07	1.22	1.27	5.05
1962	*****	*****	*****	*****	0.76	0.96	1.14	1.89	3.49	4.16	15.02
1963	*****	*****	*****	*****	0.54	0.90	1.12	1.66	2.37	3.64	13.51
1964	*****	*****	*****	*****	0.30	0.44	0.48	0.58	0.71	0.86	6.51
1965	*****	*****	*****	*****	0.40	0.69	0.76	1.19	1.66	2.13	16.81
1966	*****	*****	*****	*****	0.89	1.01	1.11	1.56	2.34	2.44	9.36
1967	*****	*****	*****	*****	0.97	1.46	1.54	2.46	3.02	5.60	15.90
1968	*****	*****	*****	*****	0.89	1.67	2.04	2.90	3.25	3.54	7.56
1969	*****	*****	*****	*****	0.72	1.20	1.57	2.74	3.42	3.75	15.70
1970	*****	*****	*****	*****	0.44	0.76	1.12	2.04	2.29	2.98	11.95
1971	*****	*****	*****	*****	0.50	0.99	1.28	2.01	2.20	2.25	8.30
1972	*****	*****	*****	*****	1.57	1.69	1.69	1.77	1.77	1.77	7.12
1973	*****	*****	*****	*****	0.65	0.70	0.96	1.49	1.80	1.82	12.93
1974	*****	*****	*****	*****	0.86	1.23	1.35	1.77	2.23	2.28	12.76
1975	*****	*****	*****	*****	0.44	0.63	0.65	1.10	1.67	1.77	7.32

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUP										
U05 5114 0	LOS ANGELES AIRPORT 734	105	06	03S	14W	B	S	33.942	118.386	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.62	0.87	1.02	1.49	1.89	2.24	10.21
5	0.0	0.0	0.0	0.0	0.94	1.31	1.54	2.24	2.85	3.37	14.41
10	0.0	0.0	0.0	0.0	1.14	1.60	1.88	2.74	3.48	4.11	17.07
20	0.0	0.0	0.0	0.0	1.34	1.87	2.19	3.20	4.07	4.81	19.51
25	0.0	0.0	0.0	0.0	1.40	1.95	2.29	3.34	4.25	5.03	20.27
40	0.0	0.0	0.0	0.0	1.52	2.13	2.50	3.64	4.63	5.48	21.82
50	0.0	0.0	0.0	0.0	1.58	2.21	2.59	3.78	4.81	5.69	22.55
100	0.0	0.0	0.0	0.0	1.76	2.46	2.88	4.21	5.35	6.33	24.74
200	0.0	0.0	0.0	0.0	1.93	2.70	3.17	4.62	5.88	6.95	26.86
1000	0.0	0.0	0.0	0.0	2.32	3.25	3.81	5.56	7.07	8.36	31.61
10000	0.0	0.0	0.0	0.0	2.86	4.01	4.70	6.86	8.72	10.32	38.11
PMP	0.0	0.0	0.0	0.0	5.78	8.08	9.49	13.85	17.60	20.82	79.34
MEAN	0.0	0.0	0.0	0.0	0.687	0.961	1.129	1.646	2.093	2.476	10.958
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	1.607	0.953	0.555	0.373	0.575	1.281	0.145
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.545 ; INTERCEPT (TIME=1 HOUR) =0.691 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.06303 ; AVERAGE CALC CV / USED CV = 0.79

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	7.286	4.313	3.970	2.766	2.778	4.635	2.364
N	0	0	0	0	27	27	27	27	27	27	27
RECORD YEAR	0	0	0	0	1972	1972	1968	1968	1956	1956	1952
RECORD MAXIMUM	0.0	0.0	0.0	0.0	1.570	1.690	2.040	2.900	4.000	6.190	18.590
NORMALIZED MAX	0.0	0.0	0.0	0.0	2.754	2.081	2.409	1.967	2.126	2.764	1.894
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.467	0.364	0.335	0.387	0.429	0.543	0.349
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0	0.0	0.0627	0.0877	0.1030	0.1502	0.1910	0.2259	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.1042	0.1458	0.1712	0.2497	0.3174	0.3755	1.5576
RP25/A	0.0	0.0	0.0	0.0	0.1273	0.1781	0.2092	0.3052	0.3879	0.4589	1.8498
RP50/A	0.0	0.0	0.0	0.0	0.1440	0.2015	0.2366	0.3451	0.4387	0.5190	2.0575
RP100/A	0.0	0.0	0.0	0.0	0.1602	0.2241	0.2632	0.3840	0.4880	0.5774	2.2574
RP1000/A	0.0	0.0	0.0	0.0	0.2118	0.2963	0.3480	0.5076	0.6451	0.7632	2.8849
RP10000/A	0.0	0.0	0.0	0.0	0.2613	0.3655	0.4292	0.6261	0.7959	0.9415	3.4781
PMP/A	0.0	0.0	0.0	0.0	0.5272	0.7375	0.8661	1.2635	1.6059	1.8998	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
005 5115 0	LOS ANGELES CIVIC CENTER	270	27	015	13W	M	S	34.053	118.237	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1898	*****	*****	*****	*****	0.44	0.72	0.96	1.27	1.46	1.46	4.83
1899	*****	*****	*****	*****	0.37	0.70	0.95	1.29	1.69	1.70	8.69
1900	*****	*****	*****	*****	0.75	1.03	1.41	2.35	3.26	3.76	11.30
1901	*****	0.27	*****	*****	0.68	1.04	1.19	1.50	2.05	2.55	11.96
1902	*****	0.38	*****	*****	0.68	0.80	1.04	1.45	1.67	1.95	13.12
1903	0.14	0.23	0.26	0.46	0.59	1.01	1.39	1.77	2.49	3.35	14.77
1904	0.12	0.19	0.23	0.32	0.54	0.86	1.05	1.49	2.08	2.20	11.88
1905	0.22	0.34	0.46	0.68	0.86	0.88	0.88	1.19	1.30	2.41	19.19
1906	0.22	0.27	0.32	0.47	0.60	0.75	0.89	1.41	1.78	2.20	21.46
1907	0.18	0.31	0.36	0.50	0.55	0.62	0.72	1.02	1.21	1.81	15.30
1908	0.44	0.53	0.55	0.60	0.75	0.88	1.01	1.27	1.60	1.86	13.74
1909	0.15	0.21	0.24	0.34	0.50	0.68	0.90	1.62	2.33	3.17	23.92
1910	0.15	0.24	0.31	0.41	0.50	0.58	0.61	0.78	0.87	1.02	4.89
1911	0.14	0.25	0.29	0.39	0.46	0.54	0.67	1.22	2.06	2.97	17.85
1912	0.15	0.20	0.25	0.37	0.60	1.02	1.21	1.38	1.93	2.04	9.78
1913	0.38	0.66	0.81	1.12	1.51	1.99	2.28	2.97	3.89	4.26	23.21
1914	0.24	0.40	0.49	0.68	0.86	1.29	1.64	2.28	4.46	5.12	17.17
1915	0.27	0.37	0.47	0.76	0.90	1.13	1.24	2.10	2.89	3.70	16.67
1916	0.25	0.42	0.46	0.60	0.87	1.44	1.99	2.65	3.32	4.20	23.29
1917	0.13	0.14	0.14	0.20	0.26	0.48	0.65	1.03	1.28	1.53	8.45
1918	0.15	0.27	0.33	0.39	0.50	0.75	0.79	1.24	1.74	2.12	17.49
1919	0.14	0.19	0.23	0.30	0.52	0.68	0.71	0.77	0.92	1.24	8.82
1920	0.14	0.23	0.27	0.35	0.50	0.82	0.88	1.10	1.13	1.40	11.18
1921	0.17	0.27	0.31	0.36	0.55	0.79	1.05	1.53	1.97	2.37	19.85
1922	0.13	0.17	0.23	0.43	0.61	1.00	1.22	1.52	1.84	2.56	15.27
1923	0.11	0.16	0.19	0.26	0.29	0.40	0.45	0.53	0.59	0.73	6.25
1924	0.09	0.10	0.13	0.25	0.30	0.48	0.55	0.74	1.00	1.11	8.11
1925	0.18	0.25	0.32	0.44	0.75	0.94	1.10	1.55	1.82	1.91	8.94
1926	0.41	0.50	0.56	0.90	1.22	1.40	1.80	2.07	2.78	3.14	18.56
1927	0.16	0.27	0.37	0.60	0.77	1.28	1.68	2.31	2.50	3.35	18.63
1928	0.10	0.13	0.21	0.36	0.60	1.01	1.32	1.33	1.33	1.36	8.69
1929	0.19	0.28	0.29	0.36	0.58	0.83	1.18	1.79	2.14	2.49	8.32
1930	0.16	0.24	0.31	0.38	0.39	0.58	0.71	1.24	1.56	2.40	13.02
1931	0.23	0.33	0.42	0.61	0.70	0.85	1.04	1.30	1.85	2.14	18.93
1932	0.12	0.14	0.14	0.28	0.42	0.68	0.82	1.07	1.89	2.17	10.72
1933	0.25	0.48	0.59	0.68	0.81	0.99	1.25	2.14	3.47	4.86	18.76
1934	0.22	0.36	0.49	0.89	0.96	1.49	2.03	2.92	4.16	7.29	14.67
1935	0.38	0.46	0.50	0.62	1.18	1.52	1.77	2.29	2.49	2.75	14.49
1936	0.20	0.29	0.33	0.43	0.60	0.85	0.97	1.33	1.85	1.96	18.24
1937	0.16	0.20	0.22	0.33	0.63	0.97	1.24	1.65	2.81	3.50	17.97
1938	0.21	0.33	0.43	0.66	0.90	1.44	1.90	3.37	4.84	6.28	27.16
1939	0.09	0.15	0.20	0.37	0.67	1.25	1.71	2.87	4.56	5.42	12.06
1940	0.23	0.32	0.35	0.37	0.53	0.83	1.09	1.50	1.80	1.93	20.26
1941	0.26	0.36	0.43	0.57	0.83	1.03	1.38	2.42	2.78	3.26	31.28
1942	0.11	0.15	0.20	0.28	0.33	0.51	0.63	0.85	1.02	1.03	7.40
1943	0.20	0.25	0.35	0.63	1.09	1.57	1.80	2.09	2.72	3.96	22.57
1944	0.19	0.26	0.34	0.63	0.83	1.38	1.71	1.91	2.50	4.02	17.45
1945	0.21	0.26	0.31	0.36	0.47	0.66	0.75	0.91	1.74	3.01	12.78
1946	0.12	0.20	0.27	0.40	0.55	0.85	1.20	1.67	1.84	2.31	16.22
1947	0.12	0.19	0.28	0.36	0.47	0.65	0.78	0.84	0.86	1.02	4.13
1948	0.22	0.33	0.41	0.55	0.72	1.02	1.23	1.39	1.39	1.39	7.59
1949	0.14	0.21	0.28	0.38	0.38	0.40	0.44	0.78	1.46	2.07	10.63
1950	0.11	0.18	0.22	0.31	0.46	0.62	0.76	1.01	1.25	1.31	7.38
1951	0.11	0.22	0.29	0.44	0.46	0.60	0.72	1.46	2.21	2.86	14.33
1952	0.24	0.40	0.45	0.50	0.63	0.85	1.04	1.90	3.06	3.98	24.95
1953	0.09	0.15	0.18	0.25	0.39	0.52	0.71	0.84	1.02	1.03	4.08
1954	0.12	0.21	0.29	0.47	0.79	1.26	1.51	2.23	2.67	2.88	13.69
1955	0.18	0.29	0.33	0.47	0.55	0.64	0.67	0.94	1.10	1.29	11.89
1956	0.16	0.28	0.35	0.54	0.95	1.54	2.02	3.11	4.76	6.11	13.62
1957	0.18	0.28	0.36	0.38	0.38	0.61	0.84	1.46	1.93	2.05	13.24
1958	0.18	0.34	0.38	0.62	0.85	1.09	1.18	1.48	2.32	3.48	17.49
1959	0.18	0.23	0.29	0.31	0.36	0.45	0.60	0.90	1.13	1.24	6.23
1960	0.12	0.16	0.23	0.35	0.50	0.84	1.04	1.31	1.32	1.37	9.57
1961	0.17	0.24	0.29	0.35	0.50	0.72	0.88	1.22	1.23	1.23	5.83
1962	0.13	0.21	0.27	0.39	0.60	0.92	1.10	1.38	2.29	3.02	15.37
1963	0.13	0.19	0.23	0.32	0.49	0.75	0.93	1.43	1.86	2.49	12.31
1964	0.13	0.19	0.21	0.26	0.40	0.70	0.81	0.91	0.91	1.12	7.98
1965	0.33	0.64	0.80	0.95	1.29	1.37	1.39	2.26	3.50	3.92	26.81
1966	0.21	0.36	0.48	0.73	0.96	1.17	1.49	2.47	3.53	3.85	12.91
1967	0.42	0.70	1.05	1.51	1.87	2.11	2.23	2.31	2.78	3.69	23.66
1968	0.13	0.22	0.24	0.33	0.45	0.83	0.91	1.75	3.03	3.03	7.58
1969	0.22	0.31	0.41	0.43	0.72	1.10	1.41	2.15	3.02	4.35	26.32
1970	0.18	0.26	0.31	0.32	0.44	0.65	1.01	1.78	2.16	4.07	16.54
1971	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	9.26
1972	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	6.54
1973	0.16	0.29	0.41	0.54	0.83	1.39	1.65	2.39	2.74	2.74	17.54
1974	0.22	0.32	0.38	0.66	0.99	1.22	1.31	1.77	2.23	2.28	16.69
1975	*****	*****	*****	*****	0.35	0.59	0.79	1.04	1.73	1.84	10.70

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
U05 5115 0	LOS ANGELES CIVIC CENTER	270	27	01S	13W	M	S	34.053	118.237	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS M=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.17	0.26	0.31	0.44	0.59	0.84	1.03	1.46	1.96	2.44	13.26
5	0.25	0.39	0.47	0.66	0.90	1.27	1.56	2.20	2.95	3.67	18.72
10	0.31	0.47	0.58	0.81	1.09	1.55	1.90	2.68	3.60	4.48	22.17
20	0.36	0.55	0.68	0.95	1.28	1.81	2.22	3.13	4.21	5.24	25.35
25	0.38	0.58	0.71	0.99	1.34	1.89	2.32	3.28	4.40	5.48	26.33
40	0.41	0.63	0.77	1.08	1.46	2.06	2.53	3.57	4.80	5.97	28.35
50	0.43	0.65	0.80	1.12	1.51	2.14	2.63	3.70	4.98	6.20	29.29
100	0.48	0.72	0.89	1.25	1.68	2.38	2.92	4.12	5.54	6.90	32.14
200	0.52	0.80	0.98	1.37	1.85	2.62	3.21	4.53	6.09	7.58	34.90
1000	0.63	0.96	1.18	1.65	2.22	3.15	3.86	5.45	7.32	9.12	41.07
10000	0.78	1.18	1.45	2.03	2.74	3.89	4.76	6.72	9.03	11.24	49.51
PMP	1.57	2.38	2.93	4.10	5.54	7.84	9.61	13.56	18.23	22.69	103.07
MEAN	0.187	0.283	0.348	0.487	0.658	0.932	1.143	1.613	2.168	2.698	14.236
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.545	1.481	2.023	2.057	1.634	0.990	0.738	0.712	0.897	1.052	0.490
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
KURTOSIS	5.533	5.711	9.160	9.285	7.103	4.105	3.000	3.061	3.557	4.308	2.858
N	70	72	70	70	76	76	76	76	76	76	78
RECORD YEAR	1908	1967	1967	1967	1967	1967	1913	1938	1938	1934	1941
RECORD MAXIMUM	0.440	0.700	1.050	1.510	1.870	2.110	2.280	3.370	4.840	7.290	31.280
NORMALIZED MAX	3.251	3.446	4.492	4.660	4.265	3.315	2.622	2.787	2.732	3.408	2.789
CALC. COEF. VAR	0.418	0.426	0.449	0.452	0.431	0.381	0.379	0.391	0.451	0.500	0.429
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0131	0.0199	0.0245	0.0342	0.0462	0.0655	0.0803	0.1133	0.1523	0.1895	1.0000
RP10/A	0.0218	0.0331	0.0406	0.0569	0.0769	0.1089	0.1334	0.1883	0.2531	0.3150	1.5576
RP25/A	0.0266	0.0404	0.0497	0.0695	0.0939	0.1330	0.1631	0.2301	0.3093	0.3849	1.8498
RP50/A	0.0301	0.0457	0.0562	0.0786	0.1063	0.1505	0.1844	0.2602	0.3498	0.4354	2.0575
RP100/A	0.0335	0.0509	0.0625	0.0875	0.1182	0.1674	0.2052	0.2895	0.3892	0.4844	2.2574
RP1000/A	0.0443	0.0673	0.0826	0.1156	0.1563	0.2213	0.2712	0.3827	0.5145	0.6403	2.8849
RP10000/A	0.0546	0.0830	0.1019	0.1427	0.1928	0.2730	0.3346	0.4721	0.6346	0.7898	3.4781
PMP/A	0.1102	0.1675	0.2057	0.2879	0.3890	0.5508	0.6752	0.9527	1.2806	1.5938	7.2400

SLOPE OF LOG INTENSITY / LOG TIME = -.506 ; INTERCEPT (TIME=1 HOUR) =0.669 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.04699 ; AVERAGE CALC CV / USED CV = 0.85

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 5781 5	MONROVIA FALLS	150		1S	00W			34.185	117.987	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1929	0.12	0.18	0.22	0.29	0.48	0.81	1.18	1.89	3.47	3.92	23.88
1930	0.23	0.29	0.41	0.51	0.74	1.23	1.48	1.70	2.13	3.32	21.22
1931	0.22	0.42	0.62	0.93	1.04	1.24	1.34	1.77	2.65	3.22	23.01
1932	0.27	0.39	0.49	0.82	1.18	1.72	2.07	2.40	3.75	5.13	34.79
1933	0.14	0.22	0.24	0.33	0.46	0.85	1.29	1.94	3.69	5.88	18.22
1934	0.14	0.21	0.25	0.42	0.89	1.54	2.29	3.46	7.20	10.20	29.65
1935	0.21	0.29	0.35	0.60	1.13	2.10	2.76	3.66	4.81	5.44	34.21
1936	0.22	0.38	0.79	1.05	1.39	1.91	2.03	2.55	3.37	4.76	27.35
1937	0.21	0.40	0.50	0.78	1.03	1.39	2.04	2.32	3.98	4.90	42.79
1938	0.38	0.52	0.59	0.76	1.50	2.96	4.08	5.00	10.10	14.02	47.91
1939	0.17	0.18	0.25	0.49	0.96	1.54	1.78	2.04	2.25	3.27	29.82
1940	0.26	0.30	0.37	0.55	0.85	0.98	1.35	1.98	3.90	6.90	24.10
1941	0.34	0.53	0.58	0.88	1.02	1.58	1.97	2.05	2.49	4.66	53.07
1942	0.10	0.15	0.18	0.27	0.52	0.72	0.90	1.05	2.00	2.47	19.80
1943	0.40	0.56	0.71	0.97	1.35	2.68	3.42	4.90	9.18	15.33	53.30
1944	0.24	0.29	0.34	0.63	0.86	1.20	1.61	2.47	4.20	5.63	33.78
1945	0.30	0.45	0.51	0.63	0.88	1.25	1.57	2.07	3.30	4.59	29.01
1946	0.20	0.26	0.38	0.52	0.90	1.42	1.91	2.71	4.54	7.22	25.40
1947	0.12	0.16	0.22	0.35	0.60	1.00	1.62	2.28	4.45	4.45	28.52
1948	0.18	0.28	0.32	0.46	0.67	0.93	1.10	1.31	1.60	1.75	14.56
1949	0.25	0.34	0.35	0.38	0.54	0.65	0.80	1.02	1.76	2.29	19.60
1950	0.15	0.22	0.30	0.50	0.85	1.25	1.55	1.85	3.28	4.22	23.30

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 5781 5	MONROVIA FALLS	150		1S	00W			34.185	117.987	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.20	0.29	0.37	0.54	0.81	1.26	1.65	2.16	3.62	5.08	27.84
5	0.30	0.43	0.56	0.81	1.23	1.90	2.48	3.25	5.45	7.65	39.29
10	0.37	0.53	0.68	0.99	1.50	2.32	3.03	3.97	6.66	9.34	46.56
20	0.43	0.62	0.79	1.16	1.75	2.72	3.55	4.64	7.78	10.92	53.20
25	0.45	0.65	0.83	1.21	1.83	2.84	3.71	4.85	8.13	11.41	55.26
40	0.49	0.71	0.90	1.32	2.00	3.09	4.04	5.28	8.86	12.43	59.50
50	0.51	0.73	0.94	1.37	2.07	3.21	4.19	5.48	9.20	12.90	61.47
100	0.56	0.81	1.04	1.52	2.30	3.57	4.66	6.10	10.23	14.36	67.44
200	0.62	0.89	1.15	1.67	2.53	3.93	5.12	6.70	11.25	15.77	73.24
1000	0.74	1.08	1.38	2.01	3.05	4.72	6.16	8.07	13.53	18.98	86.19
10000	0.92	1.33	1.70	2.49	3.76	5.83	7.60	9.95	16.69	23.41	103.91
PMP	1.85	2.68	3.43	5.02	7.58	11.75	15.34	20.08	33.68	47.24	216.31
MEAN	0.220	0.319	0.408	0.596	0.902	1.398	1.824	2.387	4.005	5.617	29.877
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.657	0.516	0.712	0.465	0.314	1.183	1.482	1.373	1.675	1.805	1.003
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.410 ; INTERCEPT (TIME=1 HOUR) =0.925 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.03096 ; AVERAGE CALC CV / USED CV = 0.79

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	3.322	2.647	3.033	2.535	2.903	4.776	5.802	5.062	5.848	6.253	3.626
N	22	22	22	22	22	22	22	22	22	22	22
RECORD YEAR	1943	1943	1936	1936	1938	1938	1938	1938	1938	1943	1943
RECORD MAXIMUM	0.400	0.560	0.790	1.050	1.500	2.960	4.080	5.000	10.100	15.330	53.300
NORMILIZED MAX	2.190	1.959	2.254	1.969	2.039	2.726	2.887	2.503	2.755	2.802	2.156
CALC. COEF. VAR	0.372	0.387	0.416	0.386	0.325	0.410	0.428	0.437	0.552	0.617	0.364
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0074	0.0107	0.0136	0.0200	0.0302	0.0468	0.0611	0.0799	0.1340	0.1880	1.0000
RP10/A	0.0123	0.0177	0.0227	0.0332	0.0502	0.0778	0.1015	0.1328	0.2228	0.3125	1.5576
RP25/A	0.0150	0.0217	0.0277	0.0405	0.0613	0.0950	0.1240	0.1623	0.2723	0.3819	1.8498
RP50/A	0.0170	0.0245	0.0314	0.0459	0.0693	0.1075	0.1403	0.1836	0.3079	0.4319	2.0575
RP100/A	0.0189	0.0273	0.0349	0.0510	0.0771	0.1196	0.1560	0.2042	0.3426	0.4805	2.2574
RP1000/A	0.0249	0.0360	0.0461	0.0674	0.1020	0.1581	0.2063	0.2700	0.4528	0.6352	2.8849
RP10000/A	0.0308	0.0444	0.0569	0.0832	0.1258	0.1950	0.2545	0.3330	0.5586	0.7835	3.4781
PMP/A	0.0621	0.0897	0.1148	0.1679	0.2539	0.3934	0.5135	0.6720	1.1272	1.5811	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. 8SN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
U05 6006 0	MT WILSON	33R	5709	30	02N	11W	J S	34.227	118.066	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1933	0.11	0.18	0.31	0.42	0.75	1.47	1.99	3.07	6.81	11.21	******
1934	0.19	0.28	0.35	0.50	0.84	1.37	2.00	3.25	7.72	11.45	30.68
1935	0.17	0.25	0.41	0.64	0.80	1.30	1.47	1.95	3.70	4.35	45.73
1936	0.27	0.46	0.56	0.77	0.97	1.26	1.88	2.71	3.55	5.82	28.72
1937	0.21	0.29	0.35	0.51	0.70	1.35	1.81	2.19	3.25	4.54	53.21
1938	0.27	0.50	0.62	0.78	1.32	2.36	3.30	5.44	10.44	12.99	59.89
1939	0.15	0.24	0.36	0.44	0.79	1.55	2.04	3.15	6.36	10.16	39.60
1940	0.13	0.29	0.38	0.63	0.89	1.30	1.76	2.45	2.35	4.43	27.84
1941	0.23	0.36	0.50	0.76	1.01	1.66	2.21	2.94	3.86	6.92	66.80
1942	0.15	0.21	0.29	0.37	0.53	0.65	0.89	1.10	1.47	1.79	21.53
1943	0.31	0.44	0.52	0.70	1.05	1.90	2.84	4.02	7.87	16.80	56.51
1944	0.37	0.44	0.51	0.96	1.31	1.83	2.45	3.32	5.80	9.20	42.19
1945	0.24	0.38	0.48	0.79	1.26	1.96	2.40	3.12	4.77	7.67	33.01
1946	0.13	0.23	0.27	0.47	0.95	1.35	1.99	3.17	5.41	7.44	32.82
1947	0.08	0.12	0.15	0.23	0.43	0.65	0.85	1.16	1.47	2.25	43.23
1948	0.17	0.22	0.31	0.47	0.84	1.22	1.36	2.27	2.94	2.98	17.04
1949	0.17	0.22	0.25	0.32	0.50	0.89	1.41	2.03	3.82	5.15	22.04
1950	0.07	0.13	0.17	0.32	0.52	0.92	1.19	1.61	2.08	2.35	22.83
1951	0.13	0.21	0.30	0.45	0.57	0.95	1.38	1.87	2.27	4.30	15.38
1952	0.13	0.23	0.32	0.56	0.85	1.44	1.89	2.45	4.21	5.57	52.44
1953	0.07	0.12	0.16	0.21	0.39	0.75	1.11	1.30	1.64	1.80	19.81
1954	0.13	0.22	0.27	0.39	0.66	1.15	1.42	1.99	3.31	5.26	26.37
1955	0.11	0.14	0.17	0.28	0.52	0.95	1.42	2.05	3.27	4.10	25.95
1956	0.07	0.11	0.15	0.27	0.53	1.05	1.28	2.32	4.12	6.33	24.42
1957	0.10	0.13	0.18	0.23	0.36	0.69	1.04	1.48	2.54	2.90	22.92
1958	0.18	0.25	0.34	0.55	0.78	1.27	1.57	2.16	3.85	4.92	45.91
1959	0.40	0.43	0.48	0.56	0.65	0.85	1.20	1.82	3.30	3.62	14.34
1960	0.09	0.12	0.14	0.22	0.31	0.59	0.78	1.00	1.87	2.51	13.65
1961	0.13	0.20	0.25	0.40	0.50	0.66	0.80	1.10	2.07	2.20	11.98
1962	0.15	0.25	0.33	0.43	0.70	1.36	1.87	2.85	5.65	9.05	37.20
1963	0.12	0.20	0.24	0.42	0.72	1.30	1.70	2.40	4.75	6.03	20.54
1964	0.18	0.21	0.26	0.39	0.52	0.85	1.17	1.65	2.27	3.26	16.94
1965	0.12	0.21	0.26	0.40	0.60	0.90	1.22	1.75	3.30	4.73	32.04
1966	0.15	0.28	0.36	0.66	1.32	1.97	3.00	4.46	6.88	9.15	46.18
1967	0.45	0.73	0.90	1.00	1.00	1.47	2.12	3.32	6.35	7.45	55.95
1968	0.36	0.52	0.60	1.00	1.10	1.78	2.35	2.88	5.45	7.45	26.32

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 8SN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
U05 6006 0	MT WILSON	33R	5709	30	02N	11W	J S	34.227	118.066	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.16	0.25	0.31	0.46	0.69	1.13	1.54	2.20	3.81	5.47	30.67
5	0.25	0.37	0.47	0.70	1.04	1.70	2.31	3.32	5.74	8.25	43.29
10	0.30	0.45	0.58	0.85	1.27	2.08	2.82	4.05	7.01	10.07	51.27
20	0.35	0.53	0.67	1.00	1.49	2.43	3.30	4.74	8.19	11.78	58.61
25	0.37	0.55	0.71	1.04	1.55	2.54	3.45	4.95	8.56	12.31	60.88
40	0.40	0.60	0.77	1.13	1.69	2.76	3.76	5.40	9.33	13.41	65.55
50	0.41	0.63	0.80	1.18	1.76	2.87	3.90	5.60	9.69	13.92	67.72
100	0.46	0.70	0.89	1.31	1.96	3.19	4.34	6.23	10.77	15.49	74.30
200	0.51	0.76	0.98	1.44	2.15	3.51	4.77	6.85	11.84	17.02	80.68
1000	0.61	0.92	1.17	1.73	2.58	4.22	5.74	8.24	14.24	20.47	94.96
10000	0.75	1.13	1.45	2.14	3.19	5.21	7.08	10.16	17.57	25.25	114.48
PMP	1.52	2.29	2.92	4.31	6.43	10.51	14.29	20.51	35.46	50.96	238.30
MEAN	0.180	0.272	0.347	0.512	0.765	1.249	1.699	2.439	4.216	6.059	32.914
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.294	1.383	1.276	0.715	0.497	0.475	0.671	0.922	1.005	1.129	0.585
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.383 ; INTERCEPT (TIME=1 HOUR) =0.814 ; COEFFICIENT OF DETERMINATION = 0.994
1HR INTERCEPT / MEAN YR =0.02474 ; AVERAGE CALC CV / USED CV = 0.87

KURTOSIS	4.229	5.322	5.562	3.008	2.696	2.957	3.324	4.517	3.986	4.507	2.545
N	36	36	36	36	36	36	36	36	36	36	35
RECORD YEAR	1967	1967	1967	1967	1938	1938	1938	1938	1938	1943	1941
RECORD MAXIMUM	0.450	0.730	0.900	1.000	1.320	2.360	3.300	5.440	10.440	16.800	66.800
NORMALIZED MAX	2.792	3.329	3.404	2.214	1.986	2.535	2.579	3.075	2.901	3.107	2.278
CALC. COEF. VAR	0.536	0.505	0.468	0.430	0.365	0.351	0.365	0.400	0.509	0.571	0.452
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0055	0.0083	0.0105	0.0156	0.0232	0.0380	0.0516	0.0741	0.1281	0.1841	1.0000
RP10/A	0.0091	0.0137	0.0175	0.0259	0.0386	0.0631	0.0858	0.1232	0.2129	0.3060	1.5576
RP25/A	0.0111	0.0168	0.0214	0.0316	0.0472	0.0771	0.1048	0.1505	0.2602	0.3739	1.8498
RP50/A	0.0126	0.0190	0.0242	0.0358	0.0534	0.0872	0.1186	0.1702	0.2943	0.4229	2.0575
RP100/A	0.0140	0.0211	0.0270	0.0398	0.0594	0.0970	0.1319	0.1894	0.3274	0.4705	2.2574
RP1000/A	0.0185	0.0279	0.0356	0.0526	0.0785	0.1282	0.1744	0.2503	0.4327	0.6220	2.8849
RP10000/A	0.0228	0.0345	0.0440	0.0649	0.0969	0.1582	0.2151	0.3088	0.5338	0.7672	3.4781
PMP/A	0.0461	0.0696	0.0887	0.1309	0.1955	0.3192	0.4341	0.6232	1.0772	1.5482	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
005 6465 0	ORIOS CAMP	57	4250	14	02N	12W	S	34.255	118.094	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
YEAR											
1926	1.17	1.18	1.18	1.52	2.21	3.83	4.53	6.62	9.64	12.26	49.46
1927	0.17	0.26	0.36	0.56	0.88	1.40	1.95	3.02	5.80	9.43	46.48
1928	0.21	0.34	0.37	0.59	1.07	1.86	2.56	3.45	5.73	6.60	24.83
1929	0.20	0.25	0.32	0.60	0.92	1.36	1.69	2.13	3.65	5.71	29.51
1930	0.49	0.64	0.69	1.22	1.63	1.74	1.80	2.72	2.91	5.28	28.56
1931	0.18	0.21	0.33	0.56	0.88	1.32	1.60	2.42	3.90	5.26	31.83
1932	0.32	0.36	0.45	0.62	1.15	1.80	2.46	3.36	4.85	5.81	47.05
1933	0.16	0.20	0.27	0.53	0.92	1.63	2.20	3.43	7.66	13.78	30.18
1934	0.22	0.33	0.37	0.61	1.00	1.85	2.36	2.86	5.11	5.91	34.88
1935	0.58	0.66	0.72	0.80	1.04	1.42	1.95	2.97	5.24	6.38	53.07
1936	0.17	0.27	0.37	0.66	0.89	1.55	2.15	3.10	4.19	5.45	32.54
1937	0.22	0.23	0.29	0.51	0.84	1.42	1.91	3.14	4.48	5.33	57.66
1938	0.42	0.62	0.82	1.20	1.80	3.32	4.95	7.24	13.38	15.96	66.65
1939	0.19	0.26	0.31	0.47	0.80	1.38	1.83	2.76	5.45	8.23	36.87
1940	0.29	0.38	0.40	0.54	0.73	1.32	1.71	2.56	4.35	4.53	27.59
1941	0.29	0.47	0.64	0.82	1.22	1.77	2.13	2.70	4.51	7.54	78.38
1942	0.13	0.24	0.27	0.40	0.54	0.91	0.99	1.39	2.80	3.13	24.54
1943	0.23	0.35	0.50	0.92	1.69	3.08	4.29	6.30	12.42	22.00	68.65
1944	0.43	0.55	0.60	0.81	1.16	2.15	2.86	4.01	8.28	13.96	50.84
1945	0.16	0.28	0.43	0.62	0.97	1.71	2.57	3.22	5.23	9.31	34.66
1946	0.61	0.74	0.80	0.94	1.14	1.67	2.31	3.36	5.86	8.23	38.43
1947	0.12	0.19	0.22	0.34	0.56	1.04	1.34	1.72	2.72	3.91	41.82
1948	0.18	0.27	0.38	0.69	1.13	1.81	2.40	3.14	3.46	3.91	19.52
1949	0.15	0.25	0.35	0.62	1.05	1.68	2.49	3.08	4.74	5.38	23.02
1950	0.09	0.13	0.19	0.37	0.65	1.25	1.72	2.19	2.71	2.96	30.22
1951	0.15	0.22	0.30	0.53	0.90	1.63	2.14	3.30	3.90	4.86	16.31
1952	0.15	0.27	0.33	0.50	0.92	1.68	2.38	3.36	6.15	8.57	66.59
1953	0.07	0.10	0.15	0.23	0.45	0.81	1.16	1.41	1.78	1.95	19.94
1954	0.20	0.30	0.34	0.58	0.83	1.45	2.10	3.00	4.80	6.75	33.81
1955	0.10	0.20	0.27	0.47	0.67	1.00	1.45	2.31	3.09	4.12	27.59
1956	0.10	0.17	0.25	0.47	0.78	1.40	1.75	2.63	5.18	7.30	29.05
1957	0.24	0.29	0.34	0.49	0.80	1.54	2.02	2.62	3.50	5.16	28.58
1958	0.30	0.50	0.56	0.97	1.66	2.45	2.95	3.80	4.91	7.46	66.35
1959	0.37	0.54	0.57	0.70	0.90	1.40	1.87	2.73	4.68	5.47	21.31
1960	0.08	0.14	0.18	0.26	0.49	0.94	1.36	1.88	2.07	2.42	16.90
1961	0.27	0.50	0.62	0.78	0.82	0.93	1.08	1.66	3.18	3.41	13.95
1962	0.22	0.28	0.37	0.54	0.92	1.68	2.20	2.67	4.46	6.12	47.03
1963	0.12	0.21	0.25	0.53	1.16	1.72	2.29	3.25	6.08	8.42	23.21
1964	0.18	0.25	0.32	0.55	0.85	1.30	1.62	2.25	2.86	3.70	22.62
1965	0.20	0.35	0.40	0.60	0.84	1.20	1.32	2.14	3.05	4.25	32.48
1966	0.20	0.37	0.45	0.76	1.30	2.50	3.52	5.80	10.95	12.57	59.17
1967	0.30	0.44	0.56	0.73	1.05	2.00	2.50	3.10	6.08	8.18	65.13
1968	0.40	0.52	0.70	1.04	1.23	1.55	2.60	3.29	6.47	8.45	30.88
1969	0.16	0.31	0.47	0.75	1.45	2.55	3.60	5.55	11.16	15.36	89.07
1970	0.43	0.58	0.65	0.84	1.50	2.03	2.30	3.10	4.95	6.28	24.58
1971	0.10	0.15	0.20	0.30	0.60	1.00	1.40	1.65	2.30	3.07	32.61

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
005 6465 0	ORIOS CAMP	4250	14	02N	12W		S	34.255	118.094	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.23	0.32	0.39	0.59	0.92	1.51	2.01	2.84	4.73	6.48	35.94
5	0.35	0.48	0.59	0.89	1.39	2.28	3.03	4.27	7.13	9.77	50.73
10	0.42	0.59	0.72	1.09	1.70	2.78	3.70	5.22	8.70	11.93	60.08
20	0.50	0.69	0.86	1.27	1.99	3.25	4.32	6.10	10.17	13.95	68.69
25	0.52	0.72	0.88	1.33	2.07	3.40	4.52	6.38	10.63	14.58	71.35
40	0.56	0.79	0.96	1.45	2.26	3.71	4.92	6.95	11.58	15.88	76.82
50	0.59	0.82	0.99	1.51	2.35	3.85	5.11	7.21	12.02	16.49	79.37
100	0.65	0.91	1.11	1.68	2.61	4.28	5.69	8.02	13.37	18.34	87.08
200	0.72	1.00	1.22	1.84	2.87	4.70	6.25	8.82	14.69	20.15	94.56
1000	0.86	1.20	1.46	2.22	3.45	5.66	7.52	10.61	17.68	24.25	111.28
10000	1.06	1.48	1.80	2.73	4.26	6.98	9.27	13.08	21.81	29.91	134.16
PMP	2.14	2.99	3.64	5.51	8.59	14.08	18.71	26.40	44.00	60.35	279.27
MEAN	0.255	0.355	0.433	0.656	1.027	1.675	2.225	3.139	5.232	7.176	38.574
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.927	1.881	1.383	1.200	1.137	1.571	1.447	1.636	1.522	1.622	0.980
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.388 ; INTERCEPT (TIME=1 HOUR) =1.069 ; COEFFICIENT OF DETERMINATION = 0.987
1HR INTERCEPT / MEAN YR =0.02772 ; AVERAGE CALC CV / USED CV = 0.94

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	14.790	8.346	5.752	5.304	4.760	6.269	5.641	5.960	5.284	6.223	3.385
N	46	46	46	46	46	46	46	46	46	46	46
RECORD YEAR	1926	1926	1926	1926	1926	1926	1938	1938	1938	1943	1969
RECORD MAXIMUM	1.170	1.180	1.180	1.520	2.210	3.830	4.950	7.240	13.380	22.000	89.070
NORMILIZED MAX	4.871	4.142	3.663	3.401	3.271	3.493	3.216	3.192	3.076	3.660	2.814
CALC. COEF. VAR	0.737	0.560	0.471	0.388	0.356	0.368	0.381	0.409	0.506	0.564	0.465
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0066	0.0092	0.0112	0.0170	0.0265	0.0434	0.0577	0.0814	0.1356	0.1860	1.0000
RP10/A	0.0110	0.0153	0.0187	0.0283	0.0440	0.0722	0.0959	0.1353	0.2255	0.3092	1.5576
RP25/A	0.0134	0.0187	0.0228	0.0345	0.0538	0.0882	0.1172	0.1653	0.2755	0.3779	1.8498
RP50/A	0.0152	0.0212	0.0258	0.0390	0.0608	0.0997	0.1325	0.1869	0.3116	0.4274	2.0575
RP100/A	0.0169	0.0236	0.0287	0.0434	0.0677	0.1110	0.1474	0.2080	0.3467	0.4755	2.2574
RP1000/A	0.0223	0.0311	0.0379	0.0574	0.0895	0.1467	0.1949	0.2749	0.4583	0.6286	2.8849
RP10000/A	0.0275	0.0384	0.0468	0.0708	0.1104	0.1809	0.2404	0.3391	0.5653	0.7754	3.4781
PMP/A	0.0555	0.0775	0.0944	0.1429	0.2227	0.3651	0.4851	0.6844	1.1407	1.5646	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. 8SN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 6602 0	PACOIMA DAM	33	1500	24	03N	15W	S	34.330	118.339	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1931	0.23	0.32	0.44	0.49	0.68	1.08	1.24	1.49	2.42	3.88	18.37
1932	0.27	0.32	0.35	0.43	0.63	0.88	1.15	1.53	2.57	3.86	24.16
1933	0.11	0.21	0.29	0.41	0.63	0.85	1.13	1.88	2.93	4.11	15.48
1934	0.24	0.46	0.62	0.90	1.38	2.09	2.56	2.64	5.34	7.28	16.42
1935	0.18	0.34	0.44	0.57	0.72	0.98	1.07	1.20	1.57	2.10	25.17
1936	0.20	0.28	0.36	0.53	0.68	1.00	1.19	1.45	2.05	2.44	17.79
1937	0.11	0.17	0.21	0.30	0.47	0.74	1.00	1.50	2.61	3.17	29.40
1938	0.20	0.31	0.42	0.75	1.11	1.50	1.63	2.28	4.33	6.13	32.65
1939	0.28	0.46	0.59	0.64	0.64	0.89	0.96	1.02	1.45	2.57	21.98
1940	0.32	0.57	0.74	0.93	1.25	1.79	2.00	2.44	2.82	3.29	18.13
1941	0.32	0.34	0.48	0.63	0.69	1.20	1.46	2.05	2.59	2.93	40.41
1942	0.09	0.13	0.16	0.25	0.39	0.58	0.67	0.75	1.03	1.04	14.49
1943	0.34	0.53	0.69	1.11	1.51	2.40	3.06	4.00	5.45	9.90	30.27
1944	0.25	0.28	0.30	0.38	0.58	1.07	1.40	2.05	2.79	5.03	27.98
1945	0.32	0.52	0.68	0.81	1.15	1.46	1.80	2.05	2.87	4.05	18.18
1946	0.23	0.28	0.37	0.57	0.66	0.66	0.96	1.39	2.26	3.10	16.86
1947	0.08	0.12	0.13	0.19	0.32	0.56	0.69	0.74	0.83	1.27	20.92
1948	0.23	0.29	0.35	0.46	0.57	0.71	0.83	0.95	1.25	1.53	9.46
1949	0.08	0.12	0.17	0.21	0.33	0.59	0.78	1.16	1.92	2.12	12.01
1950	0.08	0.09	0.24	0.38	0.46	0.62	0.72	1.04	1.48	1.67	14.00
1951	0.13	0.18	0.22	0.36	0.53	0.77	1.08	1.18	1.76	2.48	11.82
1952	0.28	0.34	0.45	0.63	0.96	1.61	1.98	2.58	4.04	4.54	36.47
1953	0.05	0.09	0.11	0.18	0.30	0.46	0.61	0.76	1.00	1.05	13.15
1954	0.16	0.23	0.26	0.31	0.49	0.84	0.93	1.50	2.13	2.36	15.87
1955	0.10	0.16	0.21	0.28	0.47	0.64	0.85	1.24	1.78	2.20	14.34
1956	0.07	0.13	0.17	0.25	0.46	0.80	1.02	1.44	3.16	4.77	17.76
1957	0.14	0.18	0.24	0.34	0.48	0.82	0.84	1.34	2.29	2.53	15.66
1958	0.28	0.39	0.44	0.54	0.83	1.09	1.19	1.55	2.18	2.44	30.56
1959	0.22	0.40	0.51	0.66	0.98	1.56	1.84	2.16	2.88	1.43	9.40
1960	0.11	0.18	0.18	0.34	0.37	0.54	0.71	0.97	1.20	1.58	9.54
1961	0.11	0.16	0.20	0.36	0.50	0.76	0.92	1.10	1.42	2.24	8.74
1962	0.18	0.31	0.38	0.54	0.72	1.03	1.43	1.99	3.05	5.30	24.96
1963	0.10	0.14	0.26	0.30	0.48	0.65	0.92	1.51	2.15	2.56	13.11
1964	0.12	0.20	0.27	0.52	0.67	1.05	1.22	1.43	1.46	2.18	12.63
1965	0.36	0.42	0.45	0.58	0.64	0.82	1.00	1.12	1.36	1.96	18.22
1966	0.28	0.44	0.58	0.80	1.08	1.60	2.01	2.41	3.33	4.11	24.01
1967	0.48	0.78	0.84	0.98	1.12	1.65	2.10	2.46	2.89	4.40	31.99
1969	0.20	0.30	0.36	0.50	0.62	0.94	1.37	1.98	2.73	3.46	32.85
1970	0.40	0.55	0.70	0.95	1.35	1.95	2.25	2.35	2.68	3.23	14.59
1971	0.15	0.20	0.25	0.50	0.75	1.35	1.70	2.30	3.00	5.10	19.55

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 8SN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 6602 0	PACOIMA DAM	33	1500	24	03N	15W	S	34.330	118.339	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.18	0.27	0.34	0.47	0.65	0.96	1.18	1.51	2.19	2.97	18.62
5	0.28	0.41	0.51	0.71	0.98	1.45	1.78	2.28	3.30	4.47	26.28
10	0.34	0.50	0.62	0.87	1.19	1.77	2.17	2.78	4.03	5.46	31.13
20	0.39	0.58	0.73	1.01	1.39	2.07	2.54	3.25	4.72	6.38	35.59
25	0.41	0.61	0.76	1.06	1.45	2.16	2.65	3.40	4.93	6.67	36.96
40	0.45	0.66	0.83	1.15	1.58	2.36	2.89	3.71	5.37	7.27	39.80
50	0.46	0.68	0.86	1.20	1.65	2.45	3.00	3.85	5.57	7.55	41.12
100	0.52	0.76	0.96	1.33	1.83	2.72	3.34	4.28	6.20	8.40	45.11
200	0.57	0.84	1.05	1.46	2.01	2.99	3.67	4.70	6.81	9.22	48.99
1000	0.68	1.01	1.27	1.76	2.42	3.60	4.41	5.66	8.20	11.10	57.65
10000	0.84	1.24	1.56	2.17	2.99	4.44	5.45	6.98	10.11	13.69	69.50
PMP	1.70	2.51	3.16	4.39	6.02	8.95	10.99	14.08	20.40	27.62	144.68
MEAN	0.202	0.298	0.375	0.521	0.716	1.064	1.307	1.674	2.426	3.285	19.984
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.596	0.921	0.713	0.704	0.962	1.068	1.190	1.086	1.040	1.603	0.743
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.486 ; INTERCEPT (TIME=1 HOUR) =0.741 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.03707 ; AVERAGE CALC CV / USED CV = 0.95

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	3.022	4.007	2.975	3.005	3.267	3.680	4.296	5.206	4.632	6.844	2.881
N	40	40	40	40	40	40	40	40	40	40	40
RECORD YEAR	1967	1967	1967	1943	1943	1943	1943	1943	1943	1943	1941
RECORD MAXIMUM	0.480	0.780	0.840	1.110	1.510	2.400	3.060	4.000	5.450	9.900	40.410
NORMILIZED MAX	2.707	3.095	2.534	2.486	2.534	2.840	3.098	3.471	2.849	3.699	2.510
CALC. COEF. VAR	0.508	0.523	0.489	0.454	0.437	0.442	0.433	0.400	0.438	0.544	0.407
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0101	0.0149	0.0188	0.0261	0.0358	0.0533	0.0654	0.0838	0.1214	0.1644	1.0000
RP10/A	0.0168	0.0248	0.0312	0.0434	0.0596	0.0885	0.1087	0.1393	0.2018	0.2732	1.5576
RP25/A	0.0205	0.0303	0.0381	0.0530	0.0728	0.1082	0.1328	0.1702	0.2466	0.3339	1.8498
RP50/A	0.0232	0.0343	0.0431	0.0600	0.0823	0.1224	0.1502	0.1925	0.2789	0.3776	2.0575
RP100/A	0.0258	0.0381	0.0480	0.0667	0.0916	0.1361	0.1671	0.2142	0.3103	0.4201	2.2574
RP1000/A	0.0342	0.0504	0.0634	0.0882	0.1211	0.1800	0.2209	0.2831	0.4102	0.5553	2.8849
RP10000/A	0.0421	0.0622	0.0783	0.1088	0.1494	0.2220	0.2725	0.3492	0.5060	0.6851	3.4781
PMP/A	0.0850	0.1254	0.1579	0.2195	0.3014	0.4480	0.5499	0.7047	1.0211	1.3824	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL <25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PRM	LATITUDE	LONGITUDE	COUNTY
U05 6719 2	PASADINA CAL TEC	303		795				34.137	118.124	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1931	0.17	0.34	0.40	0.58	0.74	1.23	1.55	2.08	2.77	2.95	15.22
1932	0.16	0.24	0.28	0.37	0.48	0.63	0.91	1.26	2.05	3.02	20.72
1933	0.13	0.22	0.25	0.39	0.50	0.80	1.01	1.55	3.06	4.15	14.45
1934	0.20	0.32	0.39	0.65	1.04	2.18	3.02	4.55	7.98	11.26	20.85
1935	0.22	0.34	0.40	0.76	1.06	1.61	1.97	2.47	2.79	3.30	26.33
1936	0.32	0.47	0.54	0.64	0.92	1.41	1.63	1.69	1.90	2.61	16.26
1937	0.16	0.29	0.35	0.58	0.83	1.34	1.84	2.02	2.69	3.38	28.44
1938	0.24	0.25	0.34	0.55	0.94	1.64	2.15	3.00	5.84	7.36	31.33
1939	0.19	0.29	0.41	0.54	0.91	1.28	1.64	2.39	4.08	6.00	25.37
1940	0.18	0.31	0.39	0.45	0.51	0.74	1.07	1.62	2.69	2.76	18.85
1941	0.18	0.32	0.43	0.67	0.91	1.28	1.61	2.00	2.69	3.30	44.42
1942	0.21	0.41	0.53	0.63	0.92	1.30	1.50	1.68	2.48	2.51	15.55
1943	0.32	0.44	0.60	1.08	1.70	2.36	2.54	3.03	5.59	9.66	32.56
1944	0.14	0.21	0.25	0.34	0.50	0.78	0.96	1.39	2.64	3.95	25.34
1945	0.15	0.20	0.23	0.29	0.37	0.48	0.66	0.92	1.72	1.97	15.52
1946	0.17	0.30	0.38	0.44	0.56	0.92	1.16	1.54	2.81	4.58	15.98
1947	0.26	0.29	0.39	0.60	1.03	1.14	1.60	2.18	3.18	3.95	21.35
1948	0.21	0.37	0.52	0.72	0.93	1.24	1.40	1.57	1.58	1.62	10.57
1949	0.05	0.10	0.14	0.18	0.33	0.55	0.71	0.87	0.97	1.25	10.93
1950	0.30	0.36	0.42	0.51	0.79	0.90	1.22	1.54	2.37	2.82	15.84
1951	0.23	0.24	0.25	0.40	0.73	0.80	0.88	0.94	1.08	1.08	10.72
1952	0.21	0.28	0.35	0.52	0.76	1.37	1.87	3.03	4.68	5.51	35.86
1953	0.24	0.28	0.32	0.52	0.73	1.08	1.35	1.42	1.69	2.42	13.58
1954	0.28	0.35	0.38	0.57	0.77	1.06	1.43	2.22	3.05	3.15	16.34
1955	0.18	0.26	0.33	0.48	0.65	0.95	1.19	1.54	1.78	2.34	16.01
1956	0.18	0.30	0.40	0.60	0.98	1.55	2.20	3.30	5.56	7.36	19.34
1957	0.25	0.47	0.62	0.82	1.19	1.82	2.21	2.72	2.95	2.96	15.79
1958	0.30	0.43	0.56	0.83	1.16	1.63	2.01	2.41	3.46	3.49	30.71
1959	0.18	0.22	0.25	0.29	0.48	0.83	1.18	1.86	2.54	2.54	9.60
1960	0.06	0.10	0.13	0.23	0.39	0.69	0.94	1.26	1.64	1.78	10.00
1961	0.16	0.22	0.28	0.33	0.39	0.56	0.74	0.99	1.45	1.46	7.06
1962	0.15	0.20	0.26	0.44	0.66	1.02	1.26	1.73	2.45	3.48	24.29
1963	0.12	0.18	0.22	0.36	0.65	1.10	1.52	2.23	3.19	3.80	12.29
1964	0.12	0.18	0.24	0.43	0.70	1.12	1.44	1.74	1.80	1.88	11.12
1965	0.28	0.39	0.46	0.52	0.62	0.91	1.18	1.64	1.75	2.03	16.79
1966	0.10	0.20	0.26	0.42	0.70	1.29	1.81	2.60	4.56	5.07	25.58
1967	0.16	0.32	0.36	0.38	0.75	1.23	1.70	2.40	3.43	3.82	27.99
1968	0.55	0.70	0.71	0.71	1.00	1.30	1.54	2.00	2.96	3.37	15.07
1969	0.15	0.20	0.26	0.48	0.79	1.30	1.90	2.64	4.65	6.15	35.91

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PRM	LATITUDE	LONGITUDE	COUNTY
U05 6719 2	PASADINA CAL TEC	303		795				34.137	118.124	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.18	0.27	0.33	0.47	0.70	1.05	1.36	1.81	2.72	3.38	18.59
5	0.27	0.40	0.50	0.71	1.05	1.59	2.04	2.73	4.10	5.10	26.23
10	0.33	0.49	0.61	0.87	1.28	1.94	2.49	3.33	5.00	6.23	31.07
20	0.39	0.58	0.71	1.01	1.50	2.26	2.92	3.89	5.85	7.28	35.52
25	0.41	0.60	0.74	1.06	1.57	2.37	3.05	4.07	6.11	7.61	36.90
40	0.45	0.66	0.81	1.15	1.71	2.58	3.32	4.43	6.66	8.29	39.73
50	0.46	0.68	0.84	1.20	1.77	2.68	3.45	4.60	6.91	8.60	41.04
100	0.52	0.76	0.94	1.33	1.97	2.98	3.83	5.11	7.69	9.57	45.03
200	0.57	0.83	1.03	1.46	2.17	3.27	4.21	5.62	8.45	10.52	48.90
1000	0.68	1.00	1.24	1.76	2.60	3.93	5.07	6.78	10.17	12.85	57.55
10000	0.84	1.24	1.53	2.17	3.21	4.85	6.25	8.34	12.54	15.61	69.38
PMP	1.69	2.50	3.08	4.38	6.48	9.79	12.61	16.83	25.31	31.50	144.41
MEAN	0.202	0.297	0.366	0.521	0.771	1.165	1.500	2.001	3.009	3.745	19.947
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.661	1.166	0.599	0.716	0.901	0.785	0.676	1.065	1.403	1.737	0.884
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.445 ; INTERCEPT (TIME=1 HOUR) =0.791 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.03966 ; AVERAGE CALC CV / USED CV = 0.74

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	8.813	6.279	3.384	4.366	5.308	4.137	3.857	5.225	5.628	6.472	3.480
N	39	39	39	39	39	39	39	39	39	39	39
RECORD YEAR	1968	1968	1968	1943	1943	1943	1934	1934	1934	1934	1941
RECORD MAXIMUM	0.550	0.700	0.710	1.080	1.700	2.360	3.020	4.550	7.980	11.260	44.420
NORMILIZED MAX	4.018	3.591	2.831	3.103	3.420	2.860	2.939	3.393	3.413	3.419	2.835
CALC. COEF. VAR	0.431	0.377	0.357	0.346	0.352	0.359	0.345	0.375	0.484	0.587	0.433
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0101	0.0149	0.0184	0.0261	0.0387	0.0584	0.0752	0.1003	0.1508	0.1878	1.0000
RP10/A	0.0168	0.0248	0.0305	0.0434	0.0643	0.0970	0.1250	0.1668	0.2507	0.3121	1.5576
RP25/A	0.0205	0.0303	0.0373	0.0530	0.0785	0.1186	0.1528	0.2038	0.3064	0.3814	1.8498
RP50/A	0.0232	0.0342	0.0422	0.0600	0.0888	0.1341	0.1728	0.2305	0.3466	0.4314	2.0575
RP100/A	0.0258	0.0381	0.0469	0.0667	0.0988	0.1492	0.1922	0.2564	0.3855	0.4799	2.2574
RP1000/A	0.0341	0.0503	0.0620	0.0882	0.1306	0.1973	0.2541	0.3390	0.5097	0.6344	2.8849
RP10000/A	0.0421	0.0621	0.0765	0.1088	0.1611	0.2433	0.3134	0.4182	0.6287	0.7826	3.4781
PMP/A	0.0850	0.1253	0.1544	0.2195	0.3251	0.4910	0.6324	0.8438	1.2686	1.5791	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 7160 1	PUDDINGSTONE DAM	96	1030	15	015	09W	S	34.091	117.806	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1953	0.25	0.37	0.40	0.48	0.61	0.81	0.87	1.01	1.19	1.39	11.87
1954	0.10	0.17	0.19	0.31	0.46	0.84	1.23	1.72	2.28	2.83	16.45
1955	0.15	0.20	0.25	0.33	0.57	0.84	0.93	1.10	1.81	1.88	12.17
1956	0.13	0.26	0.40	0.56	0.92	1.72	2.12	2.75	4.85	6.60	15.84
1957	0.14	0.25	0.29	0.45	0.47	0.63	0.85	1.40	2.39	2.39	12.62
1958	0.20	0.37	0.40	0.45	0.69	0.80	0.90	1.19	2.17	3.47	31.92
1959	0.25	0.35	0.48	0.73	1.03	1.22	1.32	1.75	2.15	2.15	8.04
1960	0.06	0.11	0.15	0.22	0.35	0.65	0.87	1.05	1.32	1.48	10.18
1961	0.14	0.17	0.21	0.24	0.30	0.47	0.59	0.69	1.08	1.13	6.33
1962	0.18	0.25	0.29	0.42	0.68	0.90	1.15	1.70	2.20	2.46	19.52
1963	0.07	0.13	0.16	0.23	0.35	0.68	0.96	1.40	2.16	3.18	11.50
1964	0.15	0.20	0.25	0.37	0.50	0.70	0.85	1.05	1.16	1.47	9.22
1965	0.37	0.49	0.53	0.59	0.77	1.10	1.52	1.67	1.88	2.20	14.41
1966	0.14	0.24	0.28	0.40	0.60	0.73	0.90	1.42	3.06	4.30	16.59
1967	0.11	0.16	0.19	0.33	0.62	1.15	1.51	1.94	2.72	3.30	24.16
1969	0.15	0.20	0.24	0.33	0.49	0.76	0.95	1.40	2.71	4.81	30.76
1970	0.13	0.17	0.22	0.35	0.50	0.70	0.82	1.17	1.58	2.35	11.51
1971	0.11	0.22	0.22	0.27	0.48	0.85	1.15	1.85	2.48	2.88	11.97

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 7160 1	PUDDINGSTONE DAM	96	1030	15	015	09W	S	34.091	117.806	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.14	0.22	0.26	0.35	0.52	0.78	0.98	1.32	1.97	2.52	14.24
5	0.21	0.33	0.39	0.53	0.79	1.18	1.47	1.99	2.97	3.80	20.10
10	0.26	0.40	0.48	0.65	0.96	1.44	1.80	2.42	3.62	4.64	23.80
20	0.31	0.47	0.56	0.76	1.12	1.68	2.10	2.84	4.23	5.43	27.21
25	0.32	0.49	0.58	0.80	1.17	1.75	2.20	2.96	4.43	5.67	28.27
40	0.35	0.53	0.63	0.87	1.28	1.91	2.40	3.23	4.82	6.18	30.43
50	0.36	0.55	0.66	0.90	1.33	1.98	2.49	3.35	5.01	6.42	31.44
100	0.40	0.61	0.73	1.00	1.48	2.21	2.77	3.73	5.57	7.14	34.50
200	0.44	0.67	0.80	1.10	1.62	2.43	3.04	4.10	6.12	7.84	37.46
1000	0.53	0.81	0.97	1.33	1.95	2.92	3.66	4.93	7.36	9.44	44.09
10000	0.66	1.00	1.19	1.63	2.41	3.60	4.51	6.08	9.08	11.64	53.15
PMP	1.32	2.01	2.41	3.30	4.85	7.27	9.11	12.27	18.32	23.49	110.64
MEAN	0.157	0.239	0.286	0.392	0.577	0.864	1.083	1.459	2.179	2.793	15.281
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.539	1.140	0.914	0.961	0.880	1.738	1.585	1.041	1.531	1.384	1.315
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.470 ; INTERCEPT (TIME=1 HOUR) =0.592 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.03877 ; AVERAGE CALC CV / USED CV = 0.75

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	6.406	4.432	3.336	4.227	4.125	7.186	6.374	5.520	7.335	5.625	4.516
N	18	18	18	18	18	18	18	18	18	18	18
RECORD YEAR	1965	1965	1965	1959	1959	1956	1956	1956	1956	1956	1958
RECORD MAXIMUM	0.370	0.490	0.530	0.730	1.030	1.720	2.120	2.750	4.850	6.600	31.920
NORMILIZED MAX	2.890	2.549	2.204	2.496	2.369	3.006	2.903	2.756	3.028	2.776	2.312
CALC. COEF. VAR	0.468	0.411	0.387	0.345	0.331	0.330	0.330	0.321	0.405	0.491	0.471
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0102	0.0157	0.0187	0.0257	0.0378	0.0565	0.0709	0.0955	0.1426	0.1828	1.0000
RP10/A	0.0171	0.0260	0.0311	0.0427	0.0628	0.0940	0.1178	0.1587	0.2370	0.3038	1.5576
RP25/A	0.0209	0.0318	0.0380	0.0521	0.0767	0.1148	0.1439	0.1939	0.2896	0.3712	1.8498
RP50/A	0.0236	0.0360	0.0430	0.0590	0.0868	0.1299	0.1628	0.2193	0.3276	0.4199	2.0575
RP100/A	0.0263	0.0400	0.0479	0.0656	0.0965	0.1445	0.1811	0.2440	0.3644	0.4671	2.2574
RP1000/A	0.0348	0.0529	0.0633	0.0867	0.1276	0.1910	0.2394	0.3226	0.4817	0.6175	2.8849
RP10000/A	0.0429	0.0653	0.0780	0.1070	0.1574	0.2356	0.2953	0.3979	0.5943	0.7617	3.4781
PMP/A	0.0865	0.1318	0.1575	0.2159	0.3177	0.4754	0.5959	0.8029	1.1992	1.5370	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
UOS 7161 6	PUENTE HILLS	201	860					33.994	117.990	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1941	0.56	0.71	0.73	0.86	0.96	1.18	1.34	1.46	1.87	2.56	35.19
1942	0.12	0.22	0.32	0.46	0.59	0.70	0.93	1.00	2.21	2.40	13.73
1943	0.20	0.23	0.25	0.35	0.61	1.11	1.58	2.14	4.13	7.26	22.77
1944	0.20	0.27	0.37	0.43	0.72	1.24	1.81	2.17	3.00	3.56	19.96
1945	0.38	0.46	0.55	0.58	0.66	0.75	0.81	1.03	1.55	2.00	15.01
1946	0.26	0.38	0.60	0.85	1.03	1.22	1.37	1.54	1.71	4.17	15.22
1947	0.25	0.40	0.42	0.42	0.43	0.62	0.75	1.01	1.58	2.65	15.71
1948	0.16	0.25	0.29	0.46	0.63	0.78	0.86	0.97	0.98	1.50	10.30
1949	0.10	0.14	0.16	0.34	0.42	0.61	0.76	0.79	0.97	1.21	10.47
1950	0.17	0.20	0.24	0.32	0.52	0.78	1.02	1.42	1.79	1.84	13.14
1951	0.12	0.20	0.26	0.34	0.48	0.69	0.83	0.94	1.06	1.11	9.74
1952	0.18	0.26	0.36	0.46	0.56	0.78	1.00	1.63	3.08	4.10	32.26
1953	0.27	0.31	0.35	0.46	0.65	0.94	1.00	1.02	1.28	1.80	11.87
1954	0.16	0.22	0.26	0.39	0.73	1.27	1.63	2.29	3.01	3.08	16.94
1955	0.21	0.26	0.30	0.36	0.50	0.85	1.05	1.29	1.36	1.36	12.81
1956	0.16	0.32	0.38	0.50	0.82	1.29	1.72	2.68	5.42	7.66	17.82
1957	0.12	0.15	0.21	0.24	0.34	0.52	0.69	1.11	1.77	1.87	12.02
1958	0.17	0.26	0.33	0.40	0.66	1.04	1.30	1.35	2.55	2.56	28.52
1959	0.62	0.72	0.84	1.26	1.34	1.45	1.70	2.06	2.50	2.63	8.38
1960	0.09	0.17	0.22	0.34	0.55	0.92	1.27	1.52	1.88	2.09	10.62
1961	0.21	0.24	0.29	0.46	0.51	0.74	0.89	0.95	0.98	0.98	5.98
1962	0.16	0.26	0.32	0.40	0.55	0.88	1.06	1.55	2.93	3.63	23.74
1963	0.22	0.30	0.35	0.49	0.71	0.96	1.12	1.44	2.52	4.07	12.77
1964	0.26	0.40	0.49	0.71	0.73	0.78	0.89	1.20	2.08	2.14	10.11
1965	0.33	0.60	0.77	0.99	1.12	1.19	1.24	1.37	1.60	2.06	16.47
1966	0.19	0.21	0.22	0.30	0.43	0.63	0.69	0.84	1.66	2.20	18.50
1967	0.20	0.28	0.32	0.40	0.54	0.78	0.96	1.47	2.88	3.64	24.94
1968	0.29	0.40	0.49	0.51	0.51	0.86	1.15	1.64	2.72	3.20	14.05
1969	0.20	0.37	0.43	0.47	0.58	0.61	0.86	1.30	2.42	2.79	31.34
1970	0.17	0.24	0.30	0.32	0.51	0.74	0.82	1.00	1.92	2.04	10.40
1971	0.14	0.18	0.20	0.24	0.34	0.56	0.80	1.22	2.30	3.76	13.47
1972	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	8.90

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
UOS 7161 6	PUENTE HILLS	201	860					33.994	117.990	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.20	0.28	0.34	0.44	0.58	0.80	0.99	1.27	1.97	2.56	15.23
5	0.30	0.42	0.51	0.66	0.87	1.21	1.49	1.91	2.97	3.86	21.50
10	0.37	0.52	0.62	0.81	1.06	1.47	1.82	2.33	3.63	4.71	25.46
20	0.43	0.60	0.73	0.95	1.24	1.72	2.12	2.72	4.24	5.51	29.11
25	0.45	0.63	0.76	0.99	1.29	1.80	2.22	2.84	4.44	5.76	30.24
40	0.49	0.69	0.83	1.08	1.41	1.96	2.42	3.10	4.83	6.28	32.56
50	0.51	0.71	0.86	1.12	1.46	2.04	2.51	3.22	5.02	6.52	33.64
100	0.57	0.79	0.95	1.24	1.63	2.26	2.79	3.58	5.58	7.25	36.90
200	0.62	0.87	1.05	1.37	1.79	2.49	3.07	3.93	6.13	7.96	40.07
1000	0.75	1.05	1.26	1.65	2.15	2.99	3.69	4.73	7.38	9.58	47.16
10000	0.92	1.29	1.56	2.03	2.65	3.69	4.55	5.83	9.10	11.82	56.86
PMP	1.86	2.61	3.14	4.10	5.35	7.45	9.19	11.77	18.37	23.85	118.36
MEAN	0.221	0.310	0.373	0.487	0.636	0.886	1.093	1.400	2.184	2.836	16.348
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.146	1.623	1.413	1.953	1.489	0.613	0.849	1.077	1.420	1.785	1.127
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.567 ; INTERCEPT (TIME=1 HOUR) =0.662 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.04048 ; AVERAGE CALC CV / USED CV = 0.82

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	8.191	5.565	4.668	7.123	5.657	2.612	2.904	4.017	6.384	6.981	3.725
N	31	31	31	31	31	31	31	31	31	31	32
RECORD YEAR	1959	1959	1959	1959	1959	1959	1944	1956	1956	1956	1941
RECORD MAXIMUM	0.620	0.720	0.840	1.260	1.340	1.450	1.810	2.680	5.420	7.660	35.190
NORMALIZED MAX	3.380	2.804	2.749	3.426	3.144	2.272	2.207	2.770	3.380	3.149	2.531
CALC. COEF. VAR	0.533	0.472	0.455	0.463	0.352	0.280	0.297	0.330	0.438	0.540	0.435
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0135	0.0190	0.0228	0.0298	0.0389	0.0542	0.0669	0.0856	0.1336	0.1735	1.0000
RP10/A	0.0225	0.0315	0.0379	0.0495	0.0647	0.0901	0.1111	0.1423	0.2221	0.2884	1.5576
RP25/A	0.0275	0.0385	0.0464	0.0606	0.0791	0.1101	0.1358	0.1739	0.2714	0.3524	1.8498
RP50/A	0.0311	0.0436	0.0524	0.0685	0.0894	0.1245	0.1536	0.1967	0.3069	0.3986	2.0575
RP100/A	0.0346	0.0485	0.0583	0.0762	0.0995	0.1385	0.1709	0.2189	0.3415	0.4434	2.2574
RP1000/A	0.0457	0.0641	0.0771	0.1007	0.1315	0.1831	0.2259	0.2893	0.4514	0.5861	2.8849
RP10000/A	0.0564	0.0790	0.0951	0.1242	0.1623	0.2258	0.2786	0.3569	0.5568	0.7230	3.4781
PMP/A	0.1138	0.1595	0.1920	0.2506	0.3274	0.4557	0.5622	0.7202	1.1236	1.4590	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
005 7530 0	ROGERS CANYON	70	790	26	01N	10W	S	34.163	117.902	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1927	0.16	0.20	0.34	0.44	0.81	1.22	1.44	1.94	3.12	5.48	25.46
1928	0.13	0.23	0.29	0.36	0.50	0.75	1.03	1.22	2.37	2.56	15.33
1929	0.15	0.18	0.20	0.36	0.45	0.66	1.02	1.52	2.52	2.81	17.51
1930	0.16	0.30	0.41	0.73	1.07	1.64	1.82	1.84	1.84	2.56	17.52
1931	0.32	0.54	0.66	0.83	0.94	0.95	0.97	1.36	2.43	3.16	14.27
1932	0.09	0.18	0.27	0.55	0.72	1.10	1.33	1.60	2.49	2.96	24.67
1933	0.09	0.10	0.15	0.30	0.49	0.76	0.98	1.50	2.90	3.30	14.11
1934	0.21	0.32	0.40	0.75	1.30	2.36	3.15	4.51	8.24	11.95	22.91
1935	0.20	0.28	0.34	0.44	0.70	1.28	1.67	2.18	2.81	3.45	28.60
1936	0.20	0.27	0.32	0.45	0.72	1.21	1.54	2.06	2.85	3.12	20.06
1937	0.18	0.28	0.28	0.33	0.50	0.86	1.24	1.84	3.01	3.56	34.52
1938	0.30	0.40	0.47	0.68	0.93	1.62	2.16	3.01	3.67	7.53	37.30
1939	0.24	0.30	0.33	0.51	0.85	1.39	1.58	1.85	3.18	4.91	23.85
1940	0.20	0.32	0.39	0.52	0.75	1.04	1.37	1.90	3.34	3.40	18.60
1941	0.20	0.33	0.35	0.61	1.05	1.18	1.42	1.78	2.50	3.48	43.90
1942	0.14	0.24	0.28	0.36	0.50	0.69	0.82	0.91	1.16	1.42	16.09
1943	0.19	0.23	0.26	0.44	0.82	1.49	1.83	2.68	4.69	7.51	33.36
1944	0.36	0.47	0.50	0.57	0.75	1.11	1.54	1.92	3.02	3.80	25.10
1945	0.16	0.24	0.34	0.61	0.97	1.48	1.86	2.64	4.63	7.73	21.35
1946	0.15	0.28	0.32	0.54	0.82	1.16	1.37	1.70	3.07	3.62	20.90
1947	0.08	0.15	0.18	0.26	0.33	0.51	0.68	0.81	0.85	1.35	21.18
1948	0.14	0.19	0.22	0.33	0.49	0.76	0.85	0.99	1.24	1.66	10.90
1949	0.09	0.14	0.20	0.40	0.58	0.87	0.99	1.16	2.18	3.07	14.59
1950	0.09	0.11	0.20	0.30	0.54	1.02	1.34	1.63	2.10	2.24	17.28
1951	0.24	0.36	0.40	0.60	0.98	1.40	1.56	1.56	2.22	4.29	12.88
1952	0.21	0.34	0.41	0.44	0.67	1.21	1.80	2.87	4.49	4.98	37.62
1953	0.11	0.17	0.19	0.25	0.37	0.64	0.89	1.02	1.14	1.18	14.34
1954	0.15	0.20	0.27	0.38	0.60	1.01	1.47	2.20	3.30	3.67	20.75
1955	0.46	0.51	0.52	0.53	0.62	0.82	1.06	1.35	1.50	1.72	16.63
1956	0.12	0.20	0.28	0.43	0.83	1.47	2.18	3.65	6.38	8.13	22.49
1957	0.15	0.21	0.29	0.40	0.52	0.80	1.20	1.70	2.81	3.09	18.31
1958	0.21	0.24	0.32	0.44	0.72	1.30	1.35	1.47	2.65	2.86	35.73
1959	0.59	0.66	0.76	0.96	1.12	1.30	1.60	2.20	3.32	3.36	12.59
1960	0.14	0.25	0.25	0.25	0.36	0.64	0.82	1.13	1.45	1.75	13.54
1961	0.16	0.24	0.29	0.34	0.39	0.69	0.89	1.14	1.72	2.12	9.13
1962	0.32	0.38	0.43	0.77	1.30	2.22	2.70	3.34	3.96	4.08	28.30
1963	0.12	0.19	0.24	0.34	0.62	1.05	1.54	2.18	3.76	4.70	15.72
1964	0.16	0.24	0.28	0.48	0.76	1.25	1.70	2.20	2.25	3.07	13.76
1965	0.20	0.31	0.39	0.44	0.54	0.74	1.03	1.38	1.66	3.60	19.93
1966	0.18	0.30	0.36	0.63	1.14	1.60	2.04	2.65	4.08	5.52	28.25
1967	0.14	0.26	0.31	0.43	0.70	1.20	1.68	2.50	3.48	6.14	37.24
1968	0.14	0.21	0.35	0.47	0.60	0.95	1.39	2.09	3.19	3.71	15.13

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN DRDER SUR	STATION NAME	ELEV	SEC	TWP	RNG LOT AMM	LATITUDE	LONGITUDE	COUNTY
005 7530 0	ROGERS CANYON	70	790	26	01N 10W S	34.163	117.902	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.17	0.25	0.30	0.44	0.65	1.02	1.31	1.74	2.66	3.54	20.25
5	0.26	0.37	0.46	0.66	0.99	1.54	1.97	2.63	4.01	5.34	28.58
10	0.32	0.46	0.56	0.80	1.20	1.88	2.41	3.20	4.89	6.51	33.85
20	0.38	0.53	0.65	0.94	1.41	2.19	2.82	3.75	5.72	7.62	38.70
25	0.39	0.56	0.68	0.98	1.47	2.29	2.95	3.92	5.98	7.96	40.20
40	0.43	0.61	0.74	1.07	1.60	2.50	3.21	4.27	6.51	8.67	43.28
50	0.44	0.63	0.77	1.11	1.66	2.59	3.33	4.43	6.76	9.00	44.71
100	0.49	0.70	0.85	1.23	1.85	2.88	3.71	4.93	7.52	10.02	49.05
200	0.54	0.77	0.94	1.35	2.03	3.17	4.07	5.41	8.26	11.01	53.27
1000	0.65	0.93	1.13	1.63	2.45	3.81	4.90	6.51	9.94	13.24	62.69
10000	0.81	1.15	1.39	2.01	3.02	4.70	6.04	8.04	12.26	16.33	75.58
PMP	1.63	2.31	2.81	4.05	6.09	9.49	12.19	16.22	24.74	32.96	157.33
MEAN	0.193	0.275	0.334	0.482	0.724	1.129	1.450	1.928	2.942	3.919	21.731
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.026	1.386	1.492	0.937	0.575	1.058	1.166	1.187	1.617	1.699	0.896
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.436 ; INTERCEPT (TIME=1 HOUR) =0.750 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.03450 ; AVERAGE CALC CV / USED CV = 0.78

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	8.104	5.683	6.481	3.854	2.930	4.808	5.350	5.194	7.662	6.906	3.185
N	42	42	42	42	42	42	42	42	42	42	42
RECORD YEAR	1959	1959	1959	1959	1934	1934	1934	1934	1934	1934	1941
RECORD MAXIMUM	0.590	0.660	0.760	0.960	1.300	2.360	3.150	4.510	8.240	11.950	43.900
NORMILIZED MAX	3.866	3.381	3.523	2.932	2.315	3.081	3.353	3.397	3.827	3.744	2.621
CALC. COEF. VAR	0.531	0.414	0.362	0.338	0.343	0.354	0.350	0.394	0.470	0.547	0.389
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0089	0.0127	0.0154	0.0222	0.0333	0.0519	0.0667	0.0887	0.1354	0.1803	1.0000
RP10/A	0.0148	0.0210	0.0256	0.0369	0.0554	0.0863	0.1109	0.1475	0.2250	0.2998	1.5576
RP25/A	0.0181	0.0257	0.0312	0.0451	0.0677	0.1055	0.1356	0.1802	0.2750	0.3663	1.8498
RP50/A	0.0204	0.0291	0.0353	0.0510	0.0766	0.1193	0.1533	0.2038	0.3110	0.4143	2.0575
RP100/A	0.0227	0.0323	0.0393	0.0567	0.0852	0.1327	0.1705	0.2268	0.3460	0.4609	2.2574
RP1000/A	0.0301	0.0428	0.0520	0.0750	0.1126	0.1755	0.2254	0.2998	0.4574	0.6093	2.8849
RP10000/A	0.0371	0.0527	0.0641	0.0925	0.1389	0.2164	0.2781	0.3698	0.5643	0.7516	3.4781
PMP/A	0.0748	0.1064	0.1294	0.1866	0.2803	0.4368	0.5612	0.7462	1.1386	1.5167	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
005 7779	0	SAN GABRIEL DAM	425	14B1	06	01N	09W	B	S 34.205	117.861	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
YEAR											
1926	0.60	0.62	0.68	0.96	1.18	1.45	1.62	1.95	3.59	6.55	29.47
1927	0.25	0.34	0.42	0.75	1.17	1.83	2.21	3.18	5.70	8.62	34.19
1928	0.22	0.28	0.39	0.56	0.70	0.87	1.12	1.61	3.20	3.65	15.83
1929	0.13	0.15	0.19	0.31	0.56	0.86	1.25	1.95	3.28	3.69	23.46
1930	0.16	0.22	0.41	0.73	1.07	1.64	1.83	1.83	2.90	3.36	24.28
1931	0.19	0.21	0.24	0.40	0.46	0.52	0.78	1.14	1.96	2.71	20.31
1932	0.20	0.30	0.37	0.64	0.89	1.46	1.77	2.41	3.79	4.67	33.62
1933	0.09	0.14	0.21	0.31	0.57	0.83	1.16	1.76	3.16	5.75	18.52
1934	0.20	0.30	0.38	0.69	1.20	2.22	2.96	4.24	7.70	11.20	26.43
1935	0.27	0.43	0.47	0.60	1.09	1.80	2.41	3.11	3.92	4.29	33.38
1936	0.27	0.33	0.44	0.58	0.78	1.39	1.68	2.20	3.11	3.83	25.59
1937	0.28	0.49	0.57	0.66	0.95	1.71	2.20	2.48	3.66	5.05	44.70
1938	0.15	0.25	0.35	0.59	1.07	1.77	2.62	4.14	7.18	10.43	44.33
1939	0.40	0.58	0.68	0.85	1.17	1.51	1.72	1.98	3.09	4.86	29.41
1940	0.21	0.35	0.44	0.66	0.96	1.67	1.97	2.57	3.65	3.97	20.11
1941	0.25	0.41	0.54	0.76	1.02	1.30	1.63	2.18	3.35	5.28	53.46
1942	0.22	0.30	0.34	0.43	0.78	1.00	1.05	1.17	2.08	2.52	17.98
1943	0.30	0.44	0.56	0.78	1.25	2.34	3.28	5.30	10.35	17.81	47.56
1944	0.18	0.31	0.40	0.70	1.20	2.02	2.58	3.26	5.09	6.81	33.23
1945	0.25	0.40	0.55	0.67	1.04	1.37	1.68	2.03	3.95	5.25	28.89
1946	0.22	0.28	0.42	0.71	1.14	1.73	2.19	3.10	5.43	9.07	28.88
1947	0.20	0.30	0.35	0.51	0.77	1.32	1.57	2.45	4.10	4.41	29.31
1948	0.18	0.24	0.26	0.40	0.61	0.87	0.98	1.54	1.83	2.40	13.88
1949	0.07	0.09	0.10	0.18	0.24	0.45	0.62	0.88	1.68	2.22	16.10
1950	0.14	0.18	0.22	0.40	0.60	1.00	1.32	1.75	2.98	4.55	20.61
1951	0.23	0.30	0.37	0.60	1.10	1.14	1.42	1.61	1.61	1.61	12.69
1952	0.19	0.27	0.30	0.70	1.16	1.94	2.76	3.66	5.36	6.44	49.19
1953	0.20	0.26	0.31	0.45	0.77	1.40	1.52	1.70	1.96	2.05	16.71
1954	0.20	0.36	0.48	0.76	0.90	1.20	1.69	2.46	3.87	5.42	25.60
1955	0.17	0.24	0.30	0.36	0.68	1.16	1.33	1.75	2.54	2.85	19.88
1956	0.20	0.23	0.32	0.37	0.67	1.32	2.01	3.10	6.45	8.20	24.32
1957	0.12	0.20	0.25	0.35	0.67	1.22	1.71	2.25	3.62	3.93	21.83
1958	0.25	0.38	0.48	0.60	0.74	1.46	1.55	2.23	3.11	4.25	45.95
1959	0.28	0.42	0.52	0.65	0.97	1.47	1.97	2.58	3.43	4.25	15.82
1960	0.12	0.18	0.23	0.25	0.45	0.72	0.98	1.27	2.00	2.26	14.24
1961	0.17	0.25	0.41	0.60	0.72	1.00	1.45	1.87	2.16	2.25	11.57
1962	0.15	0.27	0.35	0.56	0.85	1.30	1.76	2.46	3.57	4.73	33.73
1963	0.15	0.27	0.39	0.49	0.70	1.36	1.82	2.90	4.91	5.84	17.37
1964	0.11	0.20	0.25	0.43	0.71	1.25	1.65	2.25	2.41	2.88	15.73
1965	0.18	0.35	0.40	0.50	0.74	0.95	1.39	1.68	2.30	3.12	22.32
1966	0.20	0.35	0.45	0.65	1.28	2.30	2.95	4.20	6.80	8.13	39.56
1967	0.18	0.30	0.34	0.55	0.90	1.43	2.00	2.95	5.85	7.82	47.42
1968	0.23	0.34	0.37	0.48	0.65	1.14	1.42	2.20	3.43	3.89	19.04
1969	0.18	0.33	0.47	0.78	1.54	2.49	3.42	5.24	9.29	12.69	65.09

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
005 7779 0	SAN GABRIEL DAM	425	14R1	06	01N	09W	R S	34.205	117.861	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.19	0.28	0.35	0.51	0.79	1.26	1.62	2.23	3.60	4.84	26.08
5	0.28	0.42	0.53	0.77	1.20	1.89	2.44	3.36	5.43	7.29	36.81
10	0.35	0.51	0.64	0.94	1.46	2.31	2.98	4.10	6.63	8.90	43.60
20	0.40	0.59	0.75	1.10	1.71	2.70	3.48	4.79	7.75	10.40	49.84
25	0.42	0.62	0.78	1.15	1.79	2.82	3.64	5.01	8.10	10.87	51.78
40	0.46	0.68	0.85	1.26	1.94	3.08	3.96	5.46	8.82	11.85	55.75
50	0.48	0.70	0.89	1.30	2.02	3.19	4.11	5.67	9.16	12.30	57.59
100	0.53	0.78	0.99	1.45	2.25	3.55	4.58	6.31	10.19	13.68	63.19
200	0.58	0.86	1.08	1.59	2.47	3.90	5.03	6.93	11.19	15.03	68.61
1000	0.70	1.03	1.30	1.92	2.97	4.70	6.05	8.34	13.47	18.09	80.75
10000	0.87	1.27	1.61	2.36	3.66	5.80	7.46	10.28	16.61	22.31	97.35
PMP	1.75	2.57	3.24	4.77	7.39	11.69	15.06	20.75	33.52	45.02	202.65
MEAN	0.208	0.306	0.386	0.567	0.879	1.390	1.790	2.467	3.986	5.353	27.991
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.399	0.783	0.251	-0.159	0.059	0.363	0.729	1.144	1.419	1.852	0.999
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.397 ; INTERCEPT (TIME=1 HOUR) =0.900 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.03214 ; AVERAGE CALC CV / USED CV = 0.69

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	12.742	4.468	3.414	2.808	2.929	3.180	3.465	4.405	5.116	7.551	3.635
N	44	44	44	44	44	44	44	44	44	44	44
RECORD YEAR	1926	1926	1926	1926	1969	1969	1969	1943	1943	1943	1969
RECORD MAXIMUM	0.600	0.620	0.680	0.960	1.540	2.490	3.420	5.300	10.350	17.810	65.090
NORMILIZED MAX	4.586	2.949	2.372	2.303	2.471	2.352	2.541	2.820	3.206	3.895	2.957
CALC. COEF. VAR	0.412	0.349	0.322	0.301	0.304	0.336	0.358	0.407	0.498	0.597	0.448
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0074	0.0109	0.0138	0.0203	0.0314	0.0497	0.0640	0.0881	0.1424	0.1913	1.0000
RP10/A	0.0123	0.0182	0.0229	0.0337	0.0522	0.0826	0.1063	0.1465	0.2367	0.3179	1.5576
RP25/A	0.0151	0.0222	0.0280	0.0412	0.0638	0.1009	0.1299	0.1790	0.2893	0.3885	1.8498
RP50/A	0.0170	0.0251	0.0317	0.0466	0.0721	0.1141	0.1470	0.2025	0.3272	0.4394	2.0575
RP100/A	0.0190	0.0279	0.0352	0.0518	0.0802	0.1270	0.1635	0.2253	0.3640	0.4888	2.2574
RP1000/A	0.0251	0.0369	0.0466	0.0685	0.1061	0.1678	0.2161	0.2978	0.4811	0.6462	2.8849
RP10000/A	0.0309	0.0455	0.0574	0.0845	0.1309	0.2070	0.2666	0.3673	0.5935	0.7971	3.4781
PMP/A	0.0624	0.0918	0.1159	0.1704	0.2641	0.4178	0.5380	0.7412	1.1976	1.6085	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
U05 7926	0	SANTE FE DAM	427	06	01S	10W		S	34.11R	117.973	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1946	*****	*****	*****	*****	0.66	*****	*****	1.49	*****	2.74	******
1947	*****	*****	*****	*****	0.35	*****	*****	0.66	*****	1.23	******
1948	*****	*****	*****	*****	0.45	*****	*****	0.87	*****	1.50	******
1949	*****	*****	*****	*****	0.55	*****	*****	1.21	*****	2.53	******
1950	*****	*****	*****	*****	0.41	*****	*****	1.45	*****	2.10	******
1951	*****	*****	*****	*****	0.57	*****	*****	1.06	*****	3.91	15.31
1952	*****	*****	*****	*****	1.18	*****	*****	2.10	*****	3.74	26.85
1953	*****	*****	*****	*****	0.25	*****	*****	0.79	*****	0.91	******
1954	*****	*****	*****	*****	0.55	*****	*****	2.20	*****	3.16	******
1955	*****	*****	*****	*****	0.44	*****	*****	1.22	*****	1.57	12.06
1956	*****	*****	*****	*****	0.86	*****	*****	3.27	*****	6.67	13.64
1957	*****	*****	*****	*****	0.47	0.77	0.82	1.37	2.08	2.18	18.24
1958	*****	*****	*****	*****	0.30	0.68	0.88	1.43	2.30	2.51	21.06
1959	*****	*****	*****	*****	0.71	0.81	1.07	1.84	2.20	2.24	9.85
1960	*****	*****	*****	*****	0.45	0.55	0.64	1.14	1.26	1.41	******
1961	*****	*****	*****	*****	0.55	0.63	0.67	1.12	1.49	1.88	7.36
1962	*****	*****	*****	*****	0.49	0.97	1.33	1.72	2.43	3.00	17.32
1963	*****	*****	*****	*****	0.72	0.86	0.96	1.77	2.34	3.10	14.85
1964	*****	*****	*****	*****	0.51	0.93	1.10	1.36	1.36	1.57	10.21
1965	*****	*****	*****	*****	0.67	1.07	1.33	1.98	2.77	3.59	26.30
1966	*****	*****	*****	*****	0.54	0.79	1.14	1.59	2.20	2.80	12.56
1967	*****	*****	*****	*****	0.97	1.13	1.64	2.43	3.13	3.42	22.23
1974	*****	*****	*****	*****	0.61	1.15	1.59	2.26	2.68	2.82	18.95

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
U05 7926	0	SANTE FE DAM	427	06	01S	10W		S	34.11R	117.973	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.60	0.83	1.03	1.46	2.00	2.38	15.33
5	0.0	0.0	0.0	0.0	0.90	1.26	1.55	2.19	3.01	3.59	21.64
10	0.0	0.0	0.0	0.0	1.10	1.53	1.90	2.68	3.67	4.38	25.63
20	0.0	0.0	0.0	0.0	1.29	1.79	2.22	3.13	4.29	5.12	29.30
25	0.0	0.0	0.0	0.0	1.34	1.87	2.32	3.27	4.49	5.35	30.43
40	0.0	0.0	0.0	0.0	1.46	2.04	2.53	3.56	4.89	5.83	32.77
50	0.0	0.0	0.0	0.0	1.52	2.12	2.62	3.70	5.07	6.05	33.85
100	0.0	0.0	0.0	0.0	1.69	2.36	2.92	4.12	5.64	6.73	37.14
200	0.0	0.0	0.0	0.0	1.86	2.59	3.21	4.52	6.20	7.40	40.33
1000	0.0	0.0	0.0	0.0	2.24	3.11	3.86	5.44	7.46	8.90	47.46
10000	0.0	0.0	0.0	0.0	2.76	3.84	4.76	6.71	9.20	10.98	57.22
PMP	0.0	0.0	0.0	0.0	5.56	7.75	9.60	13.55	18.57	22.15	119.12
MEAN	0.0	0.0	0.0	0.0	0.662	0.922	1.141	1.611	2.209	2.634	16.453
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	1.287	0.059	0.298	0.938	-0.303	1.559	0.383
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.506 ; INTERCEPT (TIME=1 HOUR) =0.660 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.04010 ; AVERAGE CALC CV / USED CV = 0.60

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	5.418	2.826	2.982	4.595	3.259	7.571	2.931
N	0	0	0	0	23	12	12	23	12	23	15
RECORD YEAR	0	0	0	0	1952	1974	1967	1956	1967	1956	1952
RECORD MAXIMUM	0.0	0.0	0.0	0.0	1.180	1.150	1.640	3.270	3.130	6.670	26.850
NORMILIZED MAX	0.0	0.0	0.0	0.0	2.185	1.097	1.462	2.691	1.593	3.315	1.773
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.358	0.225	0.299	0.383	0.262	0.462	0.356
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0	0.0	0.0402	0.0560	0.0694	0.0979	0.1342	0.1601	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0669	0.0931	0.1153	0.1628	0.2231	0.2661	1.5576
RP25/A	0.0	0.0	0.0	0.0	0.0817	0.1138	0.1409	0.1989	0.2727	0.3252	1.8498
RP50/A	0.0	0.0	0.0	0.0	0.0924	0.1287	0.1594	0.2250	0.3084	0.3678	2.0575
RP100/A	0.0	0.0	0.0	0.0	0.1028	0.1432	0.1773	0.2503	0.3431	0.4092	2.2574
RP1000/A	0.0	0.0	0.0	0.0	0.1359	0.1893	0.2344	0.3309	0.4535	0.5409	2.8849
RP10000/A	0.0	0.0	0.0	0.0	0.1676	0.2336	0.2891	0.4081	0.5595	0.6672	3.4781
PMP/A	0.0	0.0	0.0	0.0	0.3382	0.4713	0.5834	0.8236	1.1289	1.3464	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 8092 0	SERULVEDA DAM 465	740	17	01N	15W	K	S	34.169	118.470	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1946	0.08	0.10	0.15	0.25	0.44	0.79	1.10	1.64	2.10	3.08	******
1947	0.05	0.10	0.14	0.21	0.27	0.36	0.47	0.68	0.70	1.12	******
1948	0.17	0.26	0.28	0.42	0.64	1.08	1.31	1.53	1.56	1.78	******
1949	0.04	0.07	0.10	0.19	0.27	0.50	0.56	0.71	0.81	1.03	******
1950	*****	*****	*****	*****	0.52	0.75	1.00	1.31	1.44	1.45	******
1951	0.12	0.23	0.26	0.27	0.35	0.38	0.51	1.02	1.37	2.14	10.00
1952	0.20	0.31	0.35	0.46	0.78	1.21	1.48	2.70	3.74	4.68	23.29
1953	0.06	0.10	0.15	0.25	0.36	0.58	0.77	0.94	1.05	1.16	3.25
1954	0.15	0.18	0.22	0.30	0.50	0.89	1.16	1.89	2.46	2.65	10.99
1955	0.22	0.28	0.30	0.40	0.42	0.75	1.13	1.37	1.46	1.80	12.24
1956	0.06	0.10	0.11	0.20	0.46	0.69	0.86	1.71	2.85	4.15	9.97
1957	0.15	0.19	0.22	0.36	0.49	0.96	1.24	1.95	2.61	2.75	13.96
1958	0.15	0.21	0.23	0.35	0.45	0.75	1.05	2.05	2.81	2.81	15.22
1959	0.34	0.36	0.39	0.50	0.67	1.33	1.73	2.50	3.72	3.77	9.59
1960	0.31	0.35	0.39	0.75	0.83	0.99	1.03	1.55	1.75	2.09	******
1961	0.18	0.26	0.29	0.36	0.65	0.85	0.92	1.36	1.60	2.08	7.81
1962	0.27	0.48	0.63	0.83	1.00	1.15	1.22	1.87	3.67	5.55	17.69
1963	0.15	0.21	0.26	0.37	0.56	1.07	1.30	2.26	2.74	3.35	13.23
1964	0.09	0.11	0.14	0.22	0.42	0.69	0.88	1.13	1.20	1.59	6.87
1965	0.16	0.30	0.45	0.65	0.96	1.86	2.43	3.80	5.41	6.25	29.61
1966	0.19	0.38	0.46	0.63	0.78	1.35	1.70	2.37	3.73	4.27	10.11
1967	0.21	0.29	0.31	0.52	0.71	0.90	1.11	1.72	2.75	3.94	19.86
1968	0.25	0.28	0.30	0.45	0.75	0.93	1.14	1.52	2.44	2.52	7.15
1969	0.11	0.20	0.30	0.45	0.70	1.15	1.58	2.85	4.27	5.00	29.20
1970	0.17	0.21	0.29	0.40	0.77	1.40	2.01	2.74	3.73	6.11	21.92
1971	0.09	0.15	0.17	0.28	0.38	0.68	0.98	1.65	1.90	2.00	10.69
1972	0.10	0.15	0.18	0.31	0.48	0.90	1.13	1.37	1.39	1.39	4.87
1973	*****	*****	*****	*****	0.70	1.11	1.42	1.90	2.86	3.53	18.16
1974	*****	*****	*****	*****	0.60	1.15	1.59	2.48	3.12	4.01	18.56

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 8092 0	SERULVEDA DAM 465	740	17	01N	15W	K	S	34.169	118.470	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.20	0.25	0.36	0.60	0.91	1.13	1.68	2.24	2.74	13.22
5	0.21	0.31	0.37	0.55	0.90	1.36	1.70	2.54	3.38	4.13	18.67
10	0.26	0.37	0.45	0.67	1.10	1.67	2.08	3.10	4.12	5.05	22.11
20	0.30	0.44	0.53	0.78	1.28	1.95	2.43	3.62	4.82	5.90	25.27
25	0.32	0.46	0.55	0.81	1.34	2.03	2.54	3.78	5.04	6.17	26.25
40	0.35	0.50	0.60	0.89	1.46	2.22	2.76	4.12	5.49	6.72	28.27
50	0.36	0.52	0.62	0.92	1.52	2.30	2.87	4.28	5.70	6.98	29.20
100	0.40	0.58	0.69	1.02	1.69	2.56	3.19	4.76	6.34	7.76	32.04
200	0.44	0.63	0.76	1.13	1.86	2.81	3.51	5.23	6.97	8.53	34.79
1000	0.53	0.76	0.92	1.35	2.23	3.38	4.22	6.29	8.38	10.26	40.95
10000	0.65	0.94	1.13	1.67	2.75	4.18	5.20	7.76	10.34	12.65	49.36
PMP	1.32	1.90	2.29	3.37	5.56	8.42	10.50	15.67	20.87	25.53	102.76
MEAN	0.157	0.225	0.272	0.401	0.661	1.002	1.249	1.863	2.481	3.036	14.193
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.592	0.482	0.478	0.982	0.381	0.580	0.776	0.725	0.530	0.609	0.744
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.408 ; INTERCEPT (TIME=1 HOUR) =0.647 ; COEFFICIENT OF DETERMINATION = 0.994
1HR INTERCEPT / MEAN YR =0.04557 ; AVERAGE CALC CV / USED CV = 0.83

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.241	3.199	4.640	3.801	2.724	4.295	4.511	3.671	3.135	2.727	3.324
N	26	26	26	26	29	29	29	29	29	29	23
RECORD YEAR	1959	1962	1962	1962	1962	1965	1965	1965	1965	1965	1965
RECORD MAXIMUM	0.340	0.480	0.630	0.830	1.000	1.860	2.430	3.800	5.410	6.250	29.610
NORMILIZED MAX	2.332	2.478	2.903	2.537	1.536	2.471	2.632	2.647	2.515	2.127	2.170
CALC. COEF. VAR	0.503	0.466	0.454	0.422	0.334	0.347	0.359	0.393	0.469	0.498	0.501
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0110	0.0159	0.0192	0.0282	0.0466	0.0706	0.0880	0.1313	0.1748	0.2139	1.0000
RP10/A	0.0183	0.0264	0.0318	0.0469	0.0774	0.1173	0.1462	0.2182	0.2906	0.3556	1.5576
RP25/A	0.0224	0.0323	0.0389	0.0574	0.0946	0.1434	0.1787	0.2666	0.3551	0.4345	1.8498
RP50/A	0.0253	0.0365	0.0440	0.0649	0.1070	0.1621	0.2021	0.3016	0.4016	0.4915	2.0575
RP100/A	0.0282	0.0406	0.0490	0.0722	0.1190	0.1804	0.2249	0.3355	0.4468	0.5467	2.2574
RP1000/A	0.0373	0.0537	0.0647	0.0954	0.1573	0.2385	0.2972	0.4435	0.5906	0.7228	2.8849
RP10000/A	0.0460	0.0662	0.0798	0.1177	0.1940	0.2942	0.3667	0.5471	0.7286	0.8916	3.4781
PMP/A	0.0928	0.1336	0.1611	0.2375	0.3916	0.5936	0.7399	1.1040	1.4702	1.7991	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
U05 8230 0	SIGNAL HILL	415		100				33.799	118.167	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1938	0.14	0.19	0.23	0.30	0.52	0.77	0.92	1.19	2.40	3.50	16.11
1939	0.28	0.38	0.42	0.48	0.78	1.49	2.15	3.02	4.92	5.66	15.85
1940	0.22	0.44	0.61	0.84	1.20	1.35	1.45	1.53	1.57	1.61	11.86
1941	0.21	0.27	0.30	0.55	0.80	1.28	1.72	2.02	2.46	2.49	27.42
1942	0.18	0.26	0.34	0.46	0.61	0.79	0.87	0.89	1.58	1.70	11.36
1943	0.07	0.12	0.18	0.25	0.36	0.55	0.70	0.81	1.20	1.46	12.14
1944	0.35	0.44	0.55	0.84	1.13	2.18	2.53	2.77	3.08	3.20	16.67
1945	0.13	0.24	0.31	0.48	0.65	0.74	0.84	0.88	1.59	1.98	12.40
1946	0.15	0.18	0.22	0.31	0.50	0.71	0.78	0.96	1.68	2.60	10.34
1947	0.31	0.40	0.56	0.84	1.03	1.66	1.96	2.58	3.42	4.70	12.87
1948	0.14	0.22	0.28	0.36	0.41	0.46	0.57	0.59	0.95	1.60	5.71
1949	0.17	0.22	0.25	0.34	0.48	0.75	0.85	0.90	1.15	1.20	8.00
1950	0.14	0.15	0.17	0.25	0.45	0.65	0.90	1.37	1.78	1.88	9.57
1951	0.14	0.19	0.28	0.45	0.69	0.77	0.81	1.00	1.12	1.15	7.82
1952	0.14	0.22	0.32	0.45	0.64	0.84	0.92	1.08	1.62	2.74	17.19
1953	0.46	0.57	0.60	0.66	0.79	0.95	0.99	1.02	1.46	1.74	9.34
1954	0.15	0.18	0.20	0.30	0.45	0.77	1.12	1.72	2.57	2.67	12.07
1955	0.16	0.24	0.28	0.36	0.44	0.65	0.87	1.17	1.40	1.40	10.22
1956	0.10	0.12	0.16	0.26	0.52	1.04	1.40	1.75	2.84	5.34	12.32
1957	0.13	0.20	0.22	0.23	0.31	0.44	0.58	0.78	1.04	1.10	7.00
1958	0.24	0.39	0.45	0.59	0.62	0.99	1.16	1.94	3.39	3.39	19.60
1959	0.12	0.19	0.23	0.36	0.54	0.70	0.87	1.32	1.94	2.14	5.93
1960	0.10	0.19	0.25	0.33	0.50	0.80	1.00	1.24	1.27	1.27	8.56
1961	0.11	0.14	0.18	0.28	0.34	0.52	0.66	0.69	1.01	1.02	3.26
1962	0.25	0.35	0.42	0.53	0.64	0.80	0.99	1.39	2.27	2.78	15.17
1963	0.13	0.19	0.27	0.45	0.75	1.38	1.80	2.35	2.93	4.43	11.28
1964	0.16	0.28	0.32	0.40	0.52	0.74	0.83	1.23	1.73	1.77	12.38
1965	0.10	0.18	0.24	0.32	0.48	0.52	0.61	0.94	1.12	1.50	11.23
1966	0.24	0.39	0.42	0.49	0.58	0.79	0.86	0.88	1.29	1.90	12.81
1967	0.10	0.16	0.21	0.35	0.52	0.86	1.04	1.16	1.67	2.12	13.41
1968	0.20	0.22	0.24	0.31	0.48	0.82	1.18	1.51	2.16	2.28	10.05
1974	*****	*****	*****	*****	0.77	1.40	1.93	2.45	2.81	2.94	13.11

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
U05 8230 0	SIGNAL HILL	415		100				33.799	118.167	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.16	0.23	0.28	0.39	0.55	0.82	1.01	1.27	1.79	2.18	11.15
5	0.24	0.35	0.43	0.59	0.83	1.24	1.53	1.92	2.70	3.29	15.74
10	0.30	0.42	0.52	0.72	1.01	1.51	1.86	2.34	3.29	4.01	18.64
20	0.35	0.50	0.61	0.84	1.18	1.77	2.18	2.74	3.85	4.69	21.32
25	0.36	0.52	0.64	0.88	1.24	1.85	2.28	2.86	4.03	4.90	22.14
40	0.40	0.56	0.69	0.96	1.35	2.02	2.48	3.12	4.39	5.34	23.84
50	0.41	0.59	0.72	0.99	1.40	2.09	2.57	3.24	4.55	5.55	24.63
100	0.46	0.65	0.80	1.10	1.56	2.33	2.86	3.60	5.07	6.17	27.02
200	0.50	0.72	0.88	1.21	1.71	2.56	3.15	3.96	5.57	6.78	29.34
1000	0.60	0.86	1.06	1.46	2.06	3.08	3.79	4.76	6.70	8.16	34.53
10000	0.74	1.06	1.31	1.80	2.54	3.80	4.67	5.88	8.26	10.06	41.63
PMP	1.50	2.15	2.63	3.64	5.13	7.66	9.42	11.86	16.67	20.30	86.66
MEAN	0.179	0.255	0.313	0.432	0.610	0.911	1.121	1.410	1.982	2.414	11.970
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.592	1.136	1.098	1.260	1.249	1.537	1.354	1.078	1.327	1.266	1.131
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.490 ; INTERCEPT (TIME=1 HOUR) =0.630 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.05263 ; AVERAGE CALC CV / USED CV = 0.85

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	6.045	3.915	3.466	4.230	4.666	5.740	4.311	3.490	5.245	4.247	6.467
N	31	31	31	31	32	32	32	32	32	32	32
RECORD YEAR	1953	1953	1940	1940	1940	1944	1944	1939	1939	1939	1941
RECORD MAXIMUM	0.460	0.570	0.610	0.840	1.200	2.180	2.530	3.020	4.920	5.660	27.420
NORMILIZED MAX	3.312	2.847	2.300	2.375	2.772	3.288	2.855	2.505	3.254	2.659	3.404
CALC. COEF. VAR	0.475	0.433	0.412	0.397	0.349	0.423	0.440	0.456	0.456	0.506	0.379
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0149	0.0213	0.0262	0.0361	0.0509	0.0761	0.0936	0.1178	0.1656	0.2017	1.0000
RP10/A	0.0248	0.0354	0.0435	0.0600	0.0847	0.1265	0.1556	0.1958	0.2752	0.3353	1.5576
RP25/A	0.0303	0.0433	0.0532	0.0734	0.1035	0.1546	0.1902	0.2393	0.3363	0.4097	1.8498
RP50/A	0.0343	0.0490	0.0601	0.0830	0.1170	0.1749	0.2151	0.2707	0.3804	0.4634	2.0575
RP100/A	0.0382	0.0545	0.0669	0.0923	0.1302	0.1946	0.2393	0.3011	0.4232	0.5155	2.2574
RP1000/A	0.0504	0.0720	0.0884	0.1220	0.1721	0.2572	0.3163	0.3981	0.5594	0.6814	2.8849
RP10000/A	0.0622	0.0888	0.1091	0.1505	0.2123	0.3173	0.3902	0.4910	0.6900	0.8406	3.4781
PMP/A	0.1256	0.1793	0.2201	0.3037	0.4283	0.6402	0.7873	0.9908	1.3924	1.6963	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 8436 0	SPADRA PAC COL	356	713	27	01S	09W	S	34.050	117.817	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1939	0.17	0.28	0.34	0.51	0.60	0.79	1.02	1.94	3.44	5.29	19.17
1940	0.21	0.31	0.34	0.56	0.74	1.07	1.52	2.11	2.71	2.81	12.98
1941	0.18	0.22	0.31	0.53	0.98	1.12	1.44	1.65	1.96	2.71	33.72
1942	0.28	0.30	0.31	0.38	0.56	0.79	0.81	0.84	1.42	1.88	12.65
1943	0.16	0.21	0.34	0.47	0.70	1.11	1.41	2.02	4.06	6.16	22.74
1944	0.15	0.21	0.26	0.31	0.53	0.82	1.16	1.63	2.51	3.21	17.79
1945	0.28	0.48	0.62	0.86	0.91	1.01	1.01	1.03	1.48	2.00	15.77
1946	0.20	0.25	0.35	0.48	0.63	0.82	0.94	1.19	2.22	3.12	13.05
1947	0.25	0.33	0.39	0.43	0.43	0.75	1.00	1.39	1.96	2.64	12.81
1948	0.15	0.23	0.27	0.35	0.44	0.57	0.63	0.68	1.00	1.36	8.61
1949	0.06	0.10	0.12	0.20	0.38	0.74	0.95	0.99	1.38	1.54	9.80
1950	0.16	0.21	0.23	0.27	0.50	0.77	1.02	1.36	1.88	2.26	11.57
1951	0.13	0.20	0.26	0.40	0.56	0.70	0.76	0.81	0.92	1.20	8.89
1952	0.23	0.31	0.35	0.52	0.75	1.22	1.65	2.22	3.60	3.96	26.93
1953	0.25	0.36	0.39	0.50	0.66	0.97	1.05	1.10	1.43	1.83	11.78
1954	0.30	0.48	0.63	0.90	1.06	1.28	1.37	1.75	2.42	2.81	16.10
1955	0.24	0.33	0.33	0.34	0.54	0.90	1.02	1.25	2.03	2.09	13.02
1956	0.07	0.14	0.18	0.30	0.40	0.72	1.08	2.14	3.85	5.68	14.53
1957	0.10	0.13	0.17	0.19	0.28	0.53	0.67	1.00	1.62	1.78	10.98
1958	0.12	0.17	0.22	0.28	0.43	0.77	1.05	1.32	2.29	3.22	28.92
1959	0.25	0.35	0.48	0.73	1.03	1.14	1.26	1.88	2.70	2.75	8.23
1960	0.11	0.19	0.27	0.37	0.52	0.75	0.88	1.11	1.37	1.41	10.11
1961	0.09	0.14	0.17	0.26	0.36	0.52	0.58	0.69	0.92	0.95	5.53
1962	0.19	0.32	0.35	0.35	0.48	0.71	0.95	1.25	1.62	1.90	17.57
1963	0.08	0.14	0.20	0.31	0.48	0.76	0.95	1.35	2.35	3.67	13.03
1964	0.13	0.16	0.19	0.28	0.42	0.72	0.82	1.16	1.90	2.18	8.81
1965	0.16	0.23	0.34	0.44	0.60	1.08	1.28	1.48	1.66	1.94	15.33
1966	0.06	0.12	0.17	0.24	0.38	0.56	0.79	1.20	2.44	4.00	15.50
1967	0.08	0.13	0.16	0.26	0.47	0.75	1.04	1.35	2.24	3.13	22.38
1968	0.22	0.29	0.43	0.70	1.00	1.35	1.98	2.66	3.69	4.11	13.66

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 8436 0	SPADRA PAC COL	356	713	27	01S	09W	S	34.050	117.817	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.15	0.22	0.28	0.38	0.54	0.78	0.96	1.28	1.96	2.52	14.03
5	0.23	0.33	0.42	0.58	0.81	1.17	1.45	1.93	2.95	3.79	19.80
10	0.28	0.41	0.51	0.70	0.99	1.43	1.77	2.36	3.61	4.63	23.46
20	0.33	0.47	0.59	0.82	1.16	1.67	2.07	2.76	4.22	5.41	26.82
25	0.34	0.50	0.62	0.86	1.21	1.74	2.17	2.88	4.41	5.66	27.85
40	0.37	0.54	0.68	0.94	1.32	1.90	2.36	3.14	4.80	6.16	29.99
50	0.39	0.56	0.70	0.97	1.37	1.97	2.45	3.26	4.98	6.40	30.98
100	0.43	0.62	0.78	1.08	1.52	2.19	2.73	3.62	5.54	7.12	33.99
200	0.47	0.69	0.86	1.19	1.67	2.41	2.99	3.98	6.09	7.82	36.91
1000	0.57	0.82	1.03	1.43	2.01	2.90	3.60	4.79	7.33	9.41	43.44
10000	0.70	1.02	1.27	1.77	2.48	3.58	4.44	5.91	9.04	11.61	52.37
PMP	1.42	2.05	2.57	3.57	5.01	7.22	8.97	11.93	18.24	23.42	109.02
MEAN	0.169	0.244	0.306	0.424	0.596	0.858	1.066	1.418	2.169	2.785	15.059
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.134	0.710	0.987	1.160	0.947	0.585	0.976	0.665	0.697	1.039	1.294
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.491 ; INTERCEPT (TIME=1 HOUR) =0.605 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.04018 ; AVERAGE CALC CV / USED CV = 0.75

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	2.204	3.389	4.405	4.172	3.150	2.783	4.633	3.195	3.057	3.966	4.802
N	30	30	30	30	30	30	30	30	30	30	30
RECORD YEAR	1954	1945	1944	1954	1954	1968	1968	1968	1943	1943	1941
RECORD MAXIMUM	0.300	0.480	0.630	0.900	1.060	1.350	1.980	2.660	4.060	6.160	33.720
NORMALIZED MAX	1.849	2.367	2.614	2.607	2.134	2.200	2.992	2.532	2.185	2.588	2.895
CALC. COEF. VAR	0.421	0.409	0.406	0.431	0.365	0.261	0.286	0.346	0.399	0.468	0.428
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0112	0.0162	0.0203	0.0282	0.0396	0.0570	0.0708	0.0942	0.1440	0.1849	1.0000
RP10/A	0.0186	0.0269	0.0337	0.0468	0.0658	0.0947	0.1177	0.1566	0.2394	0.3074	1.5576
RP25/A	0.0228	0.0329	0.0412	0.0572	0.0803	0.1157	0.1438	0.1913	0.2926	0.3756	1.8498
RP50/A	0.0257	0.0372	0.0466	0.0647	0.0909	0.1309	0.1627	0.2164	0.3309	0.4248	2.0575
RP100/A	0.0286	0.0414	0.0519	0.0720	0.1011	0.1456	0.1810	0.2407	0.3681	0.4726	2.2574
RP1000/A	0.0378	0.0547	0.0686	0.0951	0.1336	0.1925	0.2392	0.3182	0.4866	0.6248	2.8849
RP10000/A	0.0467	0.0675	0.0846	0.1174	0.1649	0.2375	0.2951	0.3926	0.6003	0.7707	3.4781
PMP/A	0.0942	0.1363	0.1707	0.2368	0.3327	0.4792	0.5955	0.7921	1.2113	1.5552	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. PSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
U05 8783 51	TANPARK FLATS	1580	2750	06	01N	08W	C S	34.206	117.761	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1934	0.15	0.25	0.28	0.45	0.80	1.32	1.82	3.12	4.92	8.34	24.61
1935	0.25	0.30	0.38	0.56	0.83	1.42	1.75	3.12	3.54	4.90	34.80
1936	0.23	0.30	0.36	0.54	0.95	1.66	1.71	2.28	3.00	3.83	25.21
1937	0.21	0.23	0.26	0.45	0.71	1.16	1.75	3.12	4.08	4.64	43.28
1938	0.28	0.54	0.72	1.08	1.20	2.22	3.72	5.22	9.95	11.91	47.83
1939	0.18	0.19	0.24	0.42	0.77	1.30	1.55	1.86	2.88	4.23	26.94
1940	0.20	0.29	0.37	0.50	0.58	1.04	1.52	2.76	4.20	4.52	21.99
1941	0.28	0.37	0.37	0.53	0.75	1.06	1.34	1.92	2.28	3.73	48.23
1942	0.15	0.20	0.27	0.37	0.41	0.74	0.74	0.90	1.56	1.88	16.65
1943	0.13	0.21	0.26	0.48	0.95	1.76	2.54	4.74	7.44	10.50	45.23
1944	0.10	0.16	0.22	0.37	0.66	1.18	1.72	2.54	4.68	6.36	33.46
1945	0.13	0.33	0.37	0.53	0.97	1.26	1.55	2.04	2.76	3.67	29.89
1946	0.22	0.39	0.51	0.75	1.13	1.70	1.92	2.82	5.04	7.75	26.85
1947	0.13	0.19	0.24	0.38	0.60	0.96	1.42	2.52	3.96	4.40	27.68
1948	0.16	0.25	0.31	0.38	0.49	0.74	1.00	1.62	1.92	3.06	15.83
1949	0.08	0.13	0.16	0.24	0.43	0.52	0.63	0.84	1.56	2.24	16.96
1950	0.15	0.20	0.27	0.39	0.63	0.98	1.18	2.04	3.12	4.68	20.78
1951	0.30	0.33	0.47	0.64	0.80	1.04	1.20	1.38	1.44	1.51	11.47
1952	0.13	0.25	0.27	0.40	0.63	1.12	1.48	2.40	3.60	4.61	41.11
1953	0.23	0.30	0.32	0.48	0.67	1.04	1.20	1.62	1.68	1.71	15.47
1954	0.15	0.20	0.27	0.50	0.67	1.04	1.57	3.00	3.84	5.69	24.92
1955	0.19	0.33	0.35	0.48	0.67	0.96	1.43	1.92	2.40	2.64	15.73
1956	0.16	0.19	0.20	0.40	0.68	1.24	1.80	3.42	5.40	7.06	20.16
1957	0.18	0.27	0.29	0.31	0.56	0.86	1.28	2.16	3.36	3.70	19.81
1958	0.31	0.37	0.40	0.70	0.82	1.16	1.69	2.64	3.48	4.20	48.14
1959	0.25	0.37	0.45	0.58	0.83	1.26	1.54	1.97	2.74	3.45	14.31
1960	0.11	0.15	0.18	0.31	0.39	0.68	0.87	1.15	1.60	2.48	13.90
1961	0.10	0.26	0.29	0.48	0.61	0.78	*****	1.20	1.68	1.69	10.14
1962	0.22	0.31	0.39	0.63	1.08	1.54	*****	2.88	3.72	4.01	29.61
1963	0.11	0.16	0.22	0.36	0.72	1.20	*****	3.24	4.56	5.76	17.28
1964	0.12	0.18	0.30	0.42	0.67	1.08	*****	1.86	1.92	2.81	15.32
1965	0.16	0.31	0.40	0.53	0.63	0.96	*****	1.92	2.40	3.76	20.95
1966	0.22	0.30	0.42	0.60	0.95	1.60	2.24	3.28	6.21	8.22	32.62
1967	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	45.61
1968	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	20.32

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. PSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
U05 8783 51	TANPARK FLATS	1580	2750	06	01N	08W	C S	34.206	117.761	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.16	0.24	0.30	0.44	0.66	1.06	1.43	2.19	3.21	4.22	24.57
5	0.25	0.36	0.45	0.67	1.00	1.59	2.15	3.30	4.84	6.35	34.68
10	0.30	0.44	0.54	0.82	1.22	1.94	2.62	4.02	5.90	7.75	41.08
20	0.35	0.52	0.64	0.96	1.43	2.27	3.07	4.71	6.90	9.07	46.96
25	0.37	0.54	0.67	1.00	1.49	2.37	3.20	4.92	7.22	9.48	48.78
40	0.40	0.59	0.72	1.09	1.63	2.59	3.49	5.36	7.86	10.32	52.52
50	0.41	0.61	0.75	1.13	1.69	2.69	3.62	5.56	8.16	10.72	54.26
100	0.46	0.68	0.84	1.26	1.88	2.99	4.03	6.19	9.08	11.92	59.53
200	0.51	0.75	0.92	1.38	2.07	3.28	4.43	6.80	9.98	13.10	64.65
1000	0.61	0.90	1.11	1.66	2.49	3.95	5.33	8.18	12.00	15.76	76.09
10000	0.75	1.11	1.37	2.05	3.07	4.87	6.57	10.09	14.80	19.44	91.73
PMP	1.52	2.25	2.75	4.14	6.19	9.83	13.26	20.36	29.87	39.23	190.94
MEAN	0.180	0.267	0.328	0.492	0.736	1.169	1.577	2.421	3.552	4.665	26.373
CLOCK MR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.355	0.850	1.443	1.754	0.471	0.847	1.736	0.847	1.551	1.250	0.681
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.400 ; INTERCEPT (TIME=1 HOUR) =0.772 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.02926 ; AVERAGE CALC CV / USED CV = 0.66

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	2.615	4.631	6.863	8.469	3.238	4.500	8.853	4.523	6.582	4.691	2.507
N	33	33	33	33	33	33	28	33	33	33	35
RECORD YEAR	1958	1938	1938	1938	1938	1938	1938	1938	1938	1938	1941
RECORD MAXIMUM	0.310	0.540	0.720	1.080	1.200	2.220	3.720	5.220	9.950	11.910	48.230
NORMILIZED MAX	2.053	3.142	3.562	3.787	2.350	2.988	3.637	2.868	3.466	2.928	1.890
CALC. COEF. VAR	0.350	0.326	0.336	0.315	0.269	0.301	0.374	0.403	0.520	0.530	0.439
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0068	0.0101	0.0124	0.0187	0.0279	0.0443	0.0598	0.0918	0.1347	0.1769	1.0000
RP10/A	0.0114	0.0168	0.0206	0.0310	0.0464	0.0737	0.0994	0.1526	0.2239	0.2940	1.5576
RP25/A	0.0139	0.0206	0.0252	0.0379	0.0567	0.0900	0.1215	0.1865	0.2736	0.3593	1.8498
RP50/A	0.0157	0.0233	0.0285	0.0429	0.0641	0.1018	0.1374	0.2109	0.3094	0.4064	2.0575
RP100/A	0.0175	0.0259	0.0317	0.0477	0.0713	0.1133	0.1528	0.2346	0.3442	0.4521	2.2574
RP1000/A	0.0231	0.0342	0.0420	0.0630	0.0943	0.1498	0.2020	0.3102	0.4550	0.5976	2.8849
RP10000/A	0.0285	0.0422	0.0518	0.0778	0.1163	0.1848	0.2492	0.3826	0.5613	0.7372	3.4781
PMP/A	0.0575	0.0851	0.1045	0.1569	0.2346	0.3728	0.5029	0.7721	1.1327	1.4875	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 9165 0	UPPER FRANKLIN RES	11	867	36	01N	15W	N S	34.121	118.411	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
	DURATION										
1938	0.21	0.37	0.50	0.66	0.94	1.55	2.03	2.74	4.39	5.55	28.74
1939	0.21	0.23	0.28	0.53	0.70	0.87	1.01	1.34	2.47	3.21	19.86
1940	0.20	0.29	0.37	0.55	0.76	1.01	1.55	2.41	4.61	5.71	16.24
1941	0.30	0.43	0.52	0.67	1.02	1.41	1.58	2.04	2.70	3.17	42.23
1942	0.37	0.46	0.56	0.68	0.80	1.13	1.19	1.62	2.41	2.80	15.18
1943	0.32	0.50	0.66	1.03	1.53	2.20	2.58	3.28	5.83	10.00	28.03
1944	0.18	0.34	0.40	0.70	0.82	1.14	1.35	1.55	2.28	4.27	23.70
1945	0.33	0.37	0.40	0.78	0.94	1.12	1.29	1.41	2.22	2.99	16.99
1946	0.20	0.30	0.34	0.45	0.59	1.02	1.43	1.72	2.39	4.00	15.16
1947	0.20	0.21	0.23	0.37	0.55	0.83	1.07	1.52	2.19	3.00	17.38
1948	0.17	0.26	0.30	0.46	0.79	1.17	1.39	1.52	1.54	1.55	8.78
1949	0.09	0.12	0.15	0.19	0.35	0.56	0.73	0.90	1.34	1.75	9.78
1950	0.06	0.10	0.13	0.25	0.42	0.68	0.97	1.34	1.92	2.16	12.17
1951	0.13	0.16	0.26	0.47	0.80	0.96	1.02	1.02	1.02	1.02	9.81
1952	0.33	0.53	0.69	1.04	1.33	1.59	1.76	2.86	5.18	6.87	36.23
1953	0.31	0.34	0.39	0.50	0.71	1.02	1.19	1.59	1.55	2.01	12.25
1954	0.22	0.26	0.28	0.40	0.72	1.27	1.74	2.40	3.46	3.83	15.99
1955	0.16	0.22	0.26	0.37	0.48	0.71	1.10	1.52	1.66	1.70	15.12
1956	0.08	0.14	0.19	0.29	0.49	0.88	1.04	1.59	3.75	5.15	19.23
1957	0.20	0.36	0.39	0.48	0.82	1.50	1.84	2.11	2.94	3.07	14.82
1958	0.22	0.33	0.40	0.55	0.70	0.84	1.02	1.60	2.71	2.72	26.51
1959	0.40	0.41	0.43	0.54	0.91	1.48	2.02	2.93	3.56	2.48	11.40
1960	0.08	0.14	0.22	0.39	0.63	1.13	1.36	1.92	2.42	2.44	10.96
1961	0.20	0.28	0.30	0.47	0.62	0.76	0.97	1.28	1.76	1.82	7.82
1962	0.28	0.42	0.52	0.66	0.75	1.07	1.37	1.83	4.01	6.28	29.62
1963	0.09	0.11	0.15	0.28	0.51	0.90	1.30	2.04	3.26	3.81	11.77
1964	0.14	0.18	0.23	0.35	0.55	1.03	1.32	1.52	1.58	1.98	10.33
1965	0.24	0.41	0.51	0.61	0.62	0.70	0.74	1.01	1.50	1.86	16.35
1966	0.15	0.22	0.30	0.51	1.02	1.60	2.18	3.13	5.14	5.58	25.21
1967	0.26	0.40	0.55	0.85	1.25	1.50	1.78	2.24	4.00	4.50	26.81
1968	0.26	0.30	0.39	0.48	0.74	1.25	1.63	2.22	3.76	4.00	17.06
1969	0.34	0.36	0.42	0.54	0.82	1.24	1.62	1.86	2.37	2.77	34.83
1970	0.14	0.20	0.24	0.36	0.50	0.77	0.94	1.48	1.71	1.96	9.88

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 9165 0	UPPER FRANKLIN RES	11	867	36	01N	15W	N S	34.121	118.411	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.19	0.27	0.33	0.48	0.69	1.01	1.26	1.68	2.56	3.18	17.40
5	0.29	0.40	0.49	0.72	1.04	1.52	1.90	2.53	3.86	4.79	24.56
10	0.36	0.49	0.60	0.88	1.27	1.86	2.32	3.08	4.72	5.84	29.09
20	0.42	0.57	0.70	1.03	1.48	2.17	2.72	3.61	5.51	6.83	33.25
25	0.44	0.60	0.74	1.07	1.55	2.27	2.84	3.77	5.76	7.14	34.54
40	0.47	0.65	0.80	1.17	1.69	2.47	3.09	4.11	6.26	7.78	37.19
50	0.49	0.68	0.83	1.22	1.75	2.57	3.21	4.26	6.52	8.07	38.42
100	0.55	0.76	0.93	1.35	1.95	2.86	3.57	4.74	7.25	8.98	42.15
200	0.60	0.83	1.02	1.49	2.14	3.14	3.92	5.21	7.97	9.87	45.77
1000	0.72	1.00	1.22	1.79	2.58	3.78	4.72	6.27	9.59	11.87	53.87
10000	0.89	1.23	1.51	2.21	3.18	4.66	5.82	7.73	11.83	14.65	64.95
PMP	1.80	2.48	3.05	4.45	6.42	9.40	11.75	15.61	23.86	29.55	135.19
MEAN	0.214	0.295	0.362	0.529	0.763	1.118	1.397	1.856	2.837	3.514	18.673
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.190	0.052	0.443	0.875	1.104	0.934	0.747	0.745	0.727	1.488	1.000
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.472 ; INTERCEPT (TIME=1 HOUR) =0.770 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.04126 ; AVERAGE CALC CV / USED CV = 0.74

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	2.533	2.376	2.847	4.110	4.778	4.575	3.619	3.074	2.920	6.057	3.518
N	33	33	33	33	33	33	33	33	33	33	33
RECORD YEAR	1959	1952	1952	1952	1943	1943	1943	1943	1943	1943	1941
RECORD MAXIMUM	0.400	0.530	0.690	1.040	1.530	2.200	2.580	3.280	5.830	10.000	42.230
NORMILIZED MAX	2.067	2.006	2.271	2.559	2.962	3.114	2.759	2.304	2.399	3.422	2.680
CALC. COEF. VAR	0.419	0.396	0.398	0.377	0.339	0.311	0.307	0.333	0.440	0.539	0.471
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0115	0.0158	0.0194	0.0283	0.0409	0.0599	0.0748	0.0994	0.1519	0.1882	1.0000
RP10/A	0.0191	0.0263	0.0323	0.0471	0.0679	0.0995	0.1244	0.1652	0.2526	0.3128	1.5576
RP25/A	0.0233	0.0321	0.0394	0.0576	0.0830	0.1216	0.1520	0.2019	0.3086	0.3822	1.8498
RP50/A	0.0264	0.0364	0.0446	0.0651	0.0939	0.1375	0.1719	0.2283	0.3491	0.4323	2.0575
RP100/A	0.0293	0.0404	0.0496	0.0724	0.1044	0.1530	0.1912	0.2540	0.3883	0.4810	2.2574
RP1000/A	0.0388	0.0535	0.0656	0.0957	0.1381	0.2023	0.2528	0.3358	0.5133	0.6358	2.8849
RP10000/A	0.0478	0.0659	0.0809	0.1181	0.1703	0.2495	0.3119	0.4142	0.6333	0.7843	3.4781
PMP/A	0.0965	0.1331	0.1632	0.2383	0.3436	0.5035	0.6293	0.8358	1.2778	1.5826	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. SN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
05 9260 0	VAN NUYS	15	695	01N	15W		S	34.180	118.451	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1931	0.24	0.32	0.34	0.50	0.84	1.26	1.34	1.88	2.51	4.14	15.45
1932	0.06	0.09	0.13	0.22	0.39	0.67	0.80	1.02	1.88	3.44	19.11
1933	0.14	0.16	0.21	0.39	0.68	1.26	1.74	2.69	5.29	6.94	13.36
1934	0.15	0.21	0.27	0.41	0.64	0.97	1.09	1.24	1.48	2.19	12.70
1935	0.19	0.28	0.38	0.55	0.80	1.15	1.24	1.34	1.39	1.74	18.14
1936	0.14	0.18	0.22	0.39	0.62	1.18	1.64	1.94	2.08	2.48	9.86
1937	0.10	0.17	0.19	0.29	0.43	0.81	1.05	1.20	1.71	2.36	21.96
1938	0.33	0.41	0.50	0.68	0.90	1.36	1.64	2.08	4.63	5.66	23.91
1939	0.09	0.14	0.16	0.26	0.44	0.80	1.11	1.84	3.57	4.81	20.62
1940	0.30	0.43	0.50	0.79	0.92	1.12	1.48	2.28	2.73	3.55	15.83
1941	0.26	0.36	0.46	0.88	1.26	1.43	1.66	1.90	2.76	3.31	39.77
1942	0.09	0.14	0.17	0.26	0.37	0.63	0.75	0.85	1.18	1.18	13.18
1943	0.24	0.34	0.37	0.50	0.91	1.50	2.13	3.08	5.28	8.03	24.21
1944	0.14	0.24	0.28	0.37	0.61	0.80	1.01	1.76	2.76	5.09	23.39
1945	0.14	0.23	0.27	0.48	0.70	0.93	1.14	1.39	2.24	3.43	11.31
1946	0.24	0.25	0.26	0.32	0.52	0.81	1.13	1.58	2.16	3.21	12.37
1947	0.08	0.13	0.18	0.27	0.39	0.46	0.50	0.71	0.79	1.28	14.16
1948	0.23	0.29	0.33	0.45	0.70	1.09	1.33	1.47	1.52	1.60	7.81
1949	0.13	0.20	0.20	0.20	0.20	0.22	0.29	0.36	0.72	0.92	7.17
1950	0.08	0.14	0.18	0.30	0.49	0.64	0.85	1.07	1.20	1.22	8.69
1951	0.10	0.20	0.24	0.32	0.38	0.55	0.65	0.99	1.48	2.24	7.07
1952	0.16	0.28	0.39	0.55	0.84	1.24	1.49	2.10	3.84	4.48	28.56
1953	0.06	0.10	0.15	0.22	0.33	0.52	0.71	0.82	0.92	1.01	11.14
1954	0.14	0.18	0.21	0.30	0.48	0.80	1.04	1.44	2.08	2.32	12.37
1955	0.20	0.26	0.32	0.47	0.48	0.66	0.88	1.10	1.42	1.60	13.48
1956	0.06	0.10	0.15	0.25	0.49	0.81	1.03	1.67	2.61	4.56	14.29
1957	0.11	0.16	0.24	0.36	0.51	0.94	1.20	1.57	2.26	2.53	11.94
1958	0.28	0.30	0.31	0.34	0.40	0.70	0.95	1.42	2.50	2.50	23.68
1959	0.20	0.30	0.35	0.56	0.94	1.52	1.97	2.81	3.51	3.51	8.95
1960	0.07	0.11	0.15	0.26	0.40	0.69	0.87	1.14	1.50	1.65	8.53
1961	0.15	0.25	0.33	0.40	0.55	0.72	0.74	0.94	1.40	1.50	6.26
1962	0.22	0.32	0.48	0.80	1.15	1.29	1.32	1.40	2.97	4.51	22.44
1963	0.08	0.14	0.20	0.31	0.58	0.98	1.37	1.97	2.74	3.30	9.45
1964	0.09	0.15	0.19	0.30	0.48	0.63	0.95	1.22	1.70	1.70	7.96
1965	0.15	0.26	0.40	0.55	0.75	0.90	1.07	1.34	1.82	2.20	13.38

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. SN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
05 9260 0	VAN NUYS	15	695	01N	15W		S	34.180	118.451	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.14	0.20	0.25	0.37	0.56	0.83	1.04	1.38	2.08	2.74	14.18
5	0.21	0.30	0.38	0.56	0.84	1.25	1.56	2.08	3.14	4.13	20.01
10	0.26	0.37	0.46	0.69	1.02	1.52	1.91	2.54	3.83	5.04	23.70
20	0.30	0.43	0.54	0.81	1.20	1.78	2.23	2.97	4.48	5.90	27.09
25	0.32	0.45	0.56	0.84	1.25	1.86	2.33	3.11	4.68	6.16	28.14
40	0.34	0.49	0.61	0.92	1.36	2.02	2.54	3.39	5.10	6.71	30.30
50	0.36	0.51	0.64	0.95	1.42	2.10	2.64	3.52	5.29	6.97	31.30
100	0.40	0.57	0.71	1.06	1.58	2.34	2.93	3.91	5.89	7.75	34.34
200	0.44	0.63	0.78	1.16	1.73	2.57	3.22	4.30	6.47	8.52	37.29
1000	0.53	0.75	0.94	1.40	2.08	3.09	3.88	5.17	7.78	10.25	43.89
10000	0.65	0.93	1.16	1.73	2.57	3.81	4.78	6.38	9.60	12.64	52.92
PMP	1.31	1.88	2.33	3.48	5.18	7.69	9.65	12.87	19.37	25.52	110.15
MEAN	0.155	0.223	0.277	0.414	0.616	0.914	1.147	1.530	2.304	3.034	15.214
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
ALCULATED SKEW	0.626	0.471	0.630	1.150	0.817	0.177	0.390	0.689	1.125	1.116	1.332
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.438 ; INTERCEPT (TIME=1 HOUR) =0.616 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.04048 ; AVERAGE CALC CV / USED CV = 0.80

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	2.670	2.696	2.610	4.019	3.517	2.622	3.378	3.711	4.193	4.335	5.410
N	35	35	35	35	35	35	35	35	35	35	35
RECORD YEAR	1938	1940	1938	1941	1941	1959	1943	1943	1933	1943	1941
RECORD MAXIMUM	0.330	0.430	0.500	0.880	1.260	1.520	2.130	3.080	5.290	8.030	39.770
NORMILIZED MAX	2.342	2.299	2.064	2.698	2.667	1.904	2.432	2.583	2.581	2.952	3.361
ALC. COEF. VAR	0.480	0.402	0.389	0.417	0.392	0.348	0.352	0.392	0.502	0.558	0.480
EGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
SED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0102	0.0147	0.0182	0.0272	0.0405	0.0601	0.0754	0.1006	0.1514	0.1994	1.0000
RP10/A	0.0170	0.0244	0.0303	0.0453	0.0673	0.0999	0.1254	0.1672	0.2517	0.3315	1.5576
RP25/A	0.0208	0.0298	0.0370	0.0553	0.0823	0.1221	0.1532	0.2043	0.3076	0.4051	1.6498
RP50/A	0.0235	0.0337	0.0419	0.0626	0.0931	0.1381	0.1733	0.2311	0.3479	0.4581	2.0575
RP100/A	0.0261	0.0375	0.0466	0.0696	0.1035	0.1536	0.1928	0.2571	0.3870	0.5097	2.2574
RP1000/A	0.0345	0.0496	0.0616	0.0920	0.1369	0.2030	0.2548	0.3398	0.5116	0.6737	2.8849
RP10000/A	0.0426	0.0612	0.0760	0.1135	0.1688	0.2505	0.3143	0.4192	0.6311	0.8311	3.4781
PMP/A	0.0859	0.1235	0.1534	0.2290	0.3407	0.5054	0.6343	0.8459	1.2734	1.6771	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	MMM	LATITUDE	LONGITUDE	COUNTY
U05 9464 1	WATERMAN GD STA	52	3290					34.266	118.143	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1938	0.21	0.33	0.42	0.68	1.28	2.38	3.50	5.46	9.31	11.24	43.73
1939	0.23	0.46	0.56	0.60	0.68	1.17	1.76	2.37	4.42	6.40	28.17
1940	0.40	0.45	0.49	0.67	1.02	1.67	1.97	2.60	3.66	3.76	21.15
1941	0.23	0.40	0.60	0.81	1.42	1.65	2.09	2.64	3.75	7.74	57.49
1942	0.07	0.10	0.13	0.15	0.26	0.42	0.49	0.88	1.59	1.78	******
1943	0.24	0.32	0.45	0.80	1.23	2.35	3.35	5.04	9.85	17.20	49.74
1944	0.45	0.50	0.52	0.69	0.95	1.68	1.99	3.65	6.38	11.36	38.17
1945	0.30	0.42	0.55	0.73	1.28	1.74	2.62	3.44	4.91	6.73	26.75
1946	0.25	0.32	0.45	0.61	0.98	1.50	2.06	2.66	5.10	7.07	30.46
1947	0.14	0.24	0.27	0.36	0.54	0.88	1.13	1.27	1.31	1.95	31.04
1948	0.24	0.28	0.31	0.37	0.68	0.98	1.44	2.06	2.71	2.73	14.94
1949	0.10	0.20	0.27	0.40	0.80	1.35	1.96	2.28	3.46	4.35	17.78
1950	0.08	0.15	0.20	0.34	0.62	1.16	1.60	1.94	2.34	2.34	22.07
1951	0.08	0.18	0.25	0.35	0.55	0.80	1.15	1.26	1.47	1.56	10.89
1952	0.69	0.71	0.72	0.73	1.06	1.58	2.07	2.73	4.30	5.18	49.59
1953	0.05	0.07	0.09	0.15	0.23	0.43	0.61	0.85	1.15	1.28	14.97
1954	0.20	0.24	0.30	0.50	0.72	1.09	1.49	2.14	3.47	4.71	25.40
1955	0.10	0.15	0.19	0.31	0.57	1.02	1.53	2.23	2.82	3.50	21.31
1956	0.10	0.17	0.26	0.52	0.75	1.31	1.68	2.83	4.95	6.88	22.80
1957	0.20	0.27	0.32	0.47	0.76	1.08	1.43	2.00	3.18	3.50	20.93
1958	0.26	0.42	0.48	0.54	0.74	1.38	1.76	2.34	3.42	3.83	46.66
1959	0.22	0.28	0.37	0.48	0.60	0.96	1.35	2.00	3.23	3.98	14.10
1960	0.12	0.19	0.25	0.35	0.42	0.63	0.81	0.98	1.30	1.95	12.20
1961	0.37	0.48	0.58	0.78	1.00	1.09	1.28	1.49	2.22	3.08	10.77
1962	0.18	0.25	0.33	0.45	0.68	1.35	1.76	2.65	4.52	6.85	32.60
1963	0.22	0.30	0.40	0.60	0.95	1.45	1.85	3.16	5.45	6.75	18.07
1964	0.15	0.25	0.34	0.50	0.75	1.28	1.55	1.99	2.23	3.05	18.26
1965	0.12	0.18	0.24	0.40	0.62	0.75	1.22	1.75	2.06	2.37	23.97
1966	0.16	0.30	0.39	0.70	1.40	2.10	3.20	4.75	8.05	10.02	43.27
1967	0.17	0.25	0.35	0.55	0.95	1.47	1.94	2.80	4.90	5.85	45.05
1968	0.49	0.94	1.22	1.47	1.54	2.22	2.37	3.76	5.79	7.73	23.45
1969	0.30	0.35	0.40	0.63	1.11	1.95	2.80	4.60	9.00	12.48	27.18

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	MMM	LATITUDE	LONGITUDE	COUNTY
U05 9464 1	WATERMAN GD STA	52	3290					34.266	118.143	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.20	0.29	0.36	0.50	0.77	1.20	1.63	2.33	3.74	5.06	25.94
5	0.30	0.43	0.54	0.75	1.16	1.82	2.46	3.51	5.63	7.63	36.61
10	0.37	0.53	0.66	0.92	1.41	2.22	3.00	4.29	6.87	9.31	43.36
20	0.43	0.62	0.77	1.07	1.65	2.59	3.51	5.02	8.04	10.88	49.57
25	0.45	0.64	0.81	1.12	1.72	2.71	3.67	5.24	8.40	11.38	51.49
40	0.49	0.70	0.88	1.22	1.88	2.95	4.00	5.71	9.15	12.39	55.44
50	0.51	0.73	0.91	1.27	1.95	3.06	4.15	5.93	9.50	12.87	57.28
100	0.57	0.81	1.01	1.41	2.17	3.41	4.62	6.60	10.57	14.31	62.84
200	0.62	0.89	1.11	1.55	2.38	3.74	5.07	7.25	11.61	15.73	68.24
1000	0.75	1.07	1.34	1.87	2.87	4.51	6.10	8.72	13.97	18.92	80.31
10000	0.93	1.32	1.65	2.30	3.53	5.56	7.53	10.76	17.23	23.34	96.82
PMP	1.87	2.67	3.34	4.65	7.13	11.21	15.19	21.70	34.77	47.10	201.54
MEAN	0.222	0.317	0.397	0.553	0.848	1.333	1.807	2.581	4.134	5.600	27.837
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.558	1.733	2.036	1.548	0.284	0.334	0.635	0.826	0.997	1.305	0.712
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.421 ; INTERCEPT (TIME=1 HOUR) =0.891 ; COEFFICIENT OF DETERMINATION = 0.992
1HR INTERCEPT / MEAN YR =0.03200 ; AVERAGE CALC CV / USED CV = 0.95

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	6.296	7.475	10.001	8.624	2.849	3.048	3.726	3.577	3.697	4.999	2.750
N	32	32	32	32	32	32	32	32	32	32	31
RECORD YEAR	1952	1968	1968	1968	1968	1938	1938	1938	1943	1943	1941
RECORD MAXIMUM	0.690	0.940	1.220	1.470	1.540	2.380	3.500	5.460	9.850	17.200	57.490
NORMILIZED MAX	3.385	3.551	3.955	3.780	2.113	2.061	2.362	2.447	2.429	3.140	2.300
CALC. COEF. VAR	0.621	0.553	0.524	0.439	0.386	0.381	0.397	0.456	0.569	0.660	0.463
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0080	0.0114	0.0143	0.0199	0.0305	0.0479	0.0649	0.0927	0.1485	0.2012	1.0000
RP10/A	0.0133	0.0189	0.0237	0.0330	0.0506	0.0796	0.1079	0.1541	0.2469	0.3344	1.5576
RP25/A	0.0162	0.0231	0.0290	0.0403	0.0619	0.0973	0.1318	0.1883	0.3017	0.4086	1.8498
RP50/A	0.0184	0.0262	0.0328	0.0456	0.0700	0.1100	0.1491	0.2130	0.3412	0.4622	2.0575
RP100/A	0.0204	0.0291	0.0364	0.0508	0.0779	0.1224	0.1659	0.2369	0.3796	0.5142	2.2574
RP1000/A	0.0270	0.0385	0.0482	0.0671	0.1029	0.1618	0.2193	0.3132	0.5018	0.6797	2.8849
RP10000/A	0.0333	0.0475	0.0594	0.0828	0.1270	0.1996	0.2705	0.3864	0.6190	0.8384	3.4781
PMP/A	0.0672	0.0958	0.1199	0.1670	0.2562	0.4028	0.5458	0.7796	1.2490	1.6918	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BNM	LATITUDE	LONGITUDE	COUNTY
W26 6624 0	PALMDALE	2595	19	06N	11W	N	S	34.588	118.092	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.23	0.42	0.53	0.86	0.95	1.13	******
1941	*****	*****	*****	*****	0.31	0.50	0.64	0.86	1.17	1.30	14.32
1942	*****	*****	*****	*****	0.45	0.62	0.71	0.75	0.76	0.77	2.67
1943	*****	*****	*****	*****	0.33	0.59	0.86	1.43	2.06	3.35	15.77
1944	*****	*****	*****	*****	0.26	0.46	0.57	0.91	1.65	2.45	9.69
1945	*****	*****	*****	*****	0.22	0.39	0.54	0.81	0.99	1.24	5.41
1946	*****	*****	*****	*****	0.23	0.43	0.56	0.97	1.01	1.67	7.13
1947	*****	*****	*****	*****	0.17	0.29	0.31	0.60	0.74	1.03	2.54
1948	*****	*****	*****	*****	0.18	0.25	0.32	0.39	0.62	0.79	3.24
1949	*****	*****	*****	*****	0.09	0.17	0.25	0.41	0.47	0.47	3.00
1950	*****	*****	*****	*****	0.28	0.29	0.29	0.34	0.38	0.38	1.97
1951	0.03	0.05	0.08	0.10	0.19	0.25	0.29	0.60	0.64	0.92	4.67
1952	0.16	0.23	0.29	0.32	0.33	0.57	0.65	0.93	1.88	1.88	11.60
1953	0.04	0.05	0.06	0.10	0.13	0.13	0.13	0.20	0.20	0.20	0.86
1954	0.08	0.11	0.15	0.20	0.29	0.45	0.69	0.93	1.17	1.50	6.91
1955	0.02	0.04	0.06	0.10	0.20	0.37	0.41	0.55	0.66	0.66	3.92
1956	0.03	0.05	0.06	0.10	0.18	0.32	0.40	0.66	0.72	1.46	3.16
1957	0.04	0.05	0.08	0.11	0.17	0.32	0.46	0.87	1.26	1.34	6.77
1958	0.18	0.21	0.22	0.29	0.40	0.43	0.61	0.63	0.88	0.91	7.19
1959	0.35	0.37	0.40	0.46	0.46	0.47	0.47	0.51	0.52	0.52	3.19
1960	0.05	0.07	0.10	0.12	0.17	0.25	0.28	0.36	0.61	0.85	3.01
1961	0.03	0.05	0.06	0.11	0.21	0.30	0.36	0.47	0.64	0.66	2.26
1962	0.03	0.05	0.07	0.12	0.23	0.44	0.56	0.88	1.05	1.14	4.96
1963	0.10	0.15	0.19	0.29	0.43	0.57	0.60	0.60	0.62	1.05	6.27
1964	0.04	0.05	0.07	0.14	0.27	0.49	0.57	0.60	0.60	0.82	3.75
1965	0.05	0.10	0.12	0.21	0.30	0.55	0.70	1.29	2.23	2.67	9.16
1966	0.02	0.04	0.06	0.12	0.17	0.27	0.35	0.54	0.68	0.68	4.96
1967	0.04	0.07	0.10	0.14	0.25	0.39	0.49	0.86	1.11	1.48	7.86
1968	0.06	0.10	0.12	0.15	0.21	0.26	0.27	0.40	0.66	0.70	3.69
1969	0.09	0.10	0.12	0.20	0.31	0.47	0.64	0.99	1.51	1.67	9.43
1970	0.02	0.04	0.06	0.10	0.18	0.30	0.37	0.55	0.61	0.62	5.92
1971	0.02	0.04	0.06	0.10	0.19	0.35	0.48	0.75	1.46	2.20	4.64
1972	0.06	0.10	0.11	0.18	0.30	0.40	0.42	0.42	0.43	0.43	1.96
1973	*****	*****	*****	*****	0.30	0.49	0.64	1.16	1.50	1.68	6.26
1974	*****	*****	*****	*****	0.30	0.59	0.81	0.90	0.93	1.29	6.88

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BNM	LATITUDE	LONGITUDE	COUNTY
W26 6624 0	PALMDALE	2595	19	06N	11W	N	S	34.588	118.092	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.06	0.09	0.11	0.15	0.23	0.36	0.45	0.65	0.86	1.08	5.31
5	0.10	0.13	0.16	0.23	0.35	0.54	0.67	0.97	1.30	1.63	7.95
10	0.12	0.16	0.20	0.28	0.42	0.66	0.82	1.18	1.58	1.99	9.58
20	0.14	0.19	0.23	0.33	0.49	0.77	0.95	1.38	1.85	2.32	11.08
25	0.14	0.20	0.24	0.35	0.52	0.80	1.00	1.45	1.93	2.43	11.54
40	0.15	0.21	0.26	0.38	0.56	0.87	1.09	1.58	2.10	2.64	12.48
50	0.16	0.22	0.28	0.39	0.58	0.91	1.13	1.64	2.19	2.74	12.91
100	0.18	0.25	0.31	0.44	0.65	1.01	1.26	1.82	2.43	3.05	14.23
200	0.20	0.27	0.34	0.48	0.71	1.11	1.38	2.00	2.67	3.35	15.51
1000	0.24	0.32	0.40	0.58	0.86	1.33	1.66	2.40	3.21	4.03	18.35
10000	0.29	0.40	0.50	0.71	1.06	1.64	2.05	2.97	3.96	4.98	22.20
PMP	0.59	0.81	1.01	1.43	2.14	3.31	4.13	5.98	7.99	10.03	48.84
MEAN	0.070	0.096	0.120	0.171	0.255	0.395	0.492	0.714	0.953	1.197	5.736
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.774	2.269	2.125	1.765	0.674	-0.066	0.050	0.498	1.021	1.232	1.220
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.449 ; INTERCEPT (TIME=1 HOUR) =0.262 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.04570 ; AVERAGE CALC CV / USED CV = 1.22

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	11.689	8.683	7.790	6.307	3.358	2.490	2.632	3.304	3.713	4.874	4.647
N	22	22	22	22	35	35	35	35	35	35	34
RECORD YEAR	1959	1959	1959	1959	1959	1942	1943	1943	1965	1943	1943
RECORD MAXIMUM	0.350	0.370	0.400	0.460	0.460	0.620	0.860	1.430	2.230	3.350	15.770
NORMILIZED MAX	3.689	3.377	3.234	3.079	2.317	1.788	2.133	2.571	2.623	3.109	2.897
CALC. COEF. VAR	1.084	0.841	0.721	0.549	0.347	0.318	0.350	0.390	0.510	0.578	0.604
REGN. COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
USED COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
MEAN/A	0.0122	0.0168	0.0209	0.0298	0.0444	0.0689	0.0858	0.1244	0.1662	0.2088	1.0000
RP10/A	0.0203	0.0279	0.0347	0.0494	0.0737	0.1144	0.1424	0.2065	0.2758	0.3464	1.6708
RP25/A	0.0247	0.0341	0.0424	0.0604	0.0901	0.1397	0.1740	0.2522	0.3369	0.4232	2.0113
RP50/A	0.0280	0.0385	0.0480	0.0683	0.1018	0.1580	0.1967	0.2852	0.3810	0.4785	2.2516
RP100/A	0.0311	0.0428	0.0533	0.0760	0.1133	0.1758	0.2188	0.3172	0.4238	0.5322	2.4816
RP1000/A	0.0411	0.0566	0.0705	0.1004	0.1497	0.2323	0.2891	0.4192	0.5600	0.7033	3.1984
RP10000/A	0.0507	0.0698	0.0869	0.1238	0.1846	0.2864	0.3566	0.5170	0.6906	0.8674	3.8702
PMP/A	0.1023	0.1408	0.1753	0.2497	0.3723	0.5777	0.7192	1.0427	1.3929	1.7494	6.5150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
W28 779 0	BIG PINES REC CEN	83 6860	02	03N	08W		S	34.380	117.691	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
YEAR											
1926	0.22	0.30	0.36	0.64	1.06	1.42	1.49	1.76	2.95	5.33	26.56
1927	0.15	0.19	0.21	0.34	0.58	0.95	1.15	1.53	2.90	5.50	30.83
1928	0.07	0.09	0.11	0.18	0.30	0.40	0.55	0.95	1.60	2.59	17.07
1929	0.09	0.12	0.17	0.24	0.37	0.75	0.89	1.32	2.34	2.77	18.33
1930	0.06	0.11	0.14	0.15	0.23	0.47	0.66	1.00	1.70	2.55	18.04
1931	0.20	0.36	0.59	0.69	0.70	0.83	0.90	1.13	2.16	2.82	20.26
1932	0.22	0.27	0.27	0.27	0.47	0.66	0.90	1.31	2.84	4.57	33.02
1933	0.07	0.11	0.12	0.23	0.45	0.70	0.98	1.50	2.43	4.23	14.64
1934	0.08	0.12	0.17	0.24	0.41	0.78	1.28	1.96	3.24	4.84	16.67
1935	0.42	0.67	0.74	1.70	1.70	1.73	1.73	1.92	3.88	4.78	35.73
1936	0.18	0.19	0.24	0.40	0.53	0.97	1.05	1.72	2.56	3.39	18.17
1937	0.07	0.11	0.13	0.24	0.44	0.86	1.20	1.60	2.35	3.57	35.40
1938	0.36	0.44	0.52	0.65	1.21	2.45	3.71	5.08	8.39	10.26	44.56
1939	0.09	0.12	0.16	0.30	0.47	0.62	0.79	1.31	2.64	3.53	25.96
1940	0.14	0.25	0.32	0.48	0.73	1.16	1.72	2.15	3.38	3.72	19.40
1941	0.17	0.20	0.26	0.40	0.53	0.85	1.09	1.47	2.40	3.19	47.93
1942	0.19	0.35	0.65	1.05	1.55	1.90	2.00	2.50	3.56	3.56	24.52
1943	0.21	0.25	0.30	0.52	1.04	1.68	2.16	3.34	5.17	10.26	34.17
1944	0.10	0.19	0.25	0.45	0.75	1.25	1.55	2.30	4.00	7.00	37.76
1945	0.16	0.21	0.24	0.40	0.74	1.20	1.45	1.84	3.76	6.47	26.96
1946	0.62	1.14	1.42	1.43	1.66	1.66	1.67	1.83	2.58	2.64	25.97
1947	0.04	0.07	0.09	0.18	0.29	0.44	0.57	0.73	1.18	2.21	24.77
1948	0.06	0.08	0.12	0.19	0.30	0.59	0.70	0.91	1.38	2.30	14.85
1949	0.07	0.10	0.14	0.25	0.47	0.70	1.02	1.40	2.15	2.72	18.12
1950	0.08	0.09	0.18	0.24	0.40	0.66	0.85	1.20	1.65	1.95	16.83
1951	0.13	0.19	0.25	0.35	0.52	0.76	1.01	1.39	1.95	3.57	11.59
1952	0.20	0.25	0.36	0.45	0.64	0.72	0.84	1.21	2.00	2.62	33.88
1953	0.06	0.10	0.12	0.21	0.38	0.63	0.84	0.94	1.52	1.84	14.86
1954	0.18	0.22	0.31	0.45	0.60	0.90	1.37	1.88	3.20	4.04	23.29
1955	0.10	0.12	0.15	0.27	0.52	0.98	1.31	1.69	2.41	2.41	20.83
1956	0.05	0.10	0.15	0.23	0.42	0.80	1.12	1.70	4.00	5.76	18.00
1957	0.11	0.18	0.24	0.33	0.58	0.98	1.47	2.10	4.40	5.25	18.13
1958	0.06	0.10	0.15	0.29	0.54	0.95	1.40	1.92	2.45	3.23	39.70
1959	0.08	0.15	0.20	0.28	0.44	0.75	0.96	1.46	2.45	3.83	15.70
1960	0.09	0.10	0.11	0.20	0.25	0.44	0.57	0.80	1.27	2.24	15.21
1961	0.38	0.69	0.80	0.94	0.96	0.96	0.96	1.12	1.57	2.70	12.75
1962	0.08	0.12	0.17	0.30	0.50	0.87	1.12	1.53	2.71	3.37	29.50
1963	0.07	0.10	0.13	0.23	0.44	0.81	1.09	1.63	2.72	3.24	14.93
1964	0.06	0.10	0.14	0.22	0.35	0.61	0.96	1.22	1.46	2.13	15.64
1965	0.42	0.75	0.92	1.25	1.75	2.23	2.55	3.30	3.46	3.46	25.22
1966	0.15	0.25	0.27	0.50	0.77	1.49	2.13	3.33	6.28	8.10	37.06
1967	0.27	0.38	0.52	0.78	1.05	1.18	1.35	1.88	3.82	6.72	43.35
1968	0.08	0.13	0.16	0.28	0.45	0.69	0.87	1.49	2.34	3.18	18.65
1969	0.38	0.45	0.50	0.60	0.90	1.24	1.67	2.46	4.50	7.50	54.77
1971	0.08	0.10	0.13	0.25	0.45	0.82	1.17	1.88	3.52	5.52	17.95

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
W2R 779 0	BIG PINES REC CEN	83	6R60	02	03N	08W	S	34.380	117.691	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.14	0.22	0.27	0.41	0.60	0.89	1.14	1.58	2.64	3.77	23.20
5	0.22	0.32	0.41	0.61	0.90	1.34	1.72	2.38	3.97	5.67	34.71
10	0.26	0.39	0.50	0.75	1.10	1.64	2.10	2.90	4.84	6.91	41.86
20	0.31	0.46	0.59	0.87	1.29	1.92	2.45	3.39	5.66	8.08	48.39
25	0.32	0.48	0.62	0.91	1.35	2.00	2.56	3.54	5.91	8.44	50.39
40	0.35	0.53	0.67	0.99	1.47	2.18	2.79	3.86	6.44	9.20	54.51
50	0.36	0.55	0.70	1.03	1.52	2.27	2.89	4.01	6.68	9.55	56.42
100	0.41	0.61	0.78	1.15	1.69	2.52	3.22	4.46	7.43	10.62	62.18
200	0.45	0.67	0.85	1.26	1.86	2.77	3.54	4.90	8.17	11.67	67.75
1000	0.54	0.80	1.02	1.52	2.24	3.33	4.25	5.89	9.82	14.03	80.14
10000	0.66	0.99	1.26	1.87	2.76	4.11	5.25	7.27	12.12	17.31	96.97
PMP	1.33	1.99	2.55	3.77	5.57	8.28	10.58	14.65	24.44	34.91	213.35
MEAN	0.159	0.238	0.304	0.450	0.664	0.988	1.263	1.749	2.916	4.166	25.056
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.807	2.468	2.409	2.110	1.563	1.441	2.039	2.109	1.834	1.457	0.980
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.425 ; INTERCEPT (TIME=1 HOUR) =0.668 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.02666 ; AVERAGE CALC CV / USED CV = 1.40

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	6.454	10.020	9.939	7.492	4.910	5.034	9.269	9.387	8.233	5.012	3.392
N	45	45	45	45	45	45	45	45	45	45	45
RECORD YEAR	1946	1946	1946	1935	1965	1938	1938	1938	1938	1938	1969
RECORD MAXIMUM	0.620	1.140	1.420	1.700	1.750	2.450	3.710	5.080	8.390	10.260	54.770
NORMILIZED MAX	3.678	4.222	4.261	3.652	2.780	3.164	4.211	4.194	4.019	2.980	2.836
CALC. COEF. VAR	0.789	0.898	0.862	0.760	0.588	0.468	0.460	0.454	0.467	0.491	0.418
REGN. COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
USED COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
MEAN/A	0.0063	0.0095	0.0121	0.0180	0.0265	0.0394	0.0504	0.0698	0.1164	0.1663	1.0000
RP10/A	0.0105	0.0158	0.0201	0.0298	0.0440	0.0655	0.0836	0.1158	0.1931	0.2759	1.6708
RP25/A	0.0129	0.0193	0.0246	0.0364	0.0537	0.0799	0.1022	0.1415	0.2359	0.3370	2.0113
RP50/A	0.0145	0.0218	0.0278	0.0412	0.0608	0.0904	0.1155	0.1600	0.2668	0.3811	2.2516
RP100/A	0.0162	0.0242	0.0309	0.0458	0.0676	0.1006	0.1285	0.1779	0.2967	0.4239	2.4816
RP1000/A	0.0214	0.0320	0.0409	0.0606	0.0893	0.1329	0.1698	0.2351	0.3921	0.5601	3.1984
RP10000/A	0.0263	0.0395	0.0504	0.0747	0.1101	0.1639	0.2094	0.2900	0.4835	0.6908	3.8702
PMP/A	0.0531	0.0796	0.1017	0.1507	0.2221	0.3305	0.4223	0.5848	0.9753	1.3932	8.5150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 1779 0	CLARMONT PAMONA COL	92	1201	10	01S	08W	S	34.097	117.709	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1928	0.10	0.14	0.20	0.34	0.48	0.74	1.14	1.66	2.07	3.31	13.77
1929	0.08	0.12	0.18	0.28	0.46	0.58	0.73	1.10	1.62	1.94	12.73
1930	0.07	0.12	0.16	0.24	0.37	0.57	0.67	1.13	1.75	2.08	15.57
1931	0.24	0.34	0.35	0.37	0.56	0.92	1.28	1.69	2.48	2.82	15.66
1932	0.11	0.14	0.15	0.23	0.42	0.64	0.72	1.03	2.09	3.28	21.99
1933	0.16	0.22	0.35	0.58	0.92	1.63	2.27	3.12	4.45	7.12	12.02
1934	0.23	0.29	0.37	0.58	0.80	1.22	1.48	1.53	2.59	3.40	16.40
1935	0.12	0.15	0.20	0.30	0.49	0.57	0.63	0.81	1.40	1.53	22.85
1936	0.16	0.24	0.39	0.54	0.82	1.36	1.52	1.57	1.70	2.67	14.27
1937	0.20	0.23	0.30	0.42	0.64	0.80	1.06	1.61	3.64	4.23	30.08
1938	0.18	0.27	0.32	0.49	0.61	0.99	1.44	2.28	4.55	5.82	26.98
1939	0.12	0.15	0.17	0.26	0.41	0.66	0.83	1.23	2.70	3.76	19.17
1940	0.22	0.32	0.35	0.58	0.76	1.11	1.57	2.18	2.80	2.90	14.44
1941	0.20	0.27	0.29	0.40	0.67	0.94	1.24	1.50	2.42	3.20	37.87
1942	0.15	0.20	0.29	0.35	0.53	0.77	0.83	0.85	0.92	1.24	12.64
1943	0.29	0.43	0.48	0.53	0.94	1.93	2.20	3.25	4.32	7.73	25.42
1944	0.16	0.28	0.32	0.44	0.48	0.68	0.73	1.14	1.72	2.71	20.38
1945	0.18	0.22	0.27	0.33	0.48	0.77	1.03	1.31	2.32	3.90	17.84
1946	0.25	0.36	0.50	0.72	0.74	0.85	1.01	1.29	1.79	2.41	14.63
1947	0.40	0.46	0.47	0.47	0.53	0.68	0.76	0.85	0.98	1.39	15.94
1948	0.17	0.24	0.31	0.42	0.51	0.74	0.74	0.76	1.03	1.50	10.14
1949	0.09	0.12	0.16	0.27	0.45	0.72	0.90	1.36	2.34	3.30	12.89
1950	0.14	0.18	0.20	0.27	0.38	0.66	0.97	1.30	1.91	1.99	13.86
1951	0.16	0.20	0.26	0.44	0.62	0.92	1.20	1.80	3.17	4.25	9.68
1952	0.21	0.26	0.30	0.36	0.57	0.89	1.16	1.77	3.47	3.79	29.80
1953	0.05	0.07	0.10	0.19	0.30	0.54	0.67	0.70	0.71	0.78	12.65
1954	0.15	0.22	0.30	0.49	0.64	0.97	1.34	1.86	2.63	3.23	17.41
1955	0.06	0.07	0.09	0.18	0.37	0.70	0.95	1.14	1.46	1.46	12.64
1956	0.15	0.20	0.38	0.64	0.94	1.57	2.00	3.00	5.26	7.09	15.99
1957	0.13	0.22	0.29	0.40	0.42	0.60	0.78	1.20	2.08	2.39	13.77
1958	0.18	0.28	0.30	0.40	0.60	0.90	1.00	1.42	2.25	3.58	35.08
1959	0.14	0.26	0.40	0.58	1.00	1.20	1.41	1.98	2.72	2.72	7.37
1960	0.07	0.10	0.15	0.22	0.32	0.49	0.65	0.91	1.21	1.23	9.38
1961	0.17	0.19	0.21	0.28	0.49	0.58	0.58	0.69	1.08	1.48	6.29
1962	0.14	0.24	0.27	0.42	0.52	0.95	1.29	1.75	2.26	2.26	18.43
1963	0.16	0.26	0.29	0.33	0.51	0.80	1.07	1.58	2.68	3.86	13.40
1964	0.18	0.31	0.37	0.49	0.80	1.03	1.21	1.38	1.61	1.80	10.35
1965	0.12	0.24	0.32	0.43	0.68	1.24	1.55	1.86	2.04	2.35	15.03
1966	0.14	0.17	0.20	0.30	0.50	0.82	1.04	1.40	2.70	4.35	17.11
1967	0.16	0.30	0.32	0.39	0.54	1.10	1.38	1.78	2.72	3.92	25.66
1968	0.26	0.40	0.50	0.76	0.92	1.30	1.72	2.18	3.20	3.60	14.15
1969	0.16	0.26	0.27	0.31	0.52	0.79	0.94	1.46	2.79	5.16	30.40
1971	0.15	0.20	0.24	0.24	0.36	0.50	0.68	0.93	1.66	2.80	38.35

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 8SN ORDER	SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 1779	0	CLAREMONT PAMONA COL 92	1201	10	01S	08W		S	34.097	117.709	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.14	0.21	0.26	0.36	0.52	0.79	1.00	1.35	2.09	2.82	16.81
5	0.22	0.31	0.39	0.54	0.79	1.20	1.52	2.05	3.17	4.27	23.65
10	0.27	0.38	0.48	0.67	0.97	1.48	1.87	2.52	3.91	5.26	27.90
20	0.32	0.45	0.56	0.79	1.14	1.75	2.20	2.97	4.61	6.21	31.77
25	0.33	0.47	0.59	0.82	1.20	1.83	2.31	3.12	4.83	6.50	32.96
40	0.36	0.52	0.64	0.90	1.31	2.01	2.53	3.41	5.28	7.12	35.41
50	0.38	0.54	0.67	0.94	1.36	2.09	2.63	3.55	5.50	7.41	36.54
100	0.42	0.60	0.75	1.05	1.53	2.34	2.94	3.98	6.16	8.29	39.96
200	0.47	0.67	0.83	1.16	1.69	2.58	3.25	4.39	6.80	9.17	43.27
1000	0.57	0.81	1.01	1.41	2.05	3.14	3.96	5.34	8.28	11.15	50.63
10000	0.71	1.02	1.26	1.76	2.56	3.92	4.94	6.67	10.34	13.92	60.62
PMP	1.36	1.94	2.41	3.38	4.90	7.51	9.46	12.78	19.79	26.66	129.73
MEAN	0.161	0.231	0.287	0.401	0.583	0.893	1.125	1.520	2.353	3.170	17.918
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.180	0.441	0.205	0.613	0.726	1.306	1.013	1.182	0.868	1.152	1.134
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.460 ; INTERCEPT (TIME=1 HOUR) =0.605 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.03376 ; AVERAGE CALC CV / USED CV = 0.73

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	6.308	3.476	2.940	3.104	2.846	4.906	3.955	4.762	3.974	4.578	3.798
N	43	43	43	43	43	43	43	43	43	43	43
RECORD YEAR	1947	1947	1946	1968	1959	1943	1933	1943	1956	1943	1971
RECORD MAXIMUM	0.400	0.460	0.500	0.760	1.000	1.930	2.270	3.250	5.260	7.730	38.350
NORMILIZED MAX	3.658	2.578	2.097	2.560	2.269	3.244	2.758	2.869	2.864	2.864	2.582
CALC. COEF. VAR	0.404	0.384	0.354	0.349	0.315	0.358	0.369	0.397	0.431	0.502	0.442
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0090	0.0129	0.0160	0.0224	0.0325	0.0499	0.0628	0.0848	0.1313	0.1769	1.0000
RP10/A	0.0150	0.0214	0.0266	0.0372	0.0540	0.0828	0.1042	0.1408	0.2181	0.2938	1.5570
RP25/A	0.0185	0.0265	0.0329	0.0459	0.0667	0.1023	0.1288	0.1739	0.2694	0.3629	1.8397
RP50/A	0.0210	0.0301	0.0374	0.0523	0.0760	0.1165	0.1467	0.1981	0.3069	0.4134	2.0392
RP100/A	0.0236	0.0337	0.0419	0.0586	0.0851	0.1304	0.1642	0.2219	0.3436	0.4629	2.2303
RP1000/A	0.0317	0.0454	0.0563	0.0788	0.1144	0.1754	0.2208	0.2983	0.4619	0.6223	2.8254
RP10000/A	0.0396	0.0567	0.0703	0.0984	0.1429	0.2190	0.2757	0.3725	0.5768	0.7771	3.3833
PMP/A	0.0758	0.1085	0.1347	0.1884	0.2736	0.4194	0.5280	0.7132	1.1045	1.4881	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUB										
Y01 2432 0	DIAMOND BAR H C - 1B	870	15	02S	09W	L	S	33.994	117.815	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
1942	0.20	0.25	0.30	0.47	0.57	0.61	0.85	0.91	2.02	2.19	13.93
1943	0.19	0.22	0.26	0.39	0.70	1.17	1.56	2.18	4.74	7.49	24.52
1944	0.20	0.22	0.23	0.25	0.35	0.61	0.88	1.27	2.11	2.86	17.78
1945	0.26	0.42	0.45	0.52	0.74	0.97	1.12	1.22	2.04	2.61	17.44
1946	0.26	0.38	0.43	0.54	0.69	0.91	1.25	1.52	1.80	2.80	13.82
1947	0.26	0.35	0.41	0.45	0.45	0.79	1.05	1.47	2.06	2.78	14.16
1948	0.10	0.14	0.18	0.30	0.67	0.70	0.78	0.83	1.20	1.45	8.97
1949	0.04	0.07	0.10	0.15	0.28	0.54	0.70	0.73	1.15	1.55	10.65
1950	0.20	0.26	0.28	0.42	0.62	0.95	1.12	1.48	2.10	2.10	12.76
1951	0.15	0.25	0.27	0.36	0.60	0.82	0.95	1.00	1.00	1.00	10.50
1952	0.17	0.25	0.29	0.49	0.60	0.99	1.45	1.85	2.25	2.98	32.33
1953	0.27	0.37	0.39	0.52	0.65	0.80	0.90	0.93	1.20	1.57	11.17
1954	0.22	0.40	0.48	0.53	0.63	0.83	0.99	1.43	2.29	3.30	16.25
1955	0.14	0.23	0.23	0.30	0.52	0.80	0.84	1.12	1.67	1.76	12.44
1956	0.09	0.16	0.23	0.32	0.51	0.96	1.40	2.10	4.27	6.28	16.08
1957	0.15	0.20	0.26	0.30	0.31	0.50	0.65	0.94	1.58	1.70	10.06
1958	0.19	0.21	0.23	0.40	0.63	0.67	0.76	1.37	2.14	4.05	30.50
1959	0.25	0.40	0.50	0.66	0.85	0.92	1.01	1.68	2.15	2.15	7.45
1960	*****	*****	0.40	0.56	0.74	1.12	1.67	2.15	3.56	5.43	10.40
1961	*****	*****	0.18	0.35	0.60	0.84	0.89	0.89	0.95	0.95	5.43
1962	*****	*****	0.54	0.59	0.59	0.81	1.19	1.72	2.23	2.75	10.42
1963	*****	*****	0.18	0.26	0.45	0.75	1.01	1.55	2.50	4.16	9.94
1964	*****	*****	0.19	0.33	0.52	0.81	1.01	1.42	2.10	2.10	10.96
1965	*****	*****	0.24	0.38	0.49	0.60	0.78	1.10	1.39	1.90	12.51
1966	*****	*****	0.32	0.40	0.51	0.75	0.90	1.36	2.76	3.95	17.34
1967	*****	*****	0.22	0.35	0.63	1.00	1.21	1.81	2.60	2.94	23.05
1968	*****	*****	0.44	0.61	1.20	1.93	2.36	3.23	4.43	4.72	15.46
1969	0.20	0.30	0.40	0.56	0.74	1.12	1.67	2.15	3.56	5.43	30.50
1970	*****	*****	0.50	0.64	0.75	0.85	0.99	1.29	1.74	2.36	11.60
1971	*****	*****	0.12	0.22	0.36	0.65	0.81	1.10	2.20	3.07	5.78
1972	*****	*****	0.13	0.23	0.34	0.54	0.78	1.21	1.93	2.29	******
1974	*****	*****	*****	*****	0.78	1.44	1.74	2.33	2.96	3.13	17.38

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUB										
Y01 2432 0	DIAMOND BAR H C - 1B	870	15	02S	09W	L	S	33.994	117.815	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
2	0.17	0.24	0.27	0.37	0.53	0.77	0.98	1.31	2.02	2.66	13.97
5	0.25	0.36	0.41	0.56	0.80	1.17	1.49	1.99	3.06	4.04	19.65
10	0.31	0.44	0.50	0.69	0.99	1.44	1.83	2.45	3.77	4.97	23.18
20	0.36	0.52	0.59	0.81	1.17	1.70	2.16	2.88	4.45	5.86	26.40
25	0.38	0.55	0.62	0.85	1.22	1.78	2.26	3.02	4.66	6.14	27.39
40	0.42	0.60	0.68	0.93	1.34	1.95	2.47	3.31	5.10	6.72	29.42
50	0.44	0.62	0.71	0.97	1.39	2.03	2.58	3.44	5.31	7.00	30.36
100	0.49	0.70	0.79	1.08	1.56	2.27	2.88	3.85	5.94	7.83	33.21
200	0.54	0.77	0.87	1.20	1.72	2.51	3.19	4.26	6.57	8.65	35.96
1000	0.66	0.94	1.06	1.46	2.10	3.05	3.88	5.18	7.99	10.53	42.07
10000	0.82	1.17	1.33	1.82	2.62	3.81	4.84	6.47	9.98	13.15	50.38
PMP	1.57	2.25	2.54	3.48	5.01	7.29	9.27	12.39	19.10	25.18	107.80
MEAN	0.186	0.267	0.303	0.414	0.596	0.867	1.102	1.473	2.271	2.994	14.890
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	-0.675	-0.029	0.318	0.059	0.852	1.931	1.554	1.251	1.102	1.244	1.241
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.511 ; INTERCEPT (TIME=1 HOUR) =0.615 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.04129 ; AVERAGE CALC CV / USED CV = 0.70

	5M	10M	15M	30M	1H	2H	3H	5H	12H	24H	W-YR
KURTOSIS	3.475	2.810	2.242	2.319	5.878	8.802	5.936	5.338	4.150	4.608	4.297
N	19	19	31	31	32	32	32	32	32	32	31
RECORD YEAR	1953	1945	1962	1959	1968	1968	1968	1968	1943	1943	1952
RECORD MAXIMUM	0.270	0.420	0.540	0.650	1.200	1.930	2.360	3.230	4.740	7.490	32.330
NORMILIZED MAX	1.319	1.566	1.917	1.757	3.321	3.772	3.354	3.257	2.580	2.939	2.527
CALC. COEF. VAR	0.341	0.365	0.409	0.325	0.305	0.325	0.340	0.366	0.421	0.511	0.463
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0125	0.0180	0.0203	0.0278	0.0400	0.0582	0.0740	0.0989	0.1525	0.2011	1.0000
RP10/A	0.0208	0.0298	0.0337	0.0461	0.0665	0.0967	0.1229	0.1643	0.2533	0.3338	1.5570
RP25/A	0.0257	0.0368	0.0417	0.0570	0.0821	0.1195	0.1518	0.2029	0.3129	0.4124	1.8397
RP50/A	0.0292	0.0420	0.0475	0.0649	0.0935	0.1361	0.1730	0.2312	0.3564	0.4698	2.0392
RP100/A	0.0327	0.0470	0.0532	0.0727	0.1047	0.1524	0.1936	0.2588	0.3990	0.5260	2.2303
RP1000/A	0.0440	0.0632	0.0715	0.0978	0.1408	0.2048	0.2603	0.3480	0.5365	0.7071	2.8254
RP10000/A	0.0550	0.0789	0.0893	0.1221	0.1758	0.2558	0.3251	0.4345	0.6700	0.8831	3.3833
PMP/A	0.1052	0.1510	0.1709	0.2338	0.3366	0.4898	0.6225	0.8321	1.2829	1.6909	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. 8SN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 5900 0	MT BALDY FC85F	4275	19	02N	07W		5	34.236	117.659	LOS ANGELES

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.40	*****	*****	1.56	*****	3.87	******
1941	*****	*****	*****	*****	0.92	*****	*****	2.22	*****	4.44	******
1942	*****	*****	*****	*****	0.48	*****	*****	0.95	*****	2.39	******
1943	*****	*****	*****	*****	1.48	*****	*****	7.39	*****	17.25	******
1944	*****	*****	*****	*****	0.96	*****	*****	4.06	*****	9.06	******
1945	*****	*****	*****	*****	0.77	*****	*****	2.98	*****	8.58	******
1946	*****	*****	*****	*****	0.64	*****	*****	2.77	*****	6.39	******
1947	*****	*****	*****	*****	0.47	*****	*****	0.97	*****	2.43	******
1948	*****	*****	*****	*****	0.41	*****	*****	2.05	*****	4.06	******
1949	*****	*****	*****	*****	0.72	*****	*****	1.84	*****	4.30	******
1950	*****	*****	*****	*****	0.43	*****	*****	1.46	*****	2.29	******
1951	*****	*****	*****	*****	0.46	*****	*****	2.10	*****	2.70	29.27
1952	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	41.54
1953	*****	*****	*****	*****	0.32	*****	*****	1.07	*****	1.20	9.49
1954	*****	*****	*****	*****	0.61	*****	*****	2.61	*****	4.91	34.27
1955	*****	*****	*****	*****	0.35	*****	*****	1.40	*****	2.36	18.36
1956	*****	*****	*****	*****	0.61	*****	*****	2.83	*****	6.37	18.18
1957	*****	*****	*****	*****	0.63	*****	*****	2.50	*****	6.55	37.87
1958	*****	*****	*****	*****	0.83	*****	*****	3.02	*****	4.20	40.34
1959	0.19	0.28	0.35	0.62	0.85	1.41	1.98	3.52	4.93	5.56	24.61
1960	0.07	0.14	0.18	0.30	0.38	0.65	0.85	1.26	1.49	2.41	20.22
1961	0.15	0.20	0.26	0.48	0.80	1.43	1.88	2.77	3.47	3.86	15.64
1962	0.10	0.11	0.15	0.20	0.38	0.74	1.07	1.85	2.83	4.00	25.78
1963	0.18	0.30	0.35	0.50	0.96	1.46	2.07	3.76	5.57	7.02	26.87
1964	0.12	0.16	0.21	0.25	0.49	0.83	1.15	1.80	2.35	3.27	22.46
1965	0.28	0.51	0.56	0.71	1.40	2.61	3.56	6.75	9.81	11.58	62.09
1966	0.15	0.20	0.25	0.46	0.80	1.45	1.99	3.80	5.65	9.00	30.58
1967	0.10	0.16	0.17	0.33	0.61	0.99	1.37	2.25	3.38	4.50	39.09
1968	0.10	0.14	0.17	0.29	0.52	0.74	1.05	1.75	2.57	2.99	15.65
1969	0.21	0.26	0.39	0.64	1.26	2.22	3.15	5.18	9.06	12.90	75.21
1970	0.20	0.22	0.31	0.64	0.90	1.35	1.85	2.84	3.82	7.07	33.36
1971	0.10	0.14	0.19	0.29	0.58	1.10	1.63	2.80	4.39	5.75	23.18
1972	0.14	0.21	0.24	0.37	0.42	0.70	0.89	1.30	1.31	1.31	9.79
1973	*****	*****	*****	*****	1.05	2.00	2.75	4.95	7.62	9.75	37.27
1974	*****	*****	*****	*****	0.48	0.87	1.20	1.94	2.71	3.17	27.81

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 8SN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 5900 0	MT BALDY FC85F	4275	19	02N	07W		5	34.236	117.659	LOS ANGELES

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.19	0.24	0.39	0.61	1.14	1.58	2.41	3.94	4.90	28.11
5	0.20	0.29	0.36	0.59	0.93	1.73	2.40	3.66	5.98	7.44	39.54
10	0.25	0.36	0.45	0.72	1.14	2.13	2.95	4.51	7.36	9.16	46.64
20	0.29	0.42	0.53	0.85	1.35	2.51	3.48	5.31	8.68	10.79	53.12
25	0.31	0.44	0.55	0.89	1.41	2.63	3.65	5.57	9.10	11.31	55.11
40	0.34	0.49	0.61	0.98	1.56	2.88	3.99	6.10	9.96	12.38	59.19
50	0.35	0.51	0.63	1.01	1.61	3.00	4.15	6.34	10.36	12.88	61.09
100	0.39	0.57	0.71	1.14	1.80	3.36	4.65	7.10	11.60	14.43	66.81
200	0.43	0.63	0.78	1.26	1.99	3.71	5.14	7.85	12.82	15.94	72.34
1000	0.53	0.76	0.95	1.53	2.42	4.52	6.25	9.55	15.60	19.39	84.64
10000	0.66	0.95	1.19	1.91	3.02	5.64	7.81	11.92	19.48	24.22	101.35
PMP	1.26	1.82	2.27	3.65	5.78	10.80	14.95	22.83	37.30	46.38	216.88
MEAN	0.149	0.216	0.270	0.434	0.687	1.284	1.777	2.715	4.435	5.514	29.955
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.796	1.979	1.357	0.309	1.070	0.988	0.935	1.521	0.948	1.483	1.383
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.302 ; INTERCEPT (TIME=1 HOUR) =0.758 ; COEFFICIENT OF DETERMINATION = 0.960
1HR INTERCEPT / MEAN YR =0.02530 ; AVERAGE CALC CV / USED CV = 0.87

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.983	8.215	5.476	2.319	3.889	3.805	3.686	5.558	3.579	5.679	5.861
N	14	14	14	14	34	16	16	34	16	34	24
RECORD YEAR	1965	1965	1965	1965	1943	1965	1965	1943	1965	1943	1969
RECORD MAXIMUM	0.280	0.510	0.560	0.710	1.480	2.610	3.560	7.390	9.810	17.250	75.210
NORMALIZED MAX	2.276	2.882	2.560	1.644	2.653	2.278	2.207	3.061	2.106	3.312	2.976
CALC. COEF. VAR	0.385	0.471	0.420	0.386	0.435	0.453	0.454	0.563	0.575	0.643	0.508
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0050	0.0072	0.0090	0.0145	0.0229	0.0429	0.0593	0.0906	0.1481	0.1841	1.0000
RP10/A	0.0083	0.0120	0.0150	0.0241	0.0381	0.0712	0.0985	0.1505	0.2458	0.3056	1.5570
RP25/A	0.0102	0.0148	0.0185	0.0297	0.0471	0.0879	0.1217	0.1859	0.3037	0.3776	1.8397
RP50/A	0.0116	0.0169	0.0211	0.0339	0.0536	0.1002	0.1386	0.2117	0.3459	0.4301	2.0392
RP100/A	0.0130	0.0189	0.0236	0.0379	0.0600	0.1122	0.1552	0.2371	0.3873	0.4816	2.2303
RP1000/A	0.0175	0.0254	0.0317	0.0510	0.0807	0.1508	0.2087	0.3187	0.5207	0.6474	2.8254
RP10000/A	0.0219	0.0317	0.0396	0.0637	0.1008	0.1883	0.2606	0.3980	0.6503	0.8085	3.3833
PMP/A	0.0419	0.0608	0.0758	0.1219	0.1930	0.3606	0.4990	0.7622	1.2451	1.5482	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
870 7817 0	SAN JOAQUIN EXP RANGE	1100	06	10S	21E	E	M	37.094	119.728	MADERA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.49	0.64	0.89	1.38	2.04	2.73	27.07
1941	*****	*****	*****	*****	0.44	0.82	0.94	1.38	1.82	2.54	29.42
1942	*****	*****	*****	*****	0.35	0.59	0.79	1.11	1.23	1.44	14.69
1943	*****	*****	*****	*****	0.54	0.93	1.18	1.49	1.53	2.46	16.66
1944	*****	*****	*****	*****	0.41	0.52	0.56	0.76	1.27	1.81	19.27
1945	*****	*****	*****	*****	0.32	0.52	0.72	1.26	1.57	2.22	17.28
1946	*****	*****	*****	*****	0.28	0.53	0.78	1.18	1.41	2.09	15.78
1947	*****	*****	*****	*****	0.33	0.42	0.54	0.84	0.89	0.94	7.04
1948	*****	*****	*****	*****	0.27	0.36	0.39	0.74	1.14	1.34	13.87
1949	*****	*****	*****	*****	0.51	0.60	0.68	1.02	1.37	1.64	13.15
1950	*****	*****	*****	*****	0.65	0.83	1.01	1.48	2.29	4.41	25.74
1951	*****	*****	*****	*****	0.65	1.06	1.16	1.16	1.19	1.53	17.11
1952	*****	*****	*****	*****	0.34	0.48	0.67	1.26	1.86	2.37	24.88
1953	*****	*****	*****	*****	0.51	0.55	1.14	1.70	2.09	2.12	10.81
1954	*****	*****	*****	*****	0.40	0.64	0.84	1.12	1.16	1.62	16.22
1955	*****	*****	*****	*****	0.28	0.54	0.76	1.25	1.62	2.49	27.05
1956	*****	*****	*****	*****	0.30	0.60	0.74	1.14	1.43	1.43	12.54
1957	*****	*****	*****	*****	0.50	0.82	0.98	1.04	1.26	1.26	17.78
1958	*****	*****	*****	*****	1.20	2.36	3.33	3.65	3.79	4.15	27.34
1959	*****	*****	*****	*****	0.53	0.80	1.06	1.96	3.04	3.70	13.03
1960	*****	*****	*****	*****	0.36	0.59	0.79	1.28	1.94	2.00	17.25
1961	*****	*****	*****	*****	0.26	0.44	0.66	0.90	1.36	1.92	11.79
1962	*****	*****	*****	*****	0.56	0.97	1.01	1.39	1.50	2.62	18.14
1963	*****	*****	*****	*****	0.44	0.80	1.15	1.75	1.87	2.12	23.65
1964	*****	*****	*****	*****	0.36	0.52	0.66	1.12	1.44	1.68	16.38
1965	*****	*****	*****	*****	0.40	0.58	0.62	0.80	0.95	1.35	18.05
1966	*****	*****	*****	*****	0.61	0.69	0.73	0.91	1.80	2.78	12.33
1967	*****	*****	*****	*****	0.44	0.66	0.72	1.04	1.44	2.41	23.31
1968	*****	*****	*****	*****	0.38	0.48	0.58	0.95	1.08	1.33	15.69
1969	*****	*****	*****	*****	0.73	0.98	1.38	1.78	2.53	3.12	28.23
1970	*****	*****	*****	*****	0.54	0.67	0.72	1.38	2.21	2.48	19.33
1971	*****	*****	*****	*****	0.25	0.43	0.57	0.92	0.95	1.19	12.12
1972	*****	*****	*****	*****	0.18	0.33	0.45	0.69	0.94	1.64	11.03
1973	*****	*****	*****	*****	0.28	0.49	0.68	1.18	1.95	2.13	23.56
1974	*****	*****	*****	*****	0.45	0.73	0.88	1.37	2.20	2.63	17.11

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
870 7817 0	SAN JOAQUIN EXP RANGE	1100	06	10S	21E	E	M	37.094	119.728	MADERA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.46	0.68	0.84	1.19	1.54	1.99	17.59
5	0.0	0.0	0.0	0.0	0.68	1.00	1.22	1.73	2.24	2.90	23.47
10	0.0	0.0	0.0	0.0	0.81	1.20	1.47	2.08	2.70	3.48	26.87
20	0.0	0.0	0.0	0.0	0.94	1.39	1.70	2.41	3.12	4.03	29.85
25	0.0	0.0	0.0	0.0	0.98	1.45	1.77	2.51	3.25	4.20	30.74
40	0.0	0.0	0.0	0.0	1.00	1.47	1.81	2.56	3.31	4.28	32.56
50	0.0	0.0	0.0	0.0	1.10	1.62	1.99	2.81	3.65	4.71	33.39
100	0.0	0.0	0.0	0.0	1.22	1.79	2.20	3.11	4.03	5.20	35.86
200	0.0	0.0	0.0	0.0	1.33	1.96	2.40	3.40	4.40	5.68	38.21
1000	0.0	0.0	0.0	0.0	1.58	2.33	2.86	4.04	5.24	6.76	43.29
10000	0.0	0.0	0.0	0.0	1.93	2.84	3.49	4.93	6.39	8.25	49.96
PMP	0.0	0.0	0.0	0.0	3.96	4.83	7.15	10.12	13.11	16.92	117.15
MEAN	0.0	0.0	0.0	0.0	0.506	0.745	0.914	1.293	1.675	2.163	18.134
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	2.080	3.437	4.035	3.038	1.495	1.061	0.402
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.460 ; INTERCEPT (TIME=1 HOUR) =0.508 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.02800 ; AVERAGE CALC CV / USED CV = 1.07

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	10.196	18.647	22.847	15.964	6.256	4.413	2.486
N	0	0	0	0	35	35	35	35	35	35	35
RECORD YEAR	0	0	0	0	1958	1958	1958	1958	1958	1950	1941
RECORD MAXIMUM	0.0	0.0	0.0	0.0	1.200	2.360	3.330	3.650	3.790	4.410	29.420
NORMILIZED MAX	0.0	0.0	0.0	0.0	3.290	4.373	4.813	4.484	3.386	2.794	1.949
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.417	0.496	0.549	0.406	0.373	0.372	0.319
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0	0.0	0.0	0.0	0.0279	0.0411	0.0504	0.0713	0.0924	0.1193	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0449	0.0661	0.0812	0.1148	0.1488	0.1920	1.4816
RP25/A	0.0	0.0	0.0	0.0	0.0541	0.0797	0.0978	0.1384	0.1792	0.2313	1.6953
RP50/A	0.0	0.0	0.0	0.0	0.0607	0.0894	0.1097	0.1552	0.2011	0.2595	1.8411
RP100/A	0.0	0.0	0.0	0.0	0.0671	0.0988	0.1212	0.1715	0.2221	0.2867	1.9776
RP1000/A	0.0	0.0	0.0	0.0	0.0873	0.1284	0.1576	0.2230	0.2889	0.3728	2.3872
RP10000/A	0.0	0.0	0.0	0.0	0.1065	0.1567	0.1922	0.2720	0.3524	0.4548	2.7550
PMP/A	0.0	0.0	0.0	0.0	0.2184	0.3215	0.3944	0.5581	0.7230	0.9332	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
E10 7027 0	POINT REYES	510	24	02N	11W		M	37.995	123.017	MARIN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1906	*****	*****	*****	*****	0.83	1.47	1.56	1.67	1.86	1.87	22.55
1907	*****	*****	*****	*****	0.31	0.55	0.77	1.08	1.20	1.67	20.20
1908	*****	*****	*****	*****	0.60	0.76	0.82	1.01	1.39	1.72	14.75
1909	*****	*****	*****	*****	0.35	0.45	0.57	0.86	1.04	1.48	26.32
1910	*****	*****	*****	*****	0.27	0.50	0.66	0.71	0.91	1.15	12.12
1911	*****	*****	*****	*****	0.29	0.35	0.44	0.64	1.06	1.23	15.62
1912	*****	*****	*****	*****	0.40	0.53	0.65	1.06	1.39	1.76	14.99
1913	*****	*****	*****	*****	0.26	0.45	0.57	0.86	0.97	1.20	16.74
1914	*****	*****	*****	*****	0.31	0.50	0.73	0.95	1.29	1.34	18.68
1915	*****	*****	*****	*****	0.32	0.60	0.80	1.17	1.48	2.06	24.85
1916	*****	*****	*****	*****	0.75	0.96	1.14	1.46	1.85	2.34	20.18
1917	*****	*****	*****	*****	0.27	0.50	0.55	0.55	0.65	1.08	8.34
1918	*****	*****	*****	*****	0.61	0.74	0.82	1.06	1.18	1.58	15.38
1919	*****	*****	*****	*****	0.37	0.50	0.52	0.77	1.02	1.32	15.17
1920	*****	*****	*****	*****	0.34	0.60	0.89	1.58	1.93	2.03	16.12
1921	*****	*****	*****	*****	0.25	0.45	0.53	0.62	0.86	1.24	15.78
1922	*****	*****	*****	*****	0.52	0.66	0.86	1.32	1.51	1.69	17.99
1923	*****	*****	*****	*****	0.36	0.53	0.57	0.69	0.77	0.87	7.32
1924	*****	*****	*****	*****	0.38	0.74	0.92	1.36	2.09	3.29	19.57
1925	*****	*****	*****	*****	0.98	1.18	1.34	1.64	2.33	2.85	21.31
1926	*****	*****	*****	*****	0.48	0.81	0.93	1.48	1.73	2.19	20.69

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
E10 7027 0	POINT REYES	510	24	02N	11W		M	37.995	123.017	MARIN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.40	0.60	0.73	0.98	1.24	1.57	16.89
5	0.0	0.0	0.0	0.0	0.57	0.85	1.02	1.38	1.75	2.21	22.03
10	0.0	0.0	0.0	0.0	0.68	1.01	1.22	1.65	2.09	2.64	24.99
20	0.0	0.0	0.0	0.0	0.78	1.17	1.41	1.91	2.41	3.04	27.59
25	0.0	0.0	0.0	0.0	0.81	1.22	1.47	1.99	2.51	3.17	28.38
40	0.0	0.0	0.0	0.0	0.88	1.32	1.59	2.15	2.72	3.43	29.96
50	0.0	0.0	0.0	0.0	0.91	1.37	1.64	2.23	2.82	3.55	30.69
100	0.0	0.0	0.0	0.0	1.01	1.51	1.82	2.46	3.11	3.93	32.85
200	0.0	0.0	0.0	0.0	1.11	1.65	1.99	2.69	3.41	4.30	34.90
1000	0.0	0.0	0.0	0.0	1.32	1.97	2.37	3.22	4.07	5.13	39.34
10000	0.0	0.0	0.0	0.0	1.62	2.42	2.91	3.95	4.99	6.29	45.16
PMP	0.0	0.0	0.0	0.0	3.10	4.64	5.58	7.56	9.56	12.06	103.84
MEAN	0.0	0.0	0.0	0.0	0.440	0.659	0.792	1.073	1.358	1.712	17.365
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	1.429	1.793	1.322	0.264	0.482	1.115	-0.269
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.461 ; INTERCEPT (TIME=1 HOUR) =0.444 ; COEFFICIENT OF DETERMINATION = 0.995
IMR INTERCEPT / MEAN YR =0.02556 ; AVERAGE CALC CV / USED CV = 1.01

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	4.601	6.594	5.075	2.223	2.741	4.564	3.611
N	0	0	0	0	21	21	21	21	21	21	21
RECORD YEAR	0	0	0	0	1925	1906	1906	1906	1925	1924	1909
RECORD MAXIMUM	0.0	0.0	0.0	0.0	0.980	1.470	1.560	1.670	2.330	3.290	26.320
NORMILIZED MAX	0.0	0.0	0.0	0.0	2.642	3.018	2.733	1.671	2.099	2.636	1.885
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.464	0.408	0.354	0.333	0.341	0.350	0.274
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0	0.0	0.0254	0.0379	0.0456	0.0618	0.0782	0.0986	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0391	0.0584	0.0703	0.0952	0.1204	0.1518	1.4393
RP25/A	0.0	0.0	0.0	0.0	0.0469	0.0701	0.0844	0.1143	0.1446	0.1824	1.6342
RP50/A	0.0	0.0	0.0	0.0	0.0526	0.0787	0.0947	0.1282	0.1622	0.2046	1.7672
RP100/A	0.0	0.0	0.0	0.0	0.0582	0.0870	0.1047	0.1418	0.1793	0.2262	1.8917
RP1000/A	0.0	0.0	0.0	0.0	0.0760	0.1137	0.1368	0.1852	0.2343	0.2955	2.2652
RP10000/A	0.0	0.0	0.0	0.0	0.0932	0.1394	0.1677	0.2272	0.2874	0.3625	2.6007
PMP/A	0.0	0.0	0.0	0.0	0.1787	0.2672	0.3215	0.4354	0.5508	0.6947	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
F20 5647 0	MILL VALLEY	0						37.904	122.526	MARIN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1958	0.25	0.40	0.50	0.70	0.80	1.10	1.22	1.70	2.36	3.13	56.75
1959	0.25	0.28	0.35	0.70	0.80	1.30	1.45	1.45	1.65	2.13	19.29
1960	0.10	0.15	0.18	0.25	0.50	0.85	1.02	1.95	2.35	2.55	23.07
1961	0.26	0.26	0.32	0.35	0.55	1.00	1.65	1.85	1.92	2.30	23.27
1962	0.15	0.15	0.20	0.40	0.50	0.88	1.30	1.75	2.10	2.10	26.23
1963	0.25	0.30	0.33	0.45	0.50	0.83	1.00	1.53	2.64	3.00	35.37
1964	0.32	0.35	0.43	0.50	0.62	0.85	1.00	1.28	1.44	1.58	18.52
1965	0.10	0.15	0.15	0.25	0.45	0.67	0.80	1.20	1.70	1.70	33.05
1966	0.35	0.50	0.60	0.85	0.90	1.10	1.30	1.80	2.32	2.60	23.01
1967	0.17	0.23	0.25	0.40	0.51	0.80	0.95	1.40	2.70	4.20	40.67
1968	0.30	0.40	0.50	0.70	1.05	1.33	1.50	1.80	1.95	2.35	19.32
1969	0.40	0.45	0.60	0.65	0.60	1.05	1.48	2.15	2.50	2.60	37.32
1971	0.20	0.20	0.20	0.30	0.35	0.60	0.75	0.95	1.65	1.72	25.20
1972	0.23	0.24	0.25	0.27	0.34	0.60	0.76	1.29	1.94	2.33	17.47
1973	0.26	0.35	0.59	0.82	1.00	1.24	1.37	1.96	3.00	4.35	40.31
1974	0.42	0.45	0.48	0.53	0.60	0.75	1.03	1.84	3.26	3.72	44.23
1975	0.23	0.30	0.36	0.52	0.85	1.50	2.00	2.85	3.29	3.45	35.19

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
F20 5647 0	MILL VALLEY	0						37.904	122.526	MARIN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.23	0.28	0.34	0.47	0.60	0.89	1.11	1.55	2.09	2.46	29.65
5	0.32	0.39	0.48	0.66	0.84	1.25	1.57	2.18	2.94	3.47	38.67
10	0.38	0.47	0.57	0.78	1.01	1.49	1.87	2.60	3.51	4.14	43.88
20	0.44	0.54	0.66	0.90	1.16	1.72	2.15	3.00	4.05	4.77	48.44
25	0.46	0.58	0.68	0.94	1.21	1.79	2.24	3.13	4.22	4.97	49.82
40	0.50	0.61	0.76	1.02	1.31	1.94	2.43	3.39	4.57	5.39	52.60
50	0.52	0.63	0.77	1.05	1.36	2.01	2.52	3.51	4.73	5.58	53.88
100	0.57	0.70	0.85	1.17	1.50	2.22	2.78	3.88	5.23	6.17	57.67
200	0.63	0.76	0.93	1.28	1.64	2.43	3.05	4.24	5.72	6.75	61.27
1000	0.75	0.91	1.11	1.52	1.96	2.90	3.64	5.07	6.84	8.06	69.06
10000	0.92	1.12	1.36	1.87	2.40	3.56	4.46	6.22	8.38	9.88	79.29
PMP	1.76	2.14	2.61	3.58	4.61	6.82	8.55	11.91	16.07	18.94	182.31
MEAN	0.249	0.304	0.370	0.508	0.654	0.968	1.214	1.691	2.281	2.689	30.486
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.148	0.162	0.193	0.277	0.344	0.427	0.573	0.846	0.416	0.712	0.797
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.554 ; INTERCEPT (TIME=1 HOUR) =0.702 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.02301 ; AVERAGE CALC CV / USED CV = 0.86

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.266	2.490	2.204	2.352	2.455	2.826	3.571	5.383	2.762	3.131	3.621
N	17	17	17	17	17	17	17	17	17	17	17
RECORD YEAR	1974	1966	1966	1966	1968	1975	1975	1975	1975	1973	1958
RECORD MAXIMUM	0.420	0.500	0.600	0.850	1.050	1.500	2.000	2.850	3.290	4.350	56.750
NORMALIZED MAX	1.866	1.767	1.494	1.722	1.794	2.002	2.305	2.651	1.790	1.982	2.379
CALC. COEF. VAR	0.367	0.366	0.416	0.391	0.337	0.275	0.281	0.258	0.247	0.312	0.362
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0082	0.0100	0.0121	0.0167	0.0215	0.0317	0.0398	0.0555	0.0748	0.0882	1.0000
RP10/A	0.0126	0.0153	0.0187	0.0257	0.0330	0.0489	0.0613	0.0854	0.1152	0.1358	1.4393
RP25/A	0.0151	0.0184	0.0224	0.0308	0.0397	0.0587	0.0736	0.1026	0.1384	0.1631	1.6362
RP50/A	0.0170	0.0207	0.0252	0.0346	0.0445	0.0658	0.0826	0.1151	0.1552	0.1830	1.7672
RP100/A	0.0188	0.0228	0.0278	0.0382	0.0492	0.0728	0.0913	0.1273	0.1716	0.2023	1.8917
RP1000/A	0.0245	0.0298	0.0364	0.0500	0.0643	0.0951	0.1193	0.1663	0.2242	0.2643	2.2652
RP10000/A	0.0301	0.0366	0.0446	0.0613	0.0789	0.1167	0.1463	0.2039	0.2750	0.3242	2.6007
PMP/A	0.0576	0.0701	0.0855	0.1174	0.1512	0.2236	0.2804	0.3908	0.5270	0.6213	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E20 5996 0	MT TAMALPAIS 2 SW	1480						37.900	122.600	MARIN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	0.51	0.55	0.56	0.92	1.08	1.22	1.86	3.06	******
1941	*****	*****	0.35	0.50	0.70	1.00	1.41	2.48	3.10	3.52	71.56
1942	*****	*****	0.49	0.98	1.83	3.65	5.25	8.42	10.19	11.11	59.90
1943	*****	*****	0.25	0.46	0.77	1.54	1.98	3.74	5.30	7.77	42.35
1944	*****	*****	0.30	0.52	0.71	1.02	1.25	1.44	2.18	3.57	50.08
1945	*****	*****	0.33	0.51	0.90	1.62	2.50	4.80	6.91	7.66	52.72
1946	*****	*****	0.15	0.26	0.45	0.82	1.18	1.92	2.56	2.73	24.91
1947	*****	*****	0.17	0.27	0.51	1.00	1.10	1.57	1.58	2.00	21.37
1948	*****	*****	0.38	0.46	0.64	1.15	1.69	2.76	3.28	3.31	39.85
1949	*****	*****	0.50	0.87	1.00	1.42	1.58	1.90	2.24	2.39	29.25
1950	*****	*****	0.38	0.45	0.61	0.95	1.20	2.00	2.88	4.61	60.58
1951	*****	*****	0.28	0.56	0.79	1.50	2.15	3.70	4.89	5.16	53.14
1952	*****	*****	0.32	0.53	0.70	1.10	1.55	2.30	3.86	4.40	51.17
1953	*****	*****	0.20	0.34	0.50	0.77	0.93	1.50	2.50	4.04	34.57
1954	*****	*****	0.22	0.30	0.55	0.72	0.87	1.38	1.97	2.63	38.00
1955	*****	*****	0.32	0.40	0.72	1.05	1.22	1.75	3.09	4.85	38.00
1956	*****	*****	0.21	0.41	0.75	1.25	1.65	2.65	3.90	5.33	28.04
1957	*****	*****	0.33	0.45	0.63	0.81	0.94	1.67	2.13	2.98	42.26
1958	*****	*****	0.32	0.37	0.72	1.15	1.73	2.54	3.35	3.89	42.53
1959	*****	*****	0.29	0.40	0.60	0.93	1.13	2.06	2.78	3.04	19.80
1960	*****	*****	0.24	0.38	0.55	1.03	1.26	1.59	1.80	2.42	36.77
1961	*****	*****	0.55	0.64	0.73	1.12	1.46	2.20	3.19	4.49	37.05
1962	*****	*****	0.21	0.41	0.57	0.98	1.26	2.07	3.77	5.68	42.81
1963	*****	*****	0.20	0.33	0.42	0.68	0.99	1.32	2.24	3.75	38.01
1964	*****	*****	0.25	0.45	0.67	1.08	1.21	1.69	1.68	2.38	37.86
1965	*****	*****	0.18	0.32	0.57	0.81	0.99	1.57	1.97	2.13	34.57
1966	*****	*****	0.17	0.33	0.65	1.01	1.28	1.91	3.37	4.55	37.02
1967	*****	*****	0.38	0.60	0.80	0.96	1.46	2.51	3.60	6.35	46.40
1968	*****	*****	0.48	0.61	0.90	1.40	1.80	2.60	3.10	3.40	48.30
1969	*****	*****	*****	*****	1.50	2.30	2.80	3.90	4.30	6.00	46.80
1970	*****	*****	*****	*****	0.80	1.20	1.60	2.10	3.80	6.50	57.30
1971	*****	*****	*****	*****	0.30	0.50	0.70	1.00	1.40	1.80	******
1972	*****	*****	*****	*****	0.20	0.40	0.60	0.90	1.30	2.80	******
1973	*****	*****	0.30	0.50	0.80	1.50	1.90	3.30	4.90	6.50	69.30
1974	*****	*****	0.20	0.40	0.50	0.90	1.10	2.00	2.90	2.90	37.70

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E20 5996 0	MT TAMALPAIS 2 SW	1480						37.900	122.600	MARIN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.28	0.43	0.64	1.05	1.38	2.15	2.98	3.91	41.63
5	0.0	0.0	0.40	0.61	0.91	1.48	1.95	3.03	4.20	5.52	54.30
10	0.0	0.0	0.47	0.72	1.08	1.77	2.32	3.62	5.01	6.59	61.62
20	0.0	0.0	0.55	0.83	1.25	2.04	2.68	4.17	5.78	7.59	68.03
25	0.0	0.0	0.57	0.87	1.30	2.12	2.79	4.35	6.02	7.91	69.96
40	0.0	0.0	0.62	0.94	1.41	2.30	3.02	4.71	6.52	8.57	73.87
50	0.0	0.0	0.64	0.97	1.46	2.38	3.13	4.88	6.75	8.87	75.66
100	0.0	0.0	0.71	1.08	1.61	2.63	3.46	5.39	7.47	9.81	80.98
200	0.0	0.0	0.77	1.18	1.76	2.88	3.79	5.90	8.17	10.73	86.03
1000	0.0	0.0	0.92	1.41	2.11	3.44	4.52	7.05	9.76	12.82	96.98
10000	0.0	0.0	1.13	1.73	2.58	4.22	5.55	8.64	11.97	15.72	111.34
PMP	0.0	0.0	2.17	3.31	4.95	8.08	10.63	16.56	22.94	30.13	256.01
MEAN	0.0	0.0	0.308	0.470	0.703	1.147	1.509	2.351	3.256	4.277	42.811
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.666	1.578	2.111	2.916	3.193	2.867	2.256	1.417	0.417
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.361 ; INTERCEPT (TIME=1 HOUR) =0.733 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.01712 ; AVERAGE CALC CV / USED CV = 1.06

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	2.919	6.525	9.821	14.530	16.419	13.890	10.244	5.783	3.349
N	0	0	31	31	35	35	35	35	35	35	32
RECORD YEAR	0	0	1961	1942	1942	1942	1942	1942	1942	1942	1941
RECORD MAXIMUM	0.0	0.0	0.550	0.980	1.830	3.650	5.250	8.420	10.190	11.110	71.560
NORMALIZED MAX	0.0	0.0	2.207	3.244	3.840	4.472	4.650	4.440	4.048	3.422	2.307
CALC. COEF. VAR	0.0	0.0	0.356	0.335	0.418	0.488	0.533	0.581	0.526	0.467	0.291
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0072	0.0110	0.0164	0.0268	0.0352	0.0549	0.0761	0.0999	1.0000
RP10/A	0.0	0.0	0.0111	0.0169	0.0253	0.0412	0.0543	0.0846	0.1171	0.1538	1.4393
RP25/A	0.0	0.0	0.0133	0.0203	0.0304	0.0495	0.0652	0.1016	0.1407	0.1848	1.6342
RP50/A	0.0	0.0	0.0149	0.0228	0.0341	0.0556	0.0731	0.1139	0.1578	0.2073	1.7672
RP100/A	0.0	0.0	0.0165	0.0252	0.0377	0.0615	0.0808	0.1260	0.1745	0.2292	1.8917
RP1000/A	0.0	0.0	0.0216	0.0329	0.0492	0.0803	0.1056	0.1646	0.2279	0.2994	2.2652
RP10000/A	0.0	0.0	0.0265	0.0403	0.0603	0.0985	0.1295	0.2019	0.2796	0.3672	2.6007
PMP/A	0.0	0.0	0.0507	0.0773	0.1157	0.1887	0.2482	0.3869	0.5358	0.7038	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E20 5898 0	MT TAMALPAIS	2600						37.917	122.583	MARIN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1905	*****	*****	*****	*****	0.37	0.57	0.70	1.09	1.65	2.09	22.46
1906	*****	*****	*****	*****	0.52	0.77	1.15	1.43	1.70	1.96	31.36
1907	*****	*****	*****	*****	0.40	0.65	0.82	1.06	1.46	1.65	30.95
1908	*****	*****	*****	*****	0.35	0.63	0.87	1.32	1.95	2.79	25.13
1909	*****	*****	*****	*****	0.55	0.60	0.86	1.45	1.93	2.71	42.16
1910	*****	*****	*****	*****	0.27	0.48	0.64	0.76	1.00	1.18	15.26
1911	*****	*****	*****	*****	0.83	0.99	1.13	1.25	1.94	2.46	26.61
1912	*****	*****	*****	*****	0.36	0.67	0.95	1.34	1.82	3.02	25.62
1913	*****	*****	*****	*****	0.43	0.69	0.89	1.20	1.50	2.09	23.35
1914	*****	*****	*****	*****	0.50	0.78	0.99	1.37	2.12	2.70	24.92
1915	*****	*****	*****	*****	0.48	0.83	0.91	1.07	1.13	1.64	31.56
1916	*****	*****	*****	*****	0.29	0.51	0.68	1.10	1.58	1.84	28.94
1917	*****	*****	*****	*****	0.70	0.96	1.20	1.32	1.58	1.89	13.48
1918	*****	*****	*****	*****	0.50	0.60	0.80	1.25	1.68	1.89	21.33
1919	*****	*****	*****	*****	0.47	0.62	0.62	0.62	0.65	0.92	25.92
1920	*****	*****	*****	*****	0.39	0.60	0.76	0.88	1.02	1.54	23.81

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E20 5898 0	MT TAMALPAIS	2600						37.917	122.583	MARIN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.48	0.67	0.83	1.08	1.43	1.85	25.09
5	0.0	0.0	0.0	0.0	0.68	0.94	1.17	1.52	2.01	2.61	32.73
10	0.0	0.0	0.0	0.0	0.81	1.13	1.40	1.82	2.40	3.11	37.14
20	0.0	0.0	0.0	0.0	0.94	1.30	1.61	2.10	2.77	3.59	41.00
25	0.0	0.0	0.0	0.0	0.98	1.35	1.68	2.18	2.89	3.74	42.17
40	0.0	0.0	0.0	0.0	1.06	1.47	1.82	2.36	3.12	4.05	44.52
50	0.0	0.0	0.0	0.0	1.10	1.52	1.88	2.45	3.24	4.20	45.60
100	0.0	0.0	0.0	0.0	1.21	1.68	2.08	2.71	3.58	4.64	48.81
200	0.0	0.0	0.0	0.0	1.32	1.84	2.28	2.96	3.91	5.08	51.85
1000	0.0	0.0	0.0	0.0	1.58	2.19	2.72	3.54	4.67	6.06	58.45
10000	0.0	0.0	0.0	0.0	1.94	2.69	3.34	4.34	5.73	7.44	67.10
PMP	0.0	0.0	0.0	0.0	3.72	5.16	6.40	8.31	10.99	14.25	154.30
MEAN	0.0	0.0	0.0	0.0	0.528	0.732	0.908	1.180	1.560	2.023	25.802
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	1.185	0.883	0.428	-0.938	-0.777	-0.005	0.433
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.509 ; INTERCEPT (TIME=1 HOUR) =0.526 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.02039 ; AVERAGE CALC CV / USED CV = 0.60

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	5.130	3.679	2.907	3.765	3.495	2.995	5.131
N	0	0	0	0	16	16	16	16	16	16	16
RECORD YEAR	0	0	0	0	1911	1911	1917	1909	1914	1912	1909
RECORD MAXIMUM	0.0	0.0	0.0	0.0	0.830	0.990	1.200	1.450	2.120	3.020	42.160
NORMILIZED MAX	0.0	0.0	0.0	0.0	1.830	1.643	1.573	1.106	1.363	1.688	2.441
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.313	0.214	0.204	0.207	0.266	0.292	0.260
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0	0.0	0.0205	0.0284	0.0352	0.0457	0.0605	0.0784	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0315	0.0437	0.0542	0.0704	0.0931	0.1207	1.4393
RP25/A	0.0	0.0	0.0	0.0	0.0378	0.0525	0.0651	0.0846	0.1118	0.1450	1.6342
RP50/A	0.0	0.0	0.0	0.0	0.0425	0.0589	0.0730	0.0949	0.1254	0.1627	1.7672
RP100/A	0.0	0.0	0.0	0.0	0.0469	0.0651	0.0807	0.1049	0.1387	0.1799	1.8917
RP1000/A	0.0	0.0	0.0	0.0	0.0613	0.0851	0.1055	0.1371	0.1812	0.2350	2.2652
RP10000/A	0.0	0.0	0.0	0.0	0.0752	0.1043	0.1294	0.1681	0.2222	0.2882	2.6007
PMP/A	0.0	0.0	0.0	0.0	0.1442	0.1999	0.2479	0.3222	0.4259	0.5524	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUR		STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E20 6290	0	NOVATO RWNW	350	24	04N	08W		M	38.133	122.717	MARIN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1943	*****	*****	0.26	0.33	0.41	0.48	0.55	0.94	1.20	1.32	******
1944	*****	*****	0.18	0.30	0.52	0.81	0.93	1.22	1.81	2.03	30.25
1945	*****	*****	0.17	0.26	0.50	0.80	1.09	1.79	2.70	3.64	35.60
1946	*****	*****	0.12	0.24	0.35	0.52	0.69	1.12	1.50	1.93	18.07
1947	*****	*****	0.42	0.51	0.56	0.63	0.80	1.25	1.37	1.90	23.00
1948	*****	*****	0.30	0.37	0.58	0.77	0.97	1.40	1.63	1.96	26.70
1949	0.10	0.17	0.20	0.40	0.68	0.98	1.22	1.73	1.80	1.90	23.00
1950	0.24	0.39	0.44	0.52	0.81	1.10	1.36	1.75	3.09	4.26	42.90
1951	0.19	0.36	0.45	0.52	0.62	1.24	1.46	2.00	2.75	3.19	32.89
1952	0.14	0.20	0.26	0.40	0.52	1.00	1.49	2.40	3.38	3.88	41.54
1953	0.18	0.29	0.31	0.48	0.70	0.84	0.95	1.53	2.12	2.64	22.91
1954	0.18	0.21	0.29	0.35	0.68	0.90	1.16	1.80	3.09	4.92	33.37
1955	0.18	0.25	0.30	0.34	0.53	1.04	1.45	2.20	4.04	4.93	36.16
1956	0.20	0.27	0.32	0.49	0.55	0.76	0.91	1.40	2.00	3.23	26.10
1957	0.27	0.41	0.46	0.56	0.88	1.18	1.56	1.90	2.26	2.56	33.68
1958	0.20	0.22	0.25	0.44	0.58	0.88	1.09	1.86	2.48	3.08	37.66
1959	0.23	0.26	0.30	0.33	0.55	1.02	1.44	2.07	2.58	3.12	21.16
1960	0.12	0.21	0.30	0.58	0.73	0.84	1.15	1.84	2.16	2.30	28.94
1961	0.20	0.30	0.31	0.49	0.59	0.75	1.03	1.30	1.46	1.89	21.49
1962	0.31	0.54	0.66	0.96	1.13	1.32	1.57	2.06	2.90	4.68	34.30
1963	0.11	0.18	0.23	0.41	0.60	0.86	1.15	1.93	2.00	3.28	31.82
1964	0.13	0.17	0.19	0.29	0.40	0.61	0.80	1.03	1.55	1.92	24.47
1965	0.08	0.15	0.19	0.24	0.35	0.70	0.75	1.11	1.29	1.57	23.74
1966	0.17	0.20	0.24	0.31	0.40	0.70	0.85	1.15	2.03	3.12	23.72
1967	0.12	0.22	0.34	0.68	0.80	1.00	1.21	1.75	2.52	4.27	30.75
1968	0.18	0.29	0.33	0.49	0.60	0.79	0.89	1.47	1.88	1.97	27.30
1969	0.10	0.19	0.21	0.40	0.78	1.22	1.58	2.32	2.66	3.70	33.00
1970	0.15	0.23	0.29	0.46	0.75	1.15	1.70	2.58	3.15	4.15	42.65
1971	0.05	0.08	0.13	0.20	0.32	0.45	0.52	0.86	1.06	1.57	16.72
1972	0.16	0.27	0.43	0.58	0.70	0.82	0.83	0.93	1.38	2.10	24.65
1973	*****	*****	*****	*****	0.31	0.56	0.78	1.17	1.94	3.20	43.37
1974	*****	*****	*****	*****	0.37	0.58	0.79	1.07	1.80	2.30	25.95

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUR		STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E20 6290	0	NOVATO RWNW	350	24	04N	08W		M	38.133	122.717	MARIN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.15	0.23	0.27	0.39	0.54	0.78	0.99	1.46	1.99	2.65	28.79
5	0.21	0.33	0.38	0.56	0.76	1.10	1.40	2.05	2.80	3.73	37.55
10	0.26	0.39	0.45	0.66	0.91	1.31	1.67	2.45	3.35	4.45	42.61
20	0.30	0.45	0.52	0.76	1.05	1.51	1.93	2.83	3.86	5.13	47.05
25	0.31	0.47	0.55	0.80	1.09	1.58	2.01	2.94	4.02	5.35	48.39
40	0.33	0.51	0.59	0.86	1.18	1.71	2.17	3.19	4.36	5.79	51.09
50	0.34	0.52	0.61	0.89	1.22	1.77	2.25	3.30	4.51	6.00	52.32
100	0.38	0.58	0.68	0.99	1.35	1.96	2.49	3.65	4.99	6.63	56.01
200	0.42	0.63	0.74	1.08	1.48	2.14	2.72	3.99	5.46	7.25	59.50
1000	0.50	0.76	0.89	1.29	1.77	2.56	3.25	4.77	6.52	8.66	67.07
10000	0.61	0.93	1.09	1.58	2.17	3.14	3.99	5.85	7.99	10.62	77.00
PMP	1.17	1.78	2.08	3.03	4.15	6.01	7.64	11.21	15.32	20.36	177.06
MEAN	0.166	0.253	0.295	0.431	0.589	0.853	1.085	1.592	2.174	2.890	29.608
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.347	1.196	1.010	1.337	0.683	0.194	0.235	0.240	0.599	0.456	0.330
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.489 ; INTERCEPT (TIME=1 HOUR) =0.606 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.0204R ; AVEPAGE CALC CV / USED CV = 0.84

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.524	5.508	4.879	6.614	4.207	2.584	2.290	2.318	3.156	2.329	2.525
N	24	24	30	30	32	32	32	32	32	32	31
RECORD YEAR	1962	1962	1962	1962	1962	1962	1970	1970	1955	1955	1973
RECORD MAXIMUM	0.310	0.540	0.640	0.960	1.130	1.320	1.700	2.580	4.040	4.930	43.370
NORMALIZED MAX	2.362	2.955	3.067	3.429	2.959	2.025	1.904	2.097	2.608	1.937	1.865
CALC. COEF. VAR	0.366	0.384	0.381	0.358	0.310	0.270	0.298	0.296	0.329	0.364	0.249
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0056	0.0085	0.0100	0.0145	0.0199	0.0288	0.0366	0.0538	0.0734	0.0976	1.0000
RP10/A	0.0086	0.0132	0.0154	0.0224	0.0306	0.0444	0.0564	0.0828	0.1131	0.1503	1.4393
RP25/A	0.0104	0.0158	0.0184	0.0269	0.0368	0.0533	0.0678	0.0994	0.1358	0.1806	1.6342
RP50/A	0.0116	0.0177	0.0207	0.0302	0.0413	0.0598	0.0760	0.1115	0.1524	0.2025	1.7672
RP100/A	0.0129	0.0196	0.0229	0.0334	0.0456	0.0661	0.0841	0.1233	0.1685	0.2239	1.8917
RP1000/A	0.0168	0.0256	0.0299	0.0436	0.0596	0.0864	0.1098	0.1611	0.2201	0.2926	2.2652
RP10000/A	0.0206	0.0314	0.0367	0.0535	0.0731	0.1059	0.1347	0.1976	0.2699	0.3588	2.6007
PMP/A	0.0396	0.0602	0.0703	0.1025	0.1402	0.2030	0.2582	0.3787	0.5174	0.6877	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROPABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E20 6290 1	NOVATO	20						38.109	122.570	MARIN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
	DURATION										
1958	0.10	0.20	0.33	0.55	0.64	0.82	1.10	2.00	2.95	3.33	43.46
1959	0.15	0.20	0.25	0.28	0.55	0.75	0.97	1.74	2.54	3.40	17.50
1960	0.15	0.15	0.15	0.22	0.37	0.50	0.68	1.77	2.05	2.05	18.14
1961	0.15	0.15	0.20	0.40	0.50	0.65	1.10	1.57	1.93	2.18	18.10
1962	0.10	0.20	0.28	0.50	0.90	1.25	1.50	2.00	2.15	2.40	25.55
1963	0.20	0.30	0.40	0.60	0.75	1.35	1.62	2.04	2.53	3.55	31.75
1964	0.15	0.22	0.31	0.62	0.88	1.05	1.35	1.75	1.95	2.10	17.67
1965	0.20	0.22	0.25	0.33	0.45	0.87	1.10	1.60	1.65	1.85	30.31
1966	0.15	0.15	0.20	0.22	0.25	0.45	0.60	1.00	1.37	2.17	20.21
1967	0.20	0.20	0.30	0.40	0.75	0.95	1.15	1.85	2.90	3.45	38.38
1968	0.25	0.27	0.35	0.42	0.53	0.76	1.00	1.60	2.00	2.43	19.12
1969	0.25	0.25	0.30	0.42	0.60	1.00	1.10	1.20	2.05	2.67	35.65
1970	0.20	0.27	0.40	0.60	1.17	1.77	2.17	2.75	2.90	3.85	29.51
1971	0.17	0.20	0.25	0.40	0.50	0.90	1.35	2.30	2.85	3.35	25.02
1972	0.11	0.17	0.21	0.29	0.36	0.55	0.71	1.05	1.27	1.67	14.85
1973	0.27	0.42	0.69	0.68	0.77	1.04	1.34	2.14	2.73	2.90	44.06
1974	0.22	0.25	0.29	0.31	0.51	0.80	1.05	1.56	2.15	2.94	30.47
1975	0.12	0.16	0.20	0.29	0.38	0.70	0.97	1.54	2.03	2.25	23.67

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E20 6290 1	NOVATO	20						38.109	122.570	MARIN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.16	0.20	0.26	0.38	0.55	0.82	1.06	1.60	2.03	2.47	26.12
5	0.23	0.29	0.37	0.54	0.78	1.16	1.49	2.25	2.87	3.48	34.06
10	0.27	0.34	0.44	0.64	0.93	1.38	1.78	2.69	3.42	4.15	38.65
20	0.31	0.39	0.51	0.74	1.07	1.59	2.06	3.10	3.95	4.79	42.68
25	0.32	0.41	0.53	0.77	1.12	1.66	2.14	3.23	4.11	4.99	43.89
40	0.35	0.44	0.57	0.84	1.21	1.80	2.32	3.50	4.45	5.40	46.34
50	0.36	0.46	0.59	0.87	1.25	1.86	2.40	3.63	4.61	5.59	47.46
100	0.40	0.51	0.66	0.96	1.38	2.06	2.66	4.01	5.10	6.19	50.80
200	0.44	0.55	0.72	1.05	1.51	2.25	2.91	4.39	5.58	6.77	53.97
1000	0.52	0.66	0.86	1.25	1.81	2.69	3.47	5.24	6.66	8.08	60.84
10000	0.64	0.81	1.05	1.54	2.22	3.30	4.26	6.42	8.17	9.91	69.85
PMP	1.23	1.56	2.02	2.95	4.25	6.32	8.16	12.31	15.66	19.00	160.60
MEAN	0.174	0.221	0.287	0.418	0.603	0.898	1.159	1.748	2.222	2.697	26.857
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.264	1.584	0.689	0.368	0.808	1.134	1.044	0.280	-0.140	0.203	0.573
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.461 ; INTERCEPT (TIME=1 HOUR) =0.617 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.02297) AVERAGE CALC CV / USED CV = 0.82

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	2.594	6.817	3.844	2.442	4.004	5.219	5.537	4.036	2.655	2.181	2.721
N	18	18	18	18	18	18	18	18	18	18	18
RECORD YEAR	1973	1973	1973	1973	1970	1970	1970	1970	1958	1970	1973
RECORD MAXIMUM	0.270	0.420	0.490	0.680	1.170	1.770	2.170	2.750	2.950	3.850	44.060
NORMILIZED MAX	1.828	2.975	2.371	1.822	2.452	2.693	2.735	2.315	1.403	1.737	1.679
CALC. COEF. VAR	0.300	0.302	0.299	0.343	0.383	0.361	0.319	0.248	0.233	0.246	0.341
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0065	0.0082	0.0107	0.0156	0.0225	0.0334	0.0432	0.0651	0.0827	0.1004	1.0000
RP10/A	0.0100	0.0127	0.0164	0.0240	0.0346	0.0515	0.0664	0.1002	0.1274	0.1546	1.4393
RP25/A	0.0120	0.0152	0.0197	0.0288	0.0416	0.0618	0.0798	0.1204	0.1530	0.1857	1.6342
RP50/A	0.0135	0.0171	0.0221	0.0323	0.0466	0.0694	0.0895	0.1350	0.1717	0.2083	1.7672
RP100/A	0.0149	0.0189	0.0245	0.0357	0.0515	0.0767	0.0990	0.1493	0.1898	0.2303	1.8917
RP1000/A	0.0195	0.0247	0.0320	0.0467	0.0673	0.1002	0.1293	0.1950	0.2480	0.3009	2.2652
RP10000/A	0.0239	0.0303	0.0392	0.0573	0.0826	0.1229	0.1586	0.2392	0.3042	0.3691	2.6007
PMP/A	0.0458	0.0580	0.0752	0.1097	0.1583	0.2355	0.3040	0.4585	0.5829	0.7074	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E20 7707 0	SAN ANSELMO	45						37.975	122.021	MARIN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1958	0.25	0.35	0.55	0.90	0.90	1.40	1.80	2.81	4.25	4.25	65.94
1959	0.15	0.20	0.25	0.45	0.60	0.87	1.16	2.12	3.25	4.10	22.71
1960	0.09	0.15	0.25	0.45	0.75	1.45	1.80	2.38	4.80	4.80	29.23
1961	0.12	0.20	0.25	0.40	0.45	0.85	1.10	1.70	2.00	2.30	24.14
1962	0.12	0.15	0.30	0.45	0.80	1.65	2.07	2.70	3.65	4.70	34.86
1963	0.15	0.25	0.40	0.60	1.10	1.80	2.48	4.00	5.45	7.03	52.08
1964	0.25	0.30	0.40	0.55	0.90	1.33	1.50	1.80	2.40	2.95	25.58
1965	0.20	0.30	0.35	0.40	0.75	1.30	1.68	2.00	2.05	2.45	45.74
1966	0.14	0.15	0.25	0.45	0.65	0.85	1.05	2.38	3.95	6.18	32.43
1967	0.20	0.30	0.37	0.53	0.80	1.55	1.85	2.26	4.60	6.95	62.24
1968	0.20	0.30	0.38	0.45	0.65	1.25	1.60	2.68	3.50	4.10	30.41
1969	0.20	0.30	0.54	0.60	0.70	1.32	1.52	2.30	4.17	4.55	66.58
1970	0.20	0.30	0.38	0.60	1.03	1.65	2.12	3.10	3.70	5.07	54.65
1971	0.30	0.40	0.60	0.82	1.00	1.37	1.62	2.25	3.56	6.05	34.67
1972	0.11	0.12	0.15	0.28	0.48	0.77	1.12	1.71	1.86	2.15	23.41
1973	0.20	0.28	0.37	0.55	0.98	1.61	2.22	3.07	4.11	4.98	55.35
1974	0.33	0.36	0.38	0.46	0.78	1.27	1.48	2.06	3.63	4.16	52.44
1975	0.20	0.26	0.31	0.59	0.85	1.05	1.40	2.25	3.05	4.05	37.36

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E20 7707 0	SAN ANSELMO	45						37.975	122.021	MARIN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.17	0.24	0.33	0.48	0.72	1.19	1.50	2.22	3.25	4.11	40.51
5	0.24	0.33	0.46	0.68	1.02	1.67	2.12	3.12	4.58	5.79	52.84
10	0.29	0.40	0.55	0.82	1.21	2.00	2.53	3.73	5.47	6.91	59.95
20	0.34	0.46	0.64	0.94	1.40	2.30	2.92	4.30	6.31	7.97	66.19
25	0.35	0.48	0.67	0.98	1.46	2.40	3.04	4.48	6.57	8.30	68.07
40	0.38	0.52	0.72	1.06	1.58	2.60	3.29	4.85	7.12	8.99	71.88
50	0.39	0.54	0.75	1.10	1.63	2.69	3.41	5.02	7.37	9.32	73.62
100	0.43	0.60	0.83	1.21	1.81	2.97	3.77	5.55	8.15	10.30	78.80
200	0.48	0.65	0.90	1.33	1.98	3.25	4.12	6.07	8.92	11.27	83.71
1000	0.57	0.78	1.08	1.59	2.36	3.89	4.92	7.25	10.65	13.46	94.36
10000	0.70	0.95	1.32	1.95	2.89	4.77	6.04	8.90	13.07	16.50	108.34
PMP	1.33	1.83	2.54	3.73	5.55	9.13	11.57	17.05	25.04	31.63	249.11
MEAN	0.189	0.259	0.360	0.529	0.787	1.297	1.643	2.421	3.554	4.490	41.657
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.529	-0.266	0.496	1.098	-0.166	-0.333	0.330	1.227	-0.203	0.098	0.343
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.388 ; INTERCEPT (TIME=1 HOUR) =0.823 ; COEFFICIENT OF DETERMINATION = 0.994
1HR INTERCEPT / MEAN YR =0.01977 ; AVERAGE CALC CV / USED CV = 0.70

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	3.420	2.631	3.587	5.060	2.973	2.623	2.999	5.432	3.082	2.987	2.119
N	18	18	18	18	18	18	18	18	18	18	18
RECORD YEAR	1974	1971	1971	1958	1963	1963	1963	1963	1963	1963	1969
RECORD MAXIMUM	0.330	0.400	0.600	0.900	1.100	1.800	2.480	4.000	5.450	7.030	66.580
NORMILIZED MAX	2.167	1.740	2.066	2.501	1.723	1.626	2.056	2.756	1.905	1.746	1.631
CALC. COEF. VAR	0.342	0.311	0.323	0.280	0.231	0.239	0.248	0.237	0.280	0.324	0.367
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0045	0.0062	0.0086	0.0127	0.0189	0.0311	0.0394	0.0581	0.0853	0.1078	1.0000
RP10/A	0.0070	0.0096	0.0133	0.0196	0.0291	0.0479	0.0607	0.0895	0.1314	0.1660	1.4393
RP25/A	0.0084	0.0115	0.0160	0.0235	0.0350	0.0576	0.0729	0.1075	0.1578	0.1994	1.6342
RP50/A	0.0094	0.0129	0.0179	0.0264	0.0392	0.0646	0.0818	0.1206	0.1770	0.2236	1.7672
RP100/A	0.0104	0.0143	0.0198	0.0292	0.0434	0.0714	0.0905	0.1333	0.1957	0.2473	1.8917
RP1000/A	0.0136	0.0187	0.0259	0.0381	0.0566	0.0933	0.1182	0.1742	0.2557	0.3230	2.2652
RP10000/A	0.0167	0.0229	0.0318	0.0467	0.0695	0.1144	0.1450	0.2136	0.3136	0.3962	2.6007
PMP/A	0.0320	0.0439	0.0609	0.0895	0.1331	0.2193	0.2778	0.4094	0.6011	0.7594	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F90 9770 21	WOODACRE	350	16	02N	07W	N	M	38.014	122.651	MARIN

M=MINUTES,H=HOURS,O=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1964	0.30	0.40	0.55	0.80	1.00	1.42	1.72	2.03	2.42	2.60	21.64
1965	0.15	0.22	0.30	0.40	0.79	1.12	1.47	1.88	1.96	3.23	35.44
1966	0.18	0.20	0.25	0.29	0.46	0.78	1.15	2.30	3.68	5.80	28.68
1967	0.15	0.29	0.40	0.60	0.81	1.13	1.47	2.23	4.00	7.95	51.86
1968	0.25	0.35	0.40	0.51	0.70	1.20	1.58	2.52	2.86	3.13	30.50
1969	0.12	0.20	0.27	0.32	0.50	0.97	1.15	1.90	2.30	3.18	47.55
1970	0.25	0.35	0.40	0.60	0.95	1.35	1.64	2.55	3.66	5.71	48.04
1971	0.25	0.30	0.37	0.54	0.75	1.10	1.20	2.07	3.41	4.46	29.96
1972	0.16	0.21	0.25	0.40	0.50	0.66	0.79	1.23	1.38	2.21	23.68
1973	0.17	0.30	0.37	0.51	0.75	1.39	2.13	2.75	3.52	4.33	60.44

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F90 9770 21	WOODACRE	350	16	02N	07W	N	M	38.014	122.651	MARIN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION O=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.18	0.26	0.33	0.46	0.67	1.03	1.32	1.99	2.70	3.95	36.77
5	0.25	0.35	0.45	0.62	0.90	1.39	1.79	2.69	3.66	5.34	45.87
10	0.29	0.41	0.52	0.73	1.06	1.63	2.10	3.15	4.29	6.26	51.23
20	0.33	0.47	0.60	0.83	1.21	1.86	2.40	3.60	4.89	7.14	55.97
25	0.34	0.49	0.62	0.86	1.25	1.93	2.49	3.73	5.08	7.41	57.41
40	0.37	0.53	0.67	0.93	1.35	2.08	2.68	4.02	5.47	7.98	60.33
50	0.38	0.55	0.69	0.96	1.40	2.15	2.77	4.15	5.65	8.25	61.67
100	0.42	0.60	0.76	1.06	1.53	2.37	3.04	4.56	6.21	9.06	65.67
200	0.46	0.65	0.82	1.15	1.67	2.57	3.31	4.97	6.76	9.86	69.49
1000	0.54	0.77	0.98	1.36	1.98	3.05	3.92	5.88	8.00	11.67	77.83
10000	0.66	0.94	1.19	1.66	2.40	3.70	4.76	7.15	9.72	14.19	88.88
PMP	1.24	1.77	2.23	3.11	4.52	6.97	8.96	13.44	18.29	26.69	189.65
MEAN	0.198	0.282	0.356	0.497	0.721	1.112	1.430	2.146	2.919	4.260	37.779
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.467	0.214	0.769	0.547	-0.099	-0.581	0.164	-0.789	-0.514	0.980	0.469
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.452 ; INTERCEPT (TIME=1 HOUR) =0.754 ; COEFFICIENT OF DETERMINATION = 0.997
IMR INTERCEPT / MEAN YR =0.01995 ; AVERAGE CALC CV / USED CV = 0.76

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	2.878	2.759	4.749	4.320	3.044	3.566	4.356	5.034	3.057	4.418	2.879
N	10	10	10	10	10	10	10	10	10	10	10
RECORD YEAR	1964	1964	1964	1964	1964	1964	1973	1973	1967	1967	1973
RECORD MAXIMUM	0.300	0.400	0.550	0.800	1.000	1.420	2.130	2.750	4.000	7.950	60.440
NORMILIZED MAX	1.717	1.644	2.100	1.992	1.501	1.222	1.868	1.395	1.242	2.070	1.713
CALC. COEF. VAR	0.300	0.255	0.260	0.306	0.258	0.227	0.262	0.202	0.298	0.418	0.350
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0052	0.0075	0.0094	0.0132	0.0191	0.0294	0.0379	0.0568	0.0773	0.1128	1.0000
RP10/A	0.0077	0.0110	0.0139	0.0193	0.0281	0.0433	0.0556	0.0835	0.1136	0.1658	1.3560
RP25/A	0.0091	0.0130	0.0164	0.0229	0.0332	0.0512	0.0659	0.0988	0.1344	0.1962	1.5196
RP50/A	0.0101	0.0145	0.0182	0.0255	0.0369	0.0570	0.0733	0.1100	0.1496	0.2183	1.6323
RP100/A	0.0111	0.0159	0.0200	0.0280	0.0406	0.0626	0.0805	0.1208	0.1643	0.2399	1.7384
RP1000/A	0.0144	0.0204	0.0258	0.0360	0.0523	0.0806	0.1037	0.1556	0.2117	0.3089	2.0601
RP10000/A	0.0175	0.0249	0.0314	0.0438	0.0636	0.0980	0.1261	0.1892	0.2573	0.3756	2.3526
PMP/A	0.0328	0.0468	0.0590	0.0824	0.1196	0.1844	0.2371	0.3559	0.4841	0.7064	5.0200

PEARSON TYPE III DISTRIBUTION USED
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WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BMM	LATITUDE	LONGITUDE	COUNTY
850 570 80	BEAR VALLEY	2600	20	045	17E	M	37.567	120.117	MARIPOSA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
1961	*****	*****	0.27	0.32	0.53	0.76	0.88	1.19	1.65	1.99	10.15
1962	*****	*****	0.29	0.38	0.46	0.63	0.74	1.17	1.78	2.56	24.49
1963	*****	*****	0.23	0.37	0.52	0.82	1.28	2.30	2.65	3.90	30.40
1964	*****	*****	0.21	0.34	0.58	0.73	0.85	1.12	1.25	1.77	17.86
1965	*****	*****	0.23	0.34	0.52	0.66	1.04	1.56	1.93	2.48	32.40
1966	*****	*****	0.45	0.66	0.95	1.04	1.07	1.15	1.40	1.98	19.82
1967	*****	*****	0.20	0.27	0.41	0.67	0.84	1.17	1.52	2.73	33.35
1968	*****	*****	0.22	0.30	0.35	0.49	0.55	0.95	1.14	1.17	17.33
1969	*****	*****	0.30	0.40	0.48	0.95	1.11	1.50	2.82	3.64	49.90
1970	*****	*****	0.20	0.36	0.56	0.64	0.93	1.79	2.67	3.20	28.27
1971	*****	*****	0.22	0.40	0.50	0.75	0.90	1.32	1.33	1.48	18.82
1972	*****	*****	0.29	0.41	0.61	0.95	1.01	1.08	1.37	1.70	15.57
1973	*****	*****	0.32	0.47	0.57	0.90	1.02	1.29	2.04	2.72	31.96
1974	*****	*****	0.18	0.25	0.38	0.63	0.79	1.26	2.22	2.60	29.65

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BMM	LATITUDE	LONGITUDE	COUNTY
850 570 80	BEAR VALLEY	2600	20	045	17E	M	37.567	120.117	MARIPOSA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
2	0.0	0.0	0.258	0.376	0.530	0.759	0.929	1.346	1.841	2.423	25.712
5	0.0	0.0	0.32	0.47	0.66	0.95	1.17	1.69	2.31	3.04	31.76
10	0.0	0.0	0.38	0.55	0.77	1.11	1.35	1.96	2.68	3.53	35.61
20	0.0	0.0	0.42	0.62	0.87	1.25	1.53	2.22	3.03	3.99	38.99
25	0.0	0.0	0.44	0.64	0.90	1.29	1.58	2.29	3.14	4.13	40.00
40	0.0	0.0	0.45	0.65	0.92	1.31	1.61	2.33	3.19	4.20	42.06
50	0.0	0.0	0.49	0.71	1.00	1.43	1.75	2.53	3.46	4.56	43.00
100	0.0	0.0	0.53	0.77	1.09	1.56	1.91	2.76	3.78	4.97	45.81
200	0.0	0.0	0.57	0.84	1.18	1.68	2.06	2.99	4.08	5.38	48.47
1000	0.0	0.0	0.67	0.98	1.37	1.97	2.41	3.49	4.77	6.28	54.23
10000	0.0	0.0	0.80	1.17	1.65	2.36	2.89	4.19	5.72	7.53	61.79
PMP	0.0	0.0	1.58	2.30	3.24	4.64	5.68	8.23	11.26	14.82	137.95
MEAN	0.0	0.0	0.258	0.376	0.530	0.759	0.929	1.346	1.841	2.423	25.712
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.642	1.756	1.948	0.297	-0.170	1.785	0.591	0.340	0.770
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.486 ; INTERCEPT (TIME=1 HOUR) =0.531 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.02063 ; AVERAGE CALC CV / USED CV = 0.71

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
KURTOSIS	0.0	0.0	6.797	7.881	9.019	3.031	4.321	6.895	2.657	3.120	4.695
N	0	0	14	14	14	14	14	14	14	14	14
RECORD YEAR	0	0	1966	1966	1966	1966	1963	1963	1969	1963	1969
RECORD MAXIMUM	0.0	0.0	0.450	0.660	0.950	1.040	1.280	2.300	2.820	3.900	49.900
NORMILIZED MAX	0.0	0.0	2.733	2.828	2.938	1.811	1.953	2.725	1.733	1.849	2.390
CALC. COEF. VAR	0.0	0.0	0.273	0.266	0.270	0.205	0.193	0.260	0.307	0.330	0.394
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0	0.0100	0.0146	0.0206	0.0295	0.0361	0.0524	0.0716	0.0942	1.0000
RP10/A	0.0	0.0	0.0146	0.0213	0.0300	0.0430	0.0527	0.0763	0.1043	0.1373	1.3850
RP25/A	0.0	0.0	0.0171	0.0250	0.0351	0.0503	0.0616	0.0893	0.1220	0.1606	1.5559
RP50/A	0.0	0.0	0.0189	0.0275	0.0388	0.0555	0.0680	0.0985	0.1347	0.1773	1.6725
RP100/A	0.0	0.0	0.0206	0.0300	0.0423	0.0606	0.0742	0.1075	0.1469	0.1934	1.7815
RP1000/A	0.0	0.0	0.0260	0.0380	0.0535	0.0765	0.0937	0.1358	0.1857	0.2444	2.1090
RP10000/A	0.0	0.0	0.0312	0.0455	0.0641	0.0917	0.1124	0.1628	0.2226	0.2930	2.4030
PMP/A	0.0	0.0	0.0613	0.0895	0.1260	0.1804	0.2210	0.3202	0.4378	0.5762	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
850 4104 00	HORNITOS USCE	850	17	055	16E	G	M	37.509	120.236	MARIPOSA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
1961	*****	*****	0.37	0.52	0.60	0.65	0.67	0.98	1.17	1.17	7.20
1962	*****	*****	0.57	0.72	0.82	1.56	1.56	1.81	2.06	2.82	17.07
1963	*****	*****	0.22	0.24	0.27	0.45	0.62	1.02	1.78	2.25	18.08
1964	*****	*****	0.22	0.38	0.58	0.94	1.21	1.37	1.42	1.42	11.24
1965	*****	*****	0.28	0.35	0.54	0.83	1.03	1.25	1.55	1.84	20.26
1966	*****	*****	0.64	0.72	0.73	0.81	0.81	0.86	1.15	1.32	13.08
1967	*****	*****	0.38	0.43	0.49	0.57	0.67	0.92	1.40	1.89	21.71
1968	*****	*****	0.22	0.23	0.30	0.44	0.53	0.69	1.06	1.12	10.65
1969	*****	*****	0.34	0.48	0.52	0.87	1.05	1.35	1.85	2.72	32.11
1970	*****	*****	0.18	0.23	0.47	0.62	0.72	0.78	1.12	2.02	15.23
1971	*****	*****	0.14	0.19	0.27	0.46	0.57	0.74	0.88	1.02	12.10
1972	*****	*****	0.41	0.50	0.54	0.75	1.02	1.08	1.56	1.95	10.36
1973	*****	*****	0.27	0.28	0.40	0.61	0.79	1.20	1.44	2.28	22.81
1974	*****	*****	0.15	0.19	0.34	0.49	0.53	0.78	1.04	1.25	17.44

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
850 4104 00	HORNITOS USCE	850	17	055	16E	G	M	37.509	120.236	MARIPOSA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
2	0.0	0.0	0.29	0.37	0.46	0.67	0.79	0.99	1.31	1.68	15.99
5	0.0	0.0	0.39	0.49	0.62	0.90	1.06	1.33	1.75	2.25	20.23
10	0.0	0.0	0.46	0.57	0.72	1.05	1.23	1.54	2.03	2.61	22.69
20	0.0	0.0	0.52	0.64	0.81	1.18	1.38	1.74	2.29	2.95	24.84
25	0.0	0.0	0.53	0.66	0.84	1.22	1.43	1.81	2.37	3.05	25.49
40	0.0	0.0	0.54	0.68	0.85	1.24	1.46	1.84	2.41	3.10	26.80
50	0.0	0.0	0.59	0.73	0.92	1.35	1.58	1.99	2.62	3.37	27.40
100	0.0	0.0	0.64	0.80	1.01	1.47	1.73	2.17	2.86	3.68	29.18
200	0.0	0.0	0.70	0.87	1.09	1.59	1.87	2.35	3.09	3.97	30.88
1000	0.0	0.0	0.81	1.01	1.27	1.86	2.18	2.75	3.61	4.64	34.55
10000	0.0	0.0	0.97	1.21	1.53	2.23	2.62	3.29	4.33	5.57	39.37
PMP	0.0	0.0	1.92	2.38	3.00	4.39	5.15	6.48	8.51	10.95	87.89
MEAN	0.0	0.0	0.314	0.390	0.491	0.718	0.841	1.059	1.391	1.791	16.381
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.015	0.720	0.377	1.914	1.147	1.037	0.449	0.353	0.967
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.595 ; INTERCEPT (TIME=1 HOUR) =0.527 ; COEFFICIENT OF DETERMINATION = 0.994
1HR INTERCEPT / MEAN YR =0.03218 ; AVERAGE CALC CV / USED CV = 1.20

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
KURTOSIS	0.0	0.0	4.015	3.155	3.327	8.098	4.583	4.589	3.050	2.646	4.813
N	0	0	14	14	14	14	14	14	14	14	14
RECORD YEAR	0	0	1966	1962	1962	1962	1962	1962	1962	1962	1969
RECORD MAXIMUM	0.0	0.0	0.640	0.720	0.820	1.560	1.560	1.810	2.060	2.820	32.110
NORMILIZED MAX	0.0	0.0	2.171	1.827	1.988	2.871	2.409	2.409	1.942	1.741	2.425
CALC. COEF. VAR	0.0	0.0	0.480	0.463	0.337	0.409	0.355	0.294	0.247	0.330	0.396
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0	0.0191	0.0238	0.0300	0.0438	0.0514	0.0647	0.0849	0.1093	1.0000
RP10/A	0.0	0.0	0.0279	0.0347	0.0437	0.0639	0.0749	0.0942	0.1238	0.1593	1.3850
RP25/A	0.0	0.0	0.0326	0.0406	0.0511	0.0747	0.0875	0.1102	0.1448	0.1863	1.5559
RP50/A	0.0	0.0	0.0360	0.0448	0.0564	0.0824	0.0966	0.1217	0.1598	0.2057	1.6725
RP100/A	0.0	0.0	0.0393	0.0489	0.0615	0.0899	0.1054	0.1327	0.1743	0.2244	1.7815
RP1000/A	0.0	0.0	0.0496	0.0617	0.0777	0.1137	0.1332	0.1677	0.2203	0.2835	2.1090
RP10000/A	0.0	0.0	0.0595	0.0740	0.0931	0.1362	0.1597	0.2010	0.2641	0.3399	2.4030
PMP/A	0.0	0.0	0.1171	0.1456	0.1832	0.2680	0.3141	0.3954	0.5194	0.6685	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
850 5352 0	MARIPOSA CDF	2100	15	055	18E	F	M	37.501	119.985	MARIPOSA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
1961	*****	*****	0.28	0.49	0.62	0.94	1.05	1.15	1.56	2.74	10.09
1962	*****	*****	0.29	0.37	0.50	0.72	0.79	1.40	2.57	2.99	29.86
1963	*****	*****	0.32	0.43	0.63	1.07	1.44	2.42	2.88	4.90	35.71
1964	*****	*****	0.45	0.52	0.58	0.80	0.97	1.66	2.35	2.82	20.61
1965	*****	*****	0.22	0.36	0.68	0.68	0.95	1.76	2.48	3.44	37.21
1966	*****	*****	0.23	0.45	0.65	1.00	1.23	1.84	2.00	2.65	22.45
1967	*****	*****	0.22	0.30	0.55	0.74	0.99	1.32	2.44	3.23	39.64
1968	*****	*****	0.17	0.26	0.49	0.76	0.87	1.14	1.98	2.40	19.30
1969	*****	*****	0.18	0.30	0.51	0.96	1.43	2.19	3.50	5.53	51.02
1970	*****	*****	0.31	0.44	0.57	0.73	0.89	1.18	1.64	2.44	28.78
1971	*****	*****	0.52	0.57	0.50	1.02	1.13	1.30	1.56	2.09	21.40
1972	*****	*****	0.17	0.23	0.49	0.67	0.84	1.02	1.24	2.16	13.97
1973	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	31.92
1974	*****	*****	0.42	0.53	0.86	0.95	1.52	2.22	3.13	3.15	28.56

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
850 5352 0	MARIPOSA CDF	2100	15	055	18E	F	M	37.501	119.985	MARIPOSA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
2	0.0	0.0	0.27	0.38	0.57	0.80	1.02	1.49	2.12	2.93	27.22
5	0.0	0.0	0.37	0.51	0.76	1.07	1.36	1.99	2.83	3.91	34.46
10	0.0	0.0	0.42	0.59	0.88	1.24	1.58	2.31	3.29	4.54	38.63
20	0.0	0.0	0.48	0.66	0.99	1.40	1.79	2.61	3.71	5.13	42.30
25	0.0	0.0	0.50	0.69	1.03	1.45	1.85	2.70	3.85	5.31	43.40
40	0.0	0.0	0.51	0.70	1.04	1.47	1.88	2.75	3.91	5.40	45.63
50	0.0	0.0	0.55	0.76	1.13	1.60	2.04	2.98	4.24	5.86	46.65
100	0.0	0.0	0.60	0.83	1.24	1.74	2.23	3.25	4.63	6.40	49.69
200	0.0	0.0	0.65	0.90	1.34	1.88	2.41	3.52	5.01	6.92	52.58
1000	0.0	0.0	0.76	1.05	1.56	2.20	2.81	4.11	5.85	8.08	58.83
10000	0.0	0.0	0.91	1.26	1.87	2.64	3.37	4.93	7.01	9.69	67.03
PMP	0.0	0.0	1.78	2.47	3.68	5.19	6.63	9.69	13.80	19.06	149.65
MEAN	0.0	0.0	0.292	0.404	0.602	0.849	1.085	1.585	2.256	3.117	27.894
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.845	-0.122	1.447	0.192	0.718	0.597	0.289	1.551	0.382
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.471 ; INTERCEPT (TIME=1 HOUR) =0.597 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.02142 ; AVERAGE CALC CV / USED CV = 0.75

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
KURTOSIS	0.0	0.0	3.467	2.520	4.871	2.025	2.828	2.692	3.038	5.440	3.733
N	0	0	13	13	13	13	13	13	13	13	14
RECORD YEAR	0	0	1971	1971	1971	1963	1974	1963	1969	1969	1969
RECORD MAXIMUM	0.0	0.0	0.520	0.570	0.900	1.070	1.520	2.420	3.500	5.530	51.020
NORMALIZED MAX	0.0	0.0	2.037	1.516	2.190	1.544	1.765	1.786	1.852	2.358	2.117
CALC. COEF. VAR	0.0	0.0	0.385	0.271	0.226	0.168	0.227	0.295	0.298	0.328	0.392
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0	0.0105	0.0145	0.0216	0.0304	0.0389	0.0568	0.0809	0.1117	1.0000
RP10/A	0.0	0.0	0.0152	0.0211	0.0315	0.0444	0.0567	0.0828	0.1179	0.1628	1.3850
RP25/A	0.0	0.0	0.0178	0.0247	0.0368	0.0519	0.0663	0.0968	0.1379	0.1905	1.5559
RP50/A	0.0	0.0	0.0197	0.0272	0.0406	0.0573	0.0732	0.1069	0.1522	0.2102	1.6725
RP100/A	0.0	0.0	0.0215	0.0297	0.0443	0.0625	0.0798	0.1166	0.1660	0.2294	1.7815
RP1000/A	0.0	0.0	0.0271	0.0376	0.0560	0.0790	0.1008	0.1473	0.2098	0.2898	2.1090
RP10000/A	0.0	0.0	0.0325	0.0450	0.0671	0.0947	0.1209	0.1766	0.2515	0.3474	2.4030
PMP/A	0.0	0.0	0.0639	0.0885	0.1320	0.1862	0.2378	0.3474	0.4946	0.6833	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. ASN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
850 9482 0	WAWONA RS	3985	34	04S	21E		M	37.550	119.650	MARIPOSA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.10	0.15	0.24	0.38	0.67	1.17	1.56	2.57	4.21	5.05	64.16
1941	0.10	0.12	0.14	0.24	0.45	0.87	1.29	2.00	2.61	3.65	56.39
1942	0.19	0.28	0.41	0.53	0.62	0.82	0.87	1.14	1.92	3.43	35.54
1943	0.25	0.30	0.36	0.43	0.68	1.04	1.37	2.50	4.32	7.76	40.50
1944	0.13	0.19	0.25	0.32	0.42	0.68	0.75	1.44	2.24	3.64	40.63
1945	0.18	0.20	0.24	0.47	0.68	1.23	1.91	3.48	5.87	9.16	51.93
1946	0.13	0.19	0.23	0.32	0.50	0.89	1.24	2.42	4.25	6.33	37.71
1947	0.12	0.16	0.20	0.26	0.34	0.50	0.58	1.01	1.43	2.12	17.58
1948	0.05	0.08	0.12	0.18	0.32	0.58	0.79	1.45	2.31	3.70	34.96
1949	0.17	0.18	0.20	0.21	0.35	0.68	0.95	1.72	2.44	3.10	27.76
1950	0.22	0.25	0.31	0.55	0.85	1.40	1.78	3.29	6.11	9.41	55.36
1951	0.10	0.15	0.19	0.32	0.47	0.79	1.13	1.66	2.68	3.47	37.41
1952	0.10	0.14	0.19	0.23	0.36	0.68	0.85	1.40	2.00	3.18	46.73
1953	0.09	0.13	0.19	0.34	0.48	0.71	1.06	1.87	2.76	2.80	22.08
1954	0.15	0.22	0.24	0.24	0.39	0.49	0.77	1.32	1.96	3.67	36.40
1955	0.12	0.20	0.35	0.50	0.90	1.70	2.40	4.08	5.16	7.06	52.40
1956	0.11	0.18	0.29	0.35	0.49	0.85	1.15	1.75	2.61	4.56	27.00
1957	0.08	0.14	0.20	0.35	0.47	1.03	1.32	2.34	2.88	3.88	37.42
1958	0.07	0.11	0.16	0.27	0.39	0.70	1.02	1.88	3.03	4.28	48.11
1959	0.24	0.27	0.29	0.31	0.39	0.78	1.09	1.68	2.92	4.61	30.76
1960	0.20	0.26	0.30	0.36	0.47	0.82	1.17	1.85	3.23	3.61	35.92
1961	0.10	0.12	0.13	0.21	0.32	0.45	0.63	0.93	1.58	1.95	23.31
1962	0.09	0.16	0.21	0.34	0.59	0.96	1.32	2.28	4.13	6.56	38.70
1963	0.18	0.20	0.23	0.40	0.74	1.38	1.83	3.04	4.86	8.87	52.97
1964	0.10	0.18	0.21	0.30	0.41	0.72	1.00	1.66	2.32	3.17	40.39
1965	0.13	0.17	0.24	0.32	0.37	0.69	0.99	1.57	2.42	3.69	44.50
1966	0.04	0.07	0.08	0.15	0.24	0.34	0.48	0.54	0.72	0.89	33.35
1967	0.15	0.30	0.44	0.48	0.51	0.73	0.94	1.54	2.49	3.26	48.15
1968	0.15	0.29	0.34	0.39	0.53	0.60	0.67	1.20	1.63	2.07	30.65
1969	0.12	0.15	0.23	0.40	0.64	0.92	1.27	2.37	3.80	5.69	64.72
1970	0.20	0.25	0.28	0.36	0.45	0.86	1.22	1.91	3.05	4.17	47.52
1971	*****	*****	*****	*****	0.60	1.10	1.60	2.80	3.50	4.40	33.78
1972	*****	*****	*****	*****	0.30	0.50	0.70	1.20	2.10	3.00	23.80
1973	*****	*****	0.50	0.50	0.50	0.90	1.40	2.20	2.80	3.70	46.90
1974	*****	*****	0.40	0.40	0.80	0.90	1.00	1.60	2.80	4.70	34.80

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
850 9482 0	WAWONA RS	3985	34	04S	21E		M	37.550	119.650	MARIPOSA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.18	0.24	0.32	0.48	0.79	1.08	1.82	2.82	4.13	39.04
5	0.17	0.23	0.32	0.43	0.64	1.06	1.44	2.43	3.77	5.52	49.42
10	0.20	0.27	0.37	0.50	0.74	1.23	1.67	2.82	4.38	6.42	55.41
20	0.22	0.31	0.42	0.57	0.84	1.39	1.89	3.18	4.94	7.25	60.66
25	0.23	0.32	0.43	0.59	0.87	1.43	1.95	3.30	5.12	7.50	62.25
40	0.23	0.32	0.44	0.60	0.88	1.46	1.99	3.35	5.21	7.63	65.45
50	0.25	0.35	0.48	0.65	0.96	1.58	2.16	3.64	5.65	8.28	66.91
100	0.28	0.38	0.52	0.71	1.04	1.73	2.35	3.97	6.17	9.04	71.28
200	0.30	0.41	0.56	0.77	1.13	1.87	2.54	4.29	6.67	9.77	75.41
1000	0.35	0.48	0.66	0.90	1.32	2.18	2.97	5.02	7.79	11.42	84.38
10000	0.42	0.58	0.79	1.07	1.58	2.62	3.56	6.01	9.34	13.69	96.14
PMP	0.82	1.14	1.55	2.11	3.11	5.15	7.01	11.83	18.37	26.92	214.64
MEAN	0.134	0.187	0.254	0.346	0.508	0.842	1.146	1.934	3.004	4.403	40.008
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.488	0.266	0.684	0.169	0.683	0.940	0.944	0.864	0.845	1.066	0.254
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.409 ; INTERCEPT (TIME=1 HOUR) =0.554 ; COEFFICIENT OF DETERMINATION = 0.987
1HR INTERCEPT / MEAN YR =0.01385 ; AVERAGE CALC CV / USED CV = 1.02

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	2.879	2.564	3.555	2.723	3.102	4.461	4.402	4.040	3.699	4.006	2.894
N	31	31	33	33	35	35	35	35	35	35	35
RECORD YEAR	1943	1943	1973	1950	1955	1955	1955	1955	1950	1950	1969
RECORD MAXIMUM	0.250	0.300	0.500	0.550	0.900	1.700	2.400	4.080	6.110	9.410	64.720
NORMILIZED MAX	2.174	1.788	2.582	2.000	2.415	2.974	3.024	2.821	2.520	2.476	2.141
CALC. COEF. VAR	0.397	0.339	0.374	0.295	0.319	0.343	0.362	0.393	0.410	0.459	0.288
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0034	0.0047	0.0064	0.0086	0.0127	0.0210	0.0286	0.0483	0.0751	0.1100	1.0000
RP10/A	0.0049	0.0068	0.0093	0.0126	0.0185	0.0307	0.0417	0.0704	0.1094	0.1604	1.3850
RP25/A	0.0057	0.0080	0.0108	0.0147	0.0217	0.0359	0.0488	0.0824	0.1280	0.1876	1.5559
RP50/A	0.0063	0.0088	0.0120	0.0163	0.0239	0.0396	0.0539	0.0909	0.1413	0.2070	1.6725
RP100/A	0.0069	0.0096	0.0130	0.0177	0.0261	0.0432	0.0588	0.0992	0.1541	0.2259	1.7815
RP1000/A	0.0087	0.0121	0.0165	0.0224	0.0330	0.0546	0.0743	0.1254	0.1947	0.2854	2.1090
RP10000/A	0.0104	0.0145	0.0198	0.0269	0.0395	0.0654	0.0890	0.1503	0.2334	0.3421	2.4030
PMP/A	0.0205	0.0285	0.0389	0.0528	0.0777	0.1287	0.1751	0.2956	0.4591	0.6729	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
850 9855 0	YOSEMITE N P	3985	20	02S	22E		M	37.750	119.583	MARIPOSA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	0.38	0.72	0.89	1.03	1.10	1.10	1.20	1.63	1.94	2.38	49.61
1942	0.09	0.09	0.09	0.15	0.26	0.48	0.67	1.07	2.09	3.64	40.53
1943	0.07	0.13	0.16	0.28	0.42	0.83	1.17	2.12	3.22	5.22	34.01
1944	0.04	0.07	0.11	0.19	0.30	0.55	0.77	1.14	1.85	2.62	38.62
1945	0.09	0.15	0.19	0.30	0.49	0.80	1.11	2.22	4.15	5.13	47.66
1946	0.10	0.16	0.21	0.26	0.38	0.65	0.86	1.42	2.62	4.48	33.11
1947	0.20	0.26	0.29	0.33	0.33	0.46	0.62	0.96	1.41	1.72	18.77
1948	0.10	0.12	0.12	0.15	0.26	0.44	0.61	1.09	1.96	2.87	33.90
1949	0.53	0.58	0.60	0.64	0.66	0.66	0.66	1.04	1.65	2.59	28.13
1950	0.15	0.18	0.33	0.39	0.47	0.87	1.27	2.51	4.81	5.57	57.83
1951	0.14	0.20	0.22	0.24	0.30	0.67	0.81	1.24	1.96	2.48	35.87
1952	*****	*****	*****	*****	0.32	0.59	0.75	1.18	2.17	2.74	38.35
1953	0.22	0.28	0.33	0.46	0.50	0.54	0.82	1.46	2.09	2.19	22.07
1954	0.08	0.13	0.16	0.20	0.31	0.56	0.82	1.57	2.52	3.34	35.21
1955	0.08	0.14	0.18	0.35	0.54	0.88	1.35	2.58	4.56	6.83	52.14
1956	0.10	0.20	0.26	0.33	0.38	0.49	0.66	1.22	2.04	2.69	27.88
1957	0.09	0.11	0.12	0.20	0.36	0.63	0.85	1.27	1.76	2.37	33.71
1958	0.15	0.18	0.19	0.22	0.41	0.66	0.88	1.47	2.44	3.24	40.11
1959	0.18	0.34	0.42	0.47	0.49	0.63	0.83	1.37	2.39	3.71	26.18
1960	0.06	0.10	0.12	0.21	0.41	0.70	0.75	1.19	1.97	2.41	29.66
1961	0.09	0.13	0.20	0.25	0.40	0.50	0.51	0.82	1.38	1.99	20.90
1962	0.08	0.10	0.11	0.19	0.35	0.60	0.82	1.60	2.78	4.68	32.20
1963	0.08	0.10	0.18	0.35	0.52	0.87	1.16	2.14	3.96	6.60	47.41
1964	0.10	0.14	0.18	0.28	0.46	0.86	1.11	2.11	3.84	5.80	43.42
1965	0.17	0.25	0.26	0.26	0.32	0.55	0.76	1.04	1.82	2.89	36.53
1966	0.13	0.14	0.15	0.20	0.32	0.63	0.93	1.60	2.57	4.28	25.92
1967	0.09	0.11	0.12	0.23	0.30	0.56	0.72	1.06	1.76	2.94	45.35
1968	0.04	0.08	0.11	0.19	0.26	0.39	0.64	1.08	1.48	2.13	31.44
1969	0.09	0.14	0.15	0.25	0.36	0.66	0.92	1.48	2.50	4.02	56.44
1970	0.07	0.11	0.13	0.23	0.33	0.59	0.83	1.36	2.31	2.97	44.04
1971	0.08	0.10	0.12	0.20	0.33	0.50	0.65	1.09	1.92	2.52	38.90
1972	0.14	0.19	0.21	0.38	0.43	0.46	0.61	0.91	1.27	1.58	24.01
1973	*****	*****	*****	*****	0.31	0.57	0.78	1.27	2.06	3.27	45.90
1974	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	29.00

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
850 9855 0	YOSEMITE N P	3985	20	02S	22E		M	37.750	119.583	MARIPOSA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.17	0.21	0.28	0.38	0.60	0.79	1.35	2.25	3.24	35.72
5	0.16	0.23	0.28	0.38	0.51	0.80	1.06	1.80	3.01	4.33	45.22
10	0.19	0.27	0.32	0.44	0.59	0.93	1.23	2.09	3.50	5.03	50.70
20	0.21	0.30	0.37	0.50	0.67	1.05	1.39	2.36	3.95	5.68	55.51
25	0.22	0.32	0.38	0.52	0.69	1.09	1.44	2.44	4.09	5.88	56.95
40	0.22	0.32	0.39	0.53	0.70	1.10	1.47	2.48	4.16	5.98	59.88
50	0.24	0.35	0.42	0.57	0.76	1.20	1.59	2.70	4.51	6.49	61.22
100	0.27	0.38	0.46	0.62	0.83	1.31	1.74	2.94	4.92	7.08	65.22
200	0.29	0.41	0.49	0.67	0.90	1.41	1.88	3.18	5.32	7.66	69.00
1000	0.34	0.48	0.58	0.79	1.05	1.65	2.19	3.72	6.22	8.95	77.20
10000	0.40	0.57	0.69	0.94	1.26	1.98	2.63	4.46	7.46	10.73	87.97
PMP	0.79	1.13	1.36	1.86	2.48	3.90	5.17	8.77	14.67	21.10	196.39

MEAN	0.129	0.185	0.223	0.304	0.405	0.637	0.845	1.434	2.398	3.451	36.606
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.861	2.752	2.831	2.913	3.017	1.048	0.840	1.130	1.337	0.978	0.285
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.492 ; INTERCEPT (TIME=1 HOUR) =0.448 ; COEFFICIENT OF DETERMINATION = 0.993
1HR INTERCEPT / MEAN YR =0.01222 ; AVERAGE CALC CV / USED CV = 1.55

KURTOSIS	12.289	11.077	12.268	13.464	15.066	4.078	3.166	3.677	4.261	3.323	2.722
N	31	31	31	31	33	33	33	33	33	33	34
RECORD YEAR	1949	1941	1941	1941	1941	1941	1955	1955	1950	1955	1950
RECORD MAXIMUM	0.530	0.720	0.890	1.030	1.100	1.100	1.350	2.580	4.810	6.830	57.830
NORMALIZED MAX	4.043	3.823	4.083	4.237	4.471	2.832	2.388	2.485	2.638	2.429	2.126
CALC. COEF. VAR	0.766	0.757	0.733	0.665	0.383	0.256	0.250	0.322	0.381	0.403	0.273
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291

MEAN/A	0.0035	0.0050	0.0061	0.0083	0.0111	0.0174	0.0231	0.0392	0.0655	0.0943	1.0000
RP10/A	0.0051	0.0074	0.0089	0.0121	0.0161	0.0254	0.0337	0.0571	0.0955	0.1374	1.3850
RP25/A	0.0060	0.0086	0.0104	0.0141	0.0189	0.0297	0.0394	0.0668	0.1117	0.1607	1.5559
RP50/A	0.0066	0.0095	0.0115	0.0156	0.0208	0.0328	0.0435	0.0737	0.1233	0.1774	1.6725
RP100/A	0.0073	0.0104	0.0125	0.0170	0.0227	0.0357	0.0474	0.0804	0.1345	0.1935	1.7815
RP1000/A	0.0092	0.0131	0.0158	0.0215	0.0287	0.0452	0.0599	0.1016	0.1699	0.2445	2.1090
RP10000/A	0.0110	0.0157	0.0189	0.0258	0.0344	0.0541	0.0718	0.1218	0.2037	0.2931	2.4030
PMP/A	0.0216	0.0309	0.0372	0.0507	0.0677	0.1065	0.1412	0.2395	0.4007	0.5765	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
860 1588 0	CATHAY	1425	24	065	17E	H	M	37.399	120.052	MARIPOSA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.20	0.27	0.32	0.41	0.74	1.01	1.11	1.29	1.94	2.48	24.48
1941	0.24	0.37	0.40	0.47	0.53	0.67	0.85	1.12	1.85	2.31	26.27
1942	0.22	0.26	0.36	0.45	0.52	0.60	0.69	0.95	1.41	1.85	17.40
1943	0.23	0.25	0.26	0.36	0.40	0.51	0.58	0.76	1.08	1.62	16.75
1944	0.18	0.31	0.38	0.52	0.53	0.55	0.65	0.99	1.47	2.00	20.39
1945	0.35	0.46	0.49	0.55	0.59	0.76	0.78	1.05	1.39	1.98	21.89
1946	0.24	0.38	0.40	0.42	0.64	0.74	0.81	1.21	1.65	1.95	18.76
1947	0.11	0.18	0.25	0.41	0.49	0.50	0.52	0.63	0.76	0.91	8.23
1948	0.12	0.18	0.21	0.30	0.40	0.50	0.60	1.00	1.35	1.82	17.89
1949	0.15	0.30	0.39	0.48	0.65	0.92	0.99	1.15	1.19	1.66	13.37
1950	0.22	0.24	0.28	0.53	0.86	1.30	1.64	2.50	4.09	6.28	29.75
1951	0.17	0.20	0.26	0.40	0.56	0.75	0.84	1.15	1.98	2.18	19.49
1952	0.30	0.48	0.51	0.70	1.04	1.30	1.36	1.42	1.98	2.11	29.38
1953	0.23	0.25	0.30	0.46	0.68	0.72	0.96	1.45	1.86	2.37	13.01
1954	0.10	0.15	0.21	0.36	0.38	0.53	0.60	0.98	1.27	1.80	19.07
1955	0.16	0.27	0.38	0.42	0.56	0.90	1.23	2.01	3.23	4.86	29.44
1956	0.13	0.17	0.19	0.24	0.44	0.48	0.49	0.72	0.82	1.02	12.38
1957	0.27	0.30	0.31	0.41	0.77	0.94	1.06	1.24	1.24	1.49	20.88
1958	0.17	0.25	0.32	0.38	0.49	0.68	0.80	1.20	1.74	1.95	25.82
1959	0.28	0.34	0.45	0.54	0.63	0.77	0.92	0.99	1.12	1.72	14.90
1960	0.40	0.60	0.67	0.76	0.79	0.83	0.84	0.86	1.69	2.12	20.53
1961	0.06	0.11	0.15	0.22	0.31	0.46	0.50	0.78	0.95	1.40	12.17
1962	0.11	0.16	0.21	0.38	0.64	0.94	1.23	1.72	2.45	2.69	20.26
1963	0.29	0.42	0.50	0.85	1.12	1.15	1.15	1.22	1.43	2.36	23.65
1964	0.17	0.21	0.24	0.30	0.45	0.70	1.07	1.45	2.23	2.52	21.85
1965	0.11	0.14	0.17	0.31	0.51	0.80	1.06	1.63	1.67	2.07	21.10
1966	0.05	0.10	0.12	0.20	0.31	0.47	0.64	0.89	1.43	2.23	11.70
1967	0.23	0.43	0.48	0.55	0.58	0.58	0.62	0.91	1.47	1.75	23.81
1968	0.12	0.15	0.22	0.29	0.37	0.42	0.50	0.73	1.14	1.25	17.01
1969	0.12	0.18	0.21	0.26	0.37	0.64	0.87	1.31	1.76	2.66	31.82
1970	0.23	0.28	0.31	0.41	0.52	0.58	0.58	0.95	1.61	1.87	22.14
1971	*****	*****	*****	*****	0.40	0.50	0.60	0.80	1.10	1.40	13.34
1972	*****	*****	*****	*****	0.40	0.50	0.70	0.90	1.20	1.90	14.00
1973	*****	*****	0.20	0.30	0.40	0.70	0.90	1.40	1.80	2.60	26.90
1974	*****	*****	0.20	0.30	0.50	0.60	0.70	1.30	2.10	2.10	22.44

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
860 1588 0	CATHAY	1425	24	065	17E	H	M	37.399	120.052	MARIPOSA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.18	0.25	0.29	0.40	0.52	0.67	0.79	1.09	1.54	2.01	19.58
5	0.24	0.34	0.39	0.53	0.70	0.90	1.05	1.46	2.06	2.69	24.78
10	0.28	0.39	0.46	0.62	0.81	1.04	1.22	1.69	2.39	3.13	27.79
20	0.32	0.45	0.52	0.70	0.92	1.18	1.38	1.91	2.70	3.53	30.42
25	0.33	0.46	0.53	0.73	0.95	1.22	1.43	1.98	2.80	3.66	31.22
40	0.33	0.47	0.54	0.74	0.97	1.24	1.46	2.01	2.84	3.72	32.82
50	0.36	0.51	0.59	0.80	1.05	1.34	1.58	2.19	3.09	4.04	33.56
100	0.39	0.56	0.64	0.87	1.15	1.47	1.73	2.38	3.37	4.40	35.75
200	0.43	0.60	0.70	0.94	1.24	1.59	1.87	2.58	3.64	4.76	37.82
1000	0.50	0.70	0.81	1.10	1.45	1.85	2.18	3.01	4.26	5.56	42.32
10000	0.60	0.84	0.98	1.32	1.74	2.22	2.61	3.61	5.10	6.67	48.22
PMP	1.18	1.65	1.92	2.60	3.42	4.37	5.14	7.10	10.04	13.12	107.65
MEAN	0.192	0.271	0.314	0.425	0.559	0.714	0.841	1.162	1.641	2.145	20.065
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.474	0.881	0.819	0.999	1.263	1.068	0.903	1.519	1.955	2.913	0.083
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.594 ; INTERCEPT (TIME=1 HOUR) =0.548 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.02732 ; AVERAGE CALC CV / USED CV = 1.09

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.242	3.756	3.663	4.409	4.898	3.909	3.869	6.471	8.619	13.539	2.624
N	31	31	33	33	35	35	35	35	35	35	35
RECORD YEAR	1960	1960	1960	1963	1963	1950	1950	1950	1950	1950	1969
RECORD MAXIMUM	0.400	0.600	0.670	0.850	1.120	1.300	1.640	2.500	4.090	6.280	31.820
NORMILIZED MAX	2.511	2.767	2.840	2.848	2.973	2.650	2.931	3.482	3.775	4.259	2.013
CALC. COEF. VAR	0.430	0.440	0.400	0.350	0.337	0.322	0.324	0.331	0.395	0.453	0.291
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0096	0.0135	0.0156	0.0212	0.0279	0.0356	0.0419	0.0579	0.0818	0.1069	1.0000
RP10/A	0.0140	0.0197	0.0228	0.0309	0.0406	0.0519	0.0610	0.0844	0.1192	0.1558	1.3850
RP25/A	0.0163	0.0230	0.0266	0.0361	0.0475	0.0607	0.0714	0.0987	0.1394	0.1822	1.5559
RP50/A	0.0180	0.0254	0.0294	0.0399	0.0524	0.0670	0.0788	0.1089	0.1539	0.2011	1.6725
RP100/A	0.0197	0.0277	0.0321	0.0435	0.0572	0.0731	0.0860	0.1188	0.1679	0.2194	1.7815
RP1000/A	0.0249	0.0350	0.0405	0.0550	0.0723	0.0923	0.1087	0.1502	0.2122	0.2773	2.1090
RP10000/A	0.0298	0.0419	0.0486	0.0659	0.0866	0.1107	0.1302	0.1800	0.2543	0.3324	2.4030
PMP/A	0.0586	0.0825	0.0956	0.1297	0.1704	0.2177	0.2562	0.3540	0.5002	0.6538	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
860 9639 80	WHITE ROCK PRESTON	984	07	07S	18E	K	M	37.337	120.038	MARIPOSA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
1961	*****	*****	0.43	0.48	0.55	0.75	0.76	1.08	1.18	1.36	8.05
1962	*****	*****	0.27	0.32	0.42	0.58	0.68	0.92	1.41	2.10	18.44
1963	*****	*****	0.22	0.38	0.61	0.78	1.18	1.60	2.28	2.46	18.87
1964	*****	*****	0.25	0.32	0.61	0.80	0.86	1.10	1.27	1.40	12.65
1965	*****	*****	0.18	0.22	0.42	0.68	0.93	1.24	1.88	2.18	19.86
1966	*****	*****	0.60	0.98	1.25	1.45	1.67	1.76	2.19	2.19	18.04
1967	*****	*****	0.32	0.43	0.56	0.85	0.86	1.14	1.64	2.45	23.77
1968	*****	*****	0.22	0.30	0.40	0.50	0.59	0.70	1.02	1.16	11.15
1969	*****	*****	0.41	0.46	0.54	0.71	0.95	1.26	1.57	2.33	32.74
1970	*****	*****	0.26	0.29	0.44	0.64	0.67	0.92	1.54	1.68	17.21
1971	*****	*****	0.23	0.26	0.47	0.52	0.52	0.82	0.98	0.98	11.22
1972	*****	*****	0.22	0.24	0.29	0.37	0.44	0.54	0.88	1.45	7.91
1973	*****	*****	0.18	0.25	0.36	0.55	0.62	0.90	1.62	2.32	23.67
1974	*****	*****	0.20	0.26	0.31	0.57	0.80	1.17	1.93	1.93	20.20

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
860 9639 80	WHITE ROCK PRESTON	984	07	07S	18E	K	M	37.337	120.038	MARIPOSA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
2	0.0	0.0	0.27	0.35	0.48	0.65	0.77	1.04	1.43	1.74	16.99
5	0.0	0.0	0.36	0.46	0.65	0.87	1.03	1.38	1.92	2.33	21.51
10	0.0	0.0	0.42	0.54	0.75	1.01	1.20	1.61	2.23	2.71	24.12
20	0.0	0.0	0.47	0.61	0.85	1.15	1.36	1.82	2.51	3.06	26.40
25	0.0	0.0	0.49	0.63	0.88	1.19	1.40	1.88	2.60	3.16	27.09
40	0.0	0.0	0.49	0.64	0.90	1.21	1.43	1.91	2.65	3.22	28.48
50	0.0	0.0	0.54	0.70	0.97	1.31	1.55	2.08	2.87	3.49	29.12
100	0.0	0.0	0.58	0.76	1.06	1.43	1.69	2.27	3.14	3.81	31.02
200	0.0	0.0	0.63	0.82	1.15	1.55	1.83	2.45	3.39	4.12	32.82
1000	0.0	0.0	0.74	0.96	1.34	1.81	2.14	2.86	3.96	4.81	36.72
10000	0.0	0.0	0.89	1.15	1.61	2.17	2.56	3.43	4.75	5.77	41.84
PMP	0.0	0.0	1.74	2.27	3.16	4.26	5.04	6.75	9.34	11.35	93.42
MEAN	0.0	0.0	0.285	0.371	0.516	0.696	0.824	1.104	1.528	1.856	17.413
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.720	2.661	2.548	2.058	1.618	0.972	0.212	-0.400	0.523
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.567 ; INTERCEPT (TIME=1 HOUR) =0.513 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.02945 ; AVERAGE CALC CV / USED CV = 1.25

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
KURTOSIS	0.0	0.0	6.201	11.196	11.061	9.181	6.905	4.233	2.816	2.314	4.036
N	0	0	14	14	14	14	14	14	14	14	14
RECORD YEAR	0	0	1966	1966	1966	1966	1966	1966	1963	1963	1969
RECORD MAXIMUM	0.0	0.0	0.600	0.980	1.250	1.450	1.670	1.760	2.280	2.460	32.740
NORMILIZED MAX	0.0	0.0	2.647	3.137	3.122	2.959	2.721	2.209	1.718	1.191	2.237
CALC. COEF. VAR	0.0	0.0	0.418	0.524	0.455	0.366	0.378	0.269	0.287	0.273	0.393
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0	0.0164	0.0213	0.0297	0.0400	0.0473	0.0634	0.0877	0.1066	1.0000
RP10/A	0.0	0.0	0.0239	0.0310	0.0432	0.0583	0.0689	0.0924	0.1279	0.1554	1.3850
RP25/A	0.0	0.0	0.0279	0.0363	0.0505	0.0682	0.0806	0.1080	0.1496	0.1817	1.5559
RP50/A	0.0	0.0	0.0308	0.0401	0.0558	0.0752	0.0890	0.1192	0.1651	0.2006	1.6725
RP100/A	0.0	0.0	0.0336	0.0437	0.0609	0.0821	0.0971	0.1301	0.1801	0.2188	1.7815
RP1000/A	0.0	0.0	0.0425	0.0552	0.0769	0.1037	0.1227	0.1644	0.2276	0.2765	2.1090
RP10000/A	0.0	0.0	0.0509	0.0662	0.0922	0.1243	0.1470	0.1970	0.2728	0.3315	2.4030
PMP/A	0.0	0.0	0.1001	0.1302	0.1814	0.2446	0.2892	0.3875	0.5365	0.6519	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (INITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT RMM	LATITUDE	LONGITUDE	COUNTY
F60 2084 0	COVELO R S	1514	28	23N	11W M	39.833	123.083	MENDOCINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	0.35	0.46	0.65	1.20	1.84	2.73	2.82	2.85	2.85	2.85	51.89
1942	0.07	0.08	0.12	0.22	0.37	0.61	0.79	1.16	1.84	3.01	40.95
1943	0.11	0.13	0.16	0.28	0.40	0.62	0.90	1.60	2.51	3.91	30.49
1944	0.08	0.10	0.15	0.19	0.27	0.47	0.66	1.12	1.78	2.63	36.37
1945	0.10	0.12	0.15	0.23	0.34	0.51	0.63	0.89	1.37	2.48	44.66
1946	0.06	0.09	0.13	0.21	0.41	0.62	0.77	1.43	2.37	2.90	21.78
1947	0.32	0.33	0.34	0.38	0.51	0.85	1.04	1.29	1.79	2.30	28.17
1948	0.40	0.49	0.50	0.50	0.50	0.52	0.56	0.88	1.28	2.40	40.28
1949	*****	*****	0.14	0.25	0.43	0.62	0.77	1.06	1.58	2.20	23.36
1950	*****	*****	0.22	0.30	0.35	0.78	0.92	1.29	1.91	3.60	51.22
1951	*****	*****	0.24	0.28	0.46	0.64	0.88	1.47	2.51	4.08	49.56
1952	*****	*****	0.30	0.30	0.37	0.59	0.85	1.70	2.11	3.10	43.52
1953	*****	*****	0.16	0.23	0.39	0.55	0.62	1.16	1.74	2.57	38.22
1954	*****	*****	0.13	0.25	0.44	0.73	0.93	1.20	1.85	3.64	47.40
1955	*****	*****	0.16	0.30	0.50	0.88	1.30	2.45	3.70	5.46	37.13
1956	*****	*****	0.25	0.38	0.50	0.67	0.90	1.25	2.00	2.85	38.40
1957	*****	*****	0.48	0.54	0.65	0.81	1.02	1.45	2.11	2.99	48.44
1958	*****	*****	0.27	0.52	1.00	1.00	1.37	1.37	1.98	2.53	47.20
1959	*****	*****	0.15	0.30	0.38	0.63	0.83	1.15	1.65	1.90	22.67
1960	*****	*****	0.15	0.25	0.46	0.65	0.90	1.80	2.96	4.37	44.81
1961	*****	*****	0.20	0.31	0.45	0.67	0.92	1.75	2.75	3.49	35.33
1962	*****	*****	0.12	0.22	0.38	0.68	0.90	1.75	2.70	3.35	37.36
1963	*****	*****	0.08	0.14	0.25	0.46	0.66	1.03	1.33	2.14	37.95
1964	*****	*****	0.16	0.25	0.39	0.70	0.99	1.69	3.18	4.97	48.86
1965	*****	*****	0.16	0.28	0.50	0.80	0.90	1.10	1.78	2.34	32.29
1966	*****	*****	0.16	0.29	0.40	0.70	0.82	1.51	2.93	4.69	37.56
1967	*****	*****	0.11	0.20	0.35	0.60	0.83	1.30	2.15	2.65	37.84
1968	*****	*****	0.12	0.22	0.34	0.53	0.66	1.14	1.92	2.74	48.15
1969	*****	*****	0.20	0.33	0.41	0.55	0.90	1.35	2.45	3.90	43.92
1970	*****	*****	0.31	0.40	0.51	0.71	0.82	1.28	2.25	3.10	51.59
1971	*****	*****	0.15	0.22	0.29	0.50	0.65	1.15	2.04	2.64	34.11
1972	*****	*****	0.32	0.40	0.61	0.86	1.09	1.31	2.02	2.85	35.28
1973	*****	*****	*****	*****	0.40	0.60	0.70	1.10	1.60	2.40	55.10
1974	*****	*****	0.10	0.20	0.40	0.70	0.90	1.50	2.70	4.10	40.70

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT RMM	LATITUDE	LONGITUDE	COUNTY
F60 2084 0	COVELO R S	1514	28	23N	11W M	39.833	123.083	MENDOCIND

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.17	0.21	0.20	0.30	0.45	0.68	0.86	1.31	2.03	2.95	39.36
5	0.23	0.28	0.27	0.40	0.60	0.91	1.16	1.76	2.73	3.98	48.84
10	0.27	0.33	0.31	0.47	0.70	1.06	1.35	2.06	3.18	4.63	54.22
20	0.31	0.37	0.36	0.53	0.80	1.20	1.53	2.33	3.60	5.25	58.88
25	0.32	0.39	0.37	0.55	0.82	1.25	1.58	2.41	3.73	5.44	60.27
40	0.33	0.39	0.37	0.56	0.84	1.27	1.61	2.45	3.79	5.53	*63.08
50	0.36	0.43	0.41	0.61	0.91	1.38	1.75	2.67	4.12	6.01	64.36
100	0.39	0.47	0.44	0.67	1.00	1.50	1.91	2.91	4.50	6.56	68.16
200	0.42	0.51	0.48	0.72	1.08	1.63	2.07	3.15	4.87	7.11	71.75
1000	0.49	0.59	0.56	0.85	1.26	1.91	2.42	3.69	5.71	8.32	79.45
10000	0.59	0.71	0.68	1.02	1.52	2.29	2.91	4.43	6.85	9.99	89.45
RMP	1.17	1.41	1.34	2.01	2.99	4.52	5.75	8.76	13.54	19.74	201.18
MEAN	0.186	0.225	0.213	0.320	0.478	0.722	0.918	1.398	2.161	3.151	40.075
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.687	0.844	1.935	3.639	4.120	4.861	4.040	1.945	0.661	0.976	-0.405
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.534 ; INTERCEPT (TIME=1 HOUR) =0.498 ; COEFFICIENT OF DETERMINATION = 0.967
1MR INTERCEPT / MEAN YR =0.01243 ; AVERAGE CALC CV / USED CV = 1.72

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	2.707	3.116	6.960	19.174	22.098	28.723	22.520	8.076	3.381	3.596	2.897
N	8	8	33	33	34	34	34	34	34	34	34
RECORD YEAR	1948	1948	1941	1941	1941	1941	1941	1941	1955	1955	1973
RECORD MAXIMUM	0.400	0.490	0.650	1.200	1.840	2.730	2.820	2.850	3.700	5.460	55.100
NORMILIZED MAX	1.488	1.525	3.433	4.769	4.972	5.338	5.014	3.614	2.703	2.680	1.746
CALC. COEF. VAR	0.771	0.772	0.596	0.576	0.573	0.521	0.413	0.287	0.263	0.273	0.215
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0046	0.0056	0.0053	0.0080	0.0119	0.0180	0.0229	0.0349	0.0539	0.0786	1.0000
RP10/A	0.0068	0.0083	0.0078	0.0118	0.0175	0.0265	0.0337	0.0513	0.0793	0.1156	1.3529
RP25/A	0.0080	0.0097	0.0092	0.0138	0.0206	0.0311	0.0395	0.0602	0.0930	0.1356	1.5039
RP50/A	0.0089	0.0107	0.0102	0.0152	0.0227	0.0344	0.0437	0.0665	0.1029	0.1500	1.6060
RP100/A	0.0097	0.0117	0.0111	0.0167	0.0248	0.0375	0.0477	0.0727	0.1124	0.1638	1.7009
RP1000/A	0.0123	0.0148	0.0141	0.0211	0.0315	0.0476	0.0605	0.0921	0.1424	0.2076	1.9825
RP10000/A	0.0147	0.0178	0.0169	0.0253	0.0378	0.0571	0.0726	0.1106	0.1710	0.2493	2.2320
RMP/A	0.0291	0.0352	0.0334	0.0501	0.0747	0.1128	0.1435	0.2185	0.3379	0.4926	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F60 4851 0	LAYTONVILLE	1640	1	21N	15W		M	39.700	123.483	MENDOCINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	*****	*****	0.25	0.32	0.59	1.00	1.37	2.20	3.33	4.97	70.23
1942	*****	*****	0.16	0.28	0.56	0.96	1.25	2.05	2.83	4.17	58.63
1943	*****	*****	0.25	0.48	0.95	1.89	2.50	3.80	5.78	8.30	43.84
1944	*****	*****	0.20	0.30	0.40	0.75	1.10	1.71	2.57	3.14	51.72
1945	*****	*****	0.19	0.29	0.42	0.82	1.01	1.66	3.07	5.16	65.72
1946	*****	*****	0.24	0.34	0.58	1.00	1.38	2.49	3.70	5.12	31.77
1947	*****	*****	0.24	0.39	0.61	1.21	1.74	2.64	3.40	4.37	38.77
1948	*****	*****	0.24	0.26	0.39	0.68	0.94	1.53	2.29	3.23	56.36
1949	*****	*****	0.29	0.39	0.65	1.17	1.47	1.91	3.00	3.57	33.75
1950	*****	*****	0.41	0.52	0.65	1.20	1.68	2.54	3.73	5.74	73.18
1951	*****	*****	0.23	0.34	0.50	0.98	1.41	2.40	3.85	5.55	66.84
1952	*****	*****	0.22	0.40	0.58	1.12	1.52	2.69	4.24	6.25	61.89
1953	*****	*****	0.19	0.29	0.55	0.95	1.24	1.92	3.21	5.34	54.74
1954	*****	*****	0.19	0.30	0.54	1.05	1.36	1.95	3.01	5.93	69.24
1955	*****	*****	0.37	0.52	0.95	1.82	2.50	4.46	7.55	10.55	60.01
1956	*****	*****	0.25	0.39	0.60	1.07	1.32	2.10	3.40	4.65	47.41
1957	*****	*****	0.29	0.44	0.62	0.94	1.37	2.24	3.89	4.67	66.91
1958	*****	*****	0.18	0.29	0.50	0.91	1.24	2.26	3.51	4.34	66.31
1959	*****	*****	0.15	0.30	0.49	0.86	1.14	2.01	2.52	3.38	37.20
1960	*****	*****	0.22	0.40	0.69	1.38	1.75	2.26	4.35	6.70	66.23
1961	*****	*****	0.18	0.27	0.40	0.67	0.85	1.52	2.30	2.75	45.71
1962	*****	*****	0.23	0.41	0.65	1.27	1.88	2.88	3.94	5.11	54.18
1963	*****	*****	0.45	0.55	0.86	1.50	2.20	3.80	5.60	7.25	59.23
1964	*****	*****	0.46	0.55	1.06	1.76	2.42	3.96	7.09	13.21	69.34
1965	*****	*****	0.19	0.30	0.60	1.01	1.26	1.75	2.50	2.99	42.30
1966	*****	*****	0.23	0.28	0.48	0.85	1.20	2.01	3.79	6.52	50.47
1967	*****	*****	0.30	0.54	0.80	1.43	1.70	2.04	2.63	3.54	54.95
1968	*****	*****	0.27	0.50	0.92	1.30	1.61	2.51	3.87	7.20	23.96
1969	*****	*****	0.20	0.32	0.60	1.16	1.45	2.60	3.36	6.02	64.32
1970	*****	*****	0.24	0.41	0.66	1.16	1.56	2.80	3.64	5.39	79.35
1971	*****	*****	0.19	0.25	0.45	0.87	1.21	2.12	3.43	4.02	46.12
1972	*****	*****	0.52	0.56	0.64	0.70	0.72	1.37	2.02	3.13	52.46
1974	*****	*****	0.20	0.30	0.60	1.00	1.40	2.40	4.70	8.60	65.50

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F60 4851 0	LAYTONVILLE	1640	1	21N	15W		M	39.700	123.483	MENDOCINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.24	0.35	0.66	1.11	1.44	2.28	3.50	5.13	54.43
5	0.0	0.0	0.32	0.48	0.90	1.49	1.94	3.06	4.71	6.91	67.54
10	0.0	0.0	0.38	0.56	1.04	1.74	2.26	3.57	5.50	8.06	74.97
20	0.0	0.0	0.42	0.63	1.18	1.97	2.56	4.04	6.22	9.12	81.41
25	0.0	0.0	0.44	0.65	1.22	2.04	2.65	4.19	6.45	9.45	83.34
40	0.0	0.0	0.45	0.66	1.24	2.07	2.70	4.26	6.56	9.62	87.22
50	0.0	0.0	0.49	0.72	1.35	2.25	2.93	4.63	7.13	10.45	89.00
100	0.0	0.0	0.53	0.79	1.48	2.46	3.20	5.06	7.79	11.42	94.25
200	0.0	0.0	0.58	0.85	1.60	2.66	3.46	5.48	8.43	12.36	99.21
1000	0.0	0.0	0.67	1.00	1.87	3.12	4.06	6.41	9.87	14.47	109.86
10000	0.0	0.0	0.81	1.20	2.25	3.75	4.87	7.70	11.85	17.38	123.68
PMP	0.0	0.0	1.60	2.37	4.45	7.40	9.63	15.22	23.41	34.34	278.17
MEAN	0.0	0.0	0.255	0.378	0.710	1.182	1.536	2.429	3.737	5.481	55.413
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.602	0.591	0.990	1.007	0.941	1.333	1.571	1.602	-0.498
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.255 ; INTERCEPT (TIME=1 HOUR) =0.688 ; COEFFICIENT OF DETERMINATION = 0.963
1HR INTERCEPT / MEAN YR =0.01241 ; AVERAGE CALC CV / USED CV = 0.83

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	5.177	2.200	3.811	3.958	3.994	4.822	5.878	6.566	2.886
N	0	0	33	33	33	33	33	33	33	33	33
RECORD YEAR	0	0	1972	1972	1964	1943	1943	1955	1955	1964	1970
RECORD MAXIMUM	0.0	0.0	0.520	0.560	1.060	1.890	2.500	4.460	7.550	13.210	79.350
NORMILIZED MAX	0.0	0.0	2.944	1.830	1.827	2.133	2.123	2.753	2.989	3.426	1.810
CALC. COEF. VAR	0.0	0.0	0.353	0.263	0.270	0.281	0.296	0.304	0.341	0.412	0.239
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0	0.0	0.0046	0.0068	0.0128	0.0213	0.0277	0.0438	0.0674	0.0989	1.0000
RP10/A	0.0	0.0	0.0068	0.0100	0.0188	0.0314	0.0408	0.0645	0.0992	0.1455	1.3529
RP25/A	0.0	0.0	0.0079	0.0118	0.0221	0.0368	0.0478	0.0756	0.1163	0.1706	1.5039
RP50/A	0.0	0.0	0.0088	0.0130	0.0244	0.0407	0.0529	0.0836	0.1286	0.1886	1.6060
RP100/A	0.0	0.0	0.0096	0.0142	0.0267	0.0444	0.0578	0.0913	0.1405	0.2061	1.7009
RP1000/A	0.0	0.0	0.0122	0.0180	0.0338	0.0563	0.0732	0.1157	0.1781	0.2611	1.9825
RP10000/A	0.0	0.0	0.0146	0.0216	0.0406	0.0676	0.0879	0.1390	0.2138	0.3136	2.2320
PMP/A	0.0	0.0	0.0288	0.0428	0.0802	0.1336	0.1737	0.2746	0.4225	0.6196	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BNM	LATITUDE	LONGITUDE	COUNTY
F60 9885 0	WILLITS HOWARD R S	1925	05	17N	13W		M	39.350	123.317	MENDOCINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.12	0.23	0.32	0.49	0.66	0.96	1.25	1.77	2.27	2.83	******
1941	0.17	0.23	0.28	0.36	0.58	0.96	1.19	1.50	1.91	3.52	******
1942	0.09	0.14	0.18	0.29	0.50	0.90	1.22	2.01	2.99	4.17	58.05
1943	0.21	0.38	0.44	0.62	0.62	0.62	0.62	1.14	2.27	4.54	37.34
1944	0.09	0.13	0.22	0.32	0.46	0.79	1.08	1.26	1.87	2.51	42.34
1945	0.07	0.13	0.18	0.30	0.49	0.69	0.81	1.56	2.80	4.86	56.15
1946	0.08	0.14	0.17	0.29	0.53	0.81	1.00	1.45	2.40	3.59	29.43
1947	0.09	0.18	0.25	0.44	0.71	1.08	1.35	2.08	2.63	2.96	32.60
1948	0.20	0.26	0.30	0.37	0.61	0.85	1.15	1.63	2.01	3.14	50.38
1949	0.10	0.21	0.25	0.44	0.56	0.81	1.02	1.51	1.71	2.26	30.98
1950	0.22	0.37	0.47	0.61	0.81	1.02	1.11	1.88	3.04	4.71	56.26
1951	0.06	0.12	0.17	0.31	0.56	1.06	1.49	2.95	3.94	5.03	63.89
1952	*****	*****	*****	*****	0.39	0.77	1.14	2.06	3.11	4.93	55.29
1953	0.10	0.16	0.22	0.34	0.51	0.73	0.86	1.62	2.42	3.40	50.65
1954	0.07	0.12	0.16	0.32	0.49	0.88	1.02	1.58	2.58	5.00	50.31
1955	0.10	0.20	0.24	0.38	0.65	1.25	1.81	3.36	5.67	7.92	49.01
1956	0.10	0.13	0.17	0.28	0.45	0.87	1.15	1.60	2.59	3.69	41.85
1957	0.23	0.24	0.25	0.35	0.46	0.77	1.11	2.10	2.57	3.11	57.77
1958	0.30	0.41	0.52	0.85	0.96	0.98	1.22	2.11	3.07	4.33	60.08
1959	0.09	0.17	0.23	0.35	0.47	0.71	1.06	1.73	2.31	2.46	32.82
1960	0.24	0.33	0.38	0.41	0.58	1.00	1.36	2.54	4.44	7.09	65.42
1961	0.15	0.20	0.26	0.37	0.52	0.80	1.01	1.40	1.88	3.56	44.55
1962	0.21	0.41	0.46	0.55	0.77	1.09	1.50	2.69	3.84	4.90	50.63
1963	0.21	0.25	0.38	0.48	0.60	1.01	1.38	2.43	3.86	4.85	48.37
1964	0.14	0.28	0.37	0.49	0.97	1.40	1.73	2.90	4.76	7.55	58.49
1965	0.09	0.14	0.17	0.23	0.38	0.70	0.94	1.61	2.07	2.51	38.97
1966	0.15	0.19	0.22	0.34	0.47	0.89	1.24	2.23	3.84	6.38	47.08
1967	0.13	0.23	0.30	0.40	0.60	1.10	1.51	1.93	2.72	5.00	50.30
1968	0.10	0.16	0.24	0.35	0.59	0.98	1.25	1.99	2.65	4.79	54.41
1969	0.11	0.22	0.27	0.39	0.60	0.91	0.99	1.71	3.14	5.04	52.26
1970	0.15	0.26	0.31	0.40	0.72	1.05	1.46	2.00	3.60	5.36	68.53
1971	0.08	0.15	0.18	0.26	0.39	0.68	1.00	1.79	2.50	3.42	42.26
1972	0.14	0.21	0.25	0.29	0.34	0.65	0.88	1.08	1.87	3.13	45.23
1973	*****	*****	*****	*****	0.57	0.77	0.92	1.36	1.72	3.09	65.14
1974	*****	*****	*****	*****	0.48	0.78	1.15	1.98	3.58	5.90	50.31

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BNM	LATITUDE	LONGITUDE	COUNTY
F60 9885 0	WILLITS HOWARD R S	1925	05	17N	13W		M	39.350	123.317	MENDOCINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.20	0.26	0.37	0.54	0.84	1.10	1.79	2.69	4.06	48.74
5	0.17	0.28	0.35	0.50	0.72	1.13	1.48	2.41	3.63	5.46	60.48
10	0.20	0.32	0.40	0.58	0.84	1.32	1.72	2.80	4.23	6.37	67.13
20	0.23	0.36	0.46	0.66	0.95	1.49	1.95	3.17	4.79	7.21	72.90
25	0.24	0.38	0.47	0.68	0.99	1.54	2.02	3.29	4.96	7.47	74.63
40	0.24	0.38	0.48	0.69	1.01	1.57	2.05	3.35	5.04	7.60	78.10
50	0.26	0.42	0.53	0.76	1.09	1.71	2.23	3.64	5.48	8.26	79.69
100	0.29	0.45	0.57	0.82	1.19	1.86	2.44	3.97	5.99	9.02	84.40
200	0.31	0.49	0.62	0.89	1.29	2.02	2.64	4.30	6.48	9.76	88.84
1000	0.36	0.58	0.73	1.05	1.51	2.36	3.09	5.03	7.59	11.43	98.37
10000	0.44	0.69	0.87	1.26	1.82	2.84	3.71	6.05	9.12	13.73	110.75
PMP	0.86	1.37	1.72	2.48	3.59	5.61	7.34	11.95	18.01	27.12	249.09
MEAN	0.137	0.218	0.275	0.396	0.573	0.895	1.171	1.907	2.875	4.329	49.620
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.913	0.987	0.980	1.817	1.084	0.756	0.503	0.933	1.101	0.761	-0.240
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.417 ; INTERCEPT (TIME=1 HOUR) =0.600 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.01210 ; AVERAGE CALC CV / USED CV = 0.88

KURTOSIS	3.246	3.426	3.420	7.520	4.608	3.906	3.700	4.055	4.349	3.419	2.746
N	32	32	32	32	35	35	35	35	35	35	33
RECORD YEAR	1958	1958	1958	1958	1964	1964	1955	1955	1955	1955	1970
RECORD MAXIMUM	0.300	0.410	0.520	0.850	0.970	1.400	1.810	3.360	5.670	7.920	68.530
NORMILIZED MAX	2.677	2.266	2.505	3.606	2.730	2.901	2.520	2.807	3.023	2.494	1.850
CALC. COEF. VAR	0.443	0.388	0.355	0.318	0.254	0.195	0.216	0.271	0.322	0.333	0.206
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0028	0.0044	0.0055	0.0080	0.0115	0.0180	0.0236	0.0384	0.0579	0.0873	1.0000
RP10/A	0.0041	0.0065	0.0082	0.0117	0.0170	0.0265	0.0347	0.0565	0.0852	0.1283	1.3529
RP25/A	0.0048	0.0076	0.0098	0.0138	0.0199	0.0311	0.0407	0.0663	0.1000	0.1505	1.5039
RP50/A	0.0053	0.0084	0.0106	0.0152	0.0220	0.0344	0.0450	0.0733	0.1105	0.1664	1.6060
RP100/A	0.0058	0.0092	0.0116	0.0166	0.0241	0.0376	0.0492	0.0801	0.1207	0.1818	1.7009
RP1000/A	0.0073	0.0116	0.0147	0.0211	0.0305	0.0476	0.0623	0.1015	0.1530	0.2304	1.9825
RP10000/A	0.0088	0.0139	0.0176	0.0253	0.0366	0.0572	0.0748	0.1219	0.1837	0.2767	2.2320
PMP/A	0.0173	0.0275	0.0348	0.0500	0.0723	0.1130	0.1479	0.2408	0.3630	0.5466	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F80 3161 0	FORT BRAGG	80	06	18N	17W	N	M	39.446	123.807	MENDOCINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.17	0.31	0.33	0.52	0.78	1.30	1.64	1.76	3.25	4.44	49.85
1941	0.27	0.44	0.48	0.62	0.76	1.03	1.77	1.91	2.78	3.04	61.32
1942	0.09	0.16	0.23	0.29	0.49	0.75	0.88	1.36	1.86	2.64	46.23
1943	0.20	0.40	0.43	0.62	0.70	0.83	0.84	1.28	2.44	3.15	33.81
1944	0.25	0.40	0.41	0.58	0.73	0.85	1.12	1.66	2.03	2.42	37.00
1945	0.12	0.17	0.25	0.45	0.53	0.78	0.83	1.22	2.09	4.03	47.22
1946	0.04	0.08	0.12	0.20	0.33	0.60	0.89	1.63	1.94	2.25	24.37
1947	0.13	0.19	0.27	0.39	0.62	1.04	1.20	1.78	2.12	2.23	26.80
1948	0.12	0.20	0.29	0.41	0.43	0.78	1.09	1.63	2.20	2.47	37.78
1949	0.13	0.21	0.23	0.24	0.43	0.63	0.75	1.30	1.62	2.95	30.82
1950	0.14	0.20	0.22	0.38	0.54	0.80	1.04	1.26	1.50	2.17	42.38
1951	0.15	0.25	0.35	0.46	0.58	0.79	1.15	1.50	2.49	4.10	46.65
1952	0.25	0.28	0.42	0.65	0.83	1.11	1.30	1.84	2.56	3.37	43.13
1953	0.18	0.27	0.30	0.32	0.51	0.75	1.10	1.85	2.99	4.15	40.88
1954	0.15	0.21	0.23	0.35	0.70	1.08	1.38	1.97	2.30	3.11	49.02
1955	0.10	0.16	0.19	0.29	0.52	0.73	0.96	1.55	2.69	3.77	36.11
1956	0.36	0.46	0.53	0.74	0.91	1.05	1.11	1.42	1.55	2.59	30.57
1957	0.06	0.10	0.18	0.34	0.47	0.86	1.24	2.11	3.00	3.30	43.28
1958	0.25	0.34	0.36	0.41	0.69	1.00	1.27	1.75	2.08	3.04	47.19
1959	0.23	0.31	0.35	0.40	0.50	0.79	0.98	1.27	1.98	2.43	28.12
1960	0.12	0.17	0.25	0.48	0.59	0.76	0.91	1.16	1.84	3.18	40.90
1961	0.16	0.26	0.28	0.44	0.60	0.89	1.07	1.51	2.19	2.38	34.19
1962	0.22	0.24	0.30	0.34	0.43	0.68	0.85	1.51	2.27	2.68	31.39
1963	0.15	0.27	0.35	0.65	0.86	1.20	1.41	1.62	1.78	2.24	38.07
1964	0.25	0.39	0.58	1.03	1.20	1.30	1.48	1.94	2.68	3.70	38.35
1965	0.18	0.21	0.27	0.36	0.43	0.51	0.71	0.96	1.21	1.51	26.44
1966	0.25	0.30	0.44	0.62	0.99	1.36	1.54	2.18	2.86	3.78	35.25
1967	0.33	0.33	0.48	0.58	0.81	0.98	1.00	1.35	2.03	2.99	40.42
1968	0.15	0.23	0.34	0.42	0.51	0.69	0.88	1.53	2.10	2.89	37.11
1969	0.20	0.25	0.38	0.68	0.83	0.95	0.96	1.50	2.30	3.54	46.46
1970	0.11	0.21	0.32	0.52	0.73	0.94	1.01	1.44	1.98	2.93	40.97
1971	0.18	0.28	0.30	0.36	0.58	0.60	0.92	1.48	2.44	3.52	31.56
1972	0.14	0.20	0.30	0.48	0.60	0.91	0.97	1.39	1.50	2.21	35.24
1973	*****	*****	*****	*****	0.87	1.06	1.48	2.13	2.75	2.99	50.38
1974	*****	*****	*****	*****	0.51	0.97	1.37	1.57	1.97	3.10	38.09

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F80 3161 0	FORT BRAGG	80	06	18N	17W	N	M	39.446	123.807	MENDOCINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.17	0.24	0.31	0.44	0.60	0.84	1.05	1.48	2.07	2.82	38.37
5	0.22	0.32	0.41	0.60	0.81	1.13	1.41	1.99	2.79	3.80	47.61
10	0.26	0.38	0.48	0.70	0.95	1.32	1.64	2.32	3.25	4.42	52.85
20	0.29	0.43	0.54	0.79	1.07	1.49	1.86	2.63	3.68	5.01	57.39
25	0.30	0.44	0.56	0.82	1.11	1.55	1.93	2.73	3.81	5.19	58.75
40	0.31	0.45	0.57	0.83	1.13	1.57	1.96	2.77	3.88	5.28	61.49
50	0.34	0.49	0.62	0.90	1.23	1.71	2.13	3.01	4.22	5.74	62.74
100	0.37	0.54	0.68	0.99	1.34	1.87	2.33	3.29	4.61	6.27	66.45
200	0.40	0.58	0.74	1.07	1.46	2.02	2.52	3.56	4.98	6.78	69.94
1000	0.47	0.68	0.86	1.25	1.70	2.37	2.95	4.17	5.84	7.94	77.45
10000	0.56	0.81	1.03	1.50	2.05	2.84	3.54	5.01	7.01	9.54	87.19
PMP	1.11	1.61	2.04	2.97	4.04	5.61	7.00	9.90	13.85	18.85	196.11
MEAN	0.177	0.257	0.326	0.473	0.645	0.896	1.117	1.581	2.211	3.008	39.066
CLOCK HR. COF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.552	0.443	0.499	1.130	0.819	0.436	0.709	0.274	0.157	0.167	0.383
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.491 ; INTERCEPT (TIME=1 HOUR) =0.644 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.01649 ; AVERAGE CALC CV / USED CV = 0.90

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.438	3.128	3.321	5.421	3.852	2.973	3.016	2.893	2.865	2.892	3.527
N	33	33	33	33	35	35	35	35	35	35	35
RECORD YEAR	1956	1956	1964	1964	1964	1966	1941	1966	1940	1940	1941
RECORD MAXIMUM	0.360	0.460	0.580	1.030	1.200	1.360	1.770	2.180	3.250	4.440	61.320
NORMILIZED MAX	2.526	2.217	2.448	3.305	2.934	2.232	2.488	2.065	2.181	2.139	2.770
CALC. COEF. VAR	0.411	0.356	0.318	0.356	0.293	0.232	0.235	0.184	0.216	0.223	0.206
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0045	0.0066	0.0083	0.0121	0.0165	0.0229	0.0286	0.0405	0.0566	0.0770	1.0000
RP10/A	0.0067	0.0097	0.0123	0.0178	0.0243	0.0337	0.0421	0.0595	0.0832	0.1132	1.3529
RP25/A	0.0078	0.0113	0.0144	0.0209	0.0285	0.0396	0.0493	0.0698	0.0976	0.1328	1.5039
RP50/A	0.0086	0.0125	0.0159	0.0231	0.0315	0.0437	0.0545	0.0772	0.1079	0.1469	1.6060
RP100/A	0.0094	0.0137	0.0174	0.0252	0.0344	0.0478	0.0596	0.0843	0.1179	0.1604	1.7009
RP1000/A	0.0119	0.0174	0.0220	0.0320	0.0436	0.0605	0.0755	0.1068	0.1494	0.2033	1.9825
RP10000/A	0.0143	0.0209	0.0265	0.0384	0.0524	0.0727	0.0907	0.1283	0.1794	0.2442	2.2320
PMP/A	0.0283	0.0412	0.0523	0.0759	0.1035	0.1436	0.1792	0.2535	0.3545	0.4824	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	MMM	LATITUDE	LONGITUDE	COUNTY
FRO 7009 0	POINT ARENA	122	12	12N	17W		M	38.917	123.700	MENDOCINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.25	0.30	0.39	0.50	0.70	0.96	1.20	1.57	2.45	3.36	******
1941	0.25	0.49	0.69	1.00	1.30	1.44	1.62	2.26	2.75	4.11	62.51
1942	0.15	0.25	0.36	0.51	0.72	0.91	1.02	1.72	2.08	3.21	44.92
1943	0.18	0.19	0.21	0.42	0.73	1.23	1.66	2.55	3.07	4.11	29.91
1944	0.13	0.21	0.31	0.37	0.60	1.03	1.36	1.64	1.95	2.47	40.89
1945	0.17	0.29	0.39	0.46	0.74	1.35	1.64	2.65	3.73	6.08	50.01
1946	0.15	0.20	0.21	0.32	0.53	0.88	1.08	1.94	2.54	2.99	25.58
1947	0.15	0.20	0.24	0.32	0.48	0.75	0.97	1.66	2.58	3.16	25.92
1948	0.10	0.14	0.19	0.25	0.47	0.90	1.16	1.72	1.98	2.22	36.40
1949	0.15	0.22	0.31	0.49	0.51	0.74	0.93	1.24	1.40	2.30	27.80
1950	0.15	0.23	0.34	0.57	0.65	1.00	1.32	1.55	2.44	3.04	38.31
1951	0.45	0.70	0.84	0.96	1.10	1.31	1.47	2.36	2.74	3.81	49.11
1952	0.23	0.41	0.48	0.96	1.40	1.77	2.24	2.94	3.48	3.95	47.56
1953	0.25	0.33	0.37	0.53	0.70	0.77	1.02	1.73	3.20	3.70	39.35
1954	0.11	0.19	0.26	0.46	0.77	1.22	1.56	1.92	2.59	3.65	46.21
1955	0.18	0.22	0.24	0.33	0.48	0.77	1.04	1.65	2.40	2.68	37.99
1956	0.12	0.15	0.21	0.31	0.45	0.61	0.71	1.25	2.03	3.48	28.26
1957	0.21	0.23	0.24	0.25	0.46	0.85	1.00	1.37	2.17	2.73	48.38
1958	0.24	0.33	0.39	0.69	0.74	1.20	1.50	2.44	3.61	4.16	46.55
1959	0.08	0.12	0.15	0.29	0.46	0.91	1.19	1.94	2.76	3.16	29.42
1960	0.15	0.22	0.30	0.50	0.62	1.00	1.06	1.46	2.10	2.80	44.66
1961	0.25	0.39	0.55	0.66	0.82	1.02	1.22	1.87	2.73	4.61	40.56
1962	0.40	0.72	1.04	1.45	1.47	1.66	1.81	2.11	3.01	3.90	36.85
1963	0.75	0.85	0.92	1.00	1.55	1.65	1.70	2.00	2.49	2.50	38.96
1964	0.20	0.29	0.37	0.61	0.70	0.83	0.90	1.25	1.94	3.03	33.35
1965	0.21	0.25	0.27	0.35	0.49	0.65	0.82	1.02	1.53	2.36	30.35
1966	0.17	0.23	0.33	0.46	0.73	1.05	1.19	1.48	2.02	3.05	33.59
1967	0.13	0.25	0.32	0.41	0.55	0.74	1.00	1.70	2.40	3.15	35.42
1968	0.15	0.18	0.19	0.27	0.44	0.75	1.03	1.81	2.61	2.78	40.40
1969	0.15	0.23	0.28	0.48	0.60	0.84	1.18	1.97	3.23	5.38	53.36
1970	0.25	0.34	0.35	0.59	0.71	0.99	1.11	1.56	2.63	3.64	45.25
1971	0.10	0.13	0.15	0.30	0.51	0.86	1.16	1.73	2.41	3.25	28.66
1972	0.14	0.21	0.27	0.40	0.46	0.72	0.87	1.08	1.52	1.75	30.17
1973	*****	*****	*****	*****	0.50	0.81	0.80	1.17	1.71	2.88	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	MMM	LATITUDE	LONGITUDE	COUNTY
FRO 7009 0	POINT ARENA	122	12	12N	17W		M	38.917	123.700	MENDOCINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.19	0.28	0.35	0.50	0.67	0.94	1.14	1.66	2.32	3.13	38.26
5	0.26	0.37	0.46	0.67	0.90	1.26	1.54	2.24	3.13	4.21	47.48
10	0.30	0.43	0.54	0.78	1.04	1.47	1.80	2.61	3.65	4.91	52.71
20	0.34	0.49	0.61	0.88	1.18	1.66	2.03	2.95	4.13	5.55	57.23
25	0.35	0.51	0.64	0.91	1.22	1.72	2.11	3.06	4.28	5.76	58.59
40	0.36	0.52	0.65	0.93	1.25	1.75	2.14	3.11	4.35	5.85	61.32
50	0.39	0.56	0.70	1.01	1.35	1.91	2.33	3.38	4.73	6.36	62.57
100	0.43	0.61	0.77	1.10	1.48	2.08	2.55	3.70	5.16	6.95	66.26
200	0.46	0.66	0.83	1.20	1.60	2.25	2.75	4.00	5.59	7.52	69.75
1000	0.54	0.78	0.97	1.40	1.87	2.64	3.23	4.68	6.55	8.81	77.23
10000	0.65	0.93	1.17	1.68	2.25	3.17	3.87	5.62	7.86	10.58	86.95
PMP	1.28	1.84	2.31	3.32	4.45	6.26	7.65	11.11	15.53	20.90	195.57
MEAN	0.205	0.294	0.368	0.530	0.710	0.999	1.222	1.774	2.479	3.337	38.958
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.973	2.034	1.900	1.695	1.678	1.073	1.036	0.624	0.236	1.099	0.469
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.506 ; INTERCEPT (TIME=1 HOUR) =0.717 ; COEFFICIENT OF DETERMINATION = 0.999
LN# INTERCEPT / MEAN YR =0.01840 ; AVERAGE CALC CV / USED CV = 1.34

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	13.902	7.020	6.387	6.193	5.185	3.732	4.283	3.422	2.985	5.182	3.138
N	33	33	33	33	34	34	34	34	34	34	32
RECORD YEAR	1963	1963	1962	1962	1963	1952	1952	1952	1945	1945	1941
RECORD MAXIMUM	0.750	0.850	1.040	1.450	1.550	1.770	2.240	2.940	3.730	6.080	62.510
NORMILIZED MAX	4.344	3.267	3.136	3.385	2.769	2.549	3.034	2.562	2.154	3.102	2.633
CALC. COEF. VAR	0.614	0.580	0.581	0.513	0.427	0.303	0.275	0.257	0.234	0.265	0.230
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0053	0.0075	0.0095	0.0136	0.0182	0.0256	0.0314	0.0455	0.0636	0.0857	1.0000
RP10/A	0.0077	0.0111	0.0139	0.0200	0.0268	0.0377	0.0461	0.0670	0.0936	0.1260	1.3529
RP25/A	0.0091	0.0130	0.0163	0.0235	0.0314	0.0442	0.0541	0.0785	0.1098	0.1478	1.5039
RP50/A	0.0100	0.0144	0.0180	0.0259	0.0348	0.0489	0.0598	0.0868	0.1214	0.1634	1.6060
RP100/A	0.0109	0.0157	0.0197	0.0283	0.0380	0.0534	0.0653	0.0949	0.1326	0.1784	1.7009
RP1000/A	0.0139	0.0199	0.0250	0.0359	0.0481	0.0677	0.0828	0.1202	0.1680	0.2261	1.9825
RP10000/A	0.0166	0.0239	0.0300	0.0431	0.0578	0.0813	0.0994	0.1444	0.2018	0.2716	2.2320
PMP/A	0.0329	0.0472	0.0593	0.0852	0.1142	0.1607	0.1965	0.2853	0.3986	0.5366	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. PSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F80 9851 0	YORKVILLE	1120	08	12N	12W	M	M	38.905	123.313	MENDOCINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	0.34	0.41	0.59	1.18	1.39	2.28	2.77	5.30	74.91
1941	*****	*****	0.37	0.40	0.76	1.12	1.26	2.14	2.58	3.27	75.18
1942	*****	*****	0.25	0.32	0.50	0.78	1.03	1.73	2.35	3.56	52.25
1943	*****	*****	0.34	0.47	0.93	1.33	1.61	2.56	4.93	6.28	32.57
1944	*****	*****	0.14	0.22	0.40	0.60	0.78	1.38	2.17	3.39	48.26
1945	*****	*****	0.34	0.53	0.71	1.21	1.43	2.23	3.87	5.94	58.36
1946	*****	*****	0.17	0.33	0.50	0.88	1.23	3.35	3.22	4.25	34.69
1947	*****	*****	0.21	0.43	0.56	0.80	1.25	2.10	3.12	3.96	34.13
1948	*****	*****	0.15	0.25	0.47	0.72	0.87	1.29	1.83	2.52	36.97
1949	*****	*****	0.15	0.19	0.34	0.59	0.84	1.37	1.61	2.32	32.35
1950	*****	*****	0.44	0.59	0.86	1.45	1.98	3.03	4.25	6.07	57.44
1951	*****	*****	0.29	0.37	0.62	1.10	1.43	2.05	3.17	4.35	65.44
1952	*****	*****	*****	*****	0.50	0.81	1.20	2.33	3.46	5.05	56.86
1953	*****	*****	0.24	0.35	0.51	0.98	1.38	2.52	3.64	4.86	43.03
1954	*****	*****	0.36	0.60	0.80	1.12	1.53	2.50	4.16	7.67	60.31
1955	*****	*****	0.34	0.45	0.77	1.18	1.45	2.50	4.20	6.56	48.38
1956	*****	*****	0.12	0.22	0.39	0.66	0.89	1.62	2.21	4.16	38.49
1957	*****	*****	0.22	0.33	0.60	1.05	1.20	2.09	2.81	4.55	58.64
1958	*****	*****	0.23	0.37	0.61	1.21	1.67	2.91	4.97	6.31	61.58
1959	*****	*****	0.16	0.31	0.54	1.04	1.56	2.79	4.42	5.30	38.83
1960	*****	*****	0.41	0.44	0.46	0.77	1.15	2.19	3.36	5.08	56.54
1961	*****	*****	0.20	0.31	0.48	0.79	1.07	1.77	3.07	4.25	39.70
1962	*****	*****	0.31	0.47	0.65	1.16	1.61	2.67	3.80	5.76	46.97
1963	*****	*****	0.40	0.47	0.80	1.29	1.81	3.52	4.64	5.28	54.18
1964	*****	*****	0.37	0.62	0.93	1.67	1.76	3.04	4.07	6.86	49.55
1965	*****	*****	0.24	0.39	0.55	0.93	1.26	2.41	3.53	4.44	47.49
1966	*****	*****	0.14	0.23	0.38	0.68	1.04	1.90	3.63	5.44	******
1968	*****	*****	*****	*****	2.20	2.20	2.20	2.80	3.10	4.30	55.50
1969	*****	*****	*****	*****	0.50	0.90	1.20	2.30	3.10	3.90	70.00
1970	*****	*****	*****	*****	0.70	1.10	1.50	2.20	3.90	5.30	74.00
1971	*****	*****	*****	*****	0.50	0.90	1.30	2.10	3.10	4.30	38.90
1972	*****	*****	*****	*****	0.30	0.60	0.80	1.30	1.70	2.70	42.00
1973	*****	*****	0.20	0.30	0.40	0.60	1.00	1.50	2.40	4.50	85.70
1974	*****	*****	0.20	0.40	0.80	1.30	1.60	2.40	4.10	6.70	64.50

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. PSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F80 9851 0	YORKVILLE	1120	08	12N	12W	M	M	38.905	123.313	MENDOCINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.25	0.36	0.60	0.95	1.25	2.12	3.12	4.53	51.60
5	0.0	0.0	0.33	0.49	0.80	1.28	1.68	2.86	4.20	6.10	64.03
10	0.0	0.0	0.38	0.57	0.93	1.49	1.96	3.33	4.90	7.11	71.08
20	0.0	0.0	0.44	0.64	1.06	1.69	2.22	3.77	5.54	8.05	77.18
25	0.0	0.0	0.45	0.66	1.10	1.75	2.30	3.90	5.75	8.35	79.01
40	0.0	0.0	0.46	0.67	1.12	1.78	2.34	3.97	5.84	8.49	82.70
50	0.0	0.0	0.50	0.73	1.21	1.94	2.54	4.32	6.35	9.23	84.38
100	0.0	0.0	0.55	0.80	1.32	2.11	2.77	4.72	6.94	10.08	89.36
200	0.0	0.0	0.59	0.87	1.43	2.29	3.00	5.10	7.51	10.91	94.06
1000	0.0	0.0	0.69	1.02	1.68	2.68	3.52	5.98	8.79	12.77	104.15
10000	0.0	0.0	0.83	1.22	2.02	3.22	4.22	7.18	10.56	15.34	117.26
PMP	0.0	0.0	1.64	2.41	3.98	6.36	8.34	14.18	20.87	30.31	263.73
MEAN	0.0	0.0	0.262	0.385	0.636	1.015	1.332	2.264	3.331	4.838	52.536
CLOCK HR. CORR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.232	0.326	3.581	1.341	0.414	0.111	-0.131	0.053	0.441
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.336 ; INTERCEPT (TIME=1 HOUR) =0.637 ; COEFFICIENT OF DETERMINATION = 0.993
1HR INTERCEPT / MEAN YR =0.01212 ; AVERAGE CALC CV / USED CV = 1.00

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	2.045	2.885	19.556	6.768	3.251	2.895	2.605	2.900	2.763
N	0	0	28	28	34	34	34	34	34	34	33
RECORD YEAR	0	0	1950	1964	1968	1968	1968	1963	1958	1954	1973
RECORD MAXIMUM	0.0	0.0	0.440	0.620	2.200	2.200	2.200	3.520	4.970	7.670	85.700
NORMALIZED MAX	0.0	0.0	1.871	2.033	4.839	3.600	2.561	2.204	1.832	2.212	2.379
CALC. COEF. VAR	0.0	0.0	0.364	0.301	0.509	0.324	0.255	0.252	0.269	0.265	0.265
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0	0.0	0.0050	0.0073	0.0121	0.0193	0.0253	0.0431	0.0634	0.0921	1.0000
RP10/A	0.0	0.0	0.0073	0.0108	0.0178	0.0284	0.0373	0.0634	0.0932	0.1354	1.3529
RP25/A	0.0	0.0	0.0086	0.0126	0.0209	0.0333	0.0437	0.0743	0.1094	0.1588	1.5039
RP50/A	0.0	0.0	0.0095	0.0140	0.0231	0.0368	0.0483	0.0822	0.1209	0.1756	1.6060
RP100/A	0.0	0.0	0.0104	0.0153	0.0252	0.0402	0.0528	0.0898	0.1321	0.1918	1.7009
RP1000/A	0.0	0.0	0.0132	0.0193	0.0319	0.0510	0.0669	0.1138	0.1674	0.2431	1.9825
RP10000/A	0.0	0.0	0.0158	0.0232	0.0384	0.0612	0.0804	0.1366	0.2010	0.2920	2.2320
PMP/A	0.0	0.0	0.0312	0.0459	0.0758	0.1210	0.1588	0.2699	0.3972	0.5769	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT BMM	LATITUDE	LONGITUDE	COUNTY
F90 6105 0	NAVARRO INW	220	18	15N	15W M	39.164	123.563	MENDOCINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1954	*****	*****	0.24	0.27	0.52	0.74	1.00	1.82	2.43	2.80	27.46
1958	*****	*****	0.34	0.39	0.57	0.78	0.97	1.67	2.73	3.39	******
1959	*****	*****	0.24	0.27	0.52	0.74	1.00	1.82	2.43	2.80	27.46
1960	*****	*****	0.34	0.52	0.67	1.17	1.37	1.81	2.75	4.53	46.16
1961	*****	*****	*****	*****	0.60	0.90	1.15	1.76	2.52	3.87	35.03
1962	*****	*****	0.34	0.42	0.54	0.73	1.05	1.61	2.00	3.14	34.12
1963	*****	*****	0.25	0.33	0.63	0.65	0.95	1.13	1.97	2.44	39.56
1964	*****	*****	0.21	0.27	0.51	0.85	1.10	1.62	2.73	4.42	43.17
1965	*****	*****	0.18	0.26	0.42	0.65	0.86	1.45	2.11	2.45	31.15
1966	*****	*****	0.17	0.18	0.36	0.63	0.90	1.96	3.25	4.80	31.62
1967	*****	*****	0.22	0.32	0.57	0.68	0.80	1.16	1.97	2.42	39.44
1968	*****	*****	0.25	0.47	0.61	1.00	1.27	2.05	2.98	3.56	41.50
1969	*****	*****	0.50	0.50	0.65	0.95	1.22	1.76	2.94	4.03	48.30
1970	*****	*****	0.25	0.34	0.43	0.67	0.88	1.43	2.46	3.64	51.15
1971	*****	*****	0.17	0.20	0.37	0.64	0.79	1.37	2.52	4.42	33.30
1972	*****	*****	0.25	0.36	0.49	0.67	0.70	1.02	1.45	2.71	28.67
1973	*****	*****	0.50	0.63	0.70	0.76	1.01	1.25	2.11	3.62	56.74
1974	*****	*****	0.30	0.40	0.51	0.80	1.03	1.61	2.98	4.68	43.43

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT BMM	LATITUDE	LONGITUDE	COUNTY
F90 6105 0	NAVARRO INW	220	18	15N	15W M	39.164	123.563	MENDOCINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.27	0.34	0.50	0.73	0.93	1.47	2.31	3.32	38.03
5	0.0	0.0	0.36	0.45	0.67	0.98	1.26	1.98	3.11	4.46	47.19
10	0.0	0.0	0.42	0.53	0.79	1.14	1.47	2.31	3.62	5.20	52.38
20	0.0	0.0	0.47	0.60	0.89	1.30	1.66	2.62	4.10	5.89	56.89
25	0.0	0.0	0.49	0.62	0.92	1.34	1.72	2.71	4.25	6.10	58.23
40	0.0	0.0	0.50	0.63	0.94	1.37	1.75	2.76	4.32	6.21	60.95
50	0.0	0.0	0.54	0.69	1.02	1.48	1.90	3.00	4.70	6.75	62.19
100	0.0	0.0	0.59	0.75	1.11	1.62	2.08	3.28	5.13	7.37	65.86
200	0.0	0.0	0.64	0.81	1.21	1.76	2.25	3.55	5.55	7.98	69.32
1000	0.0	0.0	0.75	0.95	1.41	2.06	2.63	4.15	6.50	9.34	76.76
10000	0.0	0.0	0.90	1.14	1.69	2.47	3.16	4.99	7.81	11.22	86.42
PMP	0.0	0.0	1.79	2.26	3.35	4.88	6.25	9.85	15.43	22.17	194.38
MEAN	0.0	0.0	0.285	0.361	0.534	0.778	0.997	1.572	2.463	3.539	38.721
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.074	0.592	-0.161	1.352	0.436	-0.370	-0.361	0.064	0.467
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.487 ; INTERCEPT (TIME=1 HOUR) =0.548 ; COEFFICIENT OF DETERMINATION = 0.991
1HR INTERCEPT / MEAN YR =0.01415 ; AVERAGE CALC CV / USED CV = 0.70

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	4.105	3.487	2.834	4.960	3.219	2.687	3.279	2.117	2.908
N	0	0	17	17	18	18	18	18	18	18	17
RECORD YEAR	0	0	1969	1973	1973	1960	1960	1968	1966	1966	1973
RECORD MAXIMUM	0.0	0.0	0.500	0.630	0.700	1.170	1.370	2.050	3.250	4.800	56.740
NORMILIZED MAX	0.0	0.0	2.140	2.240	1.681	2.672	2.100	1.612	1.713	1.540	2.077
CALC. COEF. VAR	0.0	0.0	0.352	0.334	0.184	0.188	0.178	0.189	0.187	0.231	0.224
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0	0.0	0.0074	0.0093	0.0138	0.0201	0.0258	0.0406	0.0636	0.0914	1.0000
RP10/A	0.0	0.0	0.0108	0.0137	0.0203	0.0296	0.0379	0.0597	0.0935	0.1344	1.3529
RP25/A	0.0	0.0	0.0127	0.0161	0.0238	0.0347	0.0444	0.0700	0.1097	0.1577	1.5039
RP50/A	0.0	0.0	0.0141	0.0178	0.0263	0.0383	0.0491	0.0774	0.1213	0.1743	1.6060
RP100/A	0.0	0.0	0.0154	0.0194	0.0288	0.0419	0.0537	0.0846	0.1325	0.1904	1.7009
RP1000/A	0.0	0.0	0.0195	0.0246	0.0364	0.0531	0.0680	0.1072	0.1679	0.2413	1.9825
RP10000/A	0.0	0.0	0.0234	0.0295	0.0438	0.0637	0.0817	0.1287	0.2017	0.2898	2.2320
PMP/A	0.0	0.0	0.0462	0.0583	0.0865	0.1259	0.1613	0.2544	0.3985	0.5726	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. 85N ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	AMM	LATITUDE	LONGITUDE	COUNTY
F90 7107 0	POTTER VALLEY 3NNW	1060	6	17N	11W		M	39.367	123.002	MENDOCINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1953	0.15	0.17	0.21	0.24	0.32	0.46	0.66	1.13	1.76	2.52	******
1954	0.10	0.17	0.20	0.40	0.56	0.84	1.19	1.52	1.66	2.47	46.30
1955	0.09	0.14	0.21	0.37	0.59	0.90	1.40	2.71	4.44	6.95	42.44
1956	0.06	0.11	0.15	0.76	0.45	0.71	0.91	1.52	2.35	3.84	35.72
1957	0.39	0.40	0.40	0.40	0.46	0.70	1.02	1.60	2.36	3.21	47.57
1958	0.42	0.60	0.68	0.83	1.03	1.50	1.50	2.05	3.27	4.15	53.13
1959	0.07	0.10	0.11	0.22	0.40	0.76	1.10	1.75	2.45	3.06	27.60
1960	0.15	0.16	0.19	0.30	0.39	0.76	0.99	1.79	3.00	4.81	49.92
1961	0.08	0.12	0.14	0.21	0.30	0.58	0.71	1.23	1.83	2.85	38.52
1962	0.10	0.15	0.20	0.36	0.45	0.89	1.13	1.95	2.95	3.60	43.09
1963	0.09	0.13	0.15	0.29	0.48	0.85	1.13	1.85	3.17	3.79	40.76
1964	0.07	0.13	0.17	0.34	0.68	1.06	1.39	2.02	3.59	5.75	******
1965	0.05	0.10	0.12	0.20	0.40	0.52	0.78	1.10	1.31	1.52	32.47
1966	0.03	0.06	0.09	0.19	0.38	0.66	1.00	1.80	3.41	5.25	40.47
1967	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	44.60
1968	*****	*****	*****	*****	0.40	0.80	1.00	1.70	2.30	2.80	******
1969	*****	*****	*****	*****	0.70	1.00	1.20	1.80	3.20	4.60	52.70
1970	*****	*****	*****	*****	0.50	0.90	1.20	1.90	3.30	4.90	62.20
1971	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	35.00
1972	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	36.30
1973	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	59.00

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	AMM	LATITUDE	LONGITUDE	COUNTY
F90 7107 0	POTTER VALLEY 3NNW	1060	6	17N	11W		M	39.367	123.002	MENDOCIND

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.17	0.20	0.31	0.47	0.77	1.01	1.62	2.55	3.64	42.99
5	0.17	0.23	0.27	0.42	0.63	1.03	1.36	2.18	3.44	4.90	53.34
10	0.19	0.27	0.32	0.48	0.73	1.20	1.58	2.55	4.01	5.72	59.21
20	0.22	0.30	0.36	0.55	0.83	1.36	1.79	2.88	4.54	6.47	64.30
25	0.23	0.31	0.37	0.57	0.86	1.41	1.86	2.99	4.70	6.70	65.82
40	0.23	0.32	0.38	0.58	0.88	1.43	1.89	3.04	4.78	6.82	68.89
50	0.25	0.35	0.41	0.63	0.95	1.56	2.05	3.30	5.20	7.41	70.29
100	0.28	0.38	0.45	0.69	1.04	1.70	2.24	3.61	5.68	8.10	74.44
200	0.30	0.41	0.49	0.74	1.13	1.84	2.43	3.90	6.15	8.76	78.36
1000	0.35	0.48	0.57	0.87	1.32	2.16	2.84	4.57	7.20	10.26	86.77
10000	0.42	0.58	0.68	1.04	1.58	2.59	3.42	5.49	8.65	12.32	97.68
PMP	0.83	1.14	1.35	2.06	3.13	5.12	6.75	10.84	17.08	24.35	219.71
MEAN	0.132	0.181	0.216	0.329	0.499	0.817	1.077	1.731	2.726	3.886	43.766
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.963	2.415	2.547	2.480	1.846	1.301	-0.051	0.499	0.089	0.494	0.354
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.406 ; INTERCEPT (TIME=1 HOUR) =0.527 ; COEFFICIENT OF DETERMINATION = 0.986
1HR INTERCEPT / MEAN YR =0.01203 ; AVERAGE CALC CV / USED CV = 1.53

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	6.259	8.923	10.101	10.631	7.485	6.685	3.150	5.101	3.172	3.582	3.164
N	14	14	14	14	17	17	17	17	17	17	18
RECORD YEAR	1958	1958	1958	1958	1958	1958	1958	1955	1955	1955	1970
RECORD MAXIMUM	0.420	0.600	0.680	0.830	1.030	1.500	1.500	2.710	4.440	6.950	62.200
NORMILIZED MAX	2.391	2.912	3.039	3.092	2.999	2.867	1.806	2.547	2.092	2.232	2.007
CALC. CDEF. VAR	0.911	0.792	0.708	0.492	0.354	0.292	0.217	0.222	0.300	0.353	0.210
REGN. CDEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED CDEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0030	0.0041	0.0049	0.0075	0.0114	0.0187	0.0246	0.0395	0.0623	0.0888	1.0000
RP10/A	0.0044	0.0061	0.0072	0.0111	0.0168	0.0275	0.0362	0.0582	0.0916	0.1306	1.3529
RP25/A	0.0052	0.0072	0.0085	0.0130	0.0197	0.0322	0.0425	0.0682	0.1075	0.1532	1.5039
RP50/A	0.0058	0.0079	0.0094	0.0143	0.0218	0.0356	0.0469	0.0754	0.1188	0.1694	1.6060
RP100/A	0.0063	0.0086	0.0103	0.0157	0.0238	0.0389	0.0513	0.0824	0.1298	0.1850	1.7009
RP1000/A	0.0080	0.0109	0.0130	0.0199	0.0301	0.0493	0.0650	0.1044	0.1645	0.2345	1.9825
RP10000/A	0.0096	0.0131	0.0156	0.0239	0.0362	0.0592	0.0780	0.1254	0.1975	0.2816	2.2320
PMP/A	0.0189	0.0260	0.0309	0.0471	0.0715	0.1170	0.1542	0.2477	0.3903	0.5563	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F90 710P 0	POTTER VALLEY 3SE	1100	27	17N	11W		M	39.300	123.067	MENDOCINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1953	*****	*****	0.20	0.29	0.36	0.69	0.99	1.58	2.22	2.39	30.63
1954	*****	*****	0.15	0.23	0.39	0.60	0.78	1.29	2.00	3.75	31.27
1955	*****	*****	0.19	0.23	0.40	0.64	0.98	1.74	3.00	4.50	32.67
1956	*****	*****	0.28	0.34	0.48	0.71	0.90	1.38	1.88	3.13	27.35
1957	*****	*****	0.45	0.47	0.47	0.71	0.95	1.60	1.92	2.89	38.07
1958	*****	*****	0.32	0.39	0.69	0.73	1.06	1.70	2.54	3.14	44.22
1959	*****	*****	0.30	0.39	0.53	1.02	1.46	2.47	3.31	3.64	22.78
1960	*****	*****	0.17	0.22	0.42	0.66	0.87	1.47	2.35	3.74	37.31
1961	*****	*****	*****	*****	0.32	0.59	0.77	1.10	1.87	2.32	29.16
1962	*****	*****	0.52	0.70	0.98	0.92	1.10	1.73	2.20	3.68	31.73
1963	*****	*****	0.19	0.21	0.39	0.53	0.70	1.20	2.00	2.69	29.73
1964	*****	*****	0.21	0.37	0.67	1.00	1.38	2.29	3.93	5.86	37.39
1965	*****	*****	0.20	0.28	0.47	0.74	0.92	1.44	2.00	2.41	23.86
1966	*****	*****	0.26	0.34	0.44	0.65	0.81	1.17	2.22	3.39	27.34
1967	*****	*****	0.18	0.22	0.41	0.69	0.93	1.54	2.15	3.87	32.25
1968	*****	*****	0.20	0.23	0.40	0.66	0.85	1.19	1.90	2.85	36.20
1969	*****	*****	0.19	0.28	0.47	0.68	0.83	1.19	2.26	2.90	37.84
1970	*****	*****	0.18	0.26	0.40	0.62	0.81	1.36	2.42	3.49	42.97
1971	*****	*****	0.19	0.24	0.43	0.53	0.71	1.12	1.88	3.66	27.48
1972	*****	*****	0.22	0.28	0.39	0.54	0.69	0.92	1.29	2.48	25.82
1973	*****	*****	0.21	0.38	0.52	0.59	0.68	0.97	1.64	2.48	39.89
1974	*****	*****	0.20	0.31	0.41	0.61	0.81	1.36	2.33	3.56	30.70

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F90 710P 0	POTTER VALLEY 3SE	1100	27	17N	11W		M	39.300	123.067	MENDOCINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.22	0.30	0.44	0.64	0.85	1.35	2.10	3.10	31.99
5	0.0	0.0	0.30	0.40	0.59	0.87	1.15	1.82	2.83	4.17	39.70
10	0.0	0.0	0.35	0.47	0.69	1.01	1.34	2.13	3.30	4.87	44.07
20	0.0	0.0	0.40	0.53	0.78	1.14	1.51	2.41	3.73	5.51	47.86
25	0.0	0.0	0.41	0.55	0.81	1.18	1.57	2.49	3.87	5.71	48.99
40	0.0	0.0	0.42	0.56	0.82	1.21	1.59	2.54	3.93	5.81	51.28
50	0.0	0.0	0.46	0.60	0.90	1.31	1.73	2.76	4.27	6.31	52.32
100	0.0	0.0	0.50	0.66	0.98	1.43	1.89	3.01	4.67	6.89	55.41
200	0.0	0.0	0.54	0.72	1.06	1.55	2.05	3.26	5.05	7.46	58.32
1000	0.0	0.0	0.63	0.84	1.24	1.81	2.40	3.82	5.92	8.74	64.58
10000	0.0	0.0	0.76	1.01	1.49	2.18	2.88	4.58	7.11	10.49	72.71
PMP	0.0	0.0	1.49	1.99	2.94	4.30	5.69	9.06	14.04	20.73	163.53
MEAN	0.0	0.0	0.239	0.317	0.470	0.687	0.908	1.446	2.241	3.309	32.575
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	2.086	2.104	2.004	1.418	1.502	1.250	1.475	1.400	0.315
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.461 ; INTERCEPT (TIME=1 HOUR) =0.482 ; COEFFICIENT OF DETERMINATION = 0.992
1HR INTERCEPT / MEAN YR =0.01478 ; AVERAGE CALC CV / USED CV = 0.82

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	7.279	8.938	7.508	4.935	5.568	5.057	6.289	6.486	2.688
N	0	0	21	21	22	22	22	22	22	22	22
RECORD YEAR	0	0	1962	1962	1962	1959	1959	1959	1964	1964	1958
RECORD MAXIMUM	0.0	0.0	0.520	0.700	0.880	1.020	1.460	2.470	3.930	5.860	44.220
NORMILIZED MAX	0.0	0.0	3.024	3.386	3.206	2.471	2.728	2.672	2.971	3.115	1.959
CALC. COEF. VAR	0.0	0.0	0.390	0.356	0.272	0.196	0.223	0.265	0.254	0.247	0.182
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0	0.0	0.0073	0.0097	0.0144	0.0211	0.0279	0.0444	0.0688	0.1016	1.0000
RP10/A	0.0	0.0	0.0108	0.0143	0.0212	0.0310	0.0410	0.0653	0.1012	0.1494	1.3529
RP25/A	0.0	0.0	0.0126	0.0168	0.0249	0.0364	0.0481	0.0766	0.1187	0.1752	1.5039
RP50/A	0.0	0.0	0.0140	0.0186	0.0275	0.0402	0.0532	0.0847	0.1312	0.1937	1.6060
RP100/A	0.0	0.0	0.0153	0.0203	0.0301	0.0439	0.0581	0.0925	0.1433	0.2116	1.7009
RP1000/A	0.0	0.0	0.0193	0.0257	0.0381	0.0557	0.0736	0.1172	0.1817	0.2682	1.9825
RP10000/A	0.0	0.0	0.0232	0.0309	0.0457	0.0669	0.0884	0.1407	0.2182	0.3221	2.2320
PMP/A	0.0	0.0	0.0459	0.0610	0.0904	0.1321	0.1747	0.2781	0.4311	0.6364	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F90 7351 0	REDWOOD VALLEY	718	9	16N	12W		M	39.267	123.200	MENDOCINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1938	*****	*****	*****	*****	0.45	*****	*****	*****	*****	2.80	41.06
1939	*****	*****	*****	*****	0.27	*****	*****	*****	*****	1.21	19.09
1940	0.15	0.23	0.26	0.44	0.52	0.68	1.00	1.71	2.57	3.18	49.12
1941	0.20	0.25	0.32	0.40	0.57	0.73	0.87	1.26	1.79	2.82	54.52
1942	0.05	0.08	0.11	0.16	0.32	0.64	0.83	1.51	2.60	3.11	42.67
1943	0.09	0.11	0.16	0.25	0.38	0.55	0.83	1.50	2.66	3.70	26.95
1944	0.05	0.10	0.11	0.21	0.37	0.63	0.83	1.19	1.34	1.69	34.51
1945	0.11	0.14	0.15	0.19	0.31	0.58	0.77	1.33	2.40	3.92	40.78
1946	0.07	0.10	0.15	0.29	0.52	0.85	0.96	1.73	2.11	2.40	20.39
1947	0.06	0.11	0.16	0.28	0.48	0.72	0.91	1.40	2.01	2.44	23.24
1948	0.06	0.10	0.13	0.20	0.34	0.51	0.65	1.03	1.69	2.93	36.10
1949	0.05	0.10	0.14	0.24	0.30	0.46	0.64	1.06	1.14	1.41	21.28
1950	0.16	0.18	0.24	0.32	0.49	0.82	1.00	1.86	3.16	5.42	45.25
1951	0.17	0.21	0.25	0.32	0.44	0.88	1.24	2.41	3.10	4.13	45.46
1952	0.08	0.16	0.22	0.28	0.38	0.64	0.95	1.65	2.41	3.68	46.20
1953	0.20	0.24	0.28	0.32	0.54	0.57	0.72	1.30	2.04	2.88	33.30
1954	0.08	0.15	0.20	0.36	0.45	0.60	0.75	1.37	2.02	3.73	36.94
1955	0.05	0.10	0.15	0.27	0.48	0.86	1.25	2.22	3.62	5.15	36.08
1956	0.09	0.14	0.19	0.30	0.43	0.66	0.80	1.30	2.22	3.72	30.51
1957	0.24	0.29	0.31	0.40	0.50	0.66	0.88	1.66	2.04	2.40	42.35
1958	0.15	0.16	0.22	0.26	0.42	0.74	0.95	1.81	3.05	3.76	44.88
1959	0.06	0.10	0.15	0.23	0.34	0.65	0.94	1.66	2.51	3.16	23.98
1960	0.16	0.20	0.26	0.32	0.40	0.62	0.88	1.56	2.50	3.09	42.87
1961	0.08	0.12	0.18	0.24	0.36	0.55	0.77	1.17	2.10	2.87	32.07
1962	0.20	0.35	0.43	0.60	0.69	0.77	0.95	1.77	2.88	3.86	33.73
1963	0.08	0.15	0.16	0.20	0.38	0.74	1.01	1.58	2.37	3.00	29.77
1964	0.10	0.16	0.24	0.29	0.34	0.67	0.95	1.49	2.60	4.02	38.41
1965	0.10	0.12	0.17	0.34	0.54	0.88	1.17	1.73	2.19	2.79	29.85
1966	0.11	0.15	0.20	0.31	0.43	0.69	0.84	1.31	2.61	3.95	29.72
1967	0.10	0.20	0.30	0.34	0.36	0.58	0.76	1.27	2.03	3.83	33.98
1968	0.11	0.15	0.22	0.35	0.45	0.70	1.03	1.73	2.43	4.09	40.00
1969	0.10	0.11	0.13	0.22	0.31	0.49	0.67	1.18	1.55	1.76	40.91
1970	0.06	0.10	0.12	0.24	0.43	0.70	0.88	1.53	2.38	3.65	50.26
1971	0.08	0.11	0.15	0.20	0.29	0.44	0.62	1.06	1.31	2.14	32.45

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F90 7351 0	REDWOOD VALLEY	718	9	16N	12W		M	39.267	123.200	MENDOCINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.10	0.15	0.19	0.27	0.39	0.62	0.83	1.42	2.15	3.00	35.49
5	0.14	0.20	0.25	0.37	0.53	0.84	1.12	1.91	2.90	4.03	44.04
10	0.16	0.23	0.30	0.43	0.62	0.98	1.30	2.22	3.37	4.70	48.89
20	0.18	0.26	0.34	0.49	0.70	1.11	1.47	2.51	3.82	5.32	53.09
25	0.19	0.27	0.35	0.51	0.72	1.15	1.53	2.61	3.96	5.51	54.35
40	0.19	0.27	0.35	0.51	0.74	1.17	1.55	2.65	4.03	5.61	56.88
50	0.21	0.30	0.39	0.56	0.80	1.27	1.69	2.88	4.38	6.10	58.04
100	0.22	0.32	0.42	0.61	0.87	1.38	1.84	3.15	4.78	6.66	61.47
200	0.24	0.35	0.46	0.66	0.95	1.50	1.99	3.41	5.17	7.21	64.70
1000	0.28	0.41	0.53	0.77	1.11	1.75	2.34	3.99	6.06	8.44	71.64
10000	0.34	0.49	0.64	0.93	1.33	2.11	2.80	4.79	7.28	10.14	80.66
PMP	0.68	0.97	1.26	1.83	2.63	4.16	5.54	9.46	14.38	20.03	181.41
MEAN	0.108	0.155	0.202	0.293	0.419	0.664	0.884	1.511	2.295	3.197	36.138
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.954	1.360	1.139	1.434	0.664	0.135	0.515	0.807	0.015	-0.006	-0.103
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.419 ; INTERCEPT (TIME=1 HOUR) =0.445 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.01231 ; AVERAGE CALC CV / USED CV = 0.87

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.210	4.913	4.726	6.794	3.696	2.826	3.528	4.220	3.466	3.450	2.654
N	32	32	32	32	34	32	32	32	32	34	34
RECORD YEAR	1957	1962	1962	1962	1962	1951	1955	1951	1955	1950	1941
RECORD MAXIMUM	0.240	0.350	0.430	0.600	0.690	0.880	1.250	2.410	3.620	5.420	54.520
NORMALIZED MAX	2.531	3.081	3.132	3.514	2.882	1.841	2.323	2.832	2.389	2.338	2.058
CALC. COEF. VAR	0.484	0.407	0.361	0.299	0.224	0.177	0.178	0.210	0.242	0.297	0.247
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0030	0.0043	0.0056	0.0081	0.0116	0.0184	0.0245	0.0418	0.0635	0.0885	1.0000
RP10/A	0.0044	0.0063	0.0082	0.0119	0.0171	0.0270	0.0360	0.0615	0.0934	0.1301	1.3529
RP25/A	0.0051	0.0074	0.0096	0.0140	0.0200	0.0317	0.0422	0.0721	0.1095	0.1526	1.5039
RP50/A	0.0057	0.0082	0.0107	0.0155	0.0221	0.0350	0.0467	0.0797	0.1211	0.1687	1.6060
RP100/A	0.0062	0.0090	0.0116	0.0169	0.0242	0.0383	0.0510	0.0871	0.1323	0.1843	1.7009
RP1000/A	0.0079	0.0113	0.0147	0.0214	0.0306	0.0485	0.0646	0.1104	0.1677	0.2336	1.9825
RP10000/A	0.0095	0.0136	0.0177	0.0257	0.0368	0.0583	0.0776	0.1325	0.2013	0.2805	2.2320
PMP/A	0.0187	0.0269	0.0350	0.0508	0.0727	0.1151	0.1533	0.2619	0.3978	0.5542	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUF										
B00 4884 0	LE GRAND	255	17	OBS	16E	N	M	37.231	120.247	MERCED

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
1961	*****	*****	0.22	0.28	0.29	0.39	0.53	0.91	0.92	0.92	6.17
1962	*****	*****	0.20	0.23	0.29	0.40	0.49	0.70	0.94	1.46	12.10
1963	*****	*****	0.18	0.27	0.34	0.48	0.60	1.05	1.75	2.15	13.45
1964	*****	*****	0.16	0.30	0.60	0.82	1.10	1.32	1.32	1.32	8.66
1965	*****	*****	0.57	0.79	0.91	0.92	0.92	1.00	1.19	1.48	14.82
1966	*****	*****	0.25	0.35	0.42	0.48	0.65	0.73	1.02	1.24	9.54
1967	*****	*****	0.46	0.47	0.47	0.47	0.54	0.69	0.86	1.44	16.37
1968	*****	*****	0.27	0.40	0.63	0.81	0.96	1.15	1.70	2.14	10.15
1969	*****	*****	0.26	0.35	0.51	0.69	0.75	1.04	1.48	2.36	22.47
1970	*****	*****	0.21	0.27	0.34	0.39	0.50	0.85	0.87	1.45	11.13
1971	*****	*****	0.21	0.32	0.48	0.54	0.55	0.77	0.78	0.95	10.10
1972	*****	*****	0.20	0.21	0.31	0.57	0.69	0.83	0.83	0.83	5.81
1973	*****	*****	0.19	0.24	0.39	0.56	0.67	0.95	1.51	2.02	18.27
1974	*****	*****	0.19	0.31	0.42	0.52	0.52	0.92	1.18	1.56	13.46

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUF										
B00 4884 0	LE GRAND	255	17	OBS	16E	N	M	37.231	120.247	MERCED

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
2	0.0	0.0	0.24	0.32	0.43	0.54	0.63	0.87	1.10	1.43	12.02
5	0.0	0.0	0.32	0.43	0.57	0.72	0.85	1.16	1.46	1.91	15.22
10	0.0	0.0	0.37	0.50	0.67	0.84	0.99	1.34	1.70	2.22	17.07
20	0.0	0.0	0.42	0.56	0.75	0.95	1.11	1.52	1.92	2.51	18.68
25	0.0	0.0	0.43	0.58	0.78	0.98	1.15	1.57	1.99	2.60	19.17
40	0.0	0.0	0.44	0.59	0.79	1.00	1.17	1.60	2.02	2.64	20.16
50	0.0	0.0	0.48	0.64	0.86	1.08	1.27	1.73	2.20	2.87	20.61
100	0.0	0.0	0.52	0.70	0.94	1.18	1.39	1.89	2.40	3.13	21.95
200	0.0	0.0	0.57	0.76	1.01	1.27	1.50	2.05	2.59	3.38	23.23
1000	0.0	0.0	0.66	0.89	1.19	1.49	1.75	2.39	3.03	3.95	25.99
10000	0.0	0.0	0.79	1.06	1.42	1.79	2.10	2.87	3.63	4.73	29.61
PMP	0.0	0.0	1.56	2.09	2.80	3.51	4.14	5.64	7.14	9.31	66.10
MEAN	0.0	0.0	0.255	0.342	0.457	0.574	0.676	0.922	1.168	1.523	12.321
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	2.137	2.469	1.581	0.897	1.143	0.666	0.580	0.334	0.677
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.611 ; INTERCEPT (TIME=1 HOUR) =0.444 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.03607 ; AVERAGE CALC CV / USED CV = 1.08

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
KURTOSIS	0.0	0.0	7.350	10.247	6.421	3.301	3.897	3.813	2.577	2.789	3.973
N	0	0	14	14	14	14	14	14	14	14	14
RECORD YEAR	0	0	1965	1965	1965	1965	1964	1964	1963	1969	1969
RECORD MAXIMUM	0.0	0.0	0.570	0.790	0.910	0.920	1.100	1.320	1.750	2.360	22.470
NORMALIZED MAX	0.0	0.0	2.708	3.060	2.680	2.022	2.210	2.202	1.747	1.733	2.202
CALC. COEF. VAR	0.0	0.0	0.456	0.428	0.370	0.298	0.283	0.196	0.285	0.317	0.374
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0	0.0207	0.0278	0.0371	0.0466	0.0549	0.0748	0.0948	0.1236	1.0000
RP10/A	0.0	0.0	0.0302	0.0405	0.0541	0.0679	0.0800	0.1091	0.1381	0.1801	1.3850
RP25/A	0.0	0.0	0.0353	0.0473	0.0632	0.0794	0.0936	0.1276	0.1615	0.2107	1.5559
RP50/A	0.0	0.0	0.0389	0.0522	0.0698	0.0877	0.1033	0.1408	0.1783	0.2325	1.6725
RP100/A	0.0	0.0	0.0425	0.0570	0.0762	0.0957	0.1127	0.1536	0.1945	0.2537	1.7815
RP1000/A	0.0	0.0	0.0537	0.0720	0.0962	0.1209	0.1424	0.1941	0.2458	0.3206	2.1090
RP10000/A	0.0	0.0	0.0643	0.0863	0.1153	0.1449	0.1707	0.2327	0.2947	0.3843	2.4030
PMP/A	0.0	0.0	0.1266	0.1698	0.2269	0.2850	0.3357	0.4577	0.5796	0.7558	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
800 5535 0	MERCED	188	19	07S	14E	A	M	37.315	120.470	MERCED

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.11	0.16	0.20	0.27	0.30	0.42	0.63	0.85	1.35	1.64	17.24
1941	0.26	0.27	0.28	0.29	0.42	0.57	0.69	0.91	1.35	1.40	17.14
1942	0.14	0.19	0.20	0.23	0.36	0.41	0.46	0.59	0.93	1.15	12.48
1943	0.08	0.11	0.13	0.24	0.33	0.46	0.50	0.66	1.14	1.59	9.77
1944	0.27	0.38	0.50	0.64	0.67	0.81	0.85	0.86	0.94	1.24	15.22
1945	0.16	0.18	0.22	0.26	0.31	0.43	0.51	0.61	0.89	1.04	11.69
1946	0.16	0.27	0.31	0.44	0.50	0.58	0.73	1.06	1.26	1.38	11.18
1947	0.08	0.15	0.18	0.25	0.25	0.32	0.36	0.41	0.56	0.59	5.50
1948	0.13	0.23	0.30	0.40	0.49	0.57	0.59	0.76	0.92	1.20	10.98
1949	0.30	0.50	0.66	0.70	0.79	0.81	0.81	0.82	0.82	0.93	8.76
1950	0.30	0.31	0.32	0.36	0.46	0.71	0.76	1.20	1.84	2.72	15.58
1951	0.22	0.37	0.45	0.50	0.58	0.59	0.60	0.94	1.20	1.21	11.36
1952	0.20	0.29	0.37	0.61	0.76	0.80	1.20	1.28	1.37	2.10	15.57
1953	0.10	0.18	0.25	0.48	0.78	1.05	1.23	1.37	1.57	1.70	6.87
1954	*****	*****	*****	*****	0.35	0.47	0.59	0.84	1.02	1.33	9.95
1955	0.17	0.28	0.30	0.31	0.37	0.60	0.82	1.29	2.00	2.41	14.19
1956	0.14	0.27	0.36	0.59	0.77	0.87	1.06	1.09	1.20	1.30	8.49
1957	0.11	0.18	0.20	0.34	0.54	0.77	0.87	0.87	1.46	1.82	12.05
1958	0.11	0.18	0.19	0.32	0.38	0.62	0.68	1.03	1.41	1.96	18.76
1959	0.27	0.44	0.55	0.90	1.00	1.05	1.06	1.18	1.46	1.70	9.18
1960	0.11	0.17	0.23	0.40	0.41	0.42	0.64	0.70	0.92	1.10	9.61
1961	0.10	0.18	0.20	0.24	0.28	0.54	0.57	0.58	0.88	1.45	9.58
1962	0.25	0.31	0.34	0.51	0.60	0.61	0.63	0.76	0.85	1.34	10.85
1963	0.21	0.30	0.31	0.31	0.38	0.73	0.93	0.99	1.45	1.53	14.38
1964	0.18	0.20	0.21	0.23	0.32	0.46	0.55	0.94	1.18	1.34	10.43
1965	0.10	0.18	0.19	0.28	0.41	0.51	0.63	0.82	0.84	1.31	11.65
1966	0.11	0.12	0.13	0.13	0.25	0.37	0.54	0.72	0.89	1.33	6.95
1967	0.10	0.16	0.23	0.26	0.40	0.69	0.93	0.96	0.98	1.01	12.98
1968	0.22	0.42	0.46	0.48	0.50	0.50	0.52	0.89	1.30	1.57	12.50
1969	0.08	0.16	0.24	0.36	0.37	0.50	0.68	1.01	1.39	1.64	17.28
1970	0.18	0.22	0.24	0.25	0.35	0.55	0.70	0.90	1.01	1.05	13.30
1971	0.08	0.13	0.17	0.20	0.25	0.42	0.50	0.70	0.71	1.03	7.95
1972	0.26	0.30	0.35	0.36	0.38	0.49	0.51	0.86	0.90	1.32	8.42
1973	*****	*****	*****	*****	0.43	0.47	0.58	0.91	1.18	1.60	17.17
1974	*****	*****	*****	*****	0.40	0.49	0.52	0.97	1.23	1.65	10.32

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
800 5535 0	MERCED	188	19	07S	14E	A	M	37.315	120.470	MERCED

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS M=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.16	0.23	0.27	0.36	0.43	0.55	0.66	0.84	1.08	1.36	11.58
5	0.21	0.31	0.36	0.48	0.58	0.74	0.88	1.12	1.46	1.82	14.66
10	0.24	0.35	0.42	0.55	0.67	0.86	1.02	1.30	1.68	2.11	16.44
20	0.27	0.40	0.48	0.62	0.76	0.97	1.15	1.47	1.90	2.38	17.99
25	0.28	0.41	0.49	0.65	0.79	1.01	1.19	1.53	1.97	2.47	18.46
40	0.29	0.42	0.50	0.66	0.80	1.02	1.21	1.55	2.00	2.51	19.41
50	0.31	0.46	0.55	0.71	0.87	1.11	1.31	1.68	2.17	2.72	19.85
100	0.34	0.50	0.59	0.78	0.95	1.21	1.43	1.84	2.37	2.97	21.14
200	0.37	0.54	0.64	0.84	1.02	1.31	1.55	1.99	2.56	3.21	22.37
1000	0.43	0.63	0.75	0.98	1.20	1.53	1.81	2.32	2.99	3.76	25.03
10000	0.51	0.76	0.90	1.18	1.43	1.84	2.17	2.78	3.59	4.50	28.52
PMP	1.01	1.49	1.77	2.32	2.82	3.61	4.27	5.47	7.06	8.85	63.66
MEAN	0.165	0.243	0.290	0.379	0.461	0.590	0.698	0.895	1.154	1.448	11.867
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.518	0.905	1.267	1.254	1.268	1.026	1.013	0.186	0.627	1.001	0.302
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.618 ; INTERCEPT (TIME=1 HOUR) =0.467 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.03932 ; AVERAGE CALC CV / USED CV = 1.13

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	2.173	3.425	4.661	4.800	4.331	3.840	3.699	3.334	3.655	5.199	2.555
N	32	32	32	32	35	35	35	35	35	35	35
RECORD YEAR	1949	1949	1949	1959	1959	1953	1953	1953	1955	1950	1958
RECORD MAXIMUM	0.300	0.500	0.660	0.900	1.000	1.050	1.230	1.370	2.000	2.720	18.760
NORMALIZED MAX	1.893	2.601	2.983	3.088	2.981	2.560	2.532	2.223	2.703	3.064	2.044
CALC. COEF. VAR	0.430	0.405	0.429	0.444	0.392	0.304	0.301	0.239	0.271	0.287	0.284
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0139	0.0205	0.0244	0.0320	0.0389	0.0497	0.0588	0.0754	0.0973	0.1220	1.0000
RP10/A	0.0202	0.0299	0.0356	0.0466	0.0566	0.0725	0.0857	0.1099	0.1417	0.1778	1.3850
RP25/A	0.0237	0.0350	0.0416	0.0545	0.0662	0.0848	0.1003	0.1286	0.1658	0.2080	1.5559
RP50/A	0.0262	0.0386	0.0459	0.0601	0.0731	0.0936	0.1107	0.1419	0.1830	0.2296	1.6725
RP100/A	0.0286	0.0421	0.0501	0.0656	0.0798	0.1021	0.1207	0.1548	0.1997	0.2505	1.7815
RP1000/A	0.0361	0.0532	0.0633	0.0829	0.1008	0.1290	0.1526	0.1956	0.2523	0.3165	2.1090
RP10000/A	0.0433	0.0638	0.0759	0.0994	0.1208	0.1547	0.1829	0.2345	0.3024	0.3794	2.4030
PMP/A	0.0852	0.1254	0.1493	0.1955	0.2376	0.3042	0.3597	0.4613	0.5948	0.7462	5.3650

PEARSON TYPE III DISTRIBUTION USED
RPOBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BHM	LATITUDE	LONGITUDE	COUNTY
880 6583 0	PACHECO PASS	850	10	10S	07E	8	M	37.067	121.204	MERCED

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1950	0.15	0.18	0.20	0.26	0.50	0.93	1.40	2.22	4.11	5.88	21.22
1951	0.14	0.19	0.20	0.21	0.34	0.60	0.86	1.19	1.62	1.76	13.26
1952	0.22	0.40	0.45	0.54	0.59	0.61	0.79	1.26	1.75	1.75	17.95
1953	0.05	0.09	0.12	0.20	0.38	0.59	0.71	1.00	1.02	1.02	5.04
1954	0.37	0.38	0.46	0.50	0.55	0.66	0.76	0.77	0.95	1.20	11.74
1955	0.10	0.18	0.21	0.38	0.74	1.30	1.75	2.75	4.02	5.30	16.95
1956	0.02	0.04	0.06	0.12	0.21	0.29	0.34	0.63	1.16	1.32	7.81
1957	0.13	0.23	0.28	0.32	0.46	0.69	0.89	1.22	1.32	1.53	16.22
1958	0.08	0.10	0.15	0.30	0.48	0.70	0.82	1.16	1.66	2.05	19.46
1959	0.06	0.08	0.10	0.20	0.39	0.70	0.99	1.79	2.41	2.93	12.85
1960	0.06	0.08	0.10	0.18	0.33	0.62	0.86	1.35	1.64	1.64	11.24
1961	0.04	0.08	0.11	0.20	0.39	0.55	0.72	0.78	1.17	1.63	7.69
1962	0.08	0.12	0.18	0.19	0.37	0.47	0.62	1.10	1.40	1.51	9.34
1963	0.16	0.21	0.25	0.32	0.54	0.83	1.15	1.64	2.14	3.50	17.73
1964	0.07	0.12	0.22	0.23	0.24	0.38	0.46	0.65	0.94	1.12	12.21
1965	0.20	0.33	0.42	0.64	0.65	0.68	0.71	1.01	1.26	1.49	14.17
1966	0.06	0.09	0.13	0.19	0.26	0.49	0.58	0.98	1.29	1.90	8.30
1967	0.06	0.09	0.10	0.16	0.31	0.55	0.76	0.96	1.12	1.51	11.85
1968	*****	*****	0.12	0.22	0.27	0.42	0.51	0.55	0.73	1.01	9.24
1969	*****	*****	0.15	0.30	0.45	0.70	0.83	1.13	1.67	3.08	19.65
1970	*****	*****	0.19	0.38	0.52	0.78	1.18	1.88	2.05	2.27	17.12
1971	*****	*****	0.14	0.23	0.32	0.55	0.73	0.90	0.99	1.10	7.52
1972	*****	*****	0.14	0.25	0.47	0.72	0.97	1.41	1.71	2.20	10.01
1973	*****	*****	0.27	0.34	0.40	0.51	0.66	0.70	0.90	1.44	16.90

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BHM	LATITUDE	LONGITUDE	COUNTY
880 6583 0	PACHECO PASS	850	10	10S	07E	8	M	37.067	121.204	MERCED

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.10	0.15	0.18	0.27	0.39	0.59	0.77	1.12	1.51	1.94	12.78
5	0.14	0.22	0.26	0.37	0.55	0.83	1.09	1.57	2.11	2.72	16.67
10	0.17	0.26	0.30	0.44	0.65	0.98	1.29	1.86	2.51	3.22	18.92
20	0.20	0.29	0.35	0.50	0.75	1.13	1.47	2.13	2.87	3.68	20.89
25	0.20	0.30	0.36	0.52	0.78	1.17	1.53	2.22	2.98	3.83	21.48
40	0.21	0.31	0.37	0.53	0.79	1.19	1.56	2.26	3.04	3.90	22.68
50	0.23	0.34	0.40	0.58	0.86	1.30	1.70	2.47	3.32	4.27	23.23
100	0.25	0.37	0.44	0.64	0.95	1.43	1.87	2.71	3.65	4.69	24.86
200	0.27	0.41	0.48	0.70	1.03	1.56	2.04	2.95	3.97	5.10	26.42
1000	0.32	0.48	0.57	0.82	1.22	1.84	2.41	3.49	4.69	6.02	29.78
10000	0.39	0.58	0.69	1.00	1.48	2.23	2.91	4.22	5.68	7.30	34.19
PMP	0.78	1.17	1.39	2.01	2.98	4.50	5.88	8.52	11.46	14.72	78.60
MEAN	0.111	0.166	0.198	0.286	0.423	0.638	0.835	1.210	1.626	2.089	13.145
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.369	1.134	1.338	1.382	0.507	1.412	1.315	1.351	2.005	2.024	0.084
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.444 ; INTERCEPT (TIME=1 HOUR) =0.436 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.03314 ; AVERAGE CALC CV / USED CV = 1.18

KURTOSIS	5.201	3.715	4.399	4.899	3.265	7.369	5.884	5.202	7.191	7.003	2.238
N	18	18	24	24	24	24	24	24	24	24	24
RECORD YEAR	1954	1952	1954	1965	1955	1955	1955	1955	1950	1950	1950
RECORD MAXIMUM	0.320	0.400	0.460	0.640	0.740	1.300	1.750	2.750	4.110	5.880	21.220
NORMILIZED MAX	2.727	2.165	2.372	2.783	2.378	2.284	3.010	2.905	2.882	3.011	1.780
CALC. COEF. VAR	0.690	0.650	0.558	0.445	0.315	0.316	0.364	0.438	0.530	0.603	0.345
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0085	0.0126	0.0151	0.0217	0.0322	0.0486	0.0635	0.0920	0.1237	0.1589	1.0000
RP10/A	0.0130	0.0195	0.0232	0.0335	0.0496	0.0748	0.0978	0.1417	0.1906	0.2448	1.4393
RP25/A	0.0155	0.0232	0.0276	0.0398	0.0590	0.0890	0.1163	0.1686	0.2267	0.2913	1.6342
RP50/A	0.0173	0.0258	0.0307	0.0444	0.0658	0.0991	0.1296	0.1879	0.2526	0.3245	1.7672
RP100/A	0.0190	0.0284	0.0338	0.0488	0.0723	0.1090	0.1425	0.2065	0.2776	0.3566	1.8917
RP1000/A	0.0244	0.0364	0.0434	0.0627	0.0929	0.1400	0.1831	0.2653	0.3567	0.4583	2.2652
RP10000/A	0.0295	0.0441	0.0526	0.0759	0.1125	0.1696	0.2217	0.3214	0.4321	0.5551	2.6007
PMP/A	0.0596	0.0890	0.1061	0.1532	0.2269	0.3421	0.4473	0.6483	0.8716	1.1197	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
880 8517 0	STAYTON MINE	2975	5	12S	07E		M	36.917	121.217	MERCED

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
	DURATION										
1940	*****	*****	0.19	0.34	0.66	1.10	1.74	2.01	3.78	4.54	39.05
1941	*****	*****	0.21	0.31	0.59	0.88	0.92	1.16	1.44	1.96	35.45
1942	*****	*****	0.20	0.30	0.50	0.79	1.20	1.53	1.84	3.06	26.12
1943	*****	*****	0.43	0.44	0.59	0.94	1.05	1.32	1.85	2.75	21.52
1944	*****	*****	0.23	0.37	0.53	0.77	0.85	0.93	1.28	1.57	25.58
1945	*****	*****	0.28	0.35	0.49	0.76	0.88	1.17	1.78	2.93	26.00
1946	*****	*****	0.21	0.34	0.56	1.03	1.46	2.41	3.31	3.80	15.21
1947	*****	*****	0.18	0.22	0.26	0.43	0.49	0.95	1.37	1.43	13.30
1948	*****	*****	0.20	0.30	0.42	0.62	0.75	0.86	1.01	1.44	19.80
1949	*****	*****	0.19	0.33	0.54	0.94	1.09	1.46	1.66	1.80	16.79
1950	*****	*****	0.30	0.42	0.71	1.10	1.57	2.49	4.06	6.42	31.10
1951	*****	*****	0.35	0.36	0.47	0.69	0.80	1.74	1.64	2.42	24.69
1952	*****	*****	0.22	0.23	0.42	0.73	1.01	1.57	1.90	2.25	29.23
1953	*****	*****	0.17	0.25	0.50	0.79	1.00	1.30	1.31	2.47	11.34
1954	0.09	0.16	0.24	0.29	0.44	0.66	0.83	1.26	1.46	1.77	20.78
1955	0.10	0.20	0.30	0.60	1.20	1.76	2.88	3.76	4.89	7.80	29.70
1956	0.10	0.15	0.17	0.25	0.40	0.57	0.77	1.20	1.55	2.07	18.33
1957	0.14	0.24	0.28	0.41	0.69	0.94	1.25	1.65	1.87	2.34	23.20
1958	0.09	0.14	0.16	0.29	0.43	0.68	0.52	1.55	2.44	3.32	29.86
1959	0.19	0.21	0.28	0.52	0.67	1.12	1.31	2.22	3.58	4.84	20.90
1960	0.07	0.14	0.18	0.36	0.67	1.13	1.48	2.00	2.27	2.91	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
880 8517 0	STAYTON MINE	2975	5	12S	07E		M	36.917	121.217	MERCED

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.10	0.16	0.22	0.32	0.52	0.81	1.05	1.50	2.04	2.82	23.24
5	0.14	0.23	0.31	0.45	0.72	1.14	1.47	2.11	2.87	3.96	30.31
10	0.17	0.27	0.36	0.53	0.86	1.35	1.74	2.50	3.40	4.69	34.39
20	0.20	0.31	0.42	0.61	0.98	1.54	1.99	2.86	3.89	5.36	37.97
25	0.20	0.32	0.43	0.64	1.02	1.60	2.07	2.97	4.04	5.58	39.05
40	0.21	0.33	0.44	0.65	1.04	1.63	2.11	3.03	4.11	5.68	41.23
50	0.23	0.36	0.48	0.71	1.14	1.79	2.31	3.31	4.50	6.21	42.23
100	0.25	0.40	0.53	0.78	1.25	1.96	2.54	3.64	4.95	6.83	45.21
200	0.27	0.43	0.58	0.85	1.36	2.14	2.76	3.96	5.38	7.43	48.02
1000	0.32	0.51	0.68	1.00	1.60	2.57	3.26	4.67	6.36	8.77	54.13
10000	0.39	0.62	0.83	1.21	1.94	3.06	3.95	5.66	7.70	10.63	62.15
PMP	0.79	1.25	1.67	2.44	3.97	6.17	7.97	11.42	15.53	21.43	142.91
MEAN	0.111	0.177	0.237	0.347	0.556	0.875	1.131	1.621	2.204	3.042	23.897
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.447	0.639	1.320	1.150	2.073	1.376	2.439	1.723	1.268	1.671	0.229
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.357 ; INTERCEPT (TIME=1 HOUR) =0.558 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.02334 ; AVERAGE CALC CV / USED CV = 0.79

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	6.345	3.618	5.016	4.930	10.162	6.869	11.274	6.982	3.935	5.892	3.108
N	7	7	21	21	21	21	21	21	21	21	20
RECORD YEAR	1959	1957	1943	1955	1955	1955	1955	1955	1955	1955	1940
RECORD MAXIMUM	0.190	0.240	0.430	0.600	1.200	1.760	2.880	3.760	4.890	7.800	39.050
NORMILIZED MAX	1.936	1.593	2.822	2.716	3.491	3.115	3.607	3.151	2.509	2.876	2.095
CALC. COEF. VAR	0.364	0.223	0.288	0.269	0.332	0.325	0.429	0.419	0.486	0.544	0.303
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0047	0.0074	0.0099	0.0145	0.0233	0.0366	0.0473	0.0678	0.0922	0.1273	1.0000
RP10/A	0.0072	0.0114	0.0153	0.0223	0.0359	0.0564	0.0729	0.1045	0.1421	0.1961	1.4393
RP25/A	0.0085	0.0136	0.0181	0.0266	0.0426	0.0671	0.0867	0.1243	0.1690	0.2333	1.6342
RP50/A	0.0095	0.0151	0.0202	0.0296	0.0475	0.0748	0.0966	0.1385	0.1883	0.2599	1.7672
RP100/A	0.0105	0.0166	0.0222	0.0326	0.0522	0.0822	0.1062	0.1522	0.2070	0.2857	1.8917
RP1000/A	0.0134	0.0214	0.0286	0.0418	0.0671	0.1056	0.1365	0.1956	0.2660	0.3671	2.2652
RP10000/A	0.0163	0.0259	0.0346	0.0507	0.0813	0.1279	0.1653	0.2369	0.3221	0.4446	2.6007
PMP/A	0.0328	0.0522	0.0698	0.1022	0.1640	0.2580	0.3334	0.4779	0.6498	0.8969	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A10 161 0	ALTURAS RANGER STATION	4365	13	42N	12E		M	41.483	121.533	MODOC

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	0.10	0.17	0.26	0.27	0.30	0.47	0.48	0.95	15.58
1941	*****	*****	0.09	0.14	0.15	0.24	0.32	0.54	0.85	0.93	15.01
1942	*****	*****	0.12	0.16	0.17	0.23	0.34	0.47	0.58	0.73	14.05
1943	*****	*****	0.13	0.24	0.47	0.61	0.81	1.34	1.83	2.13	12.28
1944	*****	*****	0.23	0.24	0.27	0.28	0.33	0.63	0.85	1.01	11.46
1945	*****	*****	0.26	0.27	0.28	0.36	0.45	0.78	1.28	1.74	16.61
1946	*****	*****	0.22	0.24	0.24	0.39	0.50	0.92	1.30	1.41	8.84
1947	*****	*****	0.12	0.12	0.18	0.27	0.33	0.53	0.70	0.74	9.16
1948	*****	*****	0.12	0.19	0.26	0.46	0.62	0.91	0.91	1.09	14.90
1949	*****	*****	0.23	0.35	0.48	0.72	0.87	1.22	1.34	1.39	11.84
1950	*****	*****	0.14	0.21	0.36	0.47	0.54	0.72	0.89	0.92	13.53
1951	*****	*****	0.09	0.15	0.30	0.45	0.48	0.62	1.07	1.29	13.66
1952	*****	*****	0.57	0.98	1.20	1.20	1.20	1.20	1.20	1.21	20.80
1953	*****	*****	0.13	0.26	0.29	0.31	0.38	0.50	0.61	0.69	14.83
1954	*****	*****	0.27	0.29	0.30	0.40	0.53	0.54	0.60	0.60	11.37
1955	*****	*****	0.07	0.10	0.15	0.36	0.50	0.70	0.82	1.40	11.55
1956	*****	*****	0.90	0.95	0.99	1.00	1.00	1.01	1.01	1.01	14.49
1957	*****	*****	0.25	0.27	0.34	0.36	0.52	0.78	1.09	1.42	16.44
1958	*****	*****	0.19	0.20	0.37	0.45	0.49	0.58	0.77	0.96	14.38
1959	*****	*****	0.06	0.12	0.20	0.36	0.42	0.57	0.59	0.59	7.27
1960	*****	*****	0.08	0.13	0.25	0.31	0.32	0.41	0.72	0.96	11.96
1961	*****	*****	0.20	0.20	0.21	0.34	0.45	0.48	0.54	0.54	7.73
1962	*****	*****	0.08	0.15	0.28	0.48	0.70	1.06	1.42	2.03	15.19
1963	*****	*****	0.12	0.19	0.19	0.26	0.36	0.48	0.59	0.84	13.35
1964	*****	*****	0.11	0.13	0.25	0.35	0.44	0.53	0.85	1.17	15.67
1965	*****	*****	0.35	0.50	0.72	0.82	0.86	0.87	0.98	1.27	14.72
1966	*****	*****	0.11	0.21	0.34	0.42	0.46	0.54	0.54	0.54	9.74
1967	*****	*****	0.13	0.15	0.18	0.35	0.50	0.73	1.07	1.58	10.81
1968	*****	*****	0.14	0.17	0.30	0.41	0.50	0.63	0.80	1.13	12.11
1969	*****	*****	0.45	0.68	0.70	0.93	0.98	0.98	0.98	1.29	15.53
1970	*****	*****	0.27	0.40	0.46	0.50	0.60	0.81	1.09	1.16	16.32
1971	*****	*****	0.22	0.29	0.38	0.51	0.57	0.92	1.27	1.68	13.34
1972	*****	*****	0.44	0.44	0.44	0.44	0.44	0.45	0.65	0.88	11.90
1973	*****	*****	*****	*****	0.14	0.19	0.26	0.37	0.40	0.49	9.31
1974	*****	*****	*****	*****	0.40	0.40	0.40	0.40	0.53	0.56	8.38

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A10 161 0	ALTURAS RANGER STATION	4365	13	42N	12E		M	41.483	121.533	MODOC

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PER100 IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.19	0.26	0.33	0.42	0.49	0.65	0.82	1.01	12.62
5	0.0	0.0	0.27	0.36	0.46	0.58	0.68	0.90	1.14	1.40	15.84
10	0.0	0.0	0.32	0.43	0.54	0.69	0.81	1.07	1.35	1.66	17.73
20	0.0	0.0	0.37	0.49	0.62	0.79	0.93	1.23	1.55	1.90	19.41
25	0.0	0.0	0.38	0.51	0.65	0.82	0.97	1.28	1.61	1.98	19.92
40	0.0	0.0	0.41	0.55	0.70	0.89	1.05	1.38	1.74	2.14	20.95
50	0.0	0.0	0.43	0.57	0.72	0.92	1.08	1.43	1.80	2.21	21.42
100	0.0	0.0	0.47	0.63	0.80	1.01	1.20	1.57	1.99	2.44	22.84
200	0.0	0.0	0.52	0.69	0.87	1.11	1.30	1.72	2.17	2.67	24.19
1000	0.0	0.0	0.61	0.82	1.04	1.32	1.55	2.04	2.58	3.18	27.14
10000	0.0	0.0	0.75	1.00	1.27	1.61	1.90	2.50	3.16	3.88	31.05
PMP	0.0	0.0	1.43	1.90	2.42	3.06	3.62	4.76	6.01	7.39	66.69
MEAN	0.0	0.0	0.212	0.282	0.358	0.454	0.536	0.705	0.891	1.096	12.975
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	2.464	2.288	2.270	1.823	1.371	0.843	0.783	0.636	0.054
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.633 ; INTERCEPT (TIME=1 HOUR) =0.357 ; COEFFICIENT OF DETERMINATION = 1.000
IHR INTERCEPT / MEAN YR =0.02750 ; AVERAGE CALC CV / USED CV = 1.63

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	10.448	8.135	8.680	6.345	4.655	3.101	3.779	3.299	3.363
N	0	0	33	33	35	35	35	35	35	35	35
RECORD YEAR	0	0	1956	1952	1952	1952	1952	1943	1943	1943	1952
RECORD MAXIMUM	0.0	0.0	0.900	0.980	1.200	1.200	1.200	1.340	1.830	2.130	20.800
NORMALIZED MAX	0.0	0.0	4.001	3.254	3.671	3.294	2.993	2.495	2.936	2.687	2.648
CALC. COEF. VAR	0.0	0.0	0.812	0.762	0.640	0.498	0.414	0.361	0.359	0.380	0.228
REGN. COEF. VAR	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.276
USED COEF. VAR	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.276
MEAN/A	0.0	0.0	0.0163	0.0217	0.0276	0.0350	0.0413	0.0544	0.0687	0.0845	1.0000
RP10/A	0.0	0.0	0.0247	0.0328	0.0418	0.0530	0.0625	0.0823	0.1039	0.1278	1.3667
RP25/A	0.0	0.0	0.0295	0.0392	0.0499	0.0633	0.0747	0.0983	0.1242	0.1526	1.5352
RP50/A	0.0	0.0	0.0330	0.0439	0.0558	0.0708	0.0835	0.1099	0.1389	0.1707	1.6512
RP100/A	0.0	0.0	0.0364	0.0484	0.0616	0.0781	0.0921	0.1212	0.1532	0.1883	1.7604
RP1000/A	0.0	0.0	0.0473	0.0629	0.0800	0.1015	0.1197	0.1576	0.1991	0.2447	2.0918
RP10000/A	0.0	0.0	0.0578	0.0769	0.0978	0.1241	0.1464	0.1926	0.2434	0.2992	2.3930
PMP/A	0.0	0.0	0.1101	0.1463	0.1863	0.2362	0.2786	0.3667	0.4634	0.5696	5.1400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
BSN DRDEP SUP										
A10 2306 0 DAY		3650	15	39N	05E	R	M	41.215	121.388	MODOC

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	0.06	0.10	0.12	0.20	0.37	0.62	0.86	1.32	1.64	2.10	28.19
1942	0.05	0.08	0.12	0.22	0.40	0.73	0.97	1.35	2.21	2.83	28.76
1943	0.08	0.09	0.11	0.16	0.37	0.58	0.77	1.35	1.86	2.63	23.79
1944	0.19	0.27	0.30	0.31	0.32	0.40	0.54	1.01	1.38	2.27	31.51
1945	0.16	0.20	0.23	0.24	0.26	0.45	0.62	0.85	1.04	1.63	23.51
1946	*****	*****	0.20	0.25	0.29	0.33	0.44	0.75	1.17	1.13	15.76
1947	*****	*****	0.20	0.24	0.39	0.41	0.46	0.80	1.13	1.71	17.15
1948	*****	*****	0.16	0.26	0.32	0.46	0.61	1.08	1.59	2.14	27.30
1949	*****	*****	0.15	0.16	0.21	0.30	0.42	0.55	0.88	1.28	10.72
1950	*****	*****	0.21	0.24	0.31	0.46	0.56	0.75	1.14	1.41	26.09
1951	*****	*****	0.64	0.66	0.75	0.77	0.79	1.16	1.82	2.53	25.60
1952	*****	*****	0.40	0.58	0.68	0.70	0.70	0.78	1.17	1.97	25.69
1953	*****	*****	0.11	0.15	0.23	0.35	0.50	0.65	1.02	1.55	20.97
1954	*****	*****	0.09	0.16	0.25	0.44	0.63	1.06	1.68	2.86	26.26
1955	*****	*****	0.19	0.31	0.46	0.60	0.68	0.90	1.30	2.09	23.31
1956	*****	*****	0.12	0.20	0.31	0.51	0.78	1.18	1.67	1.95	22.86
1957	*****	*****	0.36	0.44	0.60	0.66	0.68	0.84	1.41	1.82	24.95
1958	*****	*****	0.55	0.69	0.90	0.90	0.90	1.02	1.48	1.68	27.02
1959	*****	*****	0.20	0.29	0.30	0.30	0.42	0.72	0.94	1.26	15.60
1960	*****	*****	0.17	0.20	0.32	0.39	0.50	0.85	1.19	1.54	23.99
1961	*****	*****	0.10	0.12	0.20	0.32	0.44	0.70	1.19	1.32	19.79
1962	*****	*****	0.15	0.28	0.50	0.85	1.10	1.65	2.05	3.07	25.85
1963	*****	*****	0.15	0.20	0.24	0.35	0.43	0.72	1.10	1.49	24.86
1964	*****	*****	0.09	0.15	0.25	0.47	0.56	0.91	1.50	2.25	23.48
1965	*****	*****	0.35	0.46	0.58	0.64	0.68	0.74	1.23	1.63	24.40
1966	*****	*****	0.09	0.17	0.32	0.57	0.76	0.89	1.36	1.55	20.82
1967	*****	*****	0.30	0.33	0.34	0.49	0.73	1.24	1.45	1.45	26.95
1968	*****	*****	0.07	0.13	0.23	0.36	0.50	0.81	1.46	2.40	27.31
1969	*****	*****	0.09	0.16	0.30	0.40	0.60	1.15	1.99	2.69	30.17
1970	*****	*****	0.11	0.16	0.30	0.53	0.74	1.34	1.83	2.25	39.08
1971	*****	*****	0.41	0.50	0.59	0.59	0.59	0.95	1.44	1.82	22.35
1972	*****	*****	0.28	0.37	0.43	0.43	0.43	0.59	1.03	1.46	19.86
1973	*****	*****	*****	*****	0.24	0.29	0.37	0.67	1.14	1.92	28.41
1974	*****	*****	*****	*****	0.40	0.57	0.60	0.75	1.18	1.80	21.34

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
BSN DRDEP SUP										
A10 2306 0 DAY		3650	15	39N	05E	R	M	41.215	121.388	MODOC

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.10	0.14	0.20	0.26	0.35	0.47	0.58	0.87	1.29	1.78	23.57
5	0.14	0.19	0.27	0.36	0.49	0.65	0.80	1.20	1.79	2.47	29.58
10	0.16	0.22	0.32	0.42	0.58	0.77	0.95	1.43	2.12	2.93	33.12
20	0.19	0.26	0.37	0.48	0.66	0.88	1.09	1.64	2.44	3.36	36.26
25	0.20	0.27	0.39	0.50	0.69	0.92	1.14	1.71	2.53	3.50	37.20
40	0.21	0.29	0.42	0.55	0.74	0.99	1.23	1.84	2.74	3.78	39.13
50	0.22	0.30	0.43	0.56	0.77	1.02	1.27	1.91	2.83	3.91	40.02
100	0.24	0.33	0.48	0.62	0.85	1.13	1.40	2.10	3.13	4.31	42.66
200	0.26	0.36	0.52	0.68	0.93	1.23	1.53	2.30	3.41	4.71	45.19
1000	0.31	0.43	0.62	0.81	1.10	1.47	1.82	2.73	4.06	5.61	50.69
10000	0.38	0.52	0.76	0.99	1.35	1.80	2.23	3.34	4.97	6.85	58.00
PMP	0.73	1.00	1.44	1.88	2.57	3.42	4.24	6.36	9.46	13.05	124.57
MEAN	0.106	0.148	0.213	0.279	0.381	0.507	0.628	0.944	1.402	1.934	24.235
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.607	0.957	1.524	1.442	1.516	0.712	0.723	0.783	0.651	0.584	-0.033
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.515 ; INTERCEPT (TIME=1 HOUR) =0.376 ; COEFFICIENT OF DETERMINATION = 0.993
1HR INTERCEPT / MEAN YR =0.01550 ; AVERAGE CALC CV / USED CV = 1.26

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.611	5.722	5.275	4.511	5.203	3.117	3.497	3.265	2.908	2.617	5.178
N	5	5	32	32	34	34	34	34	34	34	34
RECORD YEAR	1944	1944	1951	1958	1959	1958	1962	1962	1962	1962	1970
RECORD MAXIMUM	0.190	0.270	0.640	0.690	0.900	0.900	1.100	1.650	2.210	3.070	39.080
NORMILIZED MAX	1.301	1.461	3.071	2.687	3.140	2.456	2.723	2.701	2.399	2.168	2.893
CALC. COEF. VAR	0.583	0.564	0.652	0.548	0.433	0.316	0.276	0.277	0.240	0.271	0.212
REGN. COEF. VAR	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.276
USED COEF. VAR	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.276
MEAN/A	0.0045	0.0061	0.0088	0.0115	0.0157	0.0209	0.0259	0.0389	0.0579	0.0798	1.0000
RP10/A	0.0067	0.0092	0.0133	0.0174	0.0238	0.0316	0.0392	0.0589	0.0875	0.1208	1.3667
RP25/A	0.0081	0.0110	0.0159	0.0208	0.0284	0.0378	0.0469	0.0704	0.1046	0.1443	1.5352
RP50/A	0.0090	0.0123	0.0178	0.0233	0.0318	0.0423	0.0524	0.0787	0.1169	0.1613	1.6512
RP100/A	0.0099	0.0136	0.0196	0.0257	0.0351	0.0466	0.0578	0.0868	0.1290	0.1780	1.7604
RP1000/A	0.0129	0.0177	0.0255	0.0334	0.0456	0.0606	0.0751	0.1128	0.1677	0.2313	2.0918
RP10000/A	0.0158	0.0216	0.0312	0.0408	0.0557	0.0741	0.0918	0.1379	0.2050	0.2828	2.3930
PMP/A	0.0301	0.0412	0.0593	0.0777	0.1061	0.1410	0.1748	0.2626	0.3902	0.5384	5.1400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
G90 1076 0	PRIDGEPORT	6560	23	05N	24E	J	M	38.277	119.288	MONO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.16	0.17	0.20	0.25	0.30	0.45	0.60	1.02	1.82	1.96	******
1941	0.07	0.11	0.12	0.21	0.21	0.35	0.53	0.87	1.49	1.76	12.56
1942	0.06	0.08	0.11	0.12	0.18	0.29	0.37	0.42	0.64	0.96	5.78
1943	0.06	0.12	0.15	0.16	0.23	0.44	0.64	1.09	1.50	2.27	8.72
1944	0.03	0.04	0.06	0.10	0.19	0.26	0.34	0.53	0.92	1.01	8.28
1945	0.03	0.06	0.09	0.16	0.28	0.51	0.66	1.20	2.01	3.43	15.12
1946	0.05	0.10	0.11	0.14	0.25	0.49	0.69	1.06	1.63	1.71	11.47
1947	0.02	0.04	0.06	0.10	0.17	0.30	0.38	0.53	0.60	0.66	3.32
1948	0.02	0.04	0.06	0.11	0.19	0.20	0.24	0.39	0.58	0.63	4.65
1949	0.12	0.19	0.23	0.35	0.43	0.44	0.44	0.44	0.44	0.51	5.81
1950	0.08	0.12	0.16	0.25	0.29	0.55	0.71	1.34	2.02	2.58	11.78
1951	0.06	0.10	0.12	0.16	0.29	0.39	0.44	0.55	1.00	1.42	12.25
1952	0.08	0.12	0.15	0.20	0.27	0.41	0.45	0.63	1.23	1.76	17.06
1953	0.21	0.25	0.29	0.30	0.32	0.33	0.41	0.60	0.78	0.81	8.06
1954	0.10	0.10	0.10	0.11	0.21	0.35	0.52	0.82	1.19	1.24	12.14
1955	0.05	0.08	0.15	0.20	0.30	0.54	0.73	1.45	2.39	3.66	17.17
1956	0.06	0.09	0.12	0.16	0.24	0.44	0.60	0.90	0.97	1.10	10.48
1957	0.07	0.12	0.22	0.42	0.47	0.64	0.94	1.70	2.43	3.07	12.12
1958	0.20	0.25	0.31	0.54	0.59	0.63	0.64	0.90	1.43	1.86	15.91
1959	0.03	0.05	0.08	0.15	0.26	0.41	0.53	0.76	1.06	1.33	7.96
1965	0.03	0.05	0.07	0.10	0.17	0.27	0.31	0.49	0.81	1.17	15.70
1966	0.10	0.14	0.15	0.19	0.23	0.45	0.56	0.96	1.22	1.63	7.83
1967	0.16	0.27	0.39	0.43	0.49	0.56	0.76	0.82	1.37	1.56	14.62
1968	0.03	0.05	0.06	0.11	0.20	0.29	0.34	0.59	0.67	0.88	9.95
1969	0.12	0.20	0.23	0.27	0.27	0.34	0.44	0.85	1.46	1.97	21.15
1970	0.03	0.04	0.06	0.10	0.18	0.29	0.40	0.55	1.00	1.59	12.29
1971	0.15	0.28	0.34	0.53	0.85	0.85	0.86	1.06	1.20	1.59	13.07
1972	0.11	0.15	0.22	0.31	0.35	0.36	0.36	0.46	0.69	0.80	8.35
1974	*****	*****	*****	*****	0.40	0.50	0.54	0.60	0.89	1.14	10.98

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
G90 1076 0	PRIDGEPORT	6560	23	05N	24E	J	M	38.277	119.288	MONO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.07	0.11	0.14	0.20	0.28	0.39	0.47	0.74	1.11	1.44	10.87
5	0.11	0.16	0.21	0.29	0.40	0.56	0.69	1.07	1.61	2.09	14.19
10	0.13	0.19	0.25	0.35	0.48	0.68	0.83	1.30	1.95	2.53	16.15
20	0.15	0.22	0.29	0.41	0.56	0.79	0.97	1.51	2.26	2.94	17.88
25	0.16	0.23	0.31	0.43	0.59	0.82	1.01	1.57	2.36	3.07	18.40
40	0.17	0.25	0.33	0.46	0.64	0.89	1.10	1.71	2.57	3.34	19.47
50	0.18	0.26	0.34	0.48	0.66	0.93	1.14	1.77	2.67	3.46	19.96
100	0.20	0.29	0.38	0.54	0.74	1.03	1.27	1.97	2.96	3.85	21.42
200	0.22	0.32	0.42	0.59	0.81	1.13	1.39	2.16	3.25	4.22	22.81
1000	0.26	0.38	0.50	0.71	0.97	1.36	1.67	2.60	3.90	5.07	25.86
10000	0.32	0.47	0.62	0.87	1.20	1.68	2.06	3.20	4.82	6.26	29.89
PMP	0.63	0.91	1.21	1.69	2.32	3.25	4.00	6.22	9.34	12.14	66.68
MEAN	0.082	0.120	0.158	0.221	0.303	0.425	0.524	0.813	1.222	1.588	11.235
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.938	0.969	0.991	1.245	2.198	1.012	0.569	0.884	0.742	1.097	0.223
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.489 ; INTERCEPT (TIME=1 HOUR) =0.304 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.02702 ; AVERAGE CALC CV / USED CV = 1.15

KURTOSIS	3.301	3.333	3.539	3.937	8.994	4.899	3.323	3.644	3.185	4.173	3.178
N	28	28	28	28	29	29	29	29	29	29	28
RECORD YEAR	1953	1971	1967	1958	1971	1971	1967	1967	1967	1955	1969
RECORD MAXIMUM	0.210	0.280	0.390	0.540	0.850	0.850	0.940	1.700	2.430	3.660	21.150
NORMILIZED MAX	2.361	2.215	2.539	2.460	3.702	3.058	2.480	2.674	2.264	2.583	2.381
CALC. COEF. VAR	0.664	0.605	0.579	0.586	0.487	0.327	0.320	0.408	0.437	0.505	0.371
REGN. COEF. VAR	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.329
USED COEF. VAR	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.329
MEAN/A	0.0073	0.0106	0.0141	0.0197	0.0270	0.0378	0.0466	0.0724	0.1088	0.1413	1.0000
RP10/A	0.0116	0.0170	0.0224	0.0313	0.0430	0.0603	0.0743	0.1153	0.1733	0.2251	1.4371
RP25/A	0.0141	0.0206	0.0272	0.0381	0.0522	0.0732	0.0902	0.1400	0.2104	0.2733	1.6379
RP50/A	0.0159	0.0232	0.0306	0.0429	0.0589	0.0825	0.1017	0.1579	0.2373	0.3082	1.7762
RP100/A	0.0176	0.0258	0.0340	0.0477	0.0654	0.0917	0.1129	0.1753	0.2635	0.3423	1.9064
RP1000/A	0.0233	0.0340	0.0449	0.0629	0.0863	0.1209	0.1490	0.2312	0.3476	0.4515	2.3014
RP10000/A	0.0287	0.0420	0.0554	0.0776	0.1065	0.1492	0.1838	0.2853	0.4287	0.5570	2.6605
PMP/A	0.0557	0.0814	0.1074	0.1504	0.2065	0.2893	0.3564	0.5533	0.8316	1.0803	5.9350

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
690 8355 0	SONORA JUNCTION	6886	21	06N	23E	J	M	38.351	119.448	MONO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1960	0.28	0.55	0.66	0.82	0.82	0.99	1.00	1.02	1.10	1.42	15.85
1961	0.10	0.15	0.21	0.42	0.63	0.84	0.90	0.94	0.94	0.94	12.71
1962	0.03	0.06	0.07	0.14	0.25	0.46	0.61	1.16	1.43	1.45	18.67
1963	0.04	0.07	0.12	0.24	0.48	0.95	1.35	1.93	3.10	5.53	25.75
1964	0.18	0.34	0.43	0.64	0.74	0.75	0.75	0.91	1.66	2.09	16.50
1965	0.15	0.20	0.25	0.28	0.41	0.47	0.47	0.67	0.85	1.07	19.94
1966	0.05	0.07	0.10	0.18	0.33	0.63	0.87	1.27	1.82	2.38	12.41
1967	0.20	0.40	0.45	0.56	0.65	0.66	0.66	0.69	0.96	1.32	19.38
1968	0.14	0.15	0.17	0.19	0.33	0.35	0.37	0.54	0.78	1.17	14.16
1969	0.08	0.15	0.19	0.28	0.40	0.65	0.80	1.14	1.34	1.34	24.43
1970	0.06	0.12	0.15	0.27	0.41	0.49	0.66	1.01	1.19	1.49	16.85
1971	0.17	0.27	0.32	0.64	0.87	0.90	0.97	0.98	0.98	1.13	15.80
1972	0.05	0.09	0.14	0.16	0.25	0.25	0.27	0.43	0.66	0.91	9.77
1973	*****	*****	*****	*****	0.17	0.30	0.44	0.72	1.12	2.15	14.83
1974	*****	*****	*****	*****	0.25	0.30	0.38	0.59	0.92	1.35	12.66

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
690 8355 0	SONORA JUNCTION	6886	21	06N	23E	J	M	38.351	119.448	MONO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.11	0.18	0.23	0.34	0.42	0.54	0.63	0.85	1.14	1.56	16.10
5	0.16	0.26	0.33	0.49	0.61	0.79	0.92	1.23	1.66	2.26	21.03
10	0.19	0.32	0.40	0.59	0.74	0.95	1.12	1.49	2.00	2.73	23.92
20	0.22	0.37	0.46	0.69	0.86	1.11	1.30	1.73	2.33	3.18	26.49
25	0.23	0.39	0.48	0.72	0.90	1.16	1.35	1.81	2.43	3.32	27.27
40	0.25	0.42	0.53	0.78	0.98	1.26	1.47	1.96	2.64	3.61	28.84
50	0.26	0.44	0.55	0.81	1.02	1.31	1.53	2.04	2.74	3.74	29.57
100	0.29	0.49	0.61	0.90	1.13	1.45	1.70	2.26	3.04	4.16	31.74
200	0.31	0.53	0.67	0.99	1.24	1.59	1.86	2.48	3.34	4.56	33.80
1000	0.38	0.64	0.80	1.18	1.49	1.92	2.24	2.98	4.02	5.48	38.31
10000	0.46	0.79	0.99	1.46	1.84	2.36	2.76	3.68	4.95	6.76	44.29
PMP	0.90	1.53	1.92	2.83	3.56	4.58	5.35	7.14	9.61	13.12	98.80
MEAN	0.118	0.201	0.251	0.371	0.466	0.599	0.700	0.933	1.257	1.716	16.647
CLOCK HR. COF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.730	1.270	1.335	0.867	0.588	0.159	0.517	1.267	2.257	2.989	0.708
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.524 ; INTERCEPT (TIME=1 HOUR) =0.451 ; COEFFICIENT OF DETERMINATION = 0.979
1HR INTERCEPT / MEAN YR =0.02707 ; AVERAGE CALC CV / USED CV = 1.29

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.518	4.618	4.921	3.133	2.671	2.322	3.655	6.135	9.290	12.894	3.736
N	13	13	13	13	15	15	15	15	15	15	15
RECORD YEAR	1960	1960	1960	1960	1971	1960	1963	1963	1963	1963	1963
RECORD MAXIMUM	0.280	0.550	0.660	0.820	0.870	0.990	1.350	1.930	3.100	5.530	25.750
NORMILIZED MAX	2.137	2.331	2.393	2.017	1.807	1.571	2.225	2.693	3.057	3.339	2.060
CALC. COEF. VAR	0.645	0.746	0.682	0.601	0.480	0.415	0.417	0.396	0.480	0.666	0.265
REGN. COEF. VAR	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.329
USED COEF. VAR	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.329
MEAN/A	0.0071	0.0121	0.0151	0.0223	0.0280	0.0360	0.0420	0.0561	0.0755	0.1031	1.0000
RP10/A	0.0113	0.0192	0.0240	0.0355	0.0446	0.0574	0.0670	0.0893	0.1203	0.1642	1.4371
RP25/A	0.0137	0.0233	0.0291	0.0431	0.0541	0.0696	0.0813	0.1084	0.1460	0.1993	1.6379
RP50/A	0.0154	0.0263	0.0329	0.0486	0.0611	0.0785	0.0917	0.1223	0.1647	0.2248	1.7762
RP100/A	0.0171	0.0292	0.0365	0.0540	0.0678	0.0872	0.1019	0.1358	0.1829	0.2497	1.9064
RP1000/A	0.0226	0.0385	0.0481	0.0712	0.0894	0.1150	0.1344	0.1791	0.2412	0.3294	2.3014
RP10000/A	0.0279	0.0475	0.0594	0.0878	0.1103	0.1419	0.1657	0.2210	0.2975	0.4063	2.6605
PMP/A	0.0540	0.0922	0.1152	0.1703	0.2140	0.2752	0.3215	0.4286	0.5771	0.7880	5.9350

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
020 322 0	ARROYO SECO	600	36	19S	04E		M	36.233	121.483	MONTEREY

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
	DURATION										
1940	*****	*****	*****	*****	0.58	*****	*****	2.01	*****	3.53	44.26
1941	*****	*****	*****	*****	0.51	0.91	1.11	1.41	2.02	2.57	45.96
1942	*****	*****	*****	*****	0.74	1.34	1.64	2.27	2.65	3.06	23.68
1943	*****	*****	*****	*****	0.61	1.44	2.04	3.26	4.75	7.06	24.87
1944	*****	*****	*****	*****	0.26	0.44	0.49	1.67	1.17	1.65	24.13
1945	*****	*****	*****	*****	0.62	1.12	1.53	2.55	3.98	6.33	29.38
1946	*****	*****	*****	*****	0.50	0.96	1.38	2.56	3.69	4.87	15.68
1947	*****	*****	*****	*****	0.28	0.39	0.51	0.96	1.10	1.27	10.90
1948	*****	*****	0.16	0.26	0.47	0.67	0.77	1.25	1.73	2.40	20.32
1949	*****	*****	0.08	0.15	0.27	0.51	0.70	0.98	1.08	2.08	18.44
1950	*****	*****	0.33	0.49	0.65	0.91	1.29	2.11	2.69	2.78	25.31
1951	*****	*****	0.36	0.45	0.75	0.95	0.99	1.32	2.07	2.59	21.96
1952	*****	*****	0.13	0.19	0.38	0.60	0.79	1.43	2.45	3.37	36.71
1953	*****	*****	0.20	0.30	0.51	0.67	1.04	1.50	1.80	1.80	6.12
1954	*****	*****	0.09	0.17	0.32	0.50	0.90	1.19	1.60	2.65	19.65
1955	*****	*****	0.30	0.50	0.95	1.50	2.10	3.65	5.50	7.23	18.45
1956	*****	*****	0.15	0.25	0.32	0.55	0.86	1.01	1.60	3.20	17.49
1957	*****	*****	0.16	0.30	0.50	0.72	1.02	1.59	2.01	3.36	23.45
1958	*****	*****	0.35	0.55	0.72	1.05	1.47	2.34	2.66	3.41	26.66
1959	*****	*****	0.13	0.20	0.35	0.67	0.83	1.45	1.77	2.57	11.30
1960	*****	*****	0.15	0.18	0.28	0.58	0.69	1.55	2.11	2.38	15.18
1961	*****	*****	0.12	0.21	0.40	0.59	0.76	0.99	1.59	2.08	12.72
1962	*****	*****	0.20	0.33	0.42	0.65	0.86	1.09	1.45	2.72	21.41
1963	*****	*****	0.30	0.50	0.75	1.25	1.72	2.62	4.45	6.98	30.92
1964	*****	*****	0.10	0.17	0.30	0.54	0.73	0.99	1.34	1.91	18.70
1965	*****	*****	0.13	0.19	0.33	0.53	0.69	1.10	1.23	1.67	21.07
1966	*****	*****	0.36	0.55	1.00	1.64	2.15	3.08	3.89	6.58	20.12
1967	*****	*****	0.23	0.45	0.65	1.14	1.47	2.03	2.41	2.85	23.76
1968	*****	*****	0.10	0.16	0.35	0.50	0.58	0.88	1.14	1.15	13.89
1969	*****	*****	0.14	0.26	0.56	0.95	1.30	2.10	2.91	3.78	30.17
1970	*****	*****	0.20	0.31	0.49	0.81	1.00	1.39	1.75	2.92	27.55
1971	*****	*****	*****	*****	0.30	0.50	0.65	0.92	1.12	1.31	12.76
1972	*****	*****	*****	*****	0.34	0.66	0.74	1.00	1.02	2.06	15.41
1973	*****	*****	*****	*****	0.52	0.82	1.27	1.82	2.26	2.82	31.74
1974	*****	*****	*****	*****	0.43	0.78	0.97	1.47	2.22	3.39	22.67

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
020 322 0	ARROYO SECO	600	36	19S	04E		M	36.233	121.483	MONTEREY

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.18	0.29	0.46	0.75	1.00	1.57	2.12	2.96	21.47
5	0.0	0.0	0.25	0.40	0.65	1.06	1.41	2.21	2.99	4.16	28.27
10	0.0	0.0	0.30	0.48	0.77	1.26	1.68	2.63	3.55	4.95	32.41
20	0.0	0.0	0.35	0.55	0.89	1.45	1.93	3.02	4.08	5.68	36.16
25	0.0	0.0	0.36	0.57	0.92	1.51	2.01	3.14	4.25	5.91	37.31
40	0.0	0.0	0.39	0.62	1.00	1.63	2.17	3.40	4.59	6.39	39.65
50	0.0	0.0	0.40	0.64	1.03	1.69	2.24	3.51	4.75	6.61	40.74
100	0.0	0.0	0.46	0.70	1.14	1.86	2.47	3.87	5.23	7.29	44.00
200	0.0	0.0	0.48	0.77	1.24	2.03	2.70	4.22	5.71	7.95	47.14
1000	0.0	0.0	0.57	0.91	1.47	2.41	3.20	5.02	6.78	9.44	54.09
10000	0.0	0.0	0.70	1.11	1.80	2.93	3.90	6.12	8.27	11.51	83.46
PMP	0.0	0.0	1.38	2.19	3.53	5.77	7.67	12.02	16.25	22.62	134.20
MEAN	0.0	0.0	0.195	0.310	0.501	0.819	1.089	1.707	2.306	3.211	22.452
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.772	0.807	0.845	0.942	0.911	1.011	1.243	1.357	0.844
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800

SLOPE OF LOG INTENSITY / LOG TIME = -.307 ; INTERCEPT (TIME=1 HOUR) =0.506 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.02253 ; AVERAGE CALC CV / USED CV = 1.06

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	2.580	2.174	3.218	3.278	3.230	3.489	0.190	4.168	3.860
N	0	0	23	23	35	34	34	35	34	35	35
RECORD YEAR	0	0	1966	1958	1966	1966	1966	1955	1955	1955	1941
RECORD MAXIMUM	0.0	0.0	0.300	0.550	1.000	1.640	2.150	3.650	5.500	7.230	85.900
NORMILIZED MAX	0.0	0.0	1.952	1.739	2.517	2.504	2.325	2.653	2.629	2.301	2.576
CALC. COEF. VAR	0.0	0.0	0.485	0.444	0.395	0.401	0.419	0.429	0.490	0.523	0.407
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0067	0.0138	0.0223	0.0365	0.0485	0.0760	0.1027	0.1430	1.0000
RP10/A	0.0	0.0	0.0134	0.0213	0.0344	0.0582	0.0747	0.1171	0.1582	0.2203	1.4437
RP25/A	0.0	0.0	0.0160	0.0255	0.0411	0.0672	0.0863	0.1400	0.1891	0.2633	1.6617
RP50/A	0.0	0.0	0.0179	0.0285	0.0460	0.0751	0.0988	0.1565	0.2114	0.2944	1.8144
RP100/A	0.0	0.0	0.0197	0.0314	0.0507	0.0828	0.1101	0.1725	0.2331	0.3245	1.9598
RP1000/A	0.0	0.0	0.0256	0.0407	0.0657	0.1072	0.1427	0.2235	0.3020	0.4205	2.4091
RP10000/A	0.0	0.0	0.0312	0.0496	0.0800	0.1307	0.1739	0.2725	0.3682	0.5126	2.8264
PMP/A	0.0	0.0	0.0613	0.0974	0.1573	0.2569	0.3418	0.5356	0.7236	1.0075	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	T=P	RNG	LOT	BM=	LATITUDE	LONGITUDE	COUNTY
8SN ORDER SUB 020 1586 25	CASTROVILLE TREAT PL	13	29	13S	02E		M	36.767	121.767	MONTEREY

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1971	*****	*****	0.40	0.60	0.80	1.20	1.20	1.30	1.40	2.10	17.30
1972	*****	*****	0.10	0.10	0.20	0.30	0.50	0.60	0.60	0.90	8.06
1973	*****	*****	0.20	0.40	0.60	0.70	0.80	1.00	1.50	2.10	24.12
1974	*****	*****	0.20	0.30	0.50	0.90	1.10	1.90	2.20	2.20	21.80
1975	*****	*****	0.20	0.20	0.30	0.40	0.60	1.00	1.10	1.30	13.50

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	T=P	RNG	LOT	BM=	LATITUDE	LONGITUDE	COUNTY
8SN ORDER SUB 020 1586 25	CASTROVILLE TREAT PL	13	29	13S	02F		M	36.767	121.767	MONTEREY

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.20	0.29	0.48	0.84	0.77	1.07	1.25	1.58	16.22
5	0.0	0.0	0.28	0.41	0.62	0.91	1.09	1.50	1.76	2.23	21.35
10	0.0	0.0	0.38	0.49	0.74	1.06	1.29	1.79	2.09	2.65	24.88
20	0.0	0.0	0.39	0.57	0.85	1.24	1.49	2.05	2.41	3.04	27.32
25	0.0	0.0	0.41	0.59	0.88	1.29	1.55	2.14	2.50	3.17	28.18
40	0.0	0.0	0.44	0.64	0.95	1.39	1.67	2.31	2.71	3.42	29.95
50	0.0	0.0	0.45	0.66	0.99	1.44	1.73	2.39	2.80	3.54	30.77
100	0.0	0.0	0.50	0.73	1.09	1.59	1.91	2.63	3.09	3.90	33.24
200	0.0	0.0	0.56	0.79	1.19	1.73	2.08	2.87	3.37	4.26	35.61
1000	0.0	0.0	0.65	0.94	1.41	2.06	2.47	3.41	4.00	5.06	40.86
10000	0.0	0.0	0.79	1.15	1.72	2.51	3.01	4.16	4.87	6.16	47.94
PMP	0.0	0.0	1.55	2.25	3.38	4.93	5.92	8.17	9.56	12.12	101.02
MEAN	0.0	0.0	0.220	0.320	0.480	0.700	0.840	1.160	1.360	1.720	16.960
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.293	0.590	0.206	0.353	0.162	0.830	0.288	-0.044	-0.408
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800

SLOPE OF LOG INTENSITY / LOG TIME = -.454 ; INTERCEPT (TIME=1 HOUR) =0.471 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.02779 ; AVERAGE CALC CV / USED CV = 1.23

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	9.097	6.048	5.736	5.590	4.583	7.673	7.406	5.148	5.795
N	0	0	5	5	5	5	5	5	5	5	5
RECORD YEAR	0	0	1971	1971	1971	1971	1971	1974	1974	1974	1973
RECORD MAXIMUM	0.0	0.0	0.400	0.600	0.800	1.200	1.200	1.900	2.200	2.200	24.120
NORMILIZED MAX	0.0	0.0	1.643	1.456	1.340	1.361	1.180	1.533	1.434	0.621	1.113
CALC. COEF. VAR	0.0	0.0	0.498	0.601	0.497	0.525	0.363	0.416	0.431	0.340	0.379
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0130	0.0189	0.0283	0.0413	0.0495	0.0684	0.0802	0.1014	1.0000
RP10/A	0.0	0.0	0.0200	0.0291	0.0436	0.0636	0.0763	0.1053	0.1235	0.1562	1.4437
RP25/A	0.0	0.0	0.0239	0.0347	0.0521	0.0760	0.0912	0.1259	0.1477	0.1867	1.6617
RP50/A	0.0	0.0	0.0267	0.0388	0.0583	0.0850	0.1019	0.1408	0.1651	0.2088	1.8144
RP100/A	0.0	0.0	0.0294	0.0428	0.0642	0.0937	0.1124	0.1552	0.1820	0.2301	1.9598
RP1000/A	0.0	0.0	0.0381	0.0555	0.0832	0.1214	0.1456	0.2011	0.2358	0.2982	2.4091
RP10000/A	0.0	0.0	0.0485	0.0676	0.1010	0.1474	0.1775	0.2451	0.2874	0.3635	2.9269
PMP/A	0.0	0.0	0.0914	0.1329	0.1994	0.2908	0.3489	0.4819	0.5644	0.7145	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
020 2362 0	DEL MONTE	46		15S	01E		M	36.600	121.867	MONTEREY

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.51	0.52	0.57	0.79	0.97	0.97	23.77
1941	*****	*****	*****	*****	1.00	1.45	1.47	1.60	1.73	2.04	33.33
1942	*****	*****	*****	*****	0.23	0.43	0.57	0.77	0.85	1.47	15.00
1943	*****	*****	*****	*****	0.24	0.32	0.40	0.57	0.66	1.31	13.71
1944	*****	*****	*****	*****	0.46	0.61	0.65	0.76	1.31	1.46	19.67
1945	0.07	0.14	0.16	0.22	0.29	0.40	0.57	0.86	1.01	1.50	******
1946	0.11	0.17	0.26	0.33	0.43	0.75	1.04	1.77	2.50	2.63	13.08
1947	0.08	0.13	0.16	0.21	0.31	0.43	0.44	0.69	0.70	0.70	7.24
1948	0.15	0.22	0.25	0.38	0.50	0.62	0.66	0.82	0.89	1.53	15.38
1949	0.10	0.13	0.19	0.29	0.43	0.49	0.52	0.56	0.89	1.21	10.38
1950	0.42	0.65	0.77	0.81	0.89	1.10	1.14	1.30	1.38	1.65	17.18
1951	0.11	0.15	0.19	0.36	0.56	1.00	1.22	1.61	1.85	1.98	14.02
1952	0.38	0.53	0.56	0.68	0.82	1.10	1.30	1.54	1.60	1.67	23.03
1953	0.10	0.14	0.16	0.25	0.49	0.79	1.00	1.37	1.45	1.47	6.75
1954	0.08	0.16	0.18	0.26	0.31	0.48	0.54	0.78	0.82	1.35	13.73
1955	0.08	0.14	0.21	0.30	0.39	0.60	0.90	1.50	2.08	3.93	10.13
1956	0.14	0.18	0.22	0.34	0.46	0.50	0.64	0.72	0.90	0.95	9.07
1957	0.23	0.34	0.38	0.40	0.45	0.53	0.57	0.83	1.19	1.19	15.64
1958	0.17	0.34	0.40	0.48	0.51	0.58	0.76	0.99	1.31	1.48	18.39
1959	0.12	0.23	0.30	0.32	0.38	0.59	0.71	1.16	1.98	2.17	11.43
1960	0.07	0.09	0.14	0.18	0.24	0.37	0.39	0.60	0.83	1.00	10.81
1961	0.06	0.08	0.11	0.18	0.25	0.38	0.52	0.52	0.59	0.88	7.86
1962	0.10	0.10	0.11	0.16	0.26	0.44	0.58	0.78	0.96	1.30	10.83
1963	0.10	0.16	0.20	0.35	0.45	0.53	0.60	0.77	1.39	1.87	24.88
1964	0.10	0.12	0.14	0.24	0.33	0.49	0.49	0.55	0.69	1.19	23.48
1965	0.07	0.10	0.14	0.27	0.38	0.60	0.73	1.12	1.50	1.50	28.40
1966	0.03	0.06	0.09	0.16	0.30	0.45	0.58	0.70	0.91	1.61	20.02
1967	0.23	0.31	0.36	0.45	0.58	0.63	0.73	0.98	1.07	1.23	26.95
1968	0.10	0.10	0.10	0.14	0.26	0.48	0.58	0.75	0.78	0.78	9.08
1969	0.08	0.10	0.12	0.18	0.35	0.48	0.58	0.81	1.17	1.80	17.66
1970	*****	*****	*****	*****	0.60	1.00	1.40	1.80	1.70	2.60	18.70
1971	*****	*****	*****	*****	0.20	0.20	0.30	0.30	0.40	0.60	11.90
1972	*****	*****	*****	*****	0.40	0.50	0.50	0.60	1.00	1.20	11.00
1973	*****	*****	0.30	0.50	0.70	0.80	0.80	0.80	1.10	1.30	21.90
1974	*****	*****	0.20	0.20	0.40	0.70	1.00	1.40	1.70	1.70	14.90

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
020 2362 0	DEL MONTE	46		15S	01E		M	36.600	121.867	MONTEREY

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.18	0.22	0.29	0.40	0.56	0.67	0.88	1.11	1.40	15.50
5	0.17	0.25	0.31	0.41	0.57	0.79	0.94	1.23	1.56	1.97	20.51
10	0.20	0.30	0.36	0.49	0.68	0.94	1.12	1.47	1.86	2.34	23.52
20	0.23	0.34	0.42	0.56	0.78	1.08	1.29	1.68	2.14	2.69	26.24
25	0.24	0.36	0.44	0.59	0.81	1.12	1.34	1.75	2.22	2.80	27.07
40	0.26	0.39	0.47	0.64	0.87	1.21	1.45	1.89	2.40	3.02	28.77
50	0.27	0.40	0.49	0.66	0.90	1.26	1.50	1.96	2.49	3.13	29.56
100	0.30	0.44	0.54	0.72	0.99	1.38	1.65	2.16	2.74	3.45	31.93
200	0.32	0.48	0.58	0.79	1.08	1.51	1.80	2.36	2.99	3.76	34.20
1000	0.39	0.57	0.69	0.94	1.29	1.79	2.14	2.80	3.55	4.47	39.25
10000	0.47	0.70	0.85	1.14	1.57	2.19	2.60	3.41	4.33	5.44	46.04
PMP	0.92	1.57	1.86	2.25	3.09	4.30	5.12	6.71	8.51	10.70	97.42
MEAN	0.131	0.195	0.236	0.319	0.438	0.610	0.727	0.952	1.207	1.519	16.290
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.129	2.052	2.132	1.535	1.337	1.479	1.108	0.882	1.073	1.087	0.620
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.000

SLOPE OF LOG INTENSITY / LOG TIME = -.530 ; INTERCEPT (TIME=1 HOUR) =0.440 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.02701 ; AVERAGE CALC CV / USED CV = 1.36

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	7.473	7.316	8.421	5.872	4.982	5.601	3.619	2.582	4.278	8.745	3.269
N	25	25	27	27	35	35	35	35	35	35	34
RECORD YEAR	1950	1950	1950	1950	1941	1941	1941	1966	1955	1955	1941
RECORD MAXIMUM	0.820	0.650	0.770	0.810	1.000	1.450	1.470	1.770	2.680	3.930	33.330
NORMILIZED MAX	3.003	3.207	3.520	3.077	2.991	3.274	2.515	2.136	2.826	3.866	2.700
CALC. COEF. VAR	0.714	0.729	0.642	0.499	0.428	0.421	0.407	0.402	0.432	0.411	0.387
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0081	0.0120	0.0145	0.0196	0.0269	0.0374	0.0446	0.0584	0.0741	0.0932	1.0000
RP10/A	0.0124	0.0184	0.0223	0.0302	0.0414	0.0576	0.0687	0.0900	0.1142	0.1436	1.4437
RP25/A	0.0148	0.0220	0.0267	0.0361	0.0495	0.0689	0.0821	0.1076	0.1365	0.1717	1.6617
RP50/A	0.0166	0.0246	0.0299	0.0403	0.0554	0.0770	0.0918	0.1203	0.1526	0.1919	1.8148
RP100/A	0.0183	0.0271	0.0329	0.0445	0.0611	0.0849	0.1012	0.1326	0.1682	0.2116	1.9508
RP1000/A	0.0237	0.0352	0.0427	0.0576	0.0791	0.1101	0.1311	0.1718	0.2178	0.2742	2.4041
RP10000/A	0.0289	0.0429	0.0520	0.0702	0.0964	0.1342	0.1599	0.2095	0.2657	0.3342	2.8264
PMP/A	0.0567	0.0842	0.1022	0.1301	0.1695	0.2637	0.3142	0.4117	0.5222	0.6569	5.9000

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
020 4555 0	KING CITY	320	08	20S	08E		M	36.200	121.133	MONTEREY

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.12	0.19	0.25	0.35	0.50	0.77	1.08	1.68	2.35	2.60	18.07
1941	0.19	0.29	0.48	0.56	0.66	0.86	0.98	1.48	1.76	1.76	23.81
1942	0.04	0.07	0.10	0.16	0.32	0.54	0.76	1.08	1.31	1.34	8.83
1943	0.09	0.14	0.19	0.31	0.47	0.87	1.08	1.46	1.60	2.37	11.75
1944	0.02	0.04	0.06	0.12	0.24	0.41	0.56	0.78	0.91	1.13	10.83
1945	0.08	0.11	0.16	0.27	0.34	0.57	0.77	1.27	1.81	2.60	9.18
1946	0.06	0.10	0.13	0.18	0.28	0.47	0.69	0.98	0.99	1.04	6.26
1947	0.04	0.06	0.07	0.14	0.20	0.35	0.38	0.42	0.48	0.50	3.08
1948	0.09	0.11	0.16	0.21	0.26	0.28	0.36	0.64	0.85	0.89	7.54
1949	0.06	0.09	0.13	0.26	0.30	0.44	0.65	0.75	1.42	1.50	7.07
1950	0.09	0.14	0.15	0.26	0.37	0.40	0.54	0.64	0.99	1.17	8.99
1951	0.07	0.10	0.15	0.20	0.32	0.35	0.45	0.74	0.99	1.05	8.16
1952	0.08	0.11	0.13	0.20	0.35	0.70	0.87	1.03	1.39	1.95	14.75
1953	0.06	0.11	0.15	0.21	0.39	0.66	0.80	1.21	1.28	1.31	3.14
1954	0.04	0.08	0.10	0.19	0.37	0.72	1.04	1.46	1.53	1.59	9.93
1955	0.04	0.08	0.10	0.20	0.39	0.70	0.87	1.10	1.80	2.58	16.68
1956	0.10	0.14	0.18	0.21	0.25	0.35	0.44	0.68	0.96	0.96	5.14
1957	0.07	0.12	0.20	0.29	0.42	0.59	0.80	1.29	1.36	1.57	12.54
1958	0.11	0.20	0.21	0.28	0.50	0.58	0.62	0.96	0.98	1.65	18.97
1959	0.04	0.08	0.12	0.20	0.32	0.57	0.69	0.90	0.99	1.53	7.71
1960	0.29	0.31	0.32	0.33	0.33	0.47	0.59	0.92	1.09	1.09	9.60
1961	0.12	0.17	0.26	0.30	0.45	0.76	0.85	1.10	1.32	1.62	7.39
1962	0.07	0.10	0.16	0.30	0.57	0.93	1.09	1.31	1.69	2.15	9.05
1963	0.10	0.14	0.16	0.20	0.40	0.80	0.90	1.40	2.30	3.17	14.78
1965	*****	*****	*****	*****	0.30	0.50	0.60	1.00	1.80	2.30	13.10
1966	*****	*****	*****	*****	0.20	0.30	0.40	0.70	1.10	1.80	6.90
1967	*****	*****	*****	*****	0.40	0.50	0.70	1.20	1.40	1.50	12.70
1969	*****	*****	*****	*****	0.30	0.50	0.70	1.10	1.50	1.90	15.10
1970	*****	*****	*****	*****	0.40	0.70	0.90	1.10	1.80	2.20	14.50
1971	*****	*****	*****	*****	0.40	0.60	0.80	1.10	1.10	1.30	6.10
1972	*****	*****	*****	*****	0.30	0.40	0.40	0.50	0.50	0.90	8.40
1973	*****	*****	*****	*****	0.30	0.60	0.70	1.20	1.50	1.70	17.10
1974	*****	*****	0.20	0.40	0.60	1.00	1.10	1.30	1.70	2.40	12.42

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
020 4555 0	KING CITY	320	08	20S	08E		M	36.200	121.133	MONTEREY

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.08	0.12	0.16	0.23	0.39	0.57	0.70	0.98	1.26	1.54	10.43
5	0.11	0.17	0.22	0.33	0.55	0.80	0.99	1.38	1.77	2.16	13.73
10	0.13	0.20	0.27	0.39	0.65	0.95	1.17	1.64	2.10	2.57	15.75
20	0.15	0.23	0.31	0.45	0.75	1.09	1.35	1.89	2.41	2.98	17.57
25	0.16	0.24	0.32	0.47	0.78	1.14	1.40	1.96	2.51	3.08	18.13
40	0.17	0.26	0.34	0.50	0.84	1.23	1.51	2.12	2.71	3.32	19.27
50	0.18	0.26	0.36	0.52	0.87	1.27	1.57	2.19	2.81	3.44	19.79
100	0.20	0.29	0.39	0.57	0.96	1.40	1.73	2.42	3.09	3.79	21.38
200	0.21	0.32	0.43	0.63	1.04	1.53	1.88	2.64	3.38	4.13	22.91
1000	0.25	0.38	0.51	0.74	1.24	1.82	2.24	3.13	4.01	4.91	26.28
10000	0.31	0.46	0.62	0.91	1.51	2.21	2.73	3.82	4.89	5.99	30.83
PMP	0.61	0.90	1.22	1.78	2.97	4.35	5.36	7.51	9.61	11.77	65.23
MEAN	0.086	0.128	0.173	0.253	0.421	0.617	0.761	1.066	1.363	1.670	10.909
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.100	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	2.312	1.557	2.001	1.534	0.855	0.454	0.019	-0.124	0.226	0.429	0.844
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800

SLOPE OF LOG INTENSITY / LOG TIME = -.382 ; INTERCEPT (TIME=1 HOUR) =0.399 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.03658 ; AVERAGE CALC CV / USED CV = 1.05

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	9.994	5.704	8.765	6.845	3.862	2.864	2.374	2.717	3.269	2.950	3.493
N	24	24	25	25	33	33	33	33	33	33	33
RECORD YEAR	1960	1980	1941	1941	1941	1974	1974	1940	1940	1963	1941
RECORD MAXIMUM	0.290	0.310	0.480	0.560	0.660	1.000	1.100	1.680	2.350	3.170	23.810
NORMILIZED MAX	3.603	2.776	3.523	3.285	1.925	1.941	1.473	1.977	2.218	2.439	2.716
CALC. COEF. VAR	0.656	0.510	0.505	0.369	0.294	0.319	0.302	0.292	0.328	0.368	0.435
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0079	0.0118	0.0158	0.0232	0.0386	0.0566	0.0698	0.0977	0.1250	0.1531	1.0000
RP10/A	0.0122	0.0181	0.0244	0.0357	0.0595	0.0872	0.1075	0.1505	0.1925	0.2358	1.4437
RP25/A	0.0146	0.0217	0.0292	0.0427	0.0711	0.1042	0.1285	0.1799	0.2301	0.2819	1.6617
RP50/A	0.0163	0.0242	0.0326	0.0478	0.0795	0.1165	0.1437	0.2011	0.2573	0.3152	1.8144
RP100/A	0.0179	0.0267	0.0359	0.0527	0.0877	0.1284	0.1584	0.2217	0.2836	0.3475	1.9598
RP1000/A	0.0232	0.0346	0.0466	0.0682	0.1136	0.1664	0.2052	0.2873	0.3675	0.4502	2.4091
RP10000/A	0.0283	0.0422	0.0568	0.0832	0.1385	0.2028	0.2502	0.3502	0.4480	0.5488	2.8264
PMP/A	0.0557	0.0829	0.1116	0.1635	0.2722	0.3987	0.4917	0.6883	0.8806	1.0787	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT BMM	LATITUDE	LONGITUDE	COUNTY
020 4836 50	LAURELES GRADE	1350	16	16S	02E M	36.550	121.750	MONTEREY

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
	DURATION										
1971	*****	*****	0.70	0.70	0.70	0.80	0.90	1.10	1.80	2.30	13.96
1972	*****	*****	0.10	0.10	0.20	0.40	0.40	0.80	0.80	0.70	7.72
1973	*****	*****	0.30	0.50	0.80	0.90	0.90	1.00	1.20	1.80	25.00
1974	*****	*****	0.10	0.20	0.30	0.50	0.70	1.20	1.50	1.60	10.30
1975	*****	*****	0.10	0.20	0.40	0.50	0.70	0.90	1.20	1.40	14.30

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT BMM	LATITUDE	LONGITUDE	COUNTY
020 4836 50	LAURELES GRADE	1350	16	16S	02E M	36.550	121.750	MONTEREY

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.27	0.34	0.46	0.58	0.67	0.88	1.16	1.44	15.16
5	0.0	0.0	0.38	0.47	0.65	0.82	0.94	1.24	1.63	2.02	19.96
10	0.0	0.0	0.46	0.56	0.77	0.97	1.12	1.48	1.94	2.40	22.69
20	0.0	0.0	0.52	0.64	0.88	1.12	1.29	1.70	2.23	2.76	25.54
25	0.0	0.0	0.55	0.67	0.92	1.16	1.34	1.77	2.32	2.87	26.35
40	0.0	0.0	0.59	0.72	0.99	1.26	1.45	1.91	2.51	3.10	28.00
50	0.0	0.0	0.61	0.75	1.03	1.30	1.50	1.98	2.59	3.21	28.77
100	0.0	0.0	0.67	0.83	1.13	1.44	1.65	2.18	2.86	3.54	31.07
200	0.0	0.0	0.73	0.90	1.24	1.57	1.80	2.38	3.12	3.86	33.29
1000	0.0	0.0	0.87	1.07	1.47	1.86	2.14	2.82	3.70	4.59	38.20
10000	0.0	0.0	1.06	1.30	1.79	2.27	2.61	3.44	4.52	5.59	44.82
PMP	0.0	0.0	2.09	2.56	3.52	4.46	5.12	6.76	8.88	10.44	94.82
MEAN	0.0	0.0	0.296	0.364	0.499	0.632	0.727	0.960	1.260	1.560	15.056
CLOCK HR. COR.	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.714	0.828	0.363	0.559	-1.022	-1.033	-0.552	-0.458	0.373
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800

SLOPE OF LOG INTENSITY / LOG TIME = -.630 ; INTERCEPT (TIME=1 HOUR) =0.487 ; COEFFICIENT OF DETERMINATION = 0.999
INR INTERCEPT / MEAN YR =0.03075 ; AVERAGE CALC CV / USED CV = 1.45

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	8.887	5.053	4.656	4.694	7.432	7.607	7.390	7.533	7.275
N	0	0	5	5	5	5	5	5	5	5	5
RECORD YEAR	0	0	1971	1971	1973	1973	1971	1974	1971	1971	1973
RECORD MAXIMUM	0.0	0.0	0.700	0.700	0.800	0.900	0.900	1.200	1.800	2.300	25.000
NORMILIZED MAX	0.0	0.0	1.358	1.252	1.117	1.210	0.835	1.042	1.214	1.264	1.438
CALC. COEF. VAR	0.0	0.0	1.003	0.738	0.539	0.350	0.265	0.240	0.353	0.375	0.401
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0187	0.0224	0.0315	0.0399	0.0459	0.0605	0.0795	0.0984	1.0000
RP10/A	0.0	0.0	0.0288	0.0353	0.0485	0.0614	0.0706	0.0933	0.1224	0.1515	1.4437
RP25/A	0.0	0.0	0.0344	0.0422	0.0580	0.0734	0.0844	0.1115	0.1463	0.1812	1.6617
RP50/A	0.0	0.0	0.0385	0.0472	0.0648	0.0821	0.0944	0.1246	0.1636	0.2025	1.8140
RP100/A	0.0	0.0	0.0424	0.0521	0.0714	0.0905	0.1041	0.1374	0.1803	0.2233	1.9546
RP1000/A	0.0	0.0	0.0550	0.0675	0.0926	0.1173	0.1349	0.1780	0.2337	0.2893	2.4091
RP10000/A	0.0	0.0	0.0670	0.0822	0.1128	0.1430	0.1644	0.2170	0.2848	0.3526	2.9244
PMP/A	0.0	0.0	0.1317	0.1616	0.2218	0.2810	0.3231	0.4265	0.5598	0.6931	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LUT	BHM	LATITUDE	LONGITUDE	COUNTY
020 5998 80	MT TURO	2370	15	16S	03E		M	36.550	121.633	MONTEREY

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1971	*****	*****	0.10	0.20	0.40	0.60	0.70	0.90	1.20	1.60	17.11
1972	*****	*****	0.10	0.20	0.40	0.70	0.90	1.40	1.60	1.60	11.65
1973	*****	*****	0.20	0.20	0.40	0.60	0.60	1.30	1.70	2.20	30.25
1974	*****	*****	0.20	0.30	0.60	1.00	1.30	1.80	2.40	2.70	26.90
1975	*****	*****	0.20	0.20	0.30	0.40	0.60	1.00	1.40	1.70	10.58

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LUT	BHM	LATITUDE	LONGITUDE	COUNTY
020 5998 80	MT TURO	2370	15	16S	03E		M	36.550	121.633	MONTEREY

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.17	0.22	0.40	0.62	0.80	1.18	1.53	1.81	19.98
5	0.0	0.0	0.24	0.30	0.57	0.87	1.13	1.66	2.15	2.54	26.31
10	0.0	0.0	0.28	0.36	0.67	1.04	1.34	1.97	2.56	3.02	30.17
20	0.0	0.0	0.32	0.42	0.77	1.19	1.54	2.27	2.94	3.47	33.66
25	0.0	0.0	0.34	0.43	0.80	1.24	1.60	2.36	3.06	3.61	34.73
40	0.0	0.0	0.36	0.47	0.87	1.34	1.73	2.55	3.30	3.90	36.91
50	0.0	0.0	0.38	0.48	0.90	1.39	1.79	2.63	3.42	4.03	37.92
100	0.0	0.0	0.41	0.53	0.99	1.53	1.97	2.90	3.77	4.45	40.96
200	0.0	0.0	0.45	0.58	1.08	1.67	2.15	3.17	4.11	4.85	43.88
1000	0.0	0.0	0.54	0.69	1.28	1.98	2.55	3.76	4.88	5.76	50.35
10000	0.0	0.0	0.65	0.84	1.57	2.41	3.11	4.59	5.95	7.03	59.07
PMP	0.0	0.0	1.29	1.66	3.08	4.74	6.12	9.02	11.69	13.81	124.97
MEAN	0.0	0.0	0.182	0.235	0.437	0.673	0.869	1.280	1.660	1.966	20.698
CLOCK HR. COR.	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	-0.609	2.236	1.293	0.846	1.338	0.603	1.274	1.192	0.170
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800

SLOPE OF LOG INTENSITY / LOG TIME = -.394 ; INTERCEPT (TIME=1 HOUR) =0.421 ; COEFFICIENT OF DETERMINATION = 0.954
1HR INTERCEPT / MEAN YR =0.02015 ; AVERAGE CALC CV / USED CV = 0.72

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	3.889	10.833	9.097	8.121	6.351	6.479	6.408	6.550	5.255
N	0	0	5	5	5	5	5	5	5	5	5
RECORD YEAR	0	0	1973	1974	1974	1974	1974	1974	1974	1974	1973
RECORD MAXIMUM	0.0	0.0	0.200	0.300	0.600	1.000	1.300	1.800	2.400	2.700	30.250
NORMILIZED MAX	0.0	0.0	0.282	1.350	1.432	1.462	1.581	1.459	1.623	1.533	1.237
CALC. COEF. VAR	0.0	0.0	0.342	0.203	0.261	0.332	0.314	0.276	0.275	0.246	0.362
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0087	0.0113	0.0209	0.0322	0.0416	0.0612	0.0794	0.0938	1.0000
RP10/A	0.0	0.0	0.0130	0.0173	0.0322	0.0496	0.0640	0.0943	0.1223	0.1445	1.4437
RP25/A	0.0	0.0	0.0161	0.0207	0.0385	0.0593	0.0765	0.1128	0.1463	0.1727	1.6617
RP50/A	0.0	0.0	0.0186	0.0232	0.0430	0.0663	0.0856	0.1261	0.1635	0.1931	1.8144
RP100/A	0.0	0.0	0.0198	0.0256	0.0474	0.0731	0.0943	0.1390	0.1803	0.2128	1.9990
RP1000/A	0.0	0.0	0.0257	0.0331	0.0615	0.0947	0.1222	0.1801	0.2336	0.2758	2.4091
RP10000/A	0.0	0.0	0.0313	0.0404	0.0749	0.1155	0.1490	0.2195	0.2847	0.3362	2.8264
PMP/A	0.0	0.0	0.0615	0.0794	0.1473	0.2269	0.2926	0.4315	0.5596	0.6607	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
020 7156 50	PRUNEDALE ECHO VALLEY	525	04	13S	03E		M	36.833	121.661	MONTEREY

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1971	*****	*****	0.20	0.30	0.50	0.90	1.10	1.30	1.60	2.80	17.04
1972	*****	*****	0.20	0.20	0.30	0.40	0.50	0.70	0.80	1.30	9.18
1973	*****	*****	0.20	0.30	0.50	0.80	0.90	1.20	1.30	2.10	26.50
1974	*****	*****	0.30	0.30	0.50	0.80	1.10	1.80	2.10	2.80	29.90
1975	*****	*****	0.30	0.40	0.40	0.80	0.70	1.10	1.20	1.50	17.50

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
020 7156 50	PRUNEDALE ECHO VALLEY	525	04	13S	03E		M	36.833	121.661	MONTEREY

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.25	0.30	0.42	0.66	0.80	1.09	1.29	1.93	19.15
5	0.0	0.0	0.35	0.42	0.59	0.92	1.13	1.53	1.81	2.72	25.21
10	0.0	0.0	0.42	0.49	0.70	1.10	1.34	1.82	2.16	3.23	28.91
20	0.0	0.0	0.48	0.57	0.81	1.26	1.54	2.09	2.48	3.72	32.25
25	0.0	0.0	0.50	0.59	0.84	1.31	1.60	2.17	2.58	3.87	33.27
40	0.0	0.0	0.54	0.64	0.91	1.42	1.73	2.35	2.79	4.18	35.37
50	0.0	0.0	0.56	0.66	0.94	1.47	1.79	2.43	2.88	4.32	36.33
100	0.0	0.0	0.62	0.73	1.04	1.62	1.97	2.68	3.18	4.77	39.24
200	0.0	0.0	0.68	0.79	1.13	1.77	2.15	2.92	3.47	5.20	42.04
1000	0.0	0.0	0.80	0.94	1.35	2.10	2.55	3.47	4.12	6.17	48.24
10000	0.0	0.0	0.98	1.15	1.64	2.56	3.11	4.23	5.02	7.53	56.60
PMP	0.0	0.0	1.93	2.26	3.22	5.03	6.12	8.31	9.86	14.79	119.74
MEAN	0.0	0.0	0.274	0.321	0.458	0.714	0.869	1.180	1.400	2.100	20.024
CLOCK HR. COR.	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.609	0.000	-1.258	-0.937	-0.541	-0.620	0.461	-0.050	-0.062
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800

SLOPE OF LOG INTENSITY / LOG TIME = -.513 ; INTERCEPT (TIME=1 HOUR) =0.491 ; COEFFICIENT OF DETERMINATION = 0.979
1HR INTERCEPT / MEAN YR =0.02454 ; AVERAGE CALC CV / USED CV = 0.62

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	3.689	8.333	6.926	6.510	5.427	7.683	7.035	4.334	5.687
N	0	0	5	5	5	5	5	5	5	5	5
RECORD YEAR	0	0	1974	1975	1971	1971	1971	1974	1974	1971	1974
RECORD MAXIMUM	0.0	0.0	0.300	0.400	0.500	0.900	1.100	1.800	2.100	2.800	29.900
NORMILIZED MAX	0.0	0.0	0.423	1.044	0.456	0.912	0.879	1.284	1.444	0.995	1.197
CALC. COEF. VAR	0.0	0.0	0.228	0.236	0.203	0.286	0.303	0.277	0.346	0.335	0.412
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0137	0.0160	0.0229	0.0357	0.0434	0.0589	0.0699	0.1049	1.0000
RP10/A	0.0	0.0	0.0210	0.0247	0.0352	0.0549	0.0668	0.0908	0.1077	0.1615	1.4437
RP25/A	0.0	0.0	0.0252	0.0295	0.0421	0.0657	0.0799	0.1085	0.1287	0.1931	1.6617
RP50/A	0.0	0.0	0.0281	0.0330	0.0470	0.0734	0.0893	0.1213	0.1439	0.2159	1.8184
RP100/A	0.0	0.0	0.0310	0.0364	0.0519	0.0809	0.0984	0.1337	0.1587	0.2380	1.9596
RP1000/A	0.0	0.0	0.0402	0.0471	0.0672	0.1048	0.1275	0.1733	0.2056	0.3084	2.5091
RP10000/A	0.0	0.0	0.0490	0.0575	0.0819	0.1278	0.1555	0.2112	0.2506	0.3759	2.8264
PMP/A	0.0	0.0	0.0963	0.1129	0.1610	0.2512	0.3056	0.4152	0.4926	0.7388	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. HSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
020 7669 30	SALINAS COUNTRY CLUB	160	03	14S	03E		M	37.750	121.633	MONTEREY

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1971	*****	*****	0.30	0.40	0.50	0.70	0.80	1.10	1.40	1.90	14.27
1972	*****	*****	0.10	0.10	0.20	0.40	0.50	0.70	0.80	0.80	6.99
1973	*****	*****	0.20	0.20	0.30	0.50	0.60	0.90	1.20	1.60	24.87
1974	*****	*****	0.20	0.30	0.50	0.80	1.00	1.60	2.00	2.10	23.59
1975	*****	*****	0.30	0.30	0.40	0.60	0.80	1.00	1.20	1.50	13.70

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. HSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
020 7669 30	SALINAS COUNTRY CLUB	160	03	14S	03E		M	37.750	121.633	MONTEREY

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.23	0.26	0.36	0.56	0.69	0.98	1.22	1.49	15.95
5	0.0	0.0	0.32	0.36	0.51	0.79	0.97	1.37	1.71	2.10	21.00
10	0.0	0.0	0.39	0.43	0.61	0.94	1.15	1.63	2.03	2.50	24.09
20	0.0	0.0	0.44	0.49	0.70	1.08	1.32	1.88	2.38	2.87	26.87
25	0.0	0.0	0.46	0.51	0.73	1.13	1.38	1.95	2.43	2.98	27.72
40	0.0	0.0	0.50	0.55	0.79	1.22	1.49	2.11	2.63	3.22	29.47
50	0.0	0.0	0.52	0.57	0.81	1.26	1.54	2.18	2.72	3.33	30.27
100	0.0	0.0	0.57	0.63	0.90	1.39	1.70	2.41	3.00	3.68	32.70
200	0.0	0.0	0.62	0.69	0.98	1.51	1.85	2.62	3.27	4.01	35.03
1000	0.0	0.0	0.74	0.82	1.16	1.80	2.20	3.12	3.88	4.76	40.19
10000	0.0	0.0	0.90	1.00	1.42	2.19	2.68	3.80	4.73	5.81	47.16
PMP	0.0	0.0	1.77	1.96	2.78	4.31	5.27	7.47	9.30	11.41	99.77
MEAN	0.0	0.0	0.251	0.278	0.395	0.612	0.747	1.060	1.320	1.620	16.684
CLOCK HR. COR.	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	-0.512	-0.405	-0.541	0.000	0.081	1.169	0.846	-1.326	-0.074
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800

SLOPE OF LOG INTENSITY / LOG TIME = -.535 ; INTERCEPT (TIME=1 HOUR) =0.828 ; COEFFICIENT OF DETERMINATION = 0.972
1HR INTERCEPT / MEAN YR =0.02567 ; AVERAGE CALC CV / USED CV = 0.84

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	6.156	6.519	5.426	5.666	5.985	6.361	6.121	6.084	5.246
N	0	0	5	5	5	5	5	5	5	5	5
RECORD YEAR	0	0	1971	1971	1971	1974	1974	1974	1974	1974	1973
RECORD MAXIMUM	0.0	0.0	0.300	0.400	0.500	0.800	1.000	1.600	2.000	2.100	24.870
NORMILIZED MAX	0.0	0.0	0.516	0.988	0.773	1.166	1.283	1.606	1.552	0.947	1.095
CALC. COEF. VAR	0.0	0.0	0.360	0.439	0.343	0.264	0.263	0.317	0.332	0.313	0.448
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0150	0.0167	0.0237	0.0367	0.0448	0.0635	0.0791	0.0971	1.0000
RP10/A	0.0	0.0	0.0232	0.0257	0.0365	0.0565	0.0690	0.0979	0.1219	0.1496	1.4437
RP25/A	0.0	0.0	0.0277	0.0307	0.0436	0.0675	0.0825	0.1170	0.1457	0.1788	1.6617
RP50/A	0.0	0.0	0.0309	0.0343	0.0488	0.0755	0.0922	0.1308	0.1629	0.1999	1.8144
RP100/A	0.0	0.0	0.0341	0.0378	0.0538	0.0832	0.1017	0.1442	0.1795	0.2203	1.9598
RP1000/A	0.0	0.0	0.0442	0.0490	0.0697	0.1079	0.1317	0.1868	0.2326	0.2855	2.4091
RP10000/A	0.0	0.0	0.0539	0.0598	0.0849	0.1315	0.1606	0.2277	0.2836	0.3480	2.8264
PMP/A	0.0	0.0	0.1059	0.1175	0.1669	0.2584	0.3156	0.4476	0.5574	0.6841	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
020 8276 0	SLACK CANYON	1730	22	21S	12E		M	36.083	120.667	MONTEREY

MMMINUTES,MMMOURS,DMDAYS,C YRMCALENDAR YEAR,W YRMWATER YEAR,F YRMFISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1944	0.08	0.10	0.13	0.18	0.32	0.52	0.63	0.84	1.36	2.10	16.05
1945	0.13	0.23	0.31	0.51	0.72	0.96	1.19	1.75	2.59	3.70	16.05
1946	0.05	0.07	0.09	0.15	0.26	0.47	0.53	0.90	1.21	2.08	******
1947	0.10	0.17	0.21	0.25	0.32	0.40	0.58	0.74	0.93	0.95	******
1948	0.14	0.16	0.16	0.26	0.45	0.79	0.94	1.50	1.67	2.14	******
1949	0.10	0.19	0.24	0.30	0.53	0.85	1.09	1.50	1.90	2.27	12.00
1950	0.15	0.28	0.34	0.56	0.60	0.74	0.96	1.25	1.43	1.65	12.04
1951	0.12	0.15	0.16	0.21	0.31	0.51	0.68	1.23	1.73	1.97	13.29
1952	0.10	0.14	0.16	0.23	0.48	0.88	1.16	1.49	1.69	2.40	22.25
1953	0.16	0.26	0.35	0.56	0.75	1.17	1.50	2.17	2.29	2.30	7.53
1954	0.07	0.09	0.12	0.24	0.37	0.53	0.73	1.23	1.79	2.01	14.09
1955	0.05	0.10	0.14	0.28	0.50	0.98	1.25	2.23	3.28	4.40	21.53
1956	0.06	0.11	0.12	0.13	0.17	0.31	0.39	0.72	0.95	1.12	7.98
1957	0.06	0.11	0.15	0.20	0.36	0.70	0.92	1.10	1.16	1.09	15.07
1958	0.09	0.14	0.15	0.23	0.36	0.52	0.67	1.02	1.71	2.60	23.90
1959	0.29	0.49	0.67	1.04	1.14	1.16	1.18	1.20	1.32	1.37	10.75
1960	0.18	0.21	0.26	0.39	0.50	0.64	0.79	0.93	1.69	1.80	14.41
1961	0.05	0.09	0.13	0.24	0.41	0.60	0.73	1.35	1.56	2.07	9.06
1962	0.17	0.23	0.29	0.40	0.52	0.59	0.07	1.65	2.31	2.05	15.73
1963	0.12	0.20	0.30	0.47	0.73	1.14	1.41	1.04	2.24	2.53	15.79
1964	0.05	0.08	0.10	0.10	0.31	0.48	0.50	0.69	0.88	1.26	10.30
1965	0.12	0.20	0.26	0.42	0.62	0.76	0.91	1.34	1.58	2.73	17.29
1966	0.11	0.14	0.18	0.27	0.43	0.66	0.86	1.53	2.08	3.05	10.65
1967	0.16	0.23	0.30	0.32	0.39	0.59	0.71	1.14	1.50	1.05	16.90
1968	0.08	0.10	0.15	0.24	0.33	0.51	0.62	0.72	0.96	1.31	10.97
1969	0.08	0.16	0.24	0.40	0.63	0.96	1.25	1.70	2.19	2.60	26.34
1970	0.08	0.13	0.17	0.27	0.37	0.60	0.65	0.81	1.15	1.51	15.53
1971	0.08	0.08	0.10	0.15	0.30	0.55	0.70	1.25	1.30	1.30	0.84
1972	0.10	0.13	0.14	0.22	0.30	0.44	0.50	0.65	0.83	1.33	0.74
1973	*****	*****	*****	*****	0.42	0.64	0.78	0.98	1.35	1.56	20.48
1974	*****	*****	*****	*****	0.37	0.72	0.95	1.26	1.84	2.41	14.73

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
020 8276 0	SLACK CANYON	1730	22	21S	12E		M	36.083	120.667	MONTEREY

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS M=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.10	0.15	0.19	0.30	0.42	0.64	0.80	1.15	1.51	1.96	14.08
5	0.14	0.21	0.27	0.42	0.60	0.90	1.12	1.62	2.13	2.76	18.54
10	0.16	0.25	0.33	0.50	0.71	1.07	1.33	1.92	2.53	3.28	21.26
20	0.19	0.29	0.37	0.57	0.82	1.22	1.53	2.21	2.90	3.76	23.72
25	0.20	0.30	0.39	0.60	0.85	1.27	1.59	2.30	3.02	3.92	24.47
40	0.21	0.33	0.42	0.64	0.92	1.30	1.72	2.40	3.26	4.23	26.01
50	0.22	0.34	0.43	0.67	0.95	1.02	1.78	2.57	3.30	4.38	26.72
100	0.24	0.37	0.48	0.73	1.05	1.57	1.96	2.03	3.72	4.03	20.06
200	0.26	0.41	0.52	0.80	1.14	1.71	2.14	3.09	4.06	5.27	30.92
1000	0.31	0.48	0.62	0.95	1.36	2.03	2.59	3.67	4.85	6.26	35.47
10000	0.38	0.59	0.76	1.16	1.65	2.48	3.10	4.40	5.88	7.63	41.62
PMP	0.75	1.16	1.49	2.20	3.25	4.07	4.09	0.80	11.56	14.99	80.05
MEAN	0.107	0.164	0.211	0.323	0.461	0.692	0.864	1.249	1.641	2.127	14.725
CLUCK MR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.566	2.090	2.271	2.319	1.672	0.756	0.606	0.580	0.844	1.052	0.810
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800

SLOPE OF LOG INTENSITY / LOG TIME = -.420 ; INTERCEPT (TIME=1 HOUR) =0.064 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.03154 ; AVERAGE CALC CV / USED CV = 1.14

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	6.915	9.593	10.409	10.431	7.109	3.037	3.180	3.126	4.012	4.517	3.140
N	29	29	29	29	31	31	31	31	31	31	20
RECORD YEAR	1959	1959	1959	1959	1959	1953	1953	1955	1955	1955	1969
RECORD MAXIMUM	0.290	0.490	0.670	1.040	1.140	1.170	1.580	2.230	3.280	4.400	26.340
NORMILIZED MAX	3.470	3.816	3.911	3.904	3.552	2.126	2.509	2.336	2.073	2.861	2.366
CALC. COEF. VAR	0.496	0.519	0.556	0.567	0.415	0.325	0.330	0.336	0.348	0.373	0.335
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0072	0.0112	0.0143	0.0220	0.0313	0.0470	0.0587	0.0840	0.1114	0.1445	1.0000
RP10/A	0.0111	0.0172	0.0221	0.0330	0.0402	0.0728	0.0904	0.1306	0.1716	0.2225	1.4837
RP25/A	0.0133	0.0206	0.0264	0.0404	0.0576	0.0865	0.1001	0.1561	0.2052	0.2660	1.6617
RP50/A	0.0149	0.0230	0.0295	0.0452	0.0640	0.0967	0.1200	0.1746	0.2294	0.2979	1.8144
RP100/A	0.0164	0.0253	0.0325	0.0498	0.0710	0.1066	0.1332	0.1924	0.2529	0.3279	1.9590
RP1000/A	0.0213	0.0320	0.0421	0.0646	0.0921	0.1302	0.1726	0.2494	0.3277	0.4240	2.4091
RP10000/A	0.0259	0.0400	0.0514	0.0787	0.1122	0.1604	0.2104	0.3040	0.3994	0.5179	2.0264
PMP/A	0.0510	0.0787	0.1010	0.1548	0.2206	0.3311	0.4135	0.5974	0.7651	1.0179	5.9000

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT BWM	LATITUDE	LONGITUDE	COUNTY
030 50 50	AIRFIELD HUNTER-LEGGET	1040		22S	07E M	36.000	121.317	MONTEREY

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1964	*****	*****	*****	*****	0.43	0.58	0.69	0.82	1.21	1.43	13.30
1965	*****	*****	*****	*****	0.58	1.13	1.48	2.01	2.62	2.69	21.56
1966	*****	*****	*****	*****	0.60	1.15	1.60	2.33	3.18	3.25	15.11
1967	*****	*****	*****	*****	0.87	0.92	1.25	1.80	2.24	2.38	18.22
1968	*****	*****	*****	*****	0.33	0.53	0.70	0.90	0.96	0.96	11.98
1969	*****	*****	*****	*****	0.52	0.80	1.05	1.67	2.35	3.32	30.19
1970	*****	*****	*****	*****	0.55	0.75	0.95	1.38	2.38	3.43	25.31
1971	*****	*****	*****	*****	0.39	0.53	0.76	1.10	1.32	1.33	8.61
1972	*****	*****	*****	*****	0.52	0.84	0.86	1.29	1.81	2.04	12.16
1973	*****	*****	*****	*****	0.46	0.65	0.83	1.30	1.56	1.78	25.02

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT BWM	LATITUDE	LONGITUDE	COUNTY
030 50 50	AIRFIELD HUNTER-LEGGET	1040		22S	07E M	36.000	121.317	MONTEREY

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.55	0.78	0.97	1.37	1.83	2.08	17.35
5	0.0	0.0	0.0	0.0	0.78	1.09	1.37	1.93	2.57	2.93	22.84
10	0.0	0.0	0.0	0.0	0.92	1.30	1.63	2.29	3.05	3.48	26.20
20	0.0	0.0	0.0	0.0	1.06	1.49	1.87	2.64	3.51	4.00	29.23
25	0.0	0.0	0.0	0.0	1.10	1.55	1.95	2.74	3.65	4.16	30.15
40	0.0	0.0	0.0	0.0	1.19	1.68	2.10	2.96	3.94	4.50	32.05
50	0.0	0.0	0.0	0.0	1.23	1.74	2.18	3.07	4.08	4.65	32.92
100	0.0	0.0	0.0	0.0	1.36	1.91	2.40	3.38	4.50	5.13	35.56
200	0.0	0.0	0.0	0.0	1.48	2.09	2.62	3.69	4.91	5.60	38.10
1000	0.0	0.0	0.0	0.0	1.76	2.48	3.11	4.38	5.83	6.65	43.72
10000	0.0	0.0	0.0	0.0	2.15	3.02	3.79	5.34	7.11	8.10	51.29
PMP	0.0	0.0	0.0	0.0	4.22	5.94	7.45	10.49	13.97	15.93	108.51
MEAN	0.0	0.0	0.0	0.0	0.598	0.843	1.058	1.489	1.983	2.261	18.146
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	1.306	0.518	0.877	0.457	0.184	0.025	0.398
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800

SLOPE OF LOG INTENSITY / LOG TIME = -.404 ; INTERCEPT (TIME=1 HOUR) =0.596 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.03285 ; AVERAGE CALC CV / USED CV = 0.74

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	6.604	3.139	3.442	3.406	3.171	2.566	2.954
N	0	0	0	0	10	10	10	10	10	10	10
RECORD YEAR	0	0	0	0	1967	1966	1966	1966	1966	1970	1969
RECORD MAXIMUM	0.0	0.0	0.0	0.0	0.870	1.150	1.600	2.330	3.180	3.430	30.190
NORMILIZED MAX	0.0	0.0	0.0	0.0	1.606	1.261	1.607	1.693	1.679	1.307	1.696
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.282	0.289	0.319	0.333	0.360	0.395	0.391
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0	0.0	0.0330	0.0465	0.0583	0.0821	0.1093	0.1246	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0508	0.0716	0.0898	0.1264	0.1683	0.1919	1.4437
RP25/A	0.4	0.0	0.0	0.0	0.0607	0.0856	0.1073	0.1511	0.2012	0.2294	1.6617
RP50/A	0.0	0.0	0.0	0.0	0.0679	0.0956	0.1200	0.1689	0.2249	0.2565	1.8144
RP100/A	0.0	0.0	0.0	0.0	0.0748	0.1054	0.1323	0.1862	0.2479	0.2827	1.9598
RP1000/A	0.0	0.0	0.0	0.0	0.0970	0.1366	0.1714	0.2413	0.3213	0.3664	2.4091
RP10000/A	0.0	0.0	0.0	0.0	0.1182	0.1665	0.2089	0.2941	0.3916	0.4466	2.8264
PMP/A	0.0	0.0	0.0	0.0	0.2324	0.3273	0.4106	0.5782	0.7697	0.8778	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUB										
030 1142 0	BRYSON	925	34	24S	08E		M	35.800	121.083	MONTEREY

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1946	0.09	0.14	0.16	0.32	0.56	1.03	1.43	2.58	3.68	4.60	******
1947	0.10	0.15	0.18	0.31	0.50	0.72	0.79	0.98	1.16	1.18	7.18
1948	0.05	0.10	0.14	0.23	0.33	0.59	0.75	1.30	1.68	2.18	19.17
1949	0.11	0.15	0.23	0.42	0.47	0.67	0.92	1.50	2.13	3.20	17.10
1950	0.24	0.35	0.41	0.50	0.71	0.92	1.47	2.13	2.40	2.55	24.22
1951	0.15	0.23	0.26	0.33	0.61	1.17	1.57	2.59	3.25	3.43	20.35
1952	0.20	0.28	0.36	0.53	0.83	1.36	1.81	2.20	3.03	3.46	34.08
1953	0.40	0.50	0.59	0.79	1.18	1.58	1.92	2.56	2.61	2.75	9.94
1954	0.15	0.25	0.27	0.44	0.66	0.84	1.07	1.74	2.10	2.80	20.94
1955	0.13	0.18	0.27	0.49	0.75	1.32	1.98	3.36	4.75	6.69	28.98
1956	0.13	0.18	0.23	0.36	0.45	0.82	1.17	2.16	2.88	3.21	13.80
1957	0.11	0.14	0.17	0.32	0.61	0.87	1.06	1.68	2.61	3.61	23.28
1958	0.20	0.27	0.38	0.42	0.59	1.16	1.56	2.36	2.60	3.28	39.49
1959	0.16	0.18	0.25	0.46	0.72	1.14	1.38	1.75	2.11	2.46	16.65
1960	0.17	0.25	0.36	0.51	0.75	1.18	1.48	1.89	2.40	2.97	28.53
1961	0.16	0.25	0.27	0.38	0.62	0.99	1.33	2.11	2.52	2.58	14.56
1962	0.26	0.33	0.50	0.58	0.84	1.15	1.37	1.98	3.20	4.31	28.12
1963	0.17	0.33	0.43	0.85	1.13	1.52	2.18	2.88	3.31	5.12	30.97
1964	0.14	0.19	0.25	0.35	0.59	0.88	1.03	1.25	1.57	1.75	18.40
1965	0.18	0.29	0.39	0.58	0.85	1.34	1.66	2.16	3.32	3.95	30.75
1966	0.11	0.21	0.30	0.53	0.78	1.40	1.91	3.12	5.15	8.90	21.63
1967	0.13	0.15	0.20	0.30	0.60	1.10	1.55	2.02	3.41	3.78	27.14
1968	0.10	0.13	0.17	0.24	0.31	0.45	0.64	1.07	1.20	1.54	15.31
1969	0.16	0.25	0.30	0.60	0.81	1.45	1.78	3.08	4.46	7.23	45.02
1970	0.16	0.21	0.24	0.30	0.47	0.75	0.93	1.48	2.28	3.28	28.19
1971	0.13	0.16	0.24	0.43	0.61	0.90	1.09	1.40	1.52	2.45	13.44
1972	0.15	0.18	0.21	0.36	0.62	0.78	0.85	1.34	2.02	3.07	14.77
1973	*****	*****	*****	*****	0.59	0.90	1.16	2.02	2.84	2.96	33.95
1974	*****	*****	*****	*****	0.47	0.86	1.16	1.57	2.14	3.79	26.38

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUB										
030 1142 0	BRYSON	925	34	24S	08E		M	35.800	121.083	MONTEREY

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.21	0.26	0.41	0.60	0.95	1.24	1.88	2.49	3.27	22.02
5	0.20	0.29	0.37	0.57	0.85	1.33	1.74	2.64	3.50	4.60	29.00
10	0.24	0.34	0.44	0.68	1.01	1.58	2.07	3.14	4.16	5.47	33.25
20	0.28	0.40	0.51	0.78	1.16	1.82	2.38	3.60	4.78	6.29	37.10
25	0.29	0.41	0.53	0.81	1.21	1.89	2.48	3.75	4.97	6.54	38.28
40	0.31	0.44	0.57	0.88	1.30	2.04	2.68	4.05	5.37	7.07	40.68
50	0.32	0.46	0.59	0.91	1.35	2.12	2.77	4.19	5.56	7.31	41.79
100	0.35	0.51	0.65	1.00	1.49	2.33	3.05	4.62	6.13	8.06	45.14
200	0.39	0.55	0.71	1.09	1.62	2.54	3.33	5.04	6.69	8.79	48.36
1000	0.46	0.66	0.85	1.30	1.93	3.02	3.95	5.99	7.94	10.45	55.49
10000	0.56	0.80	1.03	1.58	2.35	3.68	4.82	7.30	9.68	12.74	65.10
PMP	1.10	1.57	2.02	3.11	4.62	7.24	9.47	14.35	19.03	25.03	137.74
MEAN	0.156	0.223	0.287	0.441	0.656	1.028	1.345	2.037	2.701	3.553	23.033
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.047	1.320	1.064	1.096	0.833	0.151	0.200	0.320	0.753	1.470	0.559
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800

SLOPE OF LOG INTENSITY / LOG TIME = -.396 ; INTERCEPT (TIME=1 HOUR) =0.674 ; COEFFICIENT OF DETERMINATION = 0.998
INR INTERCEPT / MEAN YR =0.02926 ; AVERAGE CALC CV / USED CV = 0.86

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	9.599	5.761	4.215	4.591	4.538	2.569	2.487	2.538	3.760	6.449	3.487
N	27	27	27	27	29	29	29	29	29	29	28
RECORD YEAR	1953	1953	1953	1963	1953	1953	1963	1955	1966	1966	1969
RECORD MAXIMUM	0.400	0.500	0.590	0.850	1.180	1.580	2.180	3.360	5.150	8.900	45.020
NORMILIZED MAX	3.696	3.195	2.779	2.728	2.651	1.907	2.057	2.053	2.504	3.201	2.538
CALC. COEF. VAR	0.422	0.388	0.379	0.340	0.302	0.202	0.302	0.316	0.362	0.470	0.390
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0068	0.0097	0.0125	0.0192	0.0285	0.0446	0.0584	0.0884	0.1173	0.1543	1.0000
RP10/A	0.0105	0.0149	0.0192	0.0295	0.0438	0.0687	0.0899	0.1362	0.1806	0.2376	1.4037
RP25/A	0.0125	0.0179	0.0230	0.0353	0.0524	0.0821	0.1075	0.1628	0.2159	0.2840	1.6617
RP50/A	0.0140	0.0200	0.0257	0.0394	0.0586	0.0918	0.1202	0.1820	0.2414	0.3175	1.8108
RP100/A	0.0154	0.0220	0.0283	0.0435	0.0646	0.1012	0.1325	0.2006	0.2661	0.3500	1.9508
RP1000/A	0.0200	0.0285	0.0367	0.0563	0.0837	0.1312	0.1717	0.2600	0.3448	0.4536	2.4091
RP10000/A	0.0243	0.0348	0.0447	0.0686	0.1020	0.1599	0.2093	0.3169	0.4203	0.5529	2.8268
PMP/A	0.0478	0.0683	0.0879	0.1349	0.2005	0.3143	0.4113	0.6229	0.8261	1.0867	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
030 5017 0	LOCKWOOD 2N	1104	34	22S	08E		M	35.967	121.083	MONTEREY

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.15	0.22	0.23	0.27	0.37	0.66	0.94	1.45	2.22	2.45	******
1941	0.11	0.20	0.21	0.35	0.55	0.80	0.89	1.36	1.63	2.00	38.95
1942	0.11	0.17	0.20	0.26	0.42	0.70	0.87	1.31	1.61	1.78	10.96
1943	0.13	0.16	0.18	0.24	0.32	0.62	0.91	1.39	2.01	3.05	14.63
1944	0.15	0.20	0.22	0.26	0.35	0.45	0.50	0.83	1.29	1.63	14.48
1945	0.15	0.22	0.27	0.31	0.36	0.64	0.83	1.35	2.05	3.33	15.08
1946	0.11	0.13	0.18	0.28	0.33	0.44	0.64	0.87	0.98	1.61	9.06
1947	0.06	0.10	0.12	0.19	0.25	0.40	0.52	0.61	0.63	0.67	4.00
1948	0.06	0.10	0.11	0.15	0.29	0.42	0.55	0.91	1.40	1.77	9.70
1949	0.14	0.16	0.19	0.34	0.51	0.88	1.17	1.37	1.84	2.26	10.64
1950	0.06	0.10	0.15	0.21	0.37	0.58	0.68	1.18	1.73	1.97	11.84
1951	0.05	0.09	0.11	0.20	0.35	0.54	0.58	0.59	0.59	*****	10.50
1952	0.11	0.19	0.20	0.29	0.41	0.66	0.80	1.01	1.62	2.06	17.96
1953	0.09	0.18	0.20	0.22	0.39	0.69	0.90	1.41	1.54	1.60	4.49
1954	0.11	0.19	0.24	0.25	0.37	0.60	0.90	1.44	1.54	1.71	12.70
1955	0.18	0.21	0.25	0.37	0.37	0.74	0.98	1.61	2.52	3.35	19.86
1956	0.16	0.26	0.30	0.59	0.75	0.82	0.85	0.96	1.18	1.37	6.82
1957	0.05	0.10	0.15	0.30	0.46	0.62	0.90	1.43	1.49	1.84	14.57
1958	0.14	0.19	0.26	0.39	0.44	0.61	0.72	1.04	1.33	2.10	23.45
1959	0.09	0.18	0.20	0.26	0.36	0.51	0.71	1.02	1.54	1.75	9.72
1960	0.19	0.24	0.30	0.34	0.36	0.52	0.65	1.02	1.32	1.32	13.07
1961	0.06	0.09	0.13	0.18	0.23	0.41	0.61	0.97	1.55	2.02	9.39
1962	0.09	0.15	0.19	0.32	0.60	1.02	1.22	1.35	1.80	2.21	13.11
1963	0.18	0.24	0.29	0.42	0.60	0.77	1.01	1.62	2.00	2.90	17.87
1964	0.18	0.21	0.23	0.30	0.37	0.52	0.66	1.03	1.45	1.59	10.60
1965	0.14	0.19	0.26	0.36	0.59	1.16	1.38	1.86	1.89	2.10	42.30
1966	0.28	0.38	0.47	0.48	0.49	0.80	0.89	0.99	1.84	2.90	10.35
1967	0.20	0.20	0.20	0.40	0.40	0.46	0.59	1.10	1.40	1.70	14.28
1968	0.06	0.09	0.13	0.22	0.30	0.40	0.47	0.80	0.90	1.20	9.94
1969	*****	*****	*****	*****	0.20	0.40	0.50	0.90	1.60	2.10	22.50
1970	*****	*****	*****	*****	0.60	0.70	0.90	1.50	1.70	2.70	17.90
1971	*****	*****	*****	*****	0.40	0.60	0.80	1.20	1.50	1.60	7.90
1972	*****	*****	*****	*****	0.30	0.30	0.50	0.70	1.20	1.70	8.90
1973	*****	*****	0.10	0.20	0.40	0.50	0.60	1.00	1.20	1.30	18.70
1974	*****	*****	0.20	0.30	0.50	0.90	1.10	1.30	1.70	2.30	15.80

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
030 5017 0	LOCKWOOD 2N	1104	34	22S	08E		M	35.967	121.083	MONTEREY

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.11	0.16	0.19	0.28	0.38	0.58	0.73	1.07	1.42	1.84	13.84
5	0.16	0.23	0.27	0.39	0.53	0.81	1.03	1.50	1.99	2.59	18.22
10	0.19	0.27	0.32	0.46	0.63	0.96	1.22	1.78	2.37	3.08	20.89
20	0.22	0.31	0.37	0.53	0.73	1.11	1.40	2.05	2.72	3.54	23.31
25	0.23	0.33	0.38	0.55	0.76	1.15	1.46	2.13	2.83	3.68	24.05
40	0.25	0.35	0.42	0.59	0.82	1.24	1.58	2.30	3.06	3.98	25.56
50	0.25	0.36	0.43	0.62	0.84	1.29	1.63	2.38	3.16	4.11	26.26
100	0.28	0.40	0.47	0.68	0.93	1.42	1.80	2.62	3.49	4.53	28.36
200	0.31	0.44	0.52	0.74	1.02	1.55	1.96	2.86	3.80	4.95	30.39
1000	0.36	0.52	0.61	0.88	1.21	1.84	2.33	3.40	4.52	5.88	34.86
10000	0.44	0.64	0.75	1.07	1.47	2.24	2.84	4.15	5.51	7.16	40.90
PMP	0.87	1.25	1.47	2.11	2.89	4.40	5.58	8.15	10.83	14.08	80.54
MEAN	0.124	0.177	0.209	0.299	0.410	0.625	0.792	1.157	1.537	1.998	14.472
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.693	0.839	1.319	1.043	0.821	0.816	0.589	0.123	-0.205	0.540	2.065
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800

SLOPE OF LOG INTENSITY / LOG TIME = -.488 ; INTERCEPT (TIME=1 HOUR) =0.434 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.02996 ; AVERAGE CALC CV / USED CV = 0.83

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.946	5.403	6.956	4.870	3.928	3.996	3.246	2.748	3.937	3.497	8.309
N	29	29	31	31	35	35	35	35	35	34	34
RECORD YEAR	1966	1966	1966	1956	1956	1965	1965	1965	1955	1955	1965
RECORD MAXIMUM	0.280	0.380	0.470	0.590	0.750	1.180	1.380	1.860	2.520	3.350	42.300
NONMILIZED MAX	2.854	3.175	3.517	3.075	2.852	2.890	2.633	2.333	2.419	2.220	3.444
CALC. COEF. VAR	0.442	0.360	0.356	0.316	0.290	0.308	0.262	0.261	0.264	0.305	0.558
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0086	0.0122	0.0144	0.0207	0.0284	0.0432	0.0547	0.0799	0.1062	0.1381	1.0000
RP10/A	0.0132	0.0189	0.0222	0.0318	0.0437	0.0665	0.0843	0.1231	0.1636	0.2127	1.4437
RP25/A	0.0158	0.0226	0.0266	0.0380	0.0522	0.0795	0.1008	0.1472	0.1955	0.2542	1.6617
RP50/A	0.0176	0.0252	0.0297	0.0425	0.0584	0.0888	0.1127	0.1645	0.2186	0.2842	1.8144
RP100/A	0.0194	0.0278	0.0327	0.0469	0.0643	0.0979	0.1242	0.1814	0.2410	0.3133	1.9598
RP1000/A	0.0252	0.0360	0.0424	0.0608	0.0834	0.1269	0.1609	0.2350	0.3123	0.4060	2.4091
RP10000/A	0.0307	0.0439	0.0517	0.0741	0.1016	0.1547	0.1962	0.2864	0.3806	0.4949	2.8264
PMP/A	0.0603	0.0863	0.1016	0.1456	0.1997	0.3040	0.3856	0.5630	0.7482	0.9726	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN NUMBER SUM	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BRM	LATITUDE	LONGITUDE	COUNTY
030 9221 0	VALLETON	950	32	23S	12E		M	35.883	120.700	MONTEREY

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1943	0.10	0.17	0.21	0.30	0.43	0.56	0.72	1.12	1.18	1.24	15.46
1944	0.08	0.12	0.17	0.21	0.27	0.40	0.56	0.85	1.01	1.32	10.28
1945	0.17	0.20	0.21	0.27	0.28	0.37	0.45	0.89	1.43	2.56	9.25
1946	0.08	0.13	0.17	0.25	0.32	0.62	0.84	1.07	1.23	1.72	9.17
1947	0.19	0.28	0.33	0.37	0.39	0.44	0.44	0.56	0.58	0.65	3.39
1948	0.07	0.12	0.16	0.21	0.28	0.40	0.53	0.77	1.09	1.20	9.04
1949	0.06	0.11	0.14	0.17	0.34	0.50	0.56	0.74	1.04	1.13	9.19
1950	0.15	0.17	0.21	0.31	0.35	0.45	0.55	1.00	1.20	1.20	8.21
1951	0.10	0.16	0.19	0.32	0.35	0.43	0.52	0.68	0.82	1.47	8.67
1952	0.22	0.26	0.27	0.33	0.47	0.76	0.87	0.99	0.99	1.82	16.61
1953	0.19	0.29	0.36	0.54	0.94	1.35	1.69	2.16	2.21	2.21	5.05
1954	0.07	0.13	0.15	0.20	0.30	0.53	0.63	0.80	0.95	1.22	11.81
1955	0.16	0.23	0.28	0.38	0.60	0.71	0.94	1.35	2.03	2.70	15.85
1956	0.08	0.15	0.22	0.25	0.32	0.44	0.50	0.88	1.17	1.25	6.00
1957	0.07	0.13	0.20	0.32	0.38	0.39	0.54	0.62	0.82	1.47	11.63
1958	0.11	0.20	0.23	0.39	0.45	0.55	0.68	1.16	1.55	1.92	18.50
1959	0.14	0.19	0.25	0.32	0.39	0.51	0.55	0.72	0.69	1.25	5.94
1960	0.12	0.15	0.21	0.27	0.41	0.53	0.60	0.79	1.02	1.11	10.70
1961	0.09	0.13	0.15	0.21	0.23	0.45	0.59	0.69	1.18	1.54	7.58
1962	0.04	0.08	0.11	0.20	0.29	0.58	0.62	1.44	1.94	2.47	11.19
1963	0.10	0.16	0.21	0.32	0.53	0.65	1.15	1.46	1.83	2.20	16.08
1964	0.11	0.17	0.25	0.32	0.43	0.48	0.56	0.68	0.68	0.71	7.30
1965	0.33	0.35	0.38	0.41	0.52	0.56	0.71	0.99	1.34	2.12	14.12
1966	0.11	0.14	0.17	0.24	0.35	0.54	0.74	0.99	1.42	2.11	7.57
1967	0.07	0.12	0.18	0.27	0.35	0.50	0.52	0.64	0.80	1.12	13.08
1968	0.18	0.19	0.27	0.32	0.40	0.67	0.69	0.86	0.90	0.93	9.58
1969	0.16	0.22	0.28	0.33	0.57	1.03	1.43	1.79	2.60	3.10	22.89
1970	0.21	0.23	0.25	0.28	0.40	0.62	0.73	0.89	0.95	1.32	13.30
1971	0.06	0.10	0.11	0.17	0.29	0.47	0.57	0.62	1.00	1.46	6.05
1972	0.17	0.21	0.25	0.30	0.48	0.67	0.75	0.77	1.16	1.37	6.96
1973	*****	*****	*****	*****	0.41	0.51	0.67	1.04	1.16	1.26	15.31

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN NUMBER SUM	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BRM	LATITUDE	LONGITUDE	COUNTY
030 9221 0	VALLETON	950	32	23S	12E		M	35.883	120.700	MONTEREY

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.16	0.20	0.27	0.37	0.53	0.66	0.91	1.14	1.46	10.39
5	0.16	0.23	0.28	0.38	0.52	0.75	0.92	1.27	1.60	2.05	13.66
10	0.19	0.27	0.34	0.46	0.62	0.89	1.10	1.51	1.91	2.44	15.69
20	0.22	0.31	0.39	0.52	0.71	1.02	1.26	1.74	2.19	2.81	17.50
25	0.23	0.32	0.40	0.54	0.74	1.06	1.31	1.81	2.28	2.92	18.06
40	0.25	0.35	0.43	0.59	0.80	1.15	1.42	1.96	2.46	3.15	19.19
50	0.26	0.36	0.45	0.61	0.83	1.19	1.47	2.02	2.55	3.26	19.72
100	0.29	0.40	0.49	0.67	0.92	1.31	1.62	2.23	2.81	3.60	21.30
200	0.31	0.44	0.54	0.73	1.00	1.43	1.76	2.43	3.06	3.92	22.62
1000	0.37	0.52	0.64	0.87	1.19	1.70	2.10	2.89	3.64	4.66	26.18
10000	0.45	0.63	0.78	1.06	1.45	2.07	2.56	3.52	4.44	5.68	30.71
PMP	0.89	1.24	1.53	2.08	2.84	4.06	5.02	6.92	8.72	11.17	84.98
MEAN	0.126	0.176	0.218	0.296	0.404	0.576	0.713	0.883	1.238	1.585	10.867
CLUCK HR. CUR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.252	0.955	0.804	0.756	2.259	2.362	2.225	1.764	1.359	0.823	0.748
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800

SLOPE OF LOG INTENSITY / LOG TIME = -.522 ; INTERCEPT (TIME=1 HOUR) =0.415 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.03815 ; AVERAGE CALC CV / USED CV = 0.88

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	5.379	3.985	3.717	4.580	10.615	9.891	8.488	6.746	6.749	3.336	3.554
N	30	30	30	30	31	31	31	31	31	31	31
RECORD YEAR	1965	1965	1965	1953	1953	1953	1953	1953	1969	1969	1969
RECORD MAXIMUM	0.330	0.350	0.380	0.540	0.940	1.350	1.690	2.160	2.600	3.100	22.890
NORMALIZED MAX	3.238	2.793	2.475	3.013	3.991	3.838	3.548	3.306	2.930	2.546	2.677
CALC. COEF. VAR	0.498	0.353	0.301	0.274	0.333	0.350	0.386	0.356	0.375	0.375	0.413
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0116	0.0162	0.0200	0.0272	0.0371	0.0530	0.0656	0.0905	0.1139	0.1459	1.0000
RP10/A	0.0179	0.0250	0.0309	0.0419	0.0572	0.0817	0.1010	0.1393	0.1755	0.2247	1.4437
RP25/A	0.0214	0.0299	0.0369	0.0501	0.0684	0.0977	0.1208	0.1665	0.2098	0.2686	1.6617
RP50/A	0.0239	0.0334	0.0412	0.0560	0.0764	0.1092	0.1350	0.1862	0.2345	0.3003	1.8144
RP100/A	0.0268	0.0368	0.0455	0.0617	0.0843	0.1204	0.1489	0.2053	0.2585	0.3311	1.9588
RP1000/A	0.0342	0.0477	0.0589	0.0800	0.1092	0.1560	0.1929	0.2660	0.3350	0.4280	2.4091
RP10000/A	0.0417	0.0582	0.0718	0.0975	0.1331	0.1901	0.2351	0.3242	0.4084	0.5229	2.8264
PMP/A	0.0819	0.1143	0.1411	0.1917	0.2616	0.3737	0.4622	0.6372	0.8026	1.0279	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. HSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
040 1534 25	CARMEL VALLEY ROBINSON C	125	24	16S	01E		M	36.533	122.800	MONTEREY

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1971	*****	*****	0.30	0.40	0.50	0.90	1.30	2.20	2.20	2.30	14.93
1972	*****	*****	0.20	0.30	0.40	0.50	0.60	0.90	1.00	1.40	8.37
1973	*****	*****	0.30	0.40	0.50	0.70	0.80	0.90	1.40	1.80	27.80
1974	*****	*****	0.30	0.30	0.50	0.90	1.30	2.10	2.50	2.60	21.10
1975	*****	*****	0.30	0.30	0.50	0.60	0.90	1.50	2.00	2.20	17.10

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. HSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
040 1534 25	CARMEL VALLEY ROBINSON C	125	24	16S	01E		M	36.533	122.800	MONTEREY

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION DEDAYS HHOURS MMINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.26	0.31	0.44	0.66	0.90	1.40	1.68	1.90	17.08
5	0.0	0.0	0.36	0.44	0.62	0.93	1.27	1.97	2.38	2.67	22.48
10	0.0	0.0	0.43	0.52	0.74	1.11	1.51	2.34	2.80	3.17	25.78
20	0.0	0.0	0.50	0.60	0.85	1.27	1.73	2.69	3.22	3.65	28.77
25	0.0	0.0	0.52	0.63	0.88	1.33	1.80	2.80	3.35	3.79	29.68
40	0.0	0.0	0.56	0.68	0.95	1.43	1.95	3.02	3.62	4.10	31.54
50	0.0	0.0	0.58	0.70	0.99	1.48	2.02	3.13	3.75	4.24	32.40
100	0.0	0.0	0.64	0.77	1.09	1.63	2.22	3.45	4.13	4.67	35.00
200	0.0	0.0	0.69	0.84	1.19	1.78	2.43	3.76	4.50	5.10	37.50
1000	0.0	0.0	0.82	1.00	1.41	2.12	2.88	4.47	5.35	6.06	43.03
10000	0.0	0.0	1.00	1.22	1.72	2.58	3.51	5.45	6.52	7.38	50.48
PMP	0.0	0.0	1.97	2.40	3.38	5.07	6.90	10.71	12.82	14.51	106.80
MEAN	0.0	0.0	0.280	0.340	0.480	0.720	0.980	1.520	1.820	2.060	17.860
CLUCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	-2.236	0.609	-2.235	-0.052	0.060	0.056	-0.460	-0.536	0.150
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800

SLOPE OF LOG INTENSITY / LOG TIME = -.493 ; INTERCEPT (TIME=1 HOUR) =0.518 ; COEFFICIENT OF DETERMINATION = 0.975
1HR INTERCEPT / MEAN YR =0.02901 ; AVERAGE CALC CV / USED CV = 0.49

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	10.832	3.888	10.830	4.730	4.751	4.220	5.412	6.204	6.921
N	0	0	5	5	5	5	5	5	5	5	5
RECORD YEAR	0	0	1971	1971	1971	1971	1971	1971	1974	1974	1973
RECORD MAXIMUM	0.0	0.0	0.300	0.400	0.500	0.900	1.300	2.200	2.500	2.600	27.800
NORMALIZED MAX	0.0	0.0	0.447	1.095	0.447	1.006	1.027	1.086	1.115	1.157	1.377
CALC. COEF. VAR	0.0	0.0	0.180	0.161	0.093	0.248	0.318	0.412	0.335	0.227	0.404
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0157	0.0190	0.0269	0.0403	0.0549	0.0851	0.1019	0.1153	1.0000
RP10/A	0.0	0.0	0.0241	0.0293	0.0414	0.0621	0.0845	0.1311	0.1570	0.1777	1.4437
RP25/A	0.0	0.0	0.0269	0.0351	0.0495	0.0742	0.1010	0.1567	0.1876	0.2124	1.6617
RP50/A	0.0	0.0	0.0323	0.0392	0.0553	0.0830	0.1129	0.1752	0.2098	0.2374	1.8144
RP100/A	0.0	0.0	0.0356	0.0432	0.0610	0.0915	0.1245	0.1931	0.2312	0.2617	1.9598
RP1000/A	0.0	0.0	0.0461	0.0560	0.0790	0.1185	0.1613	0.2502	0.2996	0.3392	2.4091
RP10000/A	0.0	0.0	0.0562	0.0682	0.0963	0.1445	0.1967	0.3050	0.3652	0.4134	2.6264
PMP/A	0.0	0.0	0.1104	0.1341	0.1893	0.2840	0.3866	0.5996	0.7179	0.8126	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. HSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
040 5144 0	LUCIA MILLER SPRINGS	360	05	24S	05E		M	35.883	121.450	MONTEREY

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

DURATION

YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	*****	*****	0.90	1.31	1.52	1.68	2.31	2.67	3.20	4.22	******
1942	*****	*****	0.30	0.46	0.84	1.53	1.96	3.10	3.90	4.53	25.90
1943	*****	*****	0.28	0.40	0.87	1.44	2.12	3.77	5.86	7.06	30.47
1944	*****	*****	0.21	0.34	0.62	1.12	1.44	1.80	2.27	2.51	27.02
1945	0.16	0.25	0.31	0.61	0.86	1.05	1.20	2.15	4.20	6.46	30.06
1946	0.14	0.17	0.20	0.33	0.51	0.91	1.17	1.81	2.54	3.42	18.44
1947	0.14	0.22	0.28	0.36	0.39	0.46	0.54	0.98	1.10	1.47	13.08
1948	0.11	0.16	0.19	0.33	0.51	0.65	0.79	1.74	1.95	2.44	20.64
1949	0.41	0.51	0.60	0.92	1.22	1.77	1.93	2.50	3.62	4.52	25.16
1950	0.18	0.26	0.31	0.57	0.71	0.79	0.92	1.65	2.55	2.81	27.79
1951	0.20	0.33	0.42	0.53	0.75	1.10	1.29	1.40	2.68	2.92	23.58
1952	0.26	0.44	0.46	0.52	0.70	1.16	1.62	2.56	3.04	3.66	33.12
1953	0.32	0.52	0.80	1.18	1.38	1.72	2.06	2.20	2.51	2.67	16.27
1954	0.18	0.20	0.28	0.32	0.50	0.72	1.08	1.58	1.98	2.88	25.99
1955	0.20	0.30	0.33	0.51	0.96	1.50	1.93	3.21	5.01	6.27	30.97
1956	0.18	0.31	0.32	0.35	0.58	1.10	1.49	2.28	2.93	3.06	14.54
1957	0.10	0.19	0.28	0.41	0.64	0.86	0.96	1.38	2.09	2.66	28.57
1958	0.24	0.37	0.42	0.62	0.90	1.24	1.54	1.72	1.94	2.39	34.25
1959	0.30	0.42	0.56	0.66	0.71	1.03	1.42	2.29	3.78	4.50	18.80
1960	0.38	0.52	0.62	0.82	1.03	1.64	2.37	3.67	3.98	3.98	27.16
1961	0.12	0.16	0.20	0.32	0.60	0.87	1.06	1.47	2.28	2.72	17.81
1962	0.14	0.22	0.30	0.44	0.84	1.52	1.98	2.75	3.12	4.84	27.62
1963	0.30	0.35	0.50	0.75	0.98	1.32	1.51	2.08	3.60	6.50	43.54
1964	0.24	0.38	0.40	0.50	0.60	0.82	0.93	1.38	2.08	2.72	23.63
1965	0.26	0.40	0.50	0.99	1.17	1.57	1.64	1.79	2.77	3.07	31.03
1966	0.40	0.53	0.66	1.00	1.30	1.36	1.48	2.03	2.91	3.20	19.10
1967	0.10	0.18	0.20	0.36	0.60	1.00	1.41	2.18	2.69	2.98	25.72
1968	0.10	0.14	0.20	0.36	0.66	1.06	1.32	1.96	2.10	2.10	22.65
1969	0.16	0.26	0.30	0.54	0.80	1.12	1.37	2.48	3.71	6.48	47.23
1970	0.15	0.22	0.27	0.34	0.47	0.74	0.93	1.42	1.63	2.43	37.65
1971	0.27	0.31	0.33	0.51	0.62	0.92	1.33	1.52	1.60	1.82	17.47
1972	0.37	0.50	0.55	0.94	1.32	1.70	2.05	3.00	4.07	5.72	19.54
1973	*****	*****	*****	*****	0.70	1.25	1.71	2.31	2.65	3.38	46.92
1974	*****	*****	*****	*****	0.55	1.03	1.37	2.30	3.79	5.96	38.35

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. HSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
040 5144 0	LUCIA MILLER SPRINGS	360	05	24S	05E		M	35.883	121.450	MONTEREY

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.20	0.29	0.36	0.53	0.74	1.08	1.36	2.00	2.74	3.49	25.91
5	0.28	0.41	0.51	0.75	1.04	1.52	1.91	2.81	3.84	4.91	34.12
10	0.34	0.48	0.60	0.89	1.24	1.81	2.28	3.35	4.57	5.84	39.13
20	0.39	0.55	0.69	1.03	1.42	2.08	2.61	3.84	5.25	6.71	43.65
25	0.40	0.58	0.72	1.07	1.48	2.16	2.72	4.00	5.47	6.98	45.03
40	0.44	0.62	0.78	1.15	1.60	2.34	2.94	4.32	5.91	7.54	47.86
50	0.45	0.65	0.80	1.19	1.66	2.42	3.04	4.47	6.11	7.81	49.17
100	0.50	0.71	0.88	1.31	1.83	2.67	3.35	4.93	6.74	8.61	53.11
200	0.54	0.78	0.97	1.43	1.99	2.91	3.66	5.38	7.35	9.39	56.90
1000	0.65	0.92	1.15	1.70	2.37	3.45	4.34	6.39	8.73	11.15	65.29
10000	0.79	1.12	1.40	2.08	2.89	4.21	5.30	7.79	10.64	13.59	76.60
PMP	1.55	2.21	2.75	4.08	5.67	8.28	10.41	15.30	20.91	26.72	162.06
MEAN	0.220	0.314	0.390	0.579	0.805	1.175	1.477	2.172	2.969	3.793	27.101
CLUCK MW, CUM.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.573	0.437	1.180	1.235	0.932	0.199	0.138	0.892	0.731	0.857	0.868
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800

SLOPE OF LOG INTENSITY / LOG TIME = -.489 ; INTERCEPT (TIME=1 HOUR) =0.818 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.03019 ; AVERAGE CALC CV / USED CV = 0.97

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	2.469	2.227	4.157	4.026	3.290	2.500	2.867	3.380	3.748	2.941	3.241
N	28	28	32	32	34	34	34	34	34	34	33
RECORD YEAR	1949	1966	1941	1941	1941	1941	1960	1943	1943	1943	1969
RECORD MAXIMUM	0.410	0.530	0.900	1.310	1.520	1.880	2.370	3.770	5.860	7.680	47.230
NORMALIZED MAX	1.973	1.723	2.822	2.745	2.489	1.979	1.978	2.422	2.772	2.434	2.277
CALC. COEF. VAR	0.439	0.401	0.463	0.459	0.357	0.303	0.305	0.304	0.351	0.419	0.326
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0081	0.0116	0.0144	0.0214	0.0297	0.0434	0.0545	0.0802	0.1095	0.1399	1.0000
RP10/A	0.0125	0.0178	0.0222	0.0329	0.0457	0.0668	0.0840	0.1235	0.1687	0.2155	1.4437
RP25/A	0.0149	0.0213	0.0265	0.0394	0.0547	0.0798	0.1004	0.1476	0.2017	0.2577	1.6617
RP50/A	0.0167	0.0238	0.0296	0.0440	0.0611	0.0892	0.1122	0.1650	0.2255	0.2881	1.8144
RP100/A	0.0184	0.0263	0.0327	0.0485	0.0674	0.0984	0.1237	0.1819	0.2486	0.3176	1.9598
RP1000/A	0.0238	0.0340	0.0423	0.0629	0.0873	0.1275	0.1603	0.2357	0.3221	0.4115	2.4091
RP10000/A	0.0290	0.0415	0.0516	0.0766	0.1065	0.1554	0.1954	0.2873	0.3926	0.5016	2.9264
PMP/A	0.0571	0.0815	0.1014	0.1506	0.2093	0.3054	0.3840	0.5647	0.7717	0.9859	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. PCN PDFES CHK	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
460 7649 0	SAINT HELENA 7 NE	670	11	OEN	05W	B	M	38.566	122.372	NAPA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1944	0.15	0.22	0.25	0.45	0.50	0.70	1.05	1.42	1.65	2.63	34.10
1945	0.20	0.31	0.36	0.44	0.57	0.80	1.06	1.49	2.25	3.30	30.41
1946	0.20	0.22	0.22	0.20	0.52	0.85	1.09	1.73	2.16	2.66	16.19
1947	0.27	0.45	0.54	0.75	0.86	1.21	1.35	1.63	2.06	3.14	22.14
1948	0.06	0.11	0.16	0.30	0.57	1.08	1.52	2.27	2.80	3.28	27.49
1949	0.11	0.19	0.22	0.26	0.48	0.96	1.20	1.76	1.84	2.69	19.93
1950	0.55	0.55	0.67	0.85	1.11	1.35	1.54	2.10	3.60	4.64	42.38
1951	0.17	0.23	0.35	0.68	1.04	1.35	1.71	2.19	2.61	2.94	46.80
1952	0.10	0.15	0.20	0.63	0.90	1.46	1.81	2.58	3.70	4.67	50.69
1953	0.10	0.13	0.15	0.26	0.43	0.73	1.01	1.50	2.29	2.60	35.35
1954	0.15	0.17	0.25	0.46	0.67	0.95	1.16	1.90	3.48	5.37	46.70
1955	0.23	0.30	0.38	0.57	0.77	1.20	1.65	3.05	4.44	6.84	43.51
1956	0.17	0.21	0.25	0.30	0.44	0.60	0.70	1.21	2.15	2.50	37.27
1957	0.09	0.17	0.22	0.32	0.43	0.72	0.55	1.36	2.45	3.83	48.13
1958	0.21	0.33	0.41	0.46	0.72	1.14	1.45	2.59	3.91	4.00	50.78
1959	0.10	0.15	0.20	0.30	0.43	0.71	0.98	1.58	1.67	2.54	26.74
1960	0.25	0.28	0.30	0.47	0.65	1.15	1.52	2.19	3.04	4.54	45.21
1961	0.10	0.12	0.15	0.19	0.32	0.45	0.57	0.83	1.16	1.51	24.43
1962	0.21	0.47	0.60	0.80	0.88	1.15	1.67	2.82	4.13	7.44	42.55
1963	0.12	0.18	0.24	0.40	0.44	1.21	1.67	3.03	5.01	6.95	46.20
1964	0.15	0.30	0.38	0.52	0.72	1.09	1.49	2.56	4.38	6.15	38.55
1965	0.30	0.57	0.62	0.58	0.88	1.12	1.12	1.67	2.63	3.25	28.63
1966	0.10	0.16	0.23	0.34	0.55	0.78	0.98	1.67	2.80	3.52	30.40
1967	0.07	0.13	0.19	0.31	0.50	0.88	1.19	2.14	4.07	7.40	38.87
1968	0.10	0.11	0.17	0.30	0.56	1.02	1.40	2.19	2.48	3.61	34.44
1969	0.12	0.19	0.25	0.37	0.74	1.06	1.28	2.00	2.37	2.87	47.51
1970	0.14	0.19	0.22	0.31	0.48	0.88	1.12	2.08	3.05	3.78	48.20
1971	0.06	0.10	0.11	0.15	0.20	0.56	0.84	1.07	1.24	1.52	19.08
1972	0.15	0.16	0.16	0.19	0.32	0.52	0.68	0.74	1.20	1.73	25.50
1973	*****	*****	*****	*****	0.42	0.78	1.12	2.02	2.46	3.24	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. PCN PDFES CHK	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
460 7649 0	SAINT HELENA 7 NE	670	11	OEN	05W	B	M	38.566	122.372	NAPA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION DEDAYS HEHOURS MEMINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.15	0.21	0.27	0.35	0.57	0.89	1.14	1.81	2.58	3.64	35.45
5	0.20	0.30	0.38	0.55	0.80	1.24	1.60	2.54	3.61	5.10	46.07
10	0.24	0.36	0.45	0.65	0.95	1.47	1.89	3.01	4.28	6.04	52.09
20	0.28	0.41	0.52	0.74	1.09	1.69	2.17	3.44	4.90	6.91	57.31
25	0.29	0.42	0.54	0.77	1.13	1.75	2.25	3.58	5.09	7.15	58.87
40	0.29	0.43	0.55	0.79	1.15	1.78	2.29	3.64	5.19	7.32	62.02
50	0.32	0.47	0.60	0.86	1.26	1.95	2.51	3.99	5.67	8.01	63.46
100	0.35	0.52	0.66	0.95	1.39	2.16	2.78	4.28	6.24	8.80	67.72
200	0.38	0.56	0.71	1.03	1.51	2.33	3.00	4.77	6.78	9.57	71.72
1000	0.45	0.67	0.84	1.22	1.78	2.75	3.54	5.63	8.01	11.31	80.36
10000	0.55	0.81	1.02	1.47	2.15	3.34	4.29	6.82	9.71	13.70	91.56
PMP	1.11	1.63	2.06	2.97	4.34	6.73	8.66	13.76	19.58	27.63	216.75

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
MEAN	0.157	0.231	0.292	0.422	0.617	0.955	1.229	1.952	2.779	3.822	36.246
CLCD: HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.864	1.260	1.390	0.835	0.583	-0.052	-0.078	0.116	0.450	0.861	-0.368
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.430 ; INTERCEPT (TIME=1 HOUR) =0.639 ; COEFFICIENT OF DETERMINATION = 0.959
1HR INTERCEPT / MEAN YR =0.01764 ; AVERAGE CALC CV / USED CV = 0.00

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.365	4.415	4.673	3.435	3.025	2.461	2.529	2.772	2.826	3.235	2.232
N	20	20	20	20	20	30	30	30	30	30	20
RECORD YEAR	1950	1950	1950	1950	1950	1952	1952	1955	1963	1962	1952
RECORD MAXIMUM	0.250	0.550	0.670	0.850	1.110	1.460	1.810	3.050	5.010	7.640	50.690
NORMALIZED MAX	2.563	2.388	2.500	2.389	2.320	1.899	1.775	1.747	2.151	2.197	1.400
CALC. CORR. VAR	0.478	0.497	0.499	0.428	0.342	0.278	0.266	0.322	0.366	0.432	0.285
REGN. CORR. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED CORR. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
MEAN/A	0.0043	0.0064	0.0081	0.0118	0.0170	0.0263	0.0339	0.0539	0.0767	0.1082	1.0000
RP10/A	0.0067	0.0098	0.0124	0.0179	0.0262	0.0406	0.0522	0.0830	0.1181	0.1667	1.4371
RP25/A	0.0079	0.0117	0.0148	0.0213	0.0312	0.0483	0.0622	0.0987	0.1405	0.1983	1.6243
RP40/A	0.0080	0.0120	0.0155	0.0238	0.0347	0.0538	0.0692	0.1100	0.1565	0.2209	1.7508
RP100/A	0.0097	0.0143	0.0181	0.0281	0.0412	0.0641	0.0821	0.1309	0.1720	0.2428	1.8653
RP1000/A	0.0125	0.0184	0.0235	0.0334	0.0491	0.0760	0.0976	0.1553	0.2211	0.3120	2.2171
RP10000/A	0.0152	0.0222	0.0282	0.0407	0.0594	0.0920	0.1185	0.1881	0.2678	0.2779	2.5262
PMP/A	0.0306	0.0448	0.0569	0.0820	0.1199	0.1856	0.2389	0.3795	0.5401	0.7622	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
F30 372 0	ATLAS ROAD	1660	25	07N	04W	G	M	38.427	122.248	NAPA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.25	0.40	0.58	0.84	1.02	1.35	1.76	2.79	4.40	6.23	69.55
1941	0.20	0.30	0.40	0.42	0.68	0.86	1.26	1.86	2.72	3.30	50.48
1942	0.15	0.23	0.25	0.42	0.52	0.50	1.26	2.26	3.30	5.32	46.17
1943	0.20	0.30	0.36	0.53	0.82	1.12	1.35	2.23	4.45	6.92	30.00
1944	0.18	0.27	0.31	0.48	0.58	0.68	0.93	1.76	1.74	2.72	35.08
1945	0.12	0.18	0.20	0.38	0.54	0.86	1.20	1.87	2.81	3.91	41.61
1946	0.09	0.12	0.20	0.24	0.48	0.76	1.07	1.55	2.25	2.59	18.09
1947	0.10	0.19	0.32	0.47	0.62	0.98	1.05	1.66	2.15	3.53	24.37
1948	0.10	0.20	0.24	0.38	0.72	1.08	1.16	1.50	1.78	2.02	27.08
1949	0.10	0.14	0.21	0.31	0.43	0.88	1.20	1.81	2.16	2.69	21.98
1950	0.14	0.24	0.36	0.58	0.82	0.90	0.93	1.65	2.49	3.71	43.03
1951	0.16	0.30	0.40	0.68	0.92	1.50	1.98	2.62	2.90	3.10	33.05
1952	0.23	0.28	0.31	0.52	0.76	0.85	1.25	2.14	2.45	3.81	41.90
1953	0.10	0.18	0.24	0.38	0.47	0.82	0.88	1.35	1.92	2.25	25.40
1954	0.12	0.20	0.32	0.48	0.54	0.67	0.97	1.60	2.82	4.03	35.82
1955	0.16	0.18	0.20	0.32	0.63	1.00	1.50	2.50	4.00	6.63	38.32
1956	0.10	0.15	0.17	0.20	0.40	0.66	0.88	1.32	2.03	3.53	29.30
1957	0.19	0.27	0.30	0.39	0.55	0.70	0.92	1.49	2.12	3.31	36.92
1958	0.20	0.30	0.32	0.50	0.51	1.00	1.30	2.35	3.77	4.11	42.39
1959	0.14	0.22	0.28	0.40	0.77	1.11	1.57	2.83	3.36	3.78	26.12
1960	0.22	0.30	0.34	0.44	0.60	0.93	1.13	1.97	2.70	2.85	33.33
1961	0.18	0.23	0.27	0.46	0.60	0.70	0.75	1.20	1.53	1.82	26.37
1962	0.10	0.14	0.21	0.41	0.82	1.62	1.96	3.08	5.24	6.78	41.44
1963	0.20	0.25	0.28	0.42	0.67	1.29	1.81	3.47	5.94	7.70	47.46
1964	*****	*****	*****	*****	0.50	1.00	1.30	2.10	2.30	2.40	******
1965	*****	*****	*****	*****	0.40	0.80	0.90	1.20	1.80	2.20	******
1966	*****	*****	*****	*****	0.70	1.10	1.60	2.40	3.70	4.20	******
1967	*****	*****	*****	*****	0.60	1.00	1.30	2.00	2.70	3.10	19.70
1968	*****	*****	*****	*****	0.60	0.70	0.70	0.80	1.40	1.70	25.90
1969	*****	*****	*****	*****	1.90	2.00	2.10	2.70	2.70	3.30	49.10
1970	*****	*****	0.50	0.50	0.50	0.70	0.90	1.20	1.80	2.40	32.10

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
F30 372 0	ATLAS ROAD	1660	25	07N	04W	G	M	38.427	122.248	NAPA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.21	0.29	0.41	0.60	0.90	1.14	1.80	2.58	3.46	34.93
5	0.20	0.30	0.40	0.58	0.85	1.26	1.61	2.53	3.64	4.87	45.66
10	0.24	0.36	0.47	0.69	1.01	1.51	1.92	3.02	4.34	5.81	51.70
20	0.28	0.41	0.55	0.80	1.16	1.74	2.22	3.48	5.01	6.71	57.09
25	0.29	0.43	0.57	0.83	1.21	1.81	2.31	3.63	5.22	6.98	58.71
40	0.31	0.46	0.62	0.90	1.31	1.96	2.50	3.93	5.65	7.56	61.98
50	0.32	0.48	0.64	0.93	1.36	2.05	2.60	4.07	5.85	7.83	63.49
100	0.36	0.53	0.71	1.03	1.50	2.24	2.86	4.50	6.47	8.66	67.96
200	0.39	0.58	0.77	1.13	1.64	2.45	3.13	4.92	7.08	9.48	72.19
1000	0.47	0.70	0.92	1.35	1.96	2.93	3.74	5.88	8.45	11.32	81.36
10000	0.57	0.85	1.13	1.65	2.41	3.60	4.59	7.21	10.37	13.88	93.43
PMP	1.09	1.64	2.17	3.17	4.62	6.89	8.79	13.83	19.87	26.60	214.83

MEAN	0.155	0.232	0.308	0.450	0.655	0.978	1.248	1.963	2.820	3.776	35.924
CLOCK HR. CORR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.228	0.374	1.093	0.935	3.513	1.566	0.816	0.421	1.178	1.048	0.912
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.423 ; INTERCEPT (TIME=1 HOUR) =0.662 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.01842 ; AVERAGE CALC CV / USED CV = 0.80

KURTOSIS	2.144	3.330	4.220	5.860	18.167	6.065	3.207	2.914	4.299	3.397	4.364
N	24	24	25	25	31	31	31	31	31	31	28
RECORD YEAR	1940	1940	1940	1940	1973	1973	1973	1963	1963	1963	1940
RECORD MAXIMUM	0.250	0.400	0.580	0.850	1.900	2.000	2.100	3.470	5.940	7.700	69.550
NORMALIZED MAX	1.938	2.483	2.634	3.013	4.615	3.287	2.311	2.379	2.627	2.423	2.837
CALC. COEF. VAR	0.314	0.291	0.336	0.296	0.411	0.318	0.295	0.323	0.390	0.439	0.330
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332

MEAN/A	0.0043	0.0065	0.0086	0.0125	0.0182	0.0272	0.0348	0.0546	0.0785	0.1051	1.0000
RP10/A	0.0067	0.0099	0.0122	0.0193	0.0281	0.0419	0.0535	0.0841	0.1209	0.1618	1.4393
RP25/A	0.0080	0.0119	0.0159	0.0231	0.0337	0.0504	0.0643	0.1010	0.1452	0.1944	1.6342
RP50/A	0.0090	0.0134	0.0178	0.0260	0.0379	0.0565	0.0721	0.1133	0.1629	0.2181	1.7672
RP100/A	0.0099	0.0148	0.0197	0.0287	0.0419	0.0625	0.0797	0.1253	0.1801	0.2411	1.8917
RP1000/A	0.0130	0.0194	0.0257	0.0375	0.0547	0.0816	0.1041	0.1637	0.2353	0.3150	2.2652
RP10000/A	0.0159	0.0237	0.0315	0.0460	0.0671	0.1001	0.1277	0.2008	0.2885	0.3864	2.6007
PMP/A	0.0305	0.0455	0.0604	0.0882	0.1285	0.1918	0.2448	0.3849	0.5530	0.7405	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E30 6354 0	OAKVILLE 4SW	1465	06	06N	05W		M	38.383	122.467	NAPA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	0.44	0.61	0.77	1.40	1.54	2.54	4.12	6.43	******
1941	*****	*****	0.34	0.46	0.58	0.87	1.10	1.82	3.16	3.84	******
1942	*****	*****	0.20	0.34	0.49	1.20	1.60	2.44	3.37	4.90	******
1943	*****	*****	0.30	0.40	0.50	0.86	1.17	2.00	3.54	5.00	******
1944	*****	*****	0.38	0.42	0.50	0.64	0.72	1.02	1.62	2.60	38.83
1945	*****	*****	0.31	0.50	0.66	1.08	1.29	1.64	2.46	3.52	45.73
1946	*****	*****	0.13	0.25	0.49	0.92	1.24	1.68	2.04	2.30	21.74
1947	*****	*****	0.30	0.32	0.59	0.80	1.14	1.78	3.42	3.08	28.10
1948	*****	*****	0.21	0.40	0.70	1.10	1.60	2.50	3.24	3.64	32.98
1949	0.18	0.30	0.41	0.60	1.04	1.64	1.98	2.70	2.90	3.11	24.50
1950	0.26	0.38	0.37	0.52	0.80	1.30	1.74	3.16	4.36	4.98	52.04
1951	0.17	0.26	0.30	0.50	0.88	1.51	2.02	2.73	3.30	3.53	39.42
1952	0.15	0.29	0.45	0.70	1.12	1.54	2.34	3.98	5.27	6.63	50.75
1953	0.18	0.31	0.42	0.65	0.89	1.20	1.62	2.30	2.92	3.60	29.88
1954	0.10	0.20	0.28	0.49	0.73	1.07	1.48	2.60	4.57	7.68	46.97
1955	0.20	0.30	0.32	0.51	0.79	1.26	1.72	2.70	4.63	9.01	48.07
1956	0.22	0.26	0.27	0.34	0.55	0.66	0.90	1.75	2.93	5.60	37.53
1957	0.24	0.27	0.36	0.40	0.61	1.04	1.24	1.78	2.89	3.82	45.12
1958	0.20	0.30	0.48	0.60	0.91	1.18	1.53	3.00	4.48	5.13	49.08
1959	0.12	0.24	0.34	0.46	0.63	1.06	1.22	1.91	2.41	3.22	30.46
1960	0.18	0.30	0.39	0.41	0.55	0.88	1.20	2.00	2.77	4.17	38.20
1961	0.14	0.22	0.28	0.48	0.67	0.76	0.98	1.52	2.76	4.45	30.20
1962	0.09	0.16	0.24	0.48	0.83	1.43	1.94	2.79	4.49	6.53	46.42
1963	0.10	0.16	0.24	0.42	0.70	1.06	1.20	1.77	3.27	4.92	43.24
1964	0.35	0.40	0.41	0.61	0.90	1.49	1.71	2.10	2.61	4.43	37.06
1965	0.17	0.26	0.37	0.45	0.51	1.01	1.47	2.42	3.56	4.10	36.35
1966	0.06	0.11	0.17	0.34	0.51	0.88	1.23	2.15	2.84	4.47	33.71
1967	0.14	0.18	0.22	0.34	0.52	1.00	1.12	1.83	3.35	6.63	45.76
1968	0.14	0.28	0.40	0.62	0.80	1.20	1.71	2.79	3.27	4.84	44.71
1969	0.14	0.25	0.29	0.42	0.72	1.00	1.24	2.07	3.50	5.98	59.86
1970	0.18	0.24	0.28	0.46	0.80	1.10	1.65	3.03	4.60	5.53	58.25
1971	0.10	0.14	0.20	0.29	0.49	0.93	1.21	1.70	2.54	2.90	22.40
1972	0.09	0.18	0.26	0.44	0.54	0.76	0.87	1.40	2.08	2.84	28.87
1973	*****	*****	*****	*****	0.65	1.16	1.69	2.86	3.79	4.72	60.80
1974	*****	*****	*****	*****	0.50	0.90	1.10	1.70	2.55	2.65	35.60

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E30 6354 0	OAKVILLE 4SW	1465	06	06N	05W		M	38.383	122.467	NAPA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.15	0.23	0.29	0.42	0.63	0.99	1.31	2.06	3.03	4.20	38.98
5	0.21	0.32	0.41	0.60	0.88	1.40	1.84	2.90	4.27	5.53	50.84
10	0.25	0.38	0.48	0.71	1.05	1.67	2.20	3.46	5.10	7.07	57.69
20	0.29	0.44	0.56	0.82	1.22	1.93	2.54	3.99	5.88	8.16	63.70
25	0.30	0.46	0.58	0.86	1.27	2.01	2.64	4.16	6.13	8.50	65.51
40	0.32	0.50	0.63	0.93	1.37	2.18	2.86	4.50	6.64	9.20	69.16
50	0.34	0.52	0.65	0.96	1.42	2.25	2.96	4.66	6.88	9.53	70.84
100	0.37	0.57	0.72	1.06	1.57	2.49	3.26	5.16	7.60	10.54	75.83
200	0.41	0.62	0.79	1.16	1.72	2.73	3.59	5.64	8.32	11.53	80.56
1000	0.48	0.74	0.94	1.39	2.05	3.26	4.28	6.73	9.93	13.77	90.80
10000	0.59	0.91	1.16	1.71	2.52	3.99	5.25	8.26	12.18	16.89	104.25
PMP	1.14	1.75	2.21	3.27	4.82	7.65	10.07	15.83	23.35	32.36	239.71
MEAN	0.162	0.248	0.314	0.464	0.684	1.086	1.429	2.247	3.314	4.594	40.085
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.018	-0.089	-0.081	0.321	0.770	0.336	-0.351	0.516	0.349	0.846	0.169
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.400 ; INTERCEPT (TIME=1 HOUR) =0.716 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.01785 ; AVERAGE CALC CV / USED CV = 0.68

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	5.251	3.185	2.578	2.908	3.354	2.687	2.920	3.458	2.842	3.858	2.630
N	24	24	33	33	35	35	35	35	35	35	31
RECORD YEAR	1964	1964	1958	1952	1952	1949	1952	1952	1952	1955	1973
RECORD MAXIMUM	0.350	0.400	0.480	0.700	1.120	1.640	2.340	3.980	5.270	9.010	60.800
NORMILIZED MAX	2.988	2.188	1.913	2.114	2.676	2.160	2.459	2.798	2.293	2.874	1.957
CALC. COEF. VAR	0.300	0.279	0.276	0.240	0.238	0.236	0.259	0.276	0.257	0.335	0.264
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0040	0.0062	0.0078	0.0116	0.0171	0.0271	0.0357	0.0561	0.0827	0.1146	1.0000
RP10/A	0.0062	0.0095	0.0121	0.0178	0.0263	0.0417	0.0549	0.0863	0.1273	0.1764	1.4393
RP25/A	0.0075	0.0115	0.0145	0.0214	0.0316	0.0501	0.0659	0.1037	0.1529	0.2120	1.6342
RP50/A	0.0084	0.0129	0.0163	0.0240	0.0354	0.0562	0.0740	0.1163	0.1715	0.2378	1.7672
RP100/A	0.0093	0.0142	0.0180	0.0266	0.0392	0.0622	0.0818	0.1286	0.1897	0.2629	1.8917
RP1000/A	0.0121	0.0186	0.0235	0.0347	0.0512	0.0812	0.1069	0.1680	0.2478	0.3435	2.2652
RP10000/A	0.0148	0.0228	0.0288	0.0426	0.0627	0.0996	0.1311	0.2061	0.3039	0.4213	2.6007
PMP/A	0.0284	0.0436	0.0552	0.0816	0.1203	0.1909	0.2512	0.3949	0.5824	0.8074	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E30	7646	0 ST HELENA 4WSW	1792	4	07N	06W		M	38.500	122.533	NAPA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	0.28	0.40	0.47	1.11	1.56	2.69	3.40	5.84	******
1941	*****	*****	0.30	0.40	0.64	0.90	1.00	1.83	2.42	2.97	******
1942	*****	*****	0.28	0.34	0.46	0.76	0.98	1.60	2.60	4.82	******
1943	*****	*****	0.26	0.40	0.46	0.83	1.10	1.70	2.64	4.38	******
1944	*****	*****	0.20	0.29	0.44	0.70	0.95	1.36	2.16	3.35	******
1945	*****	*****	0.25	0.40	0.79	0.97	1.08	1.61	2.33	3.42	******
1946	*****	*****	0.15	0.30	0.59	0.97	1.27	1.80	2.12	2.82	******
1947	*****	*****	0.28	0.35	0.70	0.77	1.00	1.49	2.00	3.26	******
1948	*****	*****	0.20	0.28	0.61	0.87	1.12	2.13	2.86	3.28	37.16
1949	0.16	0.25	0.27	0.39	0.58	0.95	1.25	1.90	2.38	2.81	26.85
1950	0.07	0.14	0.20	0.37	0.59	0.95	1.21	2.19	3.70	4.56	56.35
1951	0.25	0.50	0.64	0.95	1.54	2.07	2.26	2.74	2.94	3.54	46.80
1952	0.16	0.26	0.30	0.41	0.66	1.12	1.60	2.59	3.44	4.45	50.69
1953	0.12	0.18	0.27	0.42	0.60	0.86	1.06	1.80	2.56	3.21	35.33
1954	0.12	0.26	0.30	0.53	0.80	1.16	1.38	2.12	3.70	6.14	46.70
1955	0.10	0.17	0.24	0.45	0.75	1.20	1.50	2.34	3.55	6.37	43.41
1956	0.20	0.21	0.24	0.33	0.42	0.84	1.21	1.64	2.21	4.00	37.27
1957	0.14	0.27	0.38	0.50	0.70	0.81	1.15	1.70	2.18	2.55	48.13
1958	0.30	0.33	0.35	0.45	0.88	1.16	1.40	2.51	3.55	3.97	53.38
1959	0.10	0.18	0.20	0.36	0.55	1.02	1.22	1.70	2.04	2.66	26.74
1960	0.21	0.24	0.25	0.39	0.75	1.25	1.56	2.55	4.43	7.22	45.21
1961	0.19	0.23	0.27	0.45	0.60	0.78	0.82	1.08	1.80	2.59	30.59
1962	0.50	0.56	0.61	0.78	1.04	1.26	1.75	2.89	3.97	7.37	68.92
1963	0.16	0.24	0.25	0.32	0.59	0.90	1.19	1.78	2.97	4.73	43.30
1964	0.17	0.27	0.31	0.50	0.71	1.00	1.36	2.09	3.63	6.14	44.24
1965	0.13	0.15	0.17	0.23	0.46	0.87	1.20	1.77	2.50	3.04	37.90
1966	*****	*****	*****	*****	0.50	0.90	1.20	2.10	3.70	5.40	40.00
1967	*****	*****	*****	*****	0.40	0.80	1.20	2.20	3.90	7.00	49.70
1968	*****	*****	*****	*****	0.70	1.00	1.40	2.60	3.20	4.50	44.30
1969	*****	*****	*****	*****	0.80	1.60	1.80	2.60	3.20	5.00	57.90
1970	*****	*****	*****	*****	0.70	1.20	1.80	3.00	4.40	5.10	57.40
1971	*****	*****	*****	*****	0.40	0.90	1.00	1.40	1.60	2.30	31.60
1972	*****	*****	*****	*****	0.30	0.50	0.70	1.00	1.80	2.00	34.60
1973	*****	*****	0.30	0.50	0.70	0.90	1.20	1.80	2.50	3.90	71.20
1974	*****	*****	0.20	0.30	0.60	0.90	1.20	1.90	2.70	3.50	43.10

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E30	7646	0 ST HELENA 4WSW	1792	4	07N	06W		M	38.500	122.533	NAPA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.17	0.24	0.26	0.39	0.59	0.90	1.17	1.84	2.66	3.87	42.82
5	0.22	0.34	0.37	0.54	0.83	1.27	1.65	2.60	3.75	5.46	55.85
10	0.28	0.40	0.44	0.65	0.99	1.52	1.97	3.10	4.48	6.51	63.37
20	0.32	0.46	0.51	0.75	1.14	1.75	2.27	3.58	5.17	7.51	69.97
25	0.34	0.48	0.53	0.78	1.18	1.82	2.36	3.73	5.38	7.82	71.96
40	0.36	0.52	0.57	0.84	1.28	1.97	2.56	4.03	5.83	8.47	75.97
50	0.38	0.54	0.59	0.87	1.33	2.04	2.65	4.18	6.04	8.78	77.81
100	0.42	0.60	0.65	0.97	1.47	2.26	2.93	4.62	6.68	9.70	83.29
200	0.46	0.66	0.71	1.06	1.61	2.47	3.20	5.05	7.30	10.61	88.49
1000	0.54	0.78	0.85	1.26	1.92	2.95	3.83	6.04	8.72	12.68	99.74
10000	0.67	0.96	1.05	1.55	2.35	3.62	4.69	7.40	10.70	15.55	114.51
PMP	1.28	1.84	2.01	2.97	4.51	6.94	9.00	14.19	20.51	29.80	263.31
MEAN	0.182	0.261	0.285	0.421	0.640	0.985	1.277	2.014	2.911	4.230	44.032
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.216	1.740	2.237	2.231	2.114	1.957	1.076	0.113	0.247	0.627	0.444
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.454 ; INTERCEPT (TIME=1 HOUR) =0.661 ; COEFFICIENT OF DETERMINATION = 0.989
INR INTERCEPT / MEAN YR =0.01502 ; AVERAGE CALC CV / USED CV = 0.91

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	9.312	6.211	8.775	9.315	10.691	9.961	5.153	2.708	2.221	2.680	3.835
N	17	17	28	28	35	35	35	35	35	35	27
RECORD YEAR	1962	1962	1951	1951	1951	1951	1951	1970	1960	1967	1973
RECORD MAXIMUM	0.500	0.560	0.640	0.950	1.540	2.020	2.280	3.000	4.430	7.370	71.200
NORMALIZED MAX	3.188	2.644	3.252	3.594	4.118	4.033	3.212	1.984	1.947	2.131	2.654
CALC. COEF. VAR	0.549	0.433	0.394	0.350	0.341	0.261	0.244	0.247	0.268	0.348	0.232
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0041	0.0059	0.0065	0.0096	0.0145	0.0224	0.0290	0.0457	0.0661	0.0961	1.0000
RP10/A	0.0064	0.0091	0.0100	0.0147	0.0224	0.0344	0.0447	0.0704	0.1018	0.1479	1.4393
RP25/A	0.0076	0.0110	0.0120	0.0177	0.0269	0.0414	0.0536	0.0846	0.1223	0.1777	1.6342
RP50/A	0.0086	0.0123	0.0134	0.0198	0.0302	0.0464	0.0602	0.0949	0.1371	0.1993	1.7672
RP100/A	0.0095	0.0136	0.0148	0.0219	0.0333	0.0513	0.0665	0.1049	0.1517	0.2204	1.8917
RP1000/A	0.0124	0.0178	0.0194	0.0287	0.0436	0.0670	0.0869	0.1371	0.1981	0.2879	2.2652
RP10000/A	0.0152	0.0218	0.0238	0.0352	0.0534	0.0822	0.1066	0.1682	0.2430	0.3531	2.6007
PMP/A	0.0791	0.0418	0.0455	0.0674	0.1024	0.1575	0.2049	0.3223	0.4657	0.6767	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A60 101P 0	BOWMAN DAM	5347	08	18N	12E	0	M	39.445	120.656	NEVADA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.50	0.85	1.20	2.00	3.12	4.15	106.09
1941	0.15	0.17	0.18	0.27	0.38	0.75	1.01	1.72	3.31	5.19	72.52
1942	0.14	0.19	0.25	0.39	0.56	0.82	1.15	2.25	3.95	6.58	77.80
1943	0.05	0.09	0.10	0.17	0.29	0.53	0.70	1.44	2.88	5.65	55.22
1944	0.14	0.16	0.25	0.42	0.53	0.70	0.88	1.62	2.80	3.25	57.60
1945	0.12	0.22	0.24	0.33	0.42	0.77	1.03	1.80	3.00	5.25	78.01
1946	0.04	0.07	0.10	0.18	0.33	0.62	0.86	1.62	3.14	5.56	48.26
1947	0.07	0.13	0.16	0.25	0.47	0.78	1.01	1.97	2.87	4.84	50.90
1948	0.10	0.15	0.18	0.31	0.38	0.68	0.88	1.70	2.86	4.61	69.36
1949	0.08	0.10	0.11	0.19	0.33	0.60	0.78	1.28	2.16	3.25	31.64
1950	0.18	0.19	0.27	0.35	0.51	0.97	1.30	2.23	4.11	7.74	109.73
1951	0.10	0.14	0.16	0.25	0.48	0.65	0.99	1.85	2.70	4.65	73.54
1952	0.10	0.18	0.22	0.43	0.86	1.39	2.10	3.10	3.14	3.63	81.26
1953	0.09	0.17	0.25	0.41	0.60	0.76	0.97	1.94	2.88	4.13	65.05
1954	0.13	0.20	0.25	0.30	0.41	0.72	1.02	1.94	3.57	4.84	67.07
1955	0.12	0.23	0.35	0.38	0.40	0.41	0.50	0.72	1.13	1.80	76.18
1956	0.08	0.10	0.14	0.26	0.47	0.94	1.14	1.62	2.59	3.86	50.61
1957	0.06	0.11	0.15	0.24	0.48	0.80	1.10	1.95	3.42	5.01	72.67
1958	0.06	0.11	0.18	0.30	0.37	0.69	0.98	1.72	2.93	3.27	85.66
1959	0.11	0.19	0.20	0.32	0.61	0.81	1.05	1.64	2.70	4.01	43.12
1961	0.40	0.55	0.68	0.76	1.07	1.44	1.65	1.46	1.81	2.15	48.55
1962	0.07	0.11	0.12	0.22	0.39	0.59	0.78	1.74	2.27	3.18	77.06
1963	0.16	0.19	0.22	0.30	0.59	1.02	1.42	2.61	3.88	5.68	78.79
1964	0.15	0.23	0.24	0.41	0.65	1.28	1.85	3.45	6.40	10.44	63.02
1965	0.25	0.48	0.50	0.57	0.84	0.95	0.97	1.42	2.18	3.49	55.96
1966	0.17	0.24	0.27	0.34	0.60	0.94	1.24	2.02	2.69	2.87	49.78
1967	0.11	0.19	0.25	0.39	0.44	0.86	1.22	1.38	2.35	4.01	73.88
1968	*****	*****	*****	*****	1.00	1.00	1.10	1.90	2.80	3.60	71.00
1969	*****	*****	*****	*****	1.40	2.10	2.40	2.60	2.90	4.40	88.47
1970	*****	*****	*****	*****	0.50	0.70	0.80	1.40	2.30	3.30	96.30
1971	*****	*****	*****	*****	0.40	0.60	0.60	1.80	2.40	5.20	61.10
1972	*****	*****	*****	*****	0.30	0.60	0.90	1.70	3.20	3.40	64.60
1973	*****	*****	0.70	0.70	0.70	1.00	1.60	2.10	3.00	5.20	88.60
1974	*****	*****	0.50	0.60	0.80	1.10	1.10	1.90	2.70	4.60	70.30

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A60 101P 0	BOWMAN DAM	5347	08	18N	12E	0	M	39.445	120.656	NEVADA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.18	0.25	0.34	0.52	0.81	1.05	1.75	2.76	4.22	67.48
5	0.16	0.25	0.33	0.45	0.70	1.08	1.41	2.33	3.69	5.64	85.16
10	0.19	0.29	0.38	0.53	0.81	1.26	1.64	2.71	4.29	6.55	95.17
20	0.21	0.32	0.44	0.60	0.92	1.42	1.85	3.06	4.85	7.40	103.86
25	0.22	0.33	0.45	0.62	0.95	1.47	1.92	3.17	5.02	7.66	106.46
40	0.22	0.34	0.46	0.63	0.97	1.49	1.95	3.23	5.10	7.79	111.70
50	0.24	0.37	0.50	0.68	1.05	1.62	2.11	3.50	5.56	8.48	114.09
100	0.26	0.40	0.54	0.74	1.15	1.77	2.31	3.82	6.04	9.23	121.18
200	0.28	0.43	0.58	0.80	1.24	1.91	2.49	4.13	6.53	9.98	127.86
1000	0.33	0.51	0.68	0.94	1.45	2.24	2.91	4.83	7.64	11.66	142.22
10000	0.40	0.61	0.82	1.13	1.74	2.68	3.46	5.79	9.16	13.98	160.86
PMP	0.78	1.20	1.62	2.21	3.42	5.27	6.87	11.38	18.01	27.50	369.16
MEAN	0.128	0.196	0.265	0.362	0.559	0.862	1.174	1.861	2.945	4.497	68.810
CLOCK HR. CORR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.128	1.998	1.654	1.146	1.742	2.073	1.735	1.058	1.864	1.634	0.327
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.402 ; INTERCEPT (TIME=1 HOUR) =0.571 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.00830 ; AVERAGE CALC CV / USED CV = 1.38

KURTOSIS	9.565	7.525	5.603	4.372	6.517	9.116	6.873	5.744	10.809	7.998	3.571
N	26	26	28	28	34	34	34	34	34	34	34
RECORD YEAR	1961	1961	1973	1961	1969	1969	1969	1964	1964	1964	1950
RECORD MAXIMUM	0.400	0.550	0.700	0.760	1.400	2.100	2.400	3.450	6.400	10.440	109.730
NORMALIZED MAX	3.670	3.187	2.782	2.671	3.456	3.887	3.339	3.080	4.062	3.711	2.384
CALC. COEF. VAR	0.581	0.568	0.590	0.411	0.436	0.369	0.340	0.277	0.289	0.356	0.249
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0019	0.0028	0.0039	0.0053	0.0081	0.0125	0.0163	0.0271	0.0428	0.0654	1.0000
RP10/A	0.0027	0.0041	0.0056	0.0077	0.0118	0.0193	0.0238	0.0394	0.0624	0.0952	1.3832
RP25/A	0.0032	0.0048	0.0066	0.0090	0.0138	0.0214	0.0278	0.0461	0.0729	0.1114	1.5472
RP50/A	0.0035	0.0054	0.0072	0.0099	0.0153	0.0236	0.0307	0.0509	0.0805	0.1230	1.6580
RP100/A	0.0038	0.0058	0.0079	0.0108	0.0167	0.0257	0.0335	0.0555	0.0878	0.1341	1.7611
RP1000/A	0.0048	0.0074	0.0100	0.0137	0.0211	0.0325	0.0424	0.0702	0.1110	0.1695	2.0668
RP10000/A	0.0058	0.0088	0.0120	0.0164	0.0252	0.0390	0.0508	0.0841	0.1331	0.2032	2.3377
PMP/A	0.0113	0.0174	0.0236	0.0322	0.0496	0.0766	0.0999	0.1654	0.2617	0.3996	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
A60 3572 0	GRASS VALLEY 2NNE	2710	23	16N	08E		M	39.233	121.033	NEVADA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1951	0.12	0.16	0.22	0.38	0.66	0.88	1.13	1.86	2.79	3.82	56.33
1952	0.20	0.25	0.30	0.33	0.52	0.78	0.88	1.34	2.29	2.76	59.07
1953	0.19	0.38	0.52	0.70	0.71	0.99	1.19	1.88	2.33	3.41	44.93
1954	0.10	0.20	0.28	0.38	0.40	0.67	0.86	1.57	3.00	5.80	51.17
1955	0.10	0.14	0.23	0.44	0.57	1.10	1.62	2.72	4.68	5.73	57.62
1956	0.19	0.35	0.44	0.52	0.67	0.90	1.15	1.67	2.15	3.25	42.84
1957	0.21	0.24	0.36	0.58	0.87	1.02	1.15	1.67	2.88	4.37	53.39
1958	0.30	0.34	0.38	0.44	0.62	0.80	1.00	1.62	2.40	3.79	55.45
1959	0.09	0.14	0.15	0.20	0.34	0.67	1.08	1.98	2.18	3.48	34.80
1963	0.09	0.18	0.26	0.40	0.46	0.87	1.25	2.01	2.55	4.50	50.88
1964	0.06	0.10	0.13	0.25	0.38	0.79	1.08	1.97	2.97	4.93	47.25
1965	0.14	0.22	0.26	0.42	0.68	0.82	1.07	1.33	2.17	3.37	47.55
1967	0.14	0.28	0.34	0.64	0.79	0.94	1.14	1.93	3.08	4.83	53.94
1968	0.10	0.14	0.20	0.34	0.58	0.79	0.99	1.54	2.39	2.95	48.76
1969	0.08	0.15	0.20	0.25	0.49	0.76	0.95	1.51	2.94	4.69	71.57
1970	0.12	0.22	0.30	0.53	0.75	1.09	1.21	2.03	3.02	5.38	64.79
1971	0.10	0.16	0.21	0.26	0.42	0.74	1.06	1.76	2.60	3.68	38.29
1973	0.05	0.10	0.15	0.22	0.34	0.58	0.81	1.48	2.41	2.52	42.29
1972	*****	*****	*****	*****	0.50	0.75	1.00	1.60	2.78	4.40	73.04
1974	*****	*****	*****	*****	0.43	0.73	0.90	1.55	2.72	3.68	48.30

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
A60 3572 0	GRASS VALLEY 2NNE	2710	23	16N	08E		M	39.233	121.033	NEVADA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.20	0.26	0.38	0.52	0.78	1.01	1.64	2.55	3.82	51.12
5	0.17	0.26	0.34	0.51	0.70	1.04	1.35	2.19	3.41	5.10	64.52
10	0.19	0.30	0.40	0.59	0.81	1.21	1.57	2.55	3.96	5.93	72.11
20	0.22	0.34	0.45	0.67	0.92	1.36	1.77	2.88	4.47	6.70	78.69
25	0.23	0.36	0.47	0.69	0.95	1.41	1.83	2.98	4.63	6.93	80.66
50	0.23	0.36	0.47	0.70	0.97	1.44	1.88	3.03	4.71	7.05	84.63
50	0.25	0.39	0.52	0.77	1.05	1.56	2.02	3.29	5.11	7.65	86.44
100	0.27	0.43	0.56	0.83	1.15	1.70	2.21	3.59	5.58	8.35	91.81
200	0.29	0.46	0.61	0.90	1.24	1.84	2.39	3.88	6.03	9.03	96.87
1000	0.34	0.54	0.71	1.05	1.45	2.15	2.79	4.54	7.05	10.55	107.75
10000	0.41	0.65	0.85	1.26	1.74	2.58	3.34	5.44	8.45	12.65	121.87
PMP	0.81	1.27	1.67	2.40	3.42	5.07	6.57	10.70	16.61	24.88	279.69
MEAN	0.132	0.208	0.274	0.407	0.559	0.828	1.075	1.750	2.716	4.068	52.133
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.176	0.736	0.785	0.490	0.312	0.491	1.337	1.446	2.359	0.322	0.524
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.431 ; INTERCEPT (TIME=1 HOUR) =0.574 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.01101 ; AVERAGE CALC CV / USED CV = 0.93

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.738	3.055	3.800	3.000	2.538	3.418	6.912	6.761	10.922	2.650	3.574
N	18	18	18	18	20	20	20	20	20	20	20
RECORD YEAR	1958	1953	1953	1953	1957	1965	1955	1955	1955	1954	1973
RECORD MAXIMUM	0.300	0.380	0.520	0.700	0.870	1.100	1.620	2.720	4.680	5.800	73.040
NORMALIZED MAX	2.647	2.031	2.364	2.044	2.000	1.997	3.072	3.073	3.526	1.818	2.100
CALC. COEF. VAR	0.479	0.406	0.350	0.353	0.278	0.164	0.165	0.180	0.205	0.234	0.191
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0025	0.0040	0.0053	0.0078	0.0107	0.0159	0.0206	0.0336	0.0521	0.0780	1.0000
RP10/A	0.0037	0.0058	0.0077	0.0114	0.0156	0.0232	0.0300	0.0489	0.0759	0.1137	1.3832
RP25/A	0.0043	0.0068	0.0090	0.0133	0.0183	0.0271	0.0351	0.0572	0.0888	0.1330	1.5472
RP50/A	0.0048	0.0075	0.0099	0.0147	0.0202	0.0299	0.0388	0.0632	0.0980	0.1468	1.6580
RP100/A	0.0052	0.0082	0.0108	0.0160	0.0220	0.0326	0.0423	0.0689	0.1070	0.1602	1.7611
RP1000/A	0.0066	0.0104	0.0136	0.0202	0.0278	0.0412	0.0535	0.0871	0.1351	0.2024	2.0668
RP10000/A	0.0079	0.0124	0.0163	0.0242	0.0333	0.0494	0.0641	0.1044	0.1620	0.2426	2.3377
PMP/A	0.0155	0.0244	0.0321	0.0477	0.0656	0.0972	0.1261	0.2053	0.3186	0.4772	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
ARC 6139 0	NEVADA CITY IN	2840	01	16N	09E		M	39.296	121.019	NEVADA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.21	0.31	0.46	0.75	0.79	0.98	1.18	1.63	2.22	3.05	81.85
1941	0.08	0.14	0.18	0.35	0.45	0.83	1.12	1.73	2.56	3.50	70.58
1942	0.15	0.26	0.31	0.41	0.54	0.85	1.20	1.95	2.31	4.23	64.64
1943	0.25	0.30	0.36	0.61	0.90	1.31	2.02	2.39	3.52	6.21	48.45
1944	0.19	0.26	0.37	0.69	0.72	0.99	1.13	1.65	2.75	4.34	54.37
1945	0.08	0.15	0.27	0.40	0.63	0.88	1.16	1.79	2.99	5.09	63.93
1946	0.06	0.12	0.17	0.30	0.45	0.84	1.21	2.13	3.69	5.11	32.75
1947	0.12	0.16	0.18	0.26	0.43	0.74	1.07	1.66	2.46	4.09	31.49
1948	0.09	0.12	0.13	0.25	0.43	0.75	1.03	1.70	2.12	3.06	51.56
1949	0.10	0.11	0.12	0.17	0.34	0.60	0.92	1.65	2.21	3.10	38.92
1950	0.29	0.30	0.30	0.31	0.37	0.55	0.80	1.40	2.42	4.70	82.15

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
ARC 6139 0	NEVADA CITY IN	2840	01	16N	09E		M	39.296	121.019	NEVADA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.19	0.24	0.37	0.52	0.80	1.10	1.69	2.50	3.97	55.33
5	0.18	0.26	0.32	0.49	0.69	1.06	1.47	2.25	3.33	5.30	69.83
10	0.21	0.30	0.38	0.57	0.80	1.23	1.71	2.62	3.87	6.16	78.05
20	0.24	0.34	0.43	0.64	0.91	1.39	1.93	2.96	4.38	6.95	85.17
25	0.25	0.35	0.44	0.67	0.94	1.44	2.00	3.06	4.53	7.20	87.30
40	0.26	0.35	0.45	0.68	0.95	1.47	2.04	3.11	4.61	7.32	91.60
50	0.28	0.38	0.49	0.74	1.03	1.59	2.21	3.38	5.00	7.95	93.56
100	0.30	0.42	0.53	0.80	1.13	1.74	2.41	3.69	5.46	8.67	99.37
200	0.33	0.45	0.57	0.87	1.22	1.88	2.61	3.99	5.90	9.38	104.85
1000	0.38	0.53	0.67	1.01	1.43	2.20	3.05	4.66	6.90	10.96	116.62
10000	0.46	0.64	0.81	1.22	1.71	2.63	3.65	5.58	8.27	13.14	131.91
PMP	0.90	1.25	1.58	2.39	3.36	5.18	7.19	10.98	16.26	25.84	302.73
MEAN	0.147	0.205	0.259	0.391	0.550	0.847	1.175	1.796	2.659	4.225	56.426
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.725	0.194	0.370	1.008	0.808	0.851	2.139	1.373	1.112	0.499	0.053
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.427 ; INTERCEPT (TIME=1 HOUR) =0.583 ; COEFFICIENT OF DETERMINATION = 0.994
1HR INTERCEPT / MEAN YR =0.01033 ; AVERAGE CALC CV / USED CV = 1.11

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.123	1.840	2.851	4.454	3.300	5.453	9.502	5.265	3.915	3.572	2.773
N	11	11	11	11	11	11	11	11	11	11	11
RECORD YEAR	1950	1940	1940	1940	1943	1943	1943	1943	1946	1943	1950
RECORD MAXIMUM	0.290	0.310	0.460	0.750	0.900	1.310	2.020	2.390	3.690	6.210	82.150
NORMALIZED MAX	1.848	1.256	1.806	2.111	1.896	2.247	2.710	2.259	1.936	1.959	1.435
CALC. COEF. VAR	0.524	0.410	0.429	0.435	0.336	0.243	0.265	0.146	0.200	0.240	0.318
RECN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0026	0.0036	0.0046	0.0069	0.0097	0.0150	0.0208	0.0318	0.0471	0.0749	1.0000
RP10/A	0.0038	0.0053	0.0067	0.0101	0.0142	0.0219	0.0304	0.0464	0.0687	0.1091	1.3832
RP25/A	0.0044	0.0062	0.0078	0.0118	0.0166	0.0256	0.0355	0.0543	0.0803	0.1276	1.5472
RP50/A	0.0049	0.0068	0.0086	0.0130	0.0183	0.0283	0.0392	0.0599	0.0887	0.1409	1.6580
RP100/A	0.0054	0.0074	0.0094	0.0142	0.0200	0.0308	0.0428	0.0653	0.0967	0.1537	1.7611
RP1000/A	0.0068	0.0094	0.0119	0.0180	0.0253	0.0389	0.0540	0.0826	0.1222	0.1942	2.0668
RP10000/A	0.0081	0.0113	0.0143	0.0215	0.0303	0.0467	0.0648	0.0990	0.1465	0.2328	2.3377
PMP/A	0.0160	0.0222	0.0281	0.0424	0.0596	0.0918	0.1274	0.1947	0.2882	0.4579	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A70 8332 0	SODA SPRINGS	6885	23	17N	14E	G	M	39.326	120.367	NEVADA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	*****	*****	0.24	0.28	0.42	0.76	1.11	1.86	3.30	5.37	64.47
1942	*****	*****	0.22	0.29	0.41	0.75	0.95	1.33	2.50	4.50	42.49
1943	*****	*****	0.48	0.49	0.53	0.93	1.24	2.25	4.17	6.01	48.46
1944	*****	*****	0.19	0.60	0.66	0.68	0.79	1.20	1.71	2.37	53.01
1945	*****	*****	0.20	0.40	0.64	0.95	1.05	2.03	3.30	5.63	70.23
1946	*****	*****	0.13	0.24	0.42	0.61	0.86	1.48	2.51	3.57	39.32
1947	*****	*****	0.22	0.26	0.38	0.65	0.92	1.59	2.63	3.24	37.74
1948	*****	*****	0.24	0.37	0.50	0.69	0.84	1.26	1.70	3.62	51.10
1949	*****	*****	0.60	0.70	0.83	0.92	0.96	1.11	1.74	2.45	35.22
1950	*****	*****	0.25	0.29	0.50	0.65	1.00	1.85	3.67	5.20	93.32
1951	*****	*****	0.45	0.48	0.48	0.55	0.68	1.07	1.37	2.47	67.57
1952	*****	*****	0.56	0.87	0.87	0.89	0.90	1.05	1.86	2.62	68.21
1953	*****	*****	0.08	0.15	0.28	0.43	0.63	1.13	1.83	3.16	51.31
1954	*****	*****	0.14	0.17	0.30	0.52	0.75	1.35	1.90	3.56	52.94
1955	*****	*****	0.22	0.23	0.31	0.54	0.80	1.60	2.50	4.32	67.13
1956	*****	*****	0.09	0.18	0.36	0.56	0.78	1.56	2.17	2.81	49.91
1957	*****	*****	0.25	0.32	0.53	0.72	0.83	1.50	2.65	3.28	57.32
1958	*****	*****	0.14	0.26	0.50	0.75	0.95	1.79	2.56	4.77	69.23
1962	*****	*****	*****	*****	0.48	0.75	1.00	1.82	3.45	6.15	68.67
1963	*****	*****	*****	*****	0.63	1.08	1.55	2.78	5.13	6.30	76.24
1964	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	77.40
1965	*****	*****	*****	*****	*****	*****	*****	*****	*****	4.72	52.85
1966	*****	*****	*****	*****	0.39	0.67	0.83	1.36	2.11	2.85	38.97
1967	*****	*****	*****	*****	*****	*****	*****	*****	*****	5.36	******
1968	*****	*****	*****	*****	0.35	0.50	0.75	1.25	1.76	2.76	55.71
1969	*****	*****	*****	*****	0.41	0.60	0.78	1.35	2.15	3.85	70.97
1970	*****	*****	*****	*****	0.35	0.65	0.90	1.49	2.49	3.93	73.59
1971	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	49.50
1972	*****	*****	*****	*****	0.30	0.53	0.77	1.30	2.16	2.64	52.62
1973	*****	*****	*****	*****	*****	*****	*****	*****	8.43	8.43	78.06
1974	*****	*****	*****	*****	0.49	0.52	0.65	1.20	1.84	3.45	55.92

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A70 8332 0	SODA SPRINGS	6885	23	17N	14E	G	M	39.326	120.367	NEVADA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.27	0.34	0.45	0.64	0.84	1.43	2.54	3.86	58.49
5	0.0	0.0	0.36	0.45	0.60	0.86	1.12	1.91	3.40	5.16	73.82
10	0.0	0.0	0.41	0.53	0.70	1.00	1.30	2.22	3.95	6.00	82.50
20	0.0	0.0	0.47	0.60	0.79	1.13	1.47	2.50	4.46	6.78	90.03
25	0.0	0.0	0.48	0.62	0.81	1.17	1.53	2.59	4.62	7.02	92.29
40	0.0	0.0	0.49	0.63	0.83	1.19	1.55	2.64	4.70	7.13	96.83
50	0.0	0.0	0.53	0.68	0.90	1.29	1.68	2.86	5.10	7.75	98.90
100	0.0	0.0	0.58	0.74	0.98	1.41	1.84	3.12	5.56	8.45	105.04
200	0.0	0.0	0.63	0.81	1.06	1.52	1.99	3.38	6.02	9.14	110.83
1000	0.0	0.0	0.74	0.94	1.24	1.78	2.32	3.95	7.03	10.68	123.28
10000	0.0	0.0	0.88	1.13	1.49	2.13	2.78	4.73	8.43	12.80	139.44
PMP	0.0	0.0	1.74	2.22	2.92	4.20	5.48	9.30	16.58	25.17	320.01
MEAN	0.0	0.0	0.284	0.363	0.478	0.687	0.895	1.522	2.711	4.117	59.648
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.862	1.375	1.078	0.725	1.662	1.446	2.801	1.017	0.211
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.542 ; INTERCEPT (TIME=1 HOUR) =0.610 ; COEFFICIENT OF DETERMINATION = 0.991
1HR INTERCEPT / MEAN YR =0.00855 ; AVERAGE CALC CV / USED CV = 1.12

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	2.839	4.798	4.333	3.301	7.345	5.767	12.566	4.171	3.046
N	0	0	18	18	26	26	26	26	27	29	30
RECORD YEAR	0	0	1949	1952	1952	1963	1963	1963	1973	1973	1950
RECORD MAXIMUM	0.0	0.0	0.600	0.870	0.870	1.080	1.550	2.780	8.430	8.430	93.320
NORMALIZED MAX	0.0	0.0	1.835	2.595	2.588	2.436	3.371	3.130	4.004	2.933	2.446
CALC. COEF. VAR	0.0	0.0	0.607	0.539	0.317	0.235	0.217	0.264	0.527	0.357	0.231
RECN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0	0.0048	0.0061	0.0080	0.0115	0.0150	0.0255	0.0454	0.0690	1.0000
RP10/A	0.0	0.0	0.0069	0.0089	0.0117	0.0168	0.0219	0.0372	0.0662	0.1006	1.3832
RP25/A	0.0	0.0	0.0081	0.0104	0.0136	0.0196	0.0256	0.0435	0.0775	0.1176	1.5472
RP50/A	0.0	0.0	0.0090	0.0114	0.0151	0.0217	0.0282	0.0480	0.0855	0.1299	1.6580
RP100/A	0.0	0.0	0.0098	0.0125	0.0164	0.0236	0.0308	0.0524	0.0933	0.1417	1.7611
RP1000/A	0.0	0.0	0.0123	0.0158	0.0208	0.0299	0.0389	0.0662	0.1179	0.1790	2.0668
RP10000/A	0.0	0.0	0.0148	0.0189	0.0249	0.0358	0.0467	0.0793	0.1413	0.2146	2.3377
PMP/A	0.0	0.0	0.0291	0.0372	0.0490	0.0704	0.0918	0.1560	0.2779	0.4221	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	EMM	LATITUDE	LONGITUDE	COUNTY
670 6770 26	RENO AP MWS	439	7					0.39N	1.19O	NEVADA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
YEAR											
1906	0.06	0.10	0.11	0.15	0.36	0.40	*****	*****	*****	1.81	11.05
1907	0.12	0.20	0.20	0.21	0.22	0.24	*****	*****	*****	1.25	11.27
1908	0.21	0.26	0.31	0.38	0.50	0.54	*****	*****	*****	0.54	5.42
1910	0.15	0.28	0.37	0.54	0.75	0.92	*****	*****	*****	1.20	11.16
1911	0.26	0.31	0.48	0.62	0.62	0.62	*****	*****	*****	1.41	10.57
1912	0.32	0.54	0.67	0.86	0.93	0.93	*****	*****	*****	0.96	4.66
1913	0.27	0.48	0.63	0.72	0.73	0.73	*****	*****	*****	1.83	11.57
1917	0.03	0.05	0.07	0.12	0.19	0.30	*****	*****	*****	0.86	5.43
1918	0.09	0.13	0.15	0.18	0.25	0.29	*****	*****	*****	1.29	8.85
1919	0.23	0.35	0.47	0.80	0.86	0.87	*****	*****	*****	1.47	9.64
1920	0.06	0.08	0.12	0.22	0.38	0.60	*****	*****	*****	1.68	6.73
1921	0.07	0.08	0.09	0.11	0.22	0.29	*****	*****	*****	1.53	7.27
1922	0.04	0.06	0.09	0.15	0.26	0.42	*****	*****	*****	1.55	11.30
1923	0.15	0.23	0.25	0.27	0.32	0.41	*****	*****	*****	0.79	7.22
1924	0.03	0.05	0.06	0.11	0.19	0.33	*****	*****	*****	0.87	4.32
1925	0.17	0.22	0.22	0.34	0.40	0.41	*****	*****	*****	0.74	7.87
1927	0.09	0.13	0.16	0.22	0.22	0.29	*****	*****	*****	0.78	8.13
1928	0.12	0.21	0.30	0.40	0.40	0.40	*****	*****	*****	1.17	6.41
1930	0.19	0.26	0.28	0.32	0.33	0.42	*****	*****	*****	1.04	6.24
1931	0.29	0.54	0.69	0.78	0.82	0.90	*****	*****	*****	1.09	8.04
1932	0.17	0.34	0.37	0.47	0.59	0.65	*****	*****	*****	0.85	5.15
1933	0.19	0.30	0.36	0.36	0.51	0.55	*****	*****	*****	1.63	8.28
1934	0.18	0.33	0.44	0.55	0.80	0.95	*****	*****	*****	0.95	5.83
1935	0.04	0.07	0.10	0.17	0.29	0.48	*****	*****	*****	0.90	6.42
1939	0.22	0.32	0.35	0.39	0.39	0.39	*****	*****	*****	0.65	6.42
1940	0.22	0.30	*****	0.41	0.43	0.64	0.44	0.44	0.75	1.03	11.75
1941	0.12	0.20	0.23	0.30	0.59	0.89	0.63	0.95	0.95	0.95	7.93
1942	0.03	0.05	0.07	0.11	0.15	0.23	0.33	0.44	0.64	0.73	4.88
1943	0.04	0.08	0.10	0.19	0.27	0.54	0.70	1.02	1.61	2.37	9.01
1944	0.07	0.11	0.13	0.16	0.22	0.30	0.34	0.36	0.58	0.73	6.97
1945	0.25	0.31	0.36	0.40	0.40	0.41	0.41	0.70	0.82	1.27	8.64
1946	0.06	0.07	0.08	0.16	0.21	0.34	0.43	0.50	0.51	0.97	5.59
1947	0.03	0.04	0.08	0.12	0.13	0.19	0.26	0.37	0.44	0.48	1.55
1948	*****	*****	0.14	0.14	0.16	0.17	0.17	0.29	0.41	0.47	3.80
1949	*****	*****	*****	*****	0.53	0.80	0.80	0.80	0.80	0.80	6.53
1950	0.20	0.26	0.36	0.47	0.68	0.75	0.80	0.80	1.02	1.09	5.61
1951	*****	*****	*****	*****	0.32	0.37	0.37	0.46	0.57	0.86	8.12
1952	*****	*****	*****	*****	0.54	0.64	0.68	1.14	1.56	1.60	9.89
1953	*****	*****	*****	*****	0.21	0.29	0.34	0.46	0.47	0.58	4.57
1954	*****	*****	*****	*****	0.20	0.33	0.49	0.82	0.93	0.96	6.94
1955	*****	*****	*****	*****	0.22	0.33	0.39	0.68	1.17	2.17	9.19
1956	*****	*****	*****	*****	0.31	0.36	0.44	0.82	1.05	1.08	7.09
1957	*****	*****	*****	*****	0.18	0.29	0.41	0.58	0.67	0.96	7.37
1958	*****	*****	*****	*****	0.19	0.25	0.39	0.50	1.07	1.64	8.78
1959	*****	*****	*****	*****	0.44	0.56	0.64	0.92	1.27	1.44	5.98
1960	*****	*****	*****	*****	0.21	0.26	0.28	0.37	0.58	0.68	5.78
1961	*****	*****	*****	*****	0.16	0.24	0.27	0.40	0.50	0.75	5.37
1962	*****	*****	*****	*****	0.20	0.37	0.56	1.07	1.42	1.55	9.05
1963	*****	*****	*****	*****	1.00	1.28	1.28	1.28	1.28	1.90	10.93
1964	*****	*****	*****	*****	0.36	0.44	0.53	0.75	1.12	1.55	7.73
1965	*****	*****	*****	*****	0.62	0.79	0.88	0.89	0.89	0.89	5.72
1966	*****	*****	*****	*****	0.13	0.20	0.24	0.33	0.66	0.84	3.27
1967	*****	*****	*****	*****	0.38	0.38	0.41	0.50	0.61	0.84	9.47
1968	*****	*****	*****	*****	0.35	0.35	0.35	0.35	0.50	0.71	5.45
1969	*****	*****	*****	*****	0.28	0.41	0.55	0.77	0.96	1.44	10.22
1970	*****	*****	*****	*****	0.24	0.47	0.53	0.66	0.72	0.72	16.70
1971	*****	*****	*****	*****	0.59	0.63	0.63	0.63	0.98	1.39	10.58
1972	*****	*****	*****	*****	0.18	0.30	0.33	0.49	0.66	1.01	5.52
1973	0.21	0.29	0.30	0.37	0.40	0.42	0.48	0.57	0.76	0.91	9.21
1974	0.14	0.15	0.16	0.17	0.24	0.37	0.48	0.70	0.79	0.80	9.21
1975	0.08	0.14	0.17	0.20	0.25	0.31	0.36	0.39	0.53	0.91	6.95

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. PSN OPDER SUP	STATION NAME	ELEV	SEC	TWP	RNG LOT	BMM	LATITUDE	LONGITUDE	COUNTY
670 6779 26	BENO AP NWS	439	7				0.395	1.190	NEVADA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	6-YR
2	0.13	0.19	0.23	0.30	0.35	0.43	0.45	0.59	0.76	1.01	7.53
5	0.18	0.28	0.34	0.44	0.51	0.63	0.66	0.85	1.11	1.46	9.83
10	0.22	0.34	0.41	0.53	0.61	0.76	0.79	1.03	1.34	1.77	11.19
20	0.26	0.40	0.48	0.62	0.71	0.88	0.92	1.20	1.56	2.06	12.39
25	0.27	0.41	0.50	0.64	0.74	0.92	0.96	1.25	1.63	2.15	12.75
40	0.29	0.45	0.54	0.70	0.81	1.00	1.05	1.36	1.77	2.33	13.40
50	0.31	0.47	0.56	0.73	0.84	1.04	1.09	1.41	1.83	2.42	13.83
100	0.34	0.52	0.62	0.81	0.93	1.15	1.21	1.57	2.04	2.69	14.54
200	0.37	0.57	0.68	0.88	1.02	1.27	1.32	1.72	2.23	2.95	15.81
1000	0.45	0.68	0.82	1.06	1.23	1.52	1.58	2.07	2.68	3.55	17.92
10000	0.55	0.84	1.02	1.31	1.51	1.88	1.96	2.55	3.31	4.37	20.71
PMP	1.07	1.64	1.57	2.54	2.93	3.64	3.81	4.95	6.42	8.49	46.20
MEAN	0.140	0.214	0.258	0.333	0.383	0.476	0.498	0.647	0.840	1.110	7.784
CLOCK HR. COF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.752	0.688	0.669	1.042	1.100	1.249	1.485	0.836	0.793	0.858	0.467
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.661 ; INTERCEPT (TIME=1 HOUR) =0.378 ; COEFFICIENT OF DETERMINATION = 0.989
THE INTERCEPT / MEAN YR =0.0485 ; AVERAGE CALC CV / USED CV = 1.31

KURTOSIS	2.149	3.202	3.679	3.449	3.489	4.354	5.986	2.895	3.142	3.388	4.331
N	37	37	37	38	61	61	36	36	36	61	61
RECORD YEAR	1912	1912	1931	1912	1963	1963	1963	1963	1943	1943	1970
RECORD MAXIMUM	0.320	0.540	0.690	0.860	1.000	1.280	1.280	1.280	1.610	2.370	16.700
NORMALIZED MAX	2.110	2.389	2.686	2.503	2.822	3.439	3.450	2.501	2.418	2.973	3.460
CALC. COEF. VAR	0.609	0.637	0.675	0.633	0.570	0.491	0.455	0.361	0.379	0.382	0.331
REGN. COEF. VAR	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.329
USED COEF. VAR	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.329
MEAN/A	0.0180	0.0275	0.0331	0.0427	0.0493	0.0611	0.0639	0.0831	0.1079	0.1426	1.0000
RP10/A	0.0287	0.0438	0.0527	0.0801	0.0785	0.0974	0.1019	0.1324	0.1720	0.2272	1.4371
RP25/A	0.0348	0.0532	0.0640	0.0826	0.0952	0.1182	0.1237	0.1607	0.2088	0.2758	1.6379
RP50/A	0.0392	0.0600	0.0722	0.0932	0.1074	0.1334	0.1395	0.1813	0.2355	0.3110	1.7762
RP100/A	0.0436	0.0666	0.0802	0.1035	0.1193	0.1481	0.1549	0.2013	0.2615	0.3454	1.9066
RP1000/A	0.0575	0.0879	0.1057	0.1365	0.1574	0.1953	0.2043	0.2656	0.3449	0.4556	2.3014
RP10000/A	0.0709	0.1084	0.1304	0.1684	0.1941	0.2410	0.2520	0.3276	0.4255	0.5620	2.6606
PMP/A	0.1375	0.2102	0.2530	0.3267	0.3766	0.4674	0.4889	0.6354	0.8252	1.0901	5.9350

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
6700 9043 0	TRUCKEE R S	5995	10	17N	16E	P	M	39.320	120.516	NEVADA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.05	0.06	0.08	0.14	0.25	0.49	0.70	1.13	1.27	1.75	45.24
1941	0.18	0.18	0.18	0.18	0.30	0.54	0.72	1.11	2.14	3.15	28.93
1942	0.15	0.16	0.20	0.23	0.29	0.48	0.64	1.11	1.63	3.06	35.88
1943	0.54	0.54	0.54	0.54	0.55	0.57	0.61	1.28	2.27	3.07	25.85
1944	0.32	0.46	0.57	0.62	0.74	0.83	0.90	1.13	1.77	2.72	30.77
1945	0.21	0.22	0.22	0.22	0.22	0.42	0.57	0.95	1.60	2.80	39.99
1946	0.12	0.16	0.20	0.23	0.32	0.38	0.57	1.05	1.58	2.64	23.83
1947	0.05	0.09	0.12	0.19	0.31	0.42	0.48	0.69	1.19	1.78	17.64
1948	0.15	0.19	0.22	0.25	0.33	0.56	0.75	1.05	1.39	2.14	31.19
1949	0.27	0.47	0.63	0.76	0.90	0.91	0.91	0.91	1.35	1.50	21.91
1950	0.17	0.20	0.21	0.25	0.39	0.64	0.82	1.39	2.67	4.19	55.16
1951	0.04	0.07	0.10	0.20	0.29	0.50	0.60	1.09	1.82	2.35	38.42
1952	0.56	0.61	0.63	0.65	0.67	0.67	0.76	1.01	1.66	2.01	40.54
1953	0.06	0.06	0.09	0.15	0.28	0.47	0.68	1.07	1.48	2.01	24.25
1954	0.05	0.06	0.07	0.12	0.24	0.38	0.47	0.91	1.45	2.12	28.69
1955	0.06	0.09	0.11	0.19	0.33	0.47	0.70	1.25	1.54	2.42	41.56
1956	0.08	0.15	0.17	0.32	0.52	0.56	0.60	1.10	1.58	2.10	30.16
1957	0.05	0.07	0.09	0.15	0.28	0.46	0.53	0.82	0.97	1.86	32.05
1958	0.24	0.38	0.46	0.62	0.64	0.74	0.75	1.17	1.74	2.50	35.70
1959	0.04	0.06	0.10	0.17	0.33	0.63	0.84	1.26	1.64	2.17	22.31
1960	0.03	0.05	0.07	0.13	0.23	0.41	0.55	0.91	1.59	2.32	27.39
1961	0.08	0.10	0.14	0.16	0.25	0.38	0.44	0.66	0.94	1.07	19.80
1962	0.14	0.14	0.14	0.15	0.26	0.39	0.56	1.10	1.81	2.80	36.25
1963	0.06	0.10	0.11	0.17	0.32	0.61	0.86	1.59	3.06	5.27	39.87
1964	0.05	0.07	0.09	0.17	0.34	0.65	0.88	1.61	3.06	5.12	39.94
1965	0.18	0.20	0.32	0.44	0.45	0.54	0.63	0.88	1.34	1.92	35.66
1966	0.10	0.12	0.15	0.21	0.39	0.57	0.85	1.10	1.39	1.46	22.79
1967	0.04	0.07	0.10	0.16	0.29	0.48	0.65	1.10	1.54	2.73	39.67
1968	*****	*****	*****	*****	0.30	0.50	0.10	1.10	1.50	2.00	30.50
1969	*****	*****	*****	*****	0.50	0.60	0.80	1.20	1.70	2.40	48.53
1970	*****	*****	*****	*****	0.50	0.90	1.00	1.30	2.00	2.40	40.40
1971	*****	*****	*****	*****	0.30	0.50	0.70	1.00	1.60	1.90	33.50
1972	0.06	0.10	0.12	0.20	0.32	0.34	0.34	0.36	0.50	0.95	23.30
1973	*****	*****	0.30	0.30	0.30	0.40	0.60	1.00	1.60	2.00	38.10
1974	*****	*****	0.10	0.20	0.40	0.50	0.60	1.10	1.50	1.90	27.80

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
6700 9043 0	TRUCKEE R S	5995	10	17N	16E	P	M	39.320	120.516	NEVADA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.16	0.19	0.25	0.35	0.49	0.60	0.98	1.50	2.22	31.88
5	0.19	0.24	0.28	0.36	0.50	0.71	0.87	1.42	2.18	3.23	41.63
10	0.23	0.29	0.34	0.44	0.61	0.86	1.05	1.71	2.63	3.90	47.36
20	0.26	0.33	0.40	0.51	0.71	1.00	1.23	1.99	3.06	4.54	52.44
25	0.27	0.35	0.41	0.53	0.74	1.04	1.28	2.08	3.20	4.73	53.98
40	0.30	0.38	0.45	0.57	0.80	1.14	1.39	2.26	3.48	5.15	57.11
50	0.31	0.39	0.47	0.60	0.83	1.18	1.44	2.35	3.61	5.34	58.54
100	0.34	0.44	0.52	0.66	0.92	1.31	1.60	2.61	4.01	5.93	62.83
200	0.38	0.48	0.57	0.73	1.01	1.44	1.76	2.86	4.40	6.51	66.92
1000	0.45	0.56	0.68	0.87	1.22	1.73	2.11	3.44	5.28	7.82	75.85
10000	0.56	0.71	0.84	1.08	1.50	2.13	2.61	4.24	6.52	9.65	87.69
RMP	1.08	1.38	1.64	2.09	2.91	4.13	5.06	8.23	12.64	18.71	195.61
MEAN	0.142	0.180	0.214	0.273	0.381	0.540	0.662	1.076	1.653	2.448	32.959
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.998	1.626	1.546	1.625	1.708	1.090	-0.742	-0.374	1.042	1.469	0.347
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.568 ; INTERCEPT (TIME=1 HOUR) =0.394 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.01194 ; AVERAGE CALC CV / USED CV = 1.36

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	7.075	4.824	4.383	4.615	5.823	4.182	4.854	5.815	5.619	5.679	3.090
N	29	29	31	31	35	35	35	35	35	35	35
RECORD YEAR	1952	1952	1949	1949	1949	1949	1970	1964	1963	1963	1950
RECORD MAXIMUM	0.560	0.610	0.630	0.760	0.900	0.910	1.000	1.610	3.060	5.270	55.160
NORMALIZED MAX	3.053	2.748	2.438	2.755	3.293	2.614	1.899	2.321	2.739	2.942	2.579
CALC. COEF. VAR	0.967	0.867	0.798	0.647	0.414	0.262	0.269	0.214	0.311	0.392	0.261
REGN. COEF. VAR	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.329
USED COEF. VAR	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.329
MEAN/A	0.0043	0.0055	0.0065	0.0083	0.0116	0.0164	0.0201	0.0327	0.0502	0.0743	1.0000
RP10/A	0.0069	0.0087	0.0103	0.0132	0.0184	0.0261	0.0320	0.0520	0.0799	0.1183	1.4371
RP25/A	0.0083	0.0106	0.0125	0.0160	0.0223	0.0317	0.0388	0.0632	0.0970	0.1436	1.6379
RP50/A	0.0094	0.0119	0.0142	0.0181	0.0252	0.0357	0.0438	0.0712	0.1094	0.1620	1.7762
RP100/A	0.0104	0.0133	0.0157	0.0201	0.0280	0.0397	0.0486	0.0791	0.1215	0.1799	1.9064
RP1000/A	0.0137	0.0175	0.0207	0.0265	0.0369	0.0524	0.0642	0.1043	0.1603	0.2373	2.3014
RP10000/A	0.0169	0.0216	0.0256	0.0327	0.0455	0.0646	0.0791	0.1287	0.1977	0.2927	2.6605
RMP/A	0.0329	0.0418	0.0496	0.0634	0.0883	0.1253	0.1535	0.2496	0.3835	0.5678	5.9350

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. MSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 1057	0	BREA DAM	275	21	03S	10W		S	33.890	117.926	ORANGE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1943	0.14	0.20	0.34	0.44	0.81	1.01	1.20	1.76	3.12	5.28	20.75
1944	0.19	0.26	0.29	0.46	0.74	0.80	0.99	1.67	2.22	2.76	13.70
1945	0.15	0.20	0.22	0.30	0.45	0.61	0.83	1.25	1.93	3.21	14.23
1946	0.14	0.25	0.27	0.46	0.70	0.87	0.93	1.49	2.19	2.52	14.28
1947	0.17	0.25	0.26	0.29	0.36	0.55	0.66	0.86	1.00	1.35	3.71
1948	0.21	0.29	0.37	0.44	0.54	0.60	0.61	0.65	0.76	1.51	7.83
1949	0.18	0.35	0.51	0.69	0.85	0.90	0.90	0.90	1.33	1.90	8.67
1950	*****	*****	*****	*****	0.45	0.67	0.98	1.36	1.62	1.81	9.20
1951	*****	*****	*****	*****	0.44	0.56	0.70	0.83	0.90	0.91	13.33
1952	0.34	0.49	0.60	0.73	0.83	1.10	1.27	2.22	3.30	4.08	22.42
1953	0.09	0.11	0.12	0.20	0.36	0.57	0.67	0.76	0.76	0.85	5.62
1954	0.16	0.30	0.40	0.52	0.62	0.85	1.15	1.71	2.18	2.57	18.10
1955	0.14	0.22	0.33	0.46	0.59	0.72	0.84	1.05	1.05	1.15	10.45
1956	0.07	0.11	0.17	0.23	0.39	0.70	0.94	1.82	3.10	5.48	12.08
1957	0.14	0.26	0.37	0.48	0.55	0.71	0.71	0.95	1.21	1.36	13.16
1958	0.12	0.22	0.32	0.42	0.53	0.60	0.84	1.17	1.87	2.96	17.36
1959	0.26	0.35	0.40	0.43	0.46	0.48	0.60	1.15	1.53	1.59	6.74
1960	0.20	0.34	0.42	0.53	0.85	0.78	0.82	1.07	1.40	1.40	9.81
1961	0.10	0.14	0.20	0.24	0.27	0.47	0.52	0.64	0.80	0.90	4.76
1962	0.07	0.10	0.15	0.28	0.44	0.59	0.70	1.07	1.73	2.22	11.80
1963	0.16	0.27	0.41	0.48	0.62	0.81	1.12	1.53	2.02	2.60	14.57
1964	0.18	0.23	0.25	0.33	0.41	0.43	0.56	0.76	0.80	0.99	6.18
1965	0.21	0.37	0.48	0.70	0.88	0.92	0.96	0.96	1.49	2.31	17.95
1966	0.20	0.28	0.30	0.36	0.45	0.68	0.85	1.31	1.92	2.06	9.88
1967	0.23	0.33	0.37	0.40	0.50	0.67	0.72	1.08	1.55	1.86	14.18
1968	0.17	0.33	0.35	0.39	0.55	0.83	1.15	1.83	2.60	2.78	7.52
1969	0.12	0.23	0.34	0.47	0.54	0.81	1.10	1.64	2.34	3.10	23.86
1970	0.12	0.23	0.25	0.25	0.44	0.56	0.80	1.40	2.13	2.87	13.62
1971	0.11	0.21	0.26	0.27	0.39	0.46	0.69	1.12	1.56	2.58	8.21
1972	*****	*****	*****	*****	0.47	0.87	1.00	1.10	1.25	1.30	6.80
1973	*****	*****	*****	*****	0.45	0.70	0.87	1.30	1.49	1.49	13.69
1974	*****	*****	*****	*****	1.02	1.45	1.70	2.10	2.51	2.72	15.09

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 1057	0	BREA DAM	275	21	03S	10W		S	33.890	117.926	ORANGE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.15	0.23	0.29	0.38	0.50	0.66	0.80	1.10	1.57	2.04	11.22
5	0.22	0.35	0.44	0.57	0.75	0.99	1.21	1.72	2.37	3.08	15.83
10	0.27	0.43	0.54	0.69	0.92	1.21	1.47	2.10	2.89	3.76	18.75
20	0.31	0.50	0.63	0.81	1.07	1.42	1.72	2.46	3.38	4.39	21.44
25	0.33	0.52	0.66	0.85	1.12	1.48	1.80	2.57	3.53	4.59	22.27
40	0.36	0.57	0.72	0.92	1.22	1.61	1.96	2.80	3.85	5.00	23.98
50	0.37	0.59	0.76	0.96	1.27	1.67	2.04	2.91	4.00	5.19	24.77
100	0.41	0.66	0.83	1.07	1.41	1.86	2.27	3.24	4.45	5.78	27.18
200	0.45	0.72	0.91	1.17	1.55	2.05	2.49	3.56	4.89	6.35	29.51
1000	0.55	0.87	1.09	1.41	1.86	2.46	2.99	4.28	5.88	7.64	34.73
10000	0.67	1.07	1.35	1.74	2.30	3.04	3.69	5.28	7.25	9.42	41.87
PMP	1.36	2.16	2.73	3.51	4.64	6.13	7.45	10.65	14.63	19.01	87.16
MEAN	0.162	0.256	0.324	0.417	0.552	0.729	0.886	1.266	1.740	2.261	12.039
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.948	0.315	0.369	0.581	0.865	1.339	1.146	0.542	0.530	1.211	0.512
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.550 ; INTERCEPT (TIME=1 HOUR) =0.552 ; COEFFICIENT OF DETERMINATION = 0.992
1HR INTERCEPT / MEAN YR =0.04586 ; AVERAGE CALC CV / USED CV = 0.86

KURTOSIS	5.105	4.028	3.620	3.329	3.480	6.303	5.532	2.831	2.931	4.882	3.208
N	27	27	27	27	32	32	32	32	32	32	32
RECORD YEAR	1952	1952	1952	1952	1974	1974	1974	1952	1952	1958	1969
RECORD MAXIMUM	0.340	0.490	0.600	0.730	1.020	1.450	1.700	2.220	3.300	5.400	23.860
NORMILIZED MAX	3.011	2.859	2.501	2.213	2.609	3.428	3.297	2.303	2.221	2.775	2.368
CALC. COEF. VAR	0.366	0.343	0.340	0.338	0.325	0.288	0.278	0.327	0.408	0.500	0.415
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0134	0.0213	0.0269	0.0347	0.0458	0.0606	0.0736	0.1052	0.1445	0.1878	1.0000
RP10/A	0.0223	0.0358	0.0447	0.0576	0.0762	0.1007	0.1224	0.1748	0.2402	0.3122	1.5576
RP25/A	0.0273	0.0432	0.0547	0.0704	0.0931	0.1230	0.1495	0.2138	0.2936	0.3815	1.8498
RP50/A	0.0309	0.0489	0.0618	0.0797	0.1053	0.1391	0.1691	0.2416	0.3321	0.4315	2.0575
RP100/A	0.0344	0.0544	0.0688	0.0886	0.1172	0.1548	0.1882	0.2688	0.3694	0.4800	2.2574
RP1000/A	0.0454	0.0719	0.0909	0.1171	0.1549	0.2046	0.2487	0.3553	0.4883	0.6345	2.8849
RP10000/A	0.0560	0.0887	0.1122	0.1445	0.1911	0.2524	0.3068	0.4383	0.6024	0.7827	3.4781
PMP/A	0.1131	0.1790	0.2264	0.2916	0.3855	0.5093	0.6191	0.8844	1.2155	1.5798	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUB										
U05 3285 0	FULLERTON DAM - 153	340	24	03S	10W	E	S	33.897	117.885	ORANGE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1944	*****	*****	0.25	0.46	0.65	0.82	1.08	1.69	2.27	2.95	16.23
1945	*****	*****	0.09	0.14	0.25	0.44	0.59	1.03	1.25	1.25	13.79
1946	*****	*****	0.40	0.46	0.66	0.95	1.12	1.36	2.28	3.51	12.31
1947	*****	*****	0.13	0.25	0.35	0.51	0.67	0.89	1.37	1.98	11.04
1948	*****	*****	0.30	0.37	0.45	0.65	0.75	0.90	1.05	1.10	6.06
1949	*****	*****	0.20	0.24	0.31	0.50	0.50	0.50	0.95	1.10	7.43
1950	*****	*****	0.20	0.33	0.41	0.72	0.99	1.39	1.70	2.11	9.83
1951	*****	*****	0.28	0.48	0.60	1.11	1.38	1.46	1.58	1.58	7.53
1952	*****	*****	0.41	0.51	0.65	1.04	1.37	2.08	3.07	4.18	24.83
1953	*****	*****	0.54	0.64	0.80	1.07	1.13	1.27	1.55	1.76	10.64
1954	*****	*****	0.50	0.56	0.65	0.92	1.20	1.83	2.26	2.58	14.11
1955	*****	*****	0.29	0.31	0.43	0.64	0.78	1.05	1.37	1.37	10.04
1956	*****	*****	0.30	0.39	0.50	0.87	0.96	1.75	3.10	5.43	14.03
1957	*****	*****	0.12	0.18	0.28	0.48	0.63	0.98	1.39	1.39	8.75
1958	*****	*****	0.34	0.45	0.65	0.72	0.87	1.23	2.14	2.85	22.97
1959	*****	*****	0.30	0.55	0.56	0.60	0.71	1.28	1.59	1.59	6.55
1960	*****	*****	0.37	0.45	0.51	0.65	0.83	1.20	1.29	1.29	8.86
1961	*****	*****	0.40	0.65	0.66	0.67	0.67	0.67	0.75	0.80	4.09
1962	*****	*****	0.15	0.25	0.44	0.69	0.87	1.64	2.03	2.22	15.04
1963	*****	*****	0.30	0.41	0.42	0.72	1.06	1.79	2.45	4.09	7.47
1964	*****	*****	0.24	0.29	0.43	0.56	0.93	1.40	1.81	2.10	9.39
1965	*****	*****	0.24	0.30	0.40	0.59	0.62	0.83	1.12	1.80	9.76
1966	*****	*****	0.20	0.34	0.56	0.71	0.74	1.14	1.83	2.68	13.81
1967	*****	*****	0.21	0.30	0.42	0.63	0.86	1.49	2.08	2.51	17.48
1968	*****	*****	0.25	0.33	0.54	0.83	1.06	2.00	2.76	2.91	10.87
1969	*****	*****	0.23	0.38	0.56	0.76	0.92	1.38	2.07	3.03	26.40
1970	*****	*****	0.33	0.39	0.53	0.62	0.68	0.93	1.79	1.99	8.58
1971	*****	*****	0.30	0.43	0.54	0.74	0.81	1.21	2.03	2.93	10.27
1972	*****	*****	0.14	0.24	0.40	0.60	0.81	1.29	1.78	1.98	******
1974	*****	*****	*****	*****	0.90	1.27	1.63	1.96	2.44	2.56	14.57

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUM										
U05 3285 0	FULLERTON DAM - 153	340	24	03S	10W	E	S	33.897	117.885	ORANGE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.25	0.35	0.47	0.67	0.82	1.19	1.66	2.12	11.40
5	0.0	0.0	0.38	0.52	0.70	1.00	1.24	1.80	2.50	3.19	16.09
10	0.0	0.0	0.46	0.64	0.86	1.22	1.51	2.20	3.06	3.89	19.05
20	0.0	0.0	0.54	0.74	1.00	1.43	1.77	2.57	3.57	4.55	21.78
25	0.0	0.0	0.56	0.78	1.05	1.50	1.85	2.68	3.73	4.76	22.63
40	0.0	0.0	0.61	0.85	1.14	1.63	2.02	2.92	4.07	5.18	24.36
50	0.0	0.0	0.63	0.88	1.19	1.69	2.09	3.03	4.22	5.38	25.17
100	0.0	0.0	0.71	0.98	1.32	1.88	2.33	3.38	4.70	5.98	27.61
200	0.0	0.0	0.78	1.07	1.45	2.07	2.56	3.71	5.16	6.58	29.99
1000	0.0	0.0	0.93	1.29	1.75	2.49	3.08	4.46	6.21	7.91	35.29
10000	0.0	0.0	1.15	1.59	2.15	3.07	3.80	5.50	7.66	9.76	42.55
PMP	0.0	0.0	2.32	3.21	4.35	6.19	7.66	11.11	15.46	19.69	88.56
MEAN	0.0	0.0	0.276	0.382	0.517	0.736	0.911	1.321	1.838	2.341	12.233
CLUCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.519	0.295	0.466	0.953	0.881	0.096	0.328	1.015	1.264
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.523 ; INTERCEPT (TIME=1 HOUR) =0.530 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.04335 ; AVERAGE CALC CV / USED CV = 0.64

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	3.461	2.975	3.591	3.814	3.968	2.758	3.004	4.353	4.622
N	0	0	29	29	30	30	30	30	30	30	29
RECORD YEAR	0	0	1953	1961	1974	1974	1974	1952	1956	1956	1969
RECORD MAXIMUM	0.0	0.0	0.540	0.650	0.900	1.270	1.630	2.080	3.100	5.430	26.400
NORMILIZED MAX	0.0	0.0	2.430	2.095	2.591	2.683	2.770	1.904	2.131	2.921	2.653
CALC. COEF. VAR	0.0	0.0	0.393	0.335	0.286	0.270	0.285	0.302	0.322	0.452	0.436
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0226	0.0312	0.0423	0.0602	0.0744	0.1080	0.1503	0.1914	1.0000
RP10/A	0.0	0.0	0.0375	0.0519	0.0703	0.1000	0.1237	0.1795	0.2498	0.3181	1.5576
RP25/A	0.0	0.0	0.0459	0.0634	0.0858	0.1222	0.1512	0.2193	0.3053	0.3888	1.8498
RP50/A	0.0	0.0	0.0519	0.0718	0.0971	0.1382	0.1710	0.2480	0.3453	0.4397	2.0575
RP100/A	0.0	0.0	0.0577	0.0798	0.1080	0.1538	0.1903	0.2759	0.3841	0.4892	2.2574
RP1000/A	0.0	0.0	0.0763	0.1055	0.1428	0.2033	0.2515	0.3648	0.5077	0.6467	2.8849
RP10000/A	0.0	0.0	0.0941	0.1302	0.1761	0.2508	0.3103	0.4500	0.6263	0.7977	3.4761
PMP/A	0.0	0.0	0.1899	0.2627	0.3554	0.5060	0.6261	0.9080	1.2639	1.6097	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 3289 3	FULLERTON AIRPORT 12b	100	31	03S	10W	D	S	33.873	117.974	ORANGE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1937	*****	0.32	0.39	0.48	0.81	1.14	1.56	2.90	3.87	3.87	21.30
1938	*****	0.38	0.49	0.75	0.88	1.21	1.50	1.99	3.02	4.17	15.94
1939	*****	0.51	0.60	0.71	0.67	1.53	1.60	1.78	2.40	2.42	9.52
1940	*****	0.26	0.29	0.50	0.70	1.21	1.58	3.13	4.50	5.02	16.69
1941	*****	0.38	0.48	0.73	0.91	1.03	1.14	1.72	2.08	2.59	31.20
1942	*****	0.16	0.24	0.34	0.52	0.77	0.91	1.19	2.27	2.42	11.44
1943	*****	0.32	0.32	0.48	0.55	0.90	1.07	1.78	2.98	3.70	17.56
1944	*****	0.30	0.39	0.52	0.74	1.07	1.74	2.66	2.70	3.74	17.49
1945	*****	0.21	0.31	0.44	0.52	0.64	0.76	1.05	1.24	1.88	12.79
1946	*****	0.29	0.33	0.35	0.47	0.62	0.85	1.15	1.44	2.08	9.64
1947	*****	0.16	0.21	0.26	0.32	0.42	0.48	0.89	1.02	2.04	10.41
1948	*****	0.20	0.23	0.26	0.32	0.43	0.47	0.56	0.68	0.90	5.79
1949	*****	0.20	0.23	0.29	0.43	0.71	0.83	0.83	1.15	1.35	8.04
1950	*****	0.26	0.36	0.45	0.50	0.76	0.94	1.35	1.59	1.59	9.96
1951	*****	0.27	0.40	0.40	0.47	0.86	1.05	1.09	1.19	1.20	7.66
1952	*****	0.25	0.37	0.48	0.60	0.87	1.15	2.18	3.38	3.63	23.72
1953	*****	0.46	0.62	0.75	0.93	1.17	1.22	1.33	1.38	1.74	9.81
1954	*****	0.37	0.42	0.50	0.56	0.98	1.26	1.86	2.25	2.28	12.69
1955	*****	0.34	0.36	0.46	0.64	0.71	0.89	1.22	1.37	1.37	11.20
1956	*****	0.17	0.17	0.24	0.35	0.64	0.97	1.80	2.86	5.48	13.57
1957	*****	0.17	0.24	0.28	0.41	0.57	0.84	1.28	1.53	1.60	7.65
1958	*****	0.44	0.53	0.65	0.71	0.78	1.06	1.50	2.46	2.46	22.04
1959	*****	0.23	0.24	0.26	0.36	0.56	0.71	1.13	1.40	1.40	8.07
1960	*****	0.33	0.39	0.52	0.60	0.91	1.10	1.48	1.54	1.56	8.82
1961	*****	0.18	0.21	0.26	0.36	0.52	0.63	0.83	0.81	1.13	3.94
1962	*****	0.25	0.30	0.47	0.70	0.85	0.91	1.19	1.83	2.42	16.81
1963	*****	0.15	0.20	0.31	0.44	0.65	0.78	1.46	2.04	3.52	8.62
1964	*****	0.41	0.52	0.72	0.85	1.00	1.27	1.80	2.12	2.12	9.45
1965	*****	0.18	0.19	0.21	0.26	0.47	0.62	0.90	0.98	1.72	9.06
1966	*****	0.25	0.30	0.35	0.45	0.43	0.68	1.19	1.70	2.48	13.36
1967	*****	0.22	0.25	0.31	0.45	0.58	0.68	1.25	1.75	2.18	14.59
1968	*****	0.37	0.52	0.60	0.62	0.90	1.10	1.88	2.50	2.88	10.44
1969	*****	0.20	0.25	0.29	0.54	0.86	1.21	1.71	2.33	3.38	23.32
1970	*****	0.20	0.33	0.42	0.70	0.84	0.87	0.89	1.60	1.62	8.04
1971	*****	0.26	0.34	0.49	0.52	0.84	0.87	1.51	2.15	3.11	9.34
1972	*****	0.13	0.20	0.30	0.41	0.56	0.74	1.07	1.65	1.78	6.03
1973	*****	0.58	0.62	0.71	0.77	1.07	1.15	1.39	1.50	1.53	17.51
1974	*****	0.35	0.39	0.46	0.72	0.93	1.18	1.45	1.69	2.01	12.83
1975	*****	0.35	0.44	0.75	1.07	1.49	1.78	2.14	2.51	2.70	12.21

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 3289 3	FULLERTON AIRPORT 12b	100	31	03S	10W	D	S	33.873	117.974	ORANGE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.26	0.32	0.41	0.53	0.75	0.93	1.35	1.80	2.22	11.92
5	0.0	0.39	0.48	0.62	0.80	1.13	1.40	2.03	2.72	3.35	16.03
10	0.0	0.47	0.58	0.76	0.98	1.38	1.71	2.48	3.32	4.09	19.93
20	0.0	0.55	0.68	0.88	1.15	1.62	2.00	2.89	3.86	4.78	22.79
25	0.0	0.58	0.71	0.92	1.20	1.69	2.09	3.03	4.06	4.99	23.67
40	0.0	0.63	0.78	1.01	1.31	1.84	2.28	3.30	4.42	5.44	25.49
50	0.0	0.65	0.81	1.05	1.36	1.91	2.37	3.42	4.59	5.65	26.33
100	0.0	0.72	0.90	1.16	1.51	2.13	2.63	3.81	5.10	6.28	28.89
200	0.0	0.80	0.98	1.28	1.66	2.34	2.89	4.18	5.61	6.90	31.37
1000	0.0	0.96	1.18	1.54	2.00	2.81	3.48	5.03	6.74	8.31	36.92
10000	0.0	1.18	1.46	1.90	2.48	3.47	4.30	6.21	8.32	10.25	44.51
PMP	0.0	2.38	2.95	3.83	4.97	7.00	8.67	12.53	16.79	20.68	92.85
MEAN	0.0	0.284	0.351	0.455	0.591	0.833	1.031	1.489	1.996	2.458	12.797
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.841	0.619	0.463	0.465	0.713	0.559	1.057	0.979	0.970	1.147
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.566 ; INTERCEPT (TIME=1 HOUR) =0.620 ; COEFFICIENT OF DETERMINATION = 0.998
IMR INTERCEPT / MEAN YR =0.04841 ; AVERAGE CALC CV / USED CV = 0.70

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	3.667	2.742	2.295	2.680	3.960	3.009	4.533	4.401	3.790	4.499
N	0	39	39	39	39	39	39	39	39	39	39
RECORD YEAR	0	1973	1953	1938	1975	1939	1975	1940	1940	1956	1941
RECORD MAXIMUM	0.0	0.580	0.620	0.750	1.070	1.530	1.780	3.130	4.500	5.480	31.200
NORMALIZED MAX	0.0	2.037	2.150	1.765	2.430	2.588	2.260	2.891	3.042	2.804	3.155
CALC. COEF. VAR	0.0	0.368	0.358	0.367	0.334	0.323	0.322	0.381	0.412	0.435	0.856
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0222	0.0274	0.0356	0.0461	0.0651	0.0805	0.1164	0.1560	0.1921	1.0000
RP10/A	0.0	0.0368	0.0455	0.0591	0.0767	0.1082	0.1339	0.1935	0.2593	0.3193	1.5576
RP25/A	0.0	0.0450	0.0556	0.0722	0.0937	0.1322	0.1636	0.2364	0.3169	0.3902	1.8498
RP50/A	0.0	0.0509	0.0629	0.0817	0.1060	0.1495	0.1851	0.2674	0.3584	0.4414	2.0575
RP100/A	0.0	0.0566	0.0700	0.0909	0.1179	0.1663	0.2059	0.2975	0.3987	0.4910	2.2576
RP1000/A	0.0	0.0749	0.0925	0.1202	0.1559	0.2199	0.2721	0.3933	0.5271	0.6491	2.8849
RP10000/A	0.0	0.0924	0.1142	0.1482	0.1923	0.2712	0.3357	0.4851	0.6502	0.8007	3.4781
PMP/A	0.0	0.1864	0.2304	0.2991	0.3881	0.5473	0.6774	0.9789	1.3120	1.6157	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
005 5106 20	LOS ALAMITOS BASIN 170	7	11	05S	12W	A	S	33.757	118.095	ORANGE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1959	*****	0.30	0.35	0.50	0.70	1.22	1.25	1.35	1.35	1.35	******
1960	*****	0.15	0.18	0.25	0.40	0.60	0.80	1.08	1.20	1.20	7.89
1961	*****	0.25	0.25	0.27	0.30	0.49	0.52	0.52	0.57	0.57	2.73
1962	*****	0.15	0.15	0.20	0.30	0.35	0.40	0.85	1.27	2.20	12.76
1963	*****	0.15	0.20	0.25	0.45	0.75	0.90	1.60	1.65	3.25	8.23
1964	*****	0.25	0.26	0.31	0.44	0.56	0.65	0.90	1.44	1.44	6.69
1965	*****	0.27	0.29	0.35	0.40	0.44	0.45	0.60	0.92	1.29	9.45
1966	*****	0.30	0.30	0.35	0.50	0.63	0.66	0.68	0.87	1.77	11.42
1967	*****	0.25	0.30	0.35	0.44	0.60	0.63	0.95	1.50	1.74	11.72
1968	*****	0.20	0.25	0.30	0.40	0.45	0.70	1.25	1.75	1.97	7.15
1969	*****	0.20	0.25	0.45	0.90	1.25	1.65	2.00	2.70	3.07	17.91
1970	*****	0.25	0.30	0.40	0.60	0.70	0.70	0.74	1.61	1.61	6.44
1971	*****	0.60	0.65	0.74	0.80	1.00	1.20	1.52	1.80	2.71	9.50
1972	*****	0.13	0.13	0.24	0.34	0.54	0.65	0.97	1.42	1.51	4.44
1973	*****	0.26	0.37	0.42	0.59	0.78	0.81	1.05	1.24	1.37	13.67
1974	*****	0.20	0.24	0.25	0.45	0.74	0.80	0.90	1.25	2.07	9.47

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
005 5106 20	LOS ALAMITOS BASIN 170	7	11	05S	12W	A	S	33.757	118.095	ORANGE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.22	0.25	0.32	0.45	0.63	0.72	0.96	1.27	1.64	8.66
5	0.0	0.33	0.38	0.49	0.68	0.94	1.09	1.44	1.92	2.48	12.23
10	0.0	0.41	0.46	0.59	0.83	1.15	1.33	1.76	2.34	3.03	14.48
20	0.0	0.47	0.54	0.69	0.97	1.35	1.55	2.06	2.74	3.54	16.56
25	0.0	0.50	0.57	0.72	1.02	1.41	1.62	2.15	2.86	3.70	17.20
40	0.0	0.54	0.62	0.79	1.11	1.54	1.77	2.35	3.12	4.03	18.52
50	0.0	0.56	0.64	0.82	1.15	1.59	1.83	2.44	3.24	4.18	19.13
100	0.0	0.62	0.71	0.91	1.28	1.77	2.04	2.71	3.60	4.65	20.99
200	0.0	0.69	0.78	1.00	1.41	1.95	2.24	2.98	3.96	5.11	22.79
1000	0.0	0.83	0.94	1.21	1.69	2.34	2.70	3.58	4.76	6.15	26.82
10000	0.0	1.02	1.16	1.49	2.09	2.89	3.33	4.42	5.87	7.59	32.34
PMP	0.0	2.06	2.35	3.00	4.21	5.83	6.71	8.91	11.85	15.31	67.32
MEAN	0.0	0.244	0.279	0.357	0.501	0.694	0.798	1.060	1.409	1.820	9.298
CLOCK HR. COV.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	2.392	2.041	1.600	1.094	1.084	1.427	0.914	0.984	0.643	0.492
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.578 ; INTERCEPT (TIME=1 HOUR) =0.503 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.05411 ; AVERAGE CALC CV / USED CV = 0.81

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	10.775	9.360	6.080	4.007	4.016	5.505	4.060	6.328	3.702	4.136
N	0	16	16	16	16	16	16	16	16	16	15
RECORD YEAR	0	1971	1971	1971	1969	1969	1969	1969	1969	1963	1969
RECORD MAXIMUM	0.0	0.600	0.650	0.740	0.900	1.250	1.650	2.000	2.700	3.250	17.910
NORMALIZED MAX	0.0	3.252	3.120	2.724	2.291	2.113	2.634	2.363	2.713	2.012	2.250
CALC. COEF. VAR	0.0	0.448	0.425	0.394	0.348	0.379	0.405	0.375	0.338	0.390	0.412
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0263	0.0300	0.0384	0.0538	0.0746	0.0858	0.1140	0.1515	0.1957	1.0000
RP10/A	0.0	0.0437	0.0499	0.0638	0.0895	0.1240	0.1427	0.1895	0.2518	0.3254	1.5576
RP25/A	0.0	0.0534	0.0610	0.0780	0.1094	0.1516	0.1744	0.2316	0.3078	0.3976	1.8498
RP50/A	0.0	0.0604	0.0690	0.0882	0.1237	0.1714	0.1972	0.2619	0.3481	0.4497	2.0575
RP100/A	0.0	0.0672	0.0768	0.0981	0.1376	0.1907	0.2194	0.2914	0.3872	0.5003	2.2574
RP1000/A	0.0	0.0888	0.1015	0.1297	0.1819	0.2521	0.2900	0.3852	0.5119	0.6613	2.8849
RP10000/A	0.0	0.1095	0.1252	0.1600	0.2244	0.3110	0.3578	0.4751	0.6315	0.8158	3.4781
PMP/A	0.0	0.2210	0.2527	0.3228	0.4528	0.6275	0.7219	0.9588	1.2742	1.6462	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BHM	LATITUDE	LONGITUDE	COUNTY
U05 9847 21	YORBA RESERVOIR 163	320	34	03S	09W	C	S	33.872	117.810	ORANGE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1957	*****	0.16	0.18	0.20	0.24	0.45	0.58	0.95	1.20	1.32	9.12
1958	*****	0.35	0.40	0.59	1.03	1.16	1.34	1.40	2.65	3.50	25.61
1959	*****	0.25	0.30	0.49	0.65	0.71	0.81	1.15	1.59	2.42	8.79
1960	*****	0.21	0.24	0.30	0.42	0.60	0.70	1.00	1.14	1.14	9.03
1961	*****	0.21	0.25	0.30	0.37	0.53	0.62	0.65	1.05	1.25	4.58
1962	*****	0.21	0.25	0.45	0.64	0.65	0.65	1.41	1.70	2.00	14.43
1963	*****	0.18	0.25	0.29	0.52	0.75	0.87	1.40	1.95	3.62	8.97
1964	*****	0.14	0.15	0.29	0.50	0.70	1.05	1.74	2.27	2.27	10.35
1965	*****	0.23	0.29	0.35	0.45	0.63	0.77	0.90	1.05	1.73	10.66
1966	*****	0.29	0.34	0.45	0.50	0.60	0.65	1.04	1.60	2.97	15.29
1967	*****	0.30	0.35	0.65	0.90	1.21	1.37	1.75	2.10	3.00	18.66
1968	*****	0.30	0.40	0.50	0.76	0.84	1.35	1.62	2.68	2.95	10.33
1969	*****	0.28	0.31	0.37	0.57	0.76	0.89	1.68	2.72	3.45	26.84
1970	*****	0.18	0.23	0.27	0.35	0.50	0.73	0.98	1.80	2.05	8.68
1971	*****	0.28	0.37	0.40	0.40	0.50	0.72	0.98	1.50	2.45	8.80
1972	*****	0.20	0.22	0.28	0.43	0.67	0.85	1.31	1.83	1.95	7.16
1973	*****	0.32	0.43	0.47	0.55	0.76	0.85	1.04	1.30	1.70	18.33
1974	*****	0.13	0.17	0.28	0.39	0.74	0.93	1.51	1.86	2.27	12.80
1975	*****	0.26	0.28	0.50	0.75	1.10	1.32	1.77	2.42	2.54	12.05

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BHM	LATITUDE	LONGITUDE	COUNTY
U05 9847 21	YORBA RESERVOIR 163	320	34	03S	09W	C	S	33.872	117.810	ORANGE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.21	0.26	0.35	0.50	0.66	0.82	1.15	1.64	2.12	11.79
5	0.0	0.32	0.39	0.53	0.75	0.99	1.24	1.74	2.47	3.20	16.65
10	0.0	0.39	0.47	0.65	0.91	1.21	1.51	2.12	3.02	3.90	19.71
20	0.0	0.46	0.55	0.76	1.07	1.42	1.76	2.48	3.53	4.56	22.54
25	0.0	0.48	0.58	0.79	1.11	1.48	1.84	2.60	3.69	4.77	23.41
40	0.0	0.52	0.63	0.87	1.21	1.61	2.01	2.83	4.02	5.19	25.21
50	0.0	0.54	0.65	0.90	1.26	1.68	2.09	2.94	4.17	5.39	26.04
100	0.0	0.60	0.73	1.00	1.40	1.86	2.32	3.27	4.64	6.00	28.57
200	0.0	0.66	0.80	1.10	1.54	2.05	2.55	3.59	5.10	6.59	31.03
1000	0.0	0.80	0.96	1.32	1.85	2.46	3.07	4.32	6.13	7.93	36.51
10000	0.0	0.98	1.19	1.63	2.28	3.04	3.78	5.33	7.57	9.78	44.02
PMP	0.0	1.98	2.39	3.29	4.61	6.13	7.64	10.75	15.27	19.73	91.64
MEAN	0.0	0.236	0.285	0.391	0.548	0.729	0.908	1.278	1.815	2.346	12.657
CLUCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.006	0.170	0.496	0.930	1.116	0.861	0.010	0.283	0.130	1.281
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.537 ; INTERCEPT (TIME=1 HOUR) =0.541 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.04271 ; AVERAGE CALC CV / USED CV = 0.61

KURTOSIS	0.0	2.443	2.625	2.887	3.481	4.027	2.940	2.263	2.499	2.570	4.480
N	0	19	19	19	19	19	19	19	19	19	19
RECORD YEAR	0	1958	1973	1967	1958	1967	1967	1975	1969	1963	1969
RECORD MAXIMUM	0.0	0.350	0.430	0.650	1.030	1.210	1.370	1.770	2.720	3.620	26.840
NORMALIZED MAX	0.0	1.810	1.792	2.121	2.409	2.217	1.794	1.445	1.601	1.685	2.374
CALC. COEF. VAR	0.0	0.268	0.285	0.312	0.364	0.297	0.284	0.267	0.300	0.322	0.472
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0186	0.0225	0.0309	0.0433	0.0576	0.0717	0.1010	0.1434	0.1854	1.0000
RP10/A	0.0	0.0310	0.0374	0.0514	0.0720	0.0958	0.1192	0.1678	0.2384	0.3081	1.5576
RP25/A	0.0	0.0378	0.0457	0.0628	0.0880	0.1171	0.1457	0.2051	0.2913	0.3766	1.8498
RP50/A	0.0	0.0428	0.0517	0.0710	0.0995	0.1324	0.1648	0.2320	0.3295	0.4259	2.0575
RP100/A	0.0	0.0476	0.0575	0.0790	0.1107	0.1473	0.1833	0.2580	0.3666	0.4738	2.2574
RP1000/A	0.0	0.0629	0.0760	0.1044	0.1464	0.1947	0.2423	0.3411	0.4846	0.6263	2.8849
RP10000/A	0.0	0.0776	0.0938	0.1288	0.1806	0.2402	0.2990	0.4208	0.5977	0.7726	3.4781
PMP/A	0.0	0.1567	0.1892	0.2598	0.3649	0.4847	0.6033	0.8491	1.2062	1.5590	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BHM	LATITUDE	LONGITUDE	COUNTY
Y01 193 50	ANAHEIM AG DEPT 167	147	15	04S	10W	Q	S	33.820	117.913	ORANGE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1958	*****	0.45	0.47	0.72	1.00	1.30	1.94	2.15	2.44	2.83	23.26
1959	*****	0.30	0.50	0.53	0.60	0.63	0.63	0.91	1.04	1.77	6.21
1960	*****	0.15	0.20	0.30	0.54	0.90	1.03	1.51	1.51	1.51	10.19
1961	*****	0.30	0.35	0.40	0.51	0.72	0.78	0.80	1.18	1.18	4.05
1962	*****	0.30	0.35	0.39	0.60	0.62	0.80	1.40	1.70	2.00	14.66
1963	*****	0.15	0.18	0.25	0.40	0.57	0.60	1.35	1.80	3.27	8.24
1964	*****	0.30	0.35	0.40	0.44	0.60	0.79	1.48	1.73	2.15	8.87
1965	*****	0.15	0.17	0.30	0.40	0.52	0.65	0.90	1.05	1.82	11.68
1966	*****	0.22	0.25	0.30	0.35	0.50	0.60	0.80	1.40	1.96	12.64
1967	*****	0.55	0.70	0.75	1.05	1.15	1.30	2.24	2.41	2.49	17.28
1968	*****	0.25	0.30	0.50	0.70	0.75	1.08	1.67	2.20	2.51	10.58
1969	*****	0.20	0.35	0.40	0.65	0.73	0.75	1.57	2.53	3.77	23.76
1970	*****	0.15	0.21	0.37	0.50	0.55	0.67	0.95	1.75	2.00	8.42
1971	*****	0.25	0.27	0.27	0.32	0.52	0.77	1.05	1.94	2.50	8.80
1972	*****	*****	*****	*****	*****	*****	*****	1.45	1.95	2.03	6.43
1973	*****	0.45	0.50	0.58	0.75	0.94	0.98	1.16	1.35	1.41	16.95
1974	*****	0.19	0.21	0.30	0.53	0.93	1.10	1.30	1.62	2.20	11.87
1975	*****	0.56	0.65	0.80	1.06	1.49	1.89	2.26	2.75	2.85	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BHM	LATITUDE	LONGITUDE	COUNTY
Y01 193 50	ANAHEIM AG DEPT 167	147	15	04S	10W	Q	S	33.820	117.913	ORANGE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.26	0.31	0.40	0.54	0.70	0.86	1.23	1.60	1.99	11.25
5	0.0	0.39	0.48	0.60	0.82	1.06	1.30	1.87	2.42	3.02	15.83
10	0.0	0.48	0.59	0.74	1.02	1.31	1.60	2.30	2.98	3.72	18.87
20	0.0	0.57	0.69	0.87	1.20	1.55	1.88	2.71	3.52	4.39	21.27
25	0.0	0.59	0.73	0.91	1.25	1.62	1.97	2.84	3.69	4.60	22.06
40	0.0	0.65	0.79	1.00	1.37	1.77	2.16	3.11	4.04	5.03	23.70
50	0.0	0.68	0.83	1.04	1.43	1.84	2.25	3.24	4.20	5.24	24.46
100	0.0	0.76	0.92	1.16	1.60	2.07	2.52	3.63	4.70	5.86	26.75
200	0.0	0.80	1.02	1.29	1.77	2.28	2.78	4.01	5.20	6.48	28.96
1000	0.0	1.02	1.24	1.56	2.15	2.78	3.38	4.87	6.32	7.88	33.89
10000	0.0	1.27	1.55	1.95	2.69	3.47	4.23	6.09	7.89	9.84	40.58
PMP	0.0	2.43	2.97	3.74	5.14	6.64	8.09	11.66	15.11	18.84	86.83
MEAN	0.0	0.289	0.354	0.445	0.612	0.789	0.962	1.386	1.797	2.241	11.994
CLUCK MR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.920	0.899	0.947	0.911	1.208	1.594	0.669	0.276	0.647	0.923
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.592 ; INTERCEPT (TIME=1 HOUR) =0.606 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.05050 ; AVERAGE CALC CV / USED CV = 0.84

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	3.253	3.457	3.196	3.394	4.136	5.265	3.061	2.689	3.855	3.741
N	0	17	17	17	17	17	17	18	18	18	17
RECORD YEAR	0	1975	1967	1975	1975	1975	1958	1975	1975	1969	1969
RECORD MAXIMUM	0.0	0.560	0.700	0.800	1.060	1.490	1.940	2.260	2.750	3.770	23.760
NORMILIZED MAX	0.0	1.987	2.155	2.029	1.911	2.394	2.382	1.865	1.864	2.332	2.094
CALC. COEF. VAR	0.0	0.471	0.455	0.394	0.383	0.371	0.427	0.338	0.284	0.293	0.468
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0241	0.0295	0.0371	0.0510	0.0658	0.0802	0.1156	0.1498	0.1868	1.0000
RP10/A	0.0	0.0401	0.0489	0.0616	0.0847	0.1093	0.1332	0.1919	0.2488	0.3102	1.5570
RP25/A	0.0	0.0495	0.0605	0.0761	0.1046	0.1350	0.1646	0.2370	0.3074	0.3832	1.8397
RP50/A	0.0	0.0560	0.0689	0.0866	0.1192	0.1538	0.1875	0.2700	0.3501	0.4365	2.0392
RP100/A	0.0	0.0631	0.0771	0.0970	0.1334	0.1722	0.2099	0.3023	0.3920	0.4887	2.2303
RP1000/A	0.0	0.0849	0.1037	0.1304	0.1794	0.2315	0.2822	0.4065	0.5270	0.6570	2.8258
RP10000/A	0.0	0.1060	0.1295	0.1629	0.2240	0.2891	0.3524	0.5076	0.6582	0.8205	3.3833
PMP/A	0.0	0.2029	0.2479	0.3118	0.4290	0.5535	0.6748	0.9720	1.2602	1.5711	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. MSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 2031 20	CORONA DEL MAR 169	300	31	06S	09W	G	S	33.610	117.858	ORANGE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1960	*****	0.15	0.18	0.35	0.47	0.50	0.65	1.41	1.48	1.48	8.33
1961	*****	0.24	0.26	0.28	0.30	0.35	0.47	0.70	0.72	0.72	2.94
1962	*****	0.20	0.20	0.25	0.35	0.62	0.62	0.82	1.55	2.00	13.83
1963	*****	0.17	0.30	0.38	0.40	0.55	0.72	1.19	1.44	2.68	7.33
1964	*****	0.25	0.30	0.53	0.70	1.18	1.63	2.05	3.32	3.66	10.27
1965	*****	0.25	0.40	0.62	0.80	1.38	1.41	1.53	1.75	3.39	10.88
1966	*****	0.35	0.39	0.49	0.55	0.65	0.80	0.95	1.35	2.25	12.55
1967	*****	0.40	0.45	0.55	0.80	0.95	1.00	1.05	1.91	2.26	13.65
1968	*****	0.35	0.45	0.65	1.00	1.25	1.50	1.68	1.77	1.77	8.21
1969	*****	0.23	0.25	0.45	1.00	1.25	1.64	2.67	3.50	3.92	19.48
1970	*****	0.20	0.20	0.25	0.50	0.88	0.95	1.20	1.60	2.34	8.21
1971	*****	0.25	0.27	0.31	0.37	0.46	1.10	1.28	1.42	2.94	8.88
1972	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	5.99
1973	*****	0.25	0.27	0.35	0.49	0.80	0.95	1.32	1.50	1.55	15.03
1974	*****	0.14	0.15	0.24	0.33	0.52	0.72	1.18	1.41	1.88	9.73
1975	*****	0.36	0.42	0.60	0.90	1.33	1.71	2.17	2.76	2.76	13.74

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. MSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 2031 20	CORONA DEL MAR 169	300	31	06S	09W	G	S	33.610	117.858	ORANGE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.22	0.27	0.37	0.52	0.76	0.94	1.29	1.63	2.11	9.90
5	0.0	0.34	0.40	0.57	0.79	1.16	1.43	1.96	2.47	3.20	13.93
10	0.0	0.42	0.50	0.70	0.97	1.42	1.76	2.41	3.04	3.94	16.43
20	0.0	0.49	0.59	0.82	1.14	1.68	2.07	2.84	3.59	4.65	18.71
25	0.0	0.52	0.61	0.86	1.20	1.76	2.17	2.98	3.76	4.87	19.41
40	0.0	0.57	0.67	0.94	1.31	1.93	2.38	3.26	4.11	5.33	20.65
50	0.0	0.59	0.70	0.98	1.36	2.00	2.47	3.40	4.28	5.55	21.52
100	0.0	0.66	0.78	1.10	1.53	2.24	2.77	3.80	4.79	6.21	23.54
200	0.0	0.73	0.87	1.21	1.69	2.48	3.06	4.20	5.30	6.86	25.48
1000	0.0	0.89	1.05	1.48	2.05	3.02	3.72	5.11	6.44	8.35	29.82
10000	0.0	1.11	1.31	1.84	2.56	3.77	4.65	6.38	8.05	10.42	35.70
PMP	0.0	2.12	2.52	3.53	4.91	7.22	8.90	12.22	15.41	19.96	76.40
MEAN	0.0	0.253	0.299	0.420	0.584	0.858	1.058	1.453	1.832	2.373	10.553
CLOCK HR. CON.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.475	0.258	0.256	0.680	0.258	0.385	0.849	1.271	0.120	0.340
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.502 ; INTERCEPT (TIME=1 HOUR) =0.602 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.05702 ; AVERAGE CALC CV / USED CV = 0.74

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	2.883	2.378	2.159	2.712	2.170	2.279	4.126	4.518	3.295	3.990
N	0	15	15	15	15	15	15	15	15	15	16
RECORD YEAR	0	1967	1967	1968	1968	1965	1975	1969	1969	1969	1969
RECORD MAXIMUM	0.0	0.400	0.450	0.650	1.000	1.380	1.710	2.670	3.500	3.920	19.480
NORMALIZED MAX	0.0	1.853	1.505	1.589	1.723	1.519	1.562	2.298	2.178	1.775	2.224
CALC. COEF. VAR	0.0	0.315	0.334	0.345	0.413	0.400	0.394	0.364	0.418	0.367	0.380
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0239	0.0284	0.0398	0.0553	0.0813	0.1003	0.1377	0.1736	0.2249	1.0000
RP10/A	0.0	0.0398	0.0471	0.0661	0.0919	0.1350	0.1665	0.2286	0.2882	0.3734	1.5570
RP25/A	0.0	0.0491	0.0582	0.0816	0.1135	0.1668	0.2056	0.2825	0.3561	0.4613	1.0397
RP50/A	0.0	0.0559	0.0663	0.0930	0.1293	0.1900	0.2342	0.3218	0.4056	0.5255	2.0392
RP100/A	0.0	0.0626	0.0742	0.1041	0.1448	0.2127	0.2623	0.3603	0.4541	0.5883	2.2303
RP1000/A	0.0	0.0842	0.0998	0.1400	0.1946	0.2859	0.3526	0.4843	0.6105	0.7909	2.8254
RP10000/A	0.0	0.1052	0.1246	0.1748	0.2431	0.3571	0.4403	0.6049	0.7625	0.9878	3.3833
PMP/A	0.0	0.2014	0.2385	0.3347	0.4659	0.6838	0.8431	1.1582	1.4600	1.8914	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL [<25] RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. HSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 2060 1	COSTA MESA 165	55	11	068	10W	B	S	33.669	117.893	ORANGE

MM=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1957	*****	0.21	0.27	0.47	0.72	0.92	1.03	1.03	1.30	1.30	8.09
1958	*****	0.29	0.36	0.45	0.54	0.88	1.00	1.12	1.99	2.10	20.83
1959	*****	0.17	0.20	0.22	0.31	0.56	0.73	0.98	1.34	1.34	5.32
1960	*****	0.22	0.25	0.27	0.45	0.75	0.92	1.25	1.46	1.46	9.29
1961	*****	0.25	0.32	0.39	0.54	0.67	0.78	0.88	0.88	0.88	3.73
1962	*****	0.20	0.24	0.26	0.30	0.53	0.64	1.06	1.24	1.85	13.65
1963	*****	0.22	0.31	0.31	0.39	0.75	0.94	1.15	1.33	2.30	6.85
1964	*****	0.24	0.28	0.46	0.50	0.79	1.15	1.81	2.53	2.57	7.99
1965	*****	0.31	0.41	0.49	0.57	0.73	1.16	1.34	1.50	2.68	10.83
1966	*****	0.31	0.35	0.41	0.50	0.60	0.70	0.75	1.30	2.18	13.04
1967	*****	0.14	0.20	0.25	0.39	0.52	0.65	1.22	2.04	2.06	14.81
1968	*****	0.22	0.26	0.32	0.55	0.80	0.99	1.12	1.60	1.70	7.96
1969	*****	0.34	0.36	0.42	0.45	0.75	0.90	1.55	2.37	2.80	19.73
1970	*****	0.32	0.40	0.50	0.62	0.76	0.85	1.12	1.44	1.70	6.79
1971	*****	0.22	0.26	0.36	0.47	0.73	0.99	1.17	1.20	2.00	8.07
1972	*****	0.15	0.17	0.20	0.27	0.39	0.57	0.83	1.20	1.20	4.51
1973	*****	0.25	0.35	0.45	0.58	0.75	0.83	1.25	1.35	1.59	14.74
1974	*****	0.18	0.21	0.31	0.46	0.63	0.84	1.11	1.25	1.46	9.12
1975	*****	0.22	0.26	0.48	0.73	1.15	1.47	1.75	2.26	2.26	11.61

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. HSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 2060 1	COSTA MESA 165	55	11	068	10W	B	S	33.669	117.893	ORANGE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.21	0.26	0.33	0.44	0.64	0.80	1.05	1.38	1.69	9.73
5	0.0	0.32	0.39	0.50	0.66	0.97	1.22	1.60	2.10	2.57	13.66
10	0.0	0.39	0.48	0.61	0.82	1.19	1.50	1.97	2.58	3.17	16.14
20	0.0	0.46	0.56	0.72	0.96	1.41	1.77	2.32	3.05	3.73	18.38
25	0.0	0.48	0.59	0.76	1.01	1.47	1.85	2.43	3.19	3.91	19.07
40	0.0	0.53	0.65	0.83	1.10	1.61	2.03	2.66	3.50	4.28	20.48
50	0.0	0.55	0.67	0.86	1.15	1.68	2.11	2.77	3.64	4.46	21.14
100	0.0	0.61	0.75	0.97	1.29	1.88	2.36	3.10	4.07	4.99	23.12
200	0.0	0.68	0.83	1.07	1.42	2.08	2.61	3.42	4.50	5.51	25.03
1000	0.0	0.83	1.01	1.30	1.73	2.53	3.17	4.16	5.48	6.71	29.29
10000	0.0	1.03	1.26	1.62	2.16	3.16	3.96	5.20	6.84	8.38	35.07
PMP	0.0	1.97	2.42	3.11	4.13	6.05	7.59	9.95	13.09	16.04	75.05
MEAN	0.0	0.235	0.287	0.369	0.492	0.719	0.902	1.188	1.557	1.907	10.366
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.277	0.168	-0.263	0.090	0.489	0.831	0.906	0.968	0.124	0.818
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.000	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.544 ; INTERCEPT (TIME=1 HOUR) =0.523 ; COEFFICIENT OF DETERMINATION = 0.996
LNR INTERCEPT / MEAN YR =0.05046 ; AVERAGE CALC CV / USED CV = 0.50

KURTOSIS		0.0	2.769	2.492	2.081	3.196	4.948	4.693	0.194	3.336	2.510	3.537
N	0		19	19	19	19	19	19	19	19	19	19
RECORD YEAR	0		1969	1965	1970	1975	1975	1975	1960	1960	1967	1958
RECORD MAXIMUM		0.0	0.340	0.410	0.500	0.730	1.150	1.470	1.810	2.530	2.860	20.830
NORMILIZED MAX		0.0	1.831	1.744	1.316	1.072	2.579	2.638	2.257	2.137	1.654	2.194
CALC. COEF. VAR		0.0	0.245	0.245	0.260	0.259	0.232	0.234	0.234	0.292	0.302	0.460
REGN. COEF. VAR		0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR		0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A		0.0	0.0226	0.0277	0.0356	0.0474	0.0694	0.0870	0.1142	0.1502	0.1839	1.0000
RP10/A		0.0	0.0376	0.0460	0.0592	0.0787	0.1151	0.1445	0.1896	0.2493	0.3054	1.5570
RP25/A		0.0	0.0464	0.0569	0.0731	0.0973	0.1423	0.1785	0.2342	0.3080	0.3773	1.8397
RP50/A		0.0	0.0529	0.0648	0.0833	0.1108	0.1620	0.2033	0.2666	0.3509	0.4298	2.0392
RP100/A		0.0	0.0592	0.0725	0.0932	0.1241	0.1814	0.2277	0.2987	0.3929	0.4812	2.2303
RP1000/A		0.0	0.0796	0.0975	0.1250	0.1668	0.2439	0.3061	0.4016	0.5282	0.6469	2.6254
RP10000/A		0.0	0.0995	0.1218	0.1565	0.2083	0.3046	0.3822	0.5015	0.6596	0.8079	3.3833
PMP/A		0.0	0.1908	0.2331	0.2997	0.3988	0.5833	0.7319	0.9603	1.2630	1.5470	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BHM	LATITUDE	LONGITUDE	COUNTY
Y01 2775 0	EL MODENA - 132	455	24	048	09W	L	5	33.800	117.777	ORANGE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1939	*****	*****	0.42	0.83	1.43	1.97	2.07	2.53	3.00	3.80	******
1940	*****	*****	0.25	0.42	0.55	0.69	0.82	1.35	2.25	2.37	******
1941	*****	*****	0.40	0.49	0.75	1.20	1.54	2.23	2.56	3.36	34.86
1942	*****	*****	0.35	0.46	0.58	0.75	0.92	1.00	1.61	2.19	12.89
1943	*****	*****	0.23	0.45	0.62	1.12	1.42	2.50	3.62	6.40	21.05
1944	*****	*****	0.28	0.52	0.91	1.79	2.32	2.89	3.07	4.00	18.81
1945	*****	*****	0.31	0.47	0.55	0.79	0.88	0.92	0.94	1.71	14.79
1946	*****	*****	0.18	0.27	0.49	0.82	1.07	1.49	2.35	3.56	12.02
1947	*****	*****	0.40	0.70	0.85	0.94	0.94	1.47	1.53	2.52	13.37
1948	*****	*****	0.23	0.35	0.57	0.82	0.90	1.11	1.38	1.57	7.95
1949	*****	*****	0.23	0.31	0.38	0.61	0.70	0.80	0.84	1.00	8.59
1950	*****	*****	0.41	0.57	0.77	0.97	1.09	1.38	1.69	2.09	10.91
1951	*****	*****	0.45	0.65	1.13	1.38	1.46	1.74	1.77	1.77	8.70
1952	*****	*****	0.48	0.77	1.10	1.51	1.74	2.19	2.49	3.17	25.83
1953	*****	*****	0.45	0.64	0.81	0.93	0.96	1.01	1.29	1.82	10.99
1954	*****	*****	0.26	0.30	0.44	0.79	1.06	1.76	2.22	2.27	12.83
1955	*****	*****	0.30	0.50	0.66	0.70	0.81	1.04	1.60	1.60	11.91
1956	*****	*****	0.17	0.31	0.50	0.76	0.99	1.46	2.85	5.17	13.19
1957	*****	*****	0.11	0.15	0.24	0.45	0.53	0.92	1.21	1.21	9.27
1958	*****	*****	0.29	0.41	0.51	0.65	0.79	1.44	2.07	2.53	25.33
1959	*****	*****	0.59	0.85	0.92	0.96	1.11	1.61	1.92	1.92	6.61
1960	*****	*****	0.24	0.34	0.46	0.84	0.74	1.07	1.17	1.17	8.28
1961	*****	*****	0.18	0.29	0.35	0.53	0.59	0.81	0.83	0.83	4.10
1962	*****	*****	0.15	0.23	0.39	0.69	0.93	1.70	2.05	2.05	13.72
1963	*****	*****	0.19	0.35	0.43	0.60	0.80	1.46	1.88	3.03	7.66
1964	*****	*****	0.31	0.50	0.71	0.96	1.25	2.17	2.81	2.83	11.27
1965	*****	*****	0.22	0.30	0.41	0.63	0.86	1.05	1.05	1.05	10.28
1966	*****	*****	0.30	0.33	0.45	0.63	0.85	1.23	2.01	3.00	14.91
1967	*****	*****	0.29	0.42	0.64	0.95	1.17	1.52	2.32	2.94	19.52
1968	*****	*****	0.46	0.54	0.61	0.67	0.90	1.26	1.67	2.04	7.49
1969	*****	*****	0.29	0.43	0.65	0.91	1.21	1.90	3.04	3.78	23.71
1970	*****	*****	0.27	0.37	0.70	0.95	1.09	1.40	2.14	2.36	10.73
1971	*****	*****	0.23	0.30	0.41	0.65	0.90	1.13	1.23	2.26	8.74
1972	*****	*****	0.20	0.34	0.51	0.72	0.92	1.43	2.02	2.11	******
1974	*****	*****	*****	*****	0.78	1.13	1.45	2.01	2.81	2.96	14.46

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BHM	LATITUDE	LONGITUDE	COUNTY
Y01 2775 0	EL MODENA - 132	455	24	048	09W	L	5	33.800	117.777	ORANGE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.26	0.40	0.57	0.79	0.96	1.34	1.76	2.24	12.73
5	0.0	0.0	0.40	0.61	0.86	1.20	1.46	2.03	2.71	3.40	17.90
10	0.0	0.0	0.49	0.75	1.06	1.48	1.79	2.50	3.33	4.19	21.12
20	0.0	0.0	0.58	0.88	1.24	1.75	2.11	2.95	3.93	4.96	24.05
25	0.0	0.0	0.61	0.93	1.30	1.83	2.21	3.09	4.12	5.17	24.95
40	0.0	0.0	0.67	1.01	1.43	2.01	2.42	3.39	4.51	5.66	26.80
50	0.0	0.0	0.69	1.06	1.49	2.09	2.52	3.52	4.69	5.89	27.66
100	0.0	0.0	0.78	1.18	1.66	2.34	2.82	3.94	5.25	6.60	30.25
200	0.0	0.0	0.86	1.31	1.84	2.58	3.12	4.36	5.81	7.29	32.76
1000	0.0	0.0	1.04	1.59	2.24	3.14	3.80	5.30	7.06	8.87	38.33
10000	0.0	0.0	1.30	1.98	2.79	3.92	4.74	6.62	8.82	11.08	45.89
PMP	0.0	0.0	2.50	3.80	5.35	7.51	9.08	12.68	16.89	21.21	98.21
MEAN	0.0	0.0	0.297	0.452	0.636	0.893	1.079	1.506	2.008	2.522	13.563
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.685	0.910	1.242	1.661	1.566	0.774	0.265	1.237	1.478
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.486 ; INTERCEPT (TIME=1 HOUR) =0.625 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.04608 ; AVERAGE CALC CV / USED CV = 0.77

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	3.316	3.417	5.146	6.003	5.873	3.416	2.653	5.050	5.560
N	0	0	34	34	35	35	35	35	35	35	32
RECORD YEAR	0	0	1959	1951	1939	1939	1944	1944	1943	1943	1941
RECORD MAXIMUM	0.0	0.0	0.590	0.850	1.430	1.970	2.320	2.890	3.620	6.400	34.860
NORMILIZED MAX	0.0	0.0	2.692	2.210	3.201	3.182	3.210	2.605	2.129	3.292	3.227
CALC. COEF. VAR	0.0	0.0	0.366	0.389	0.390	0.379	0.358	0.352	0.377	0.467	0.487
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0219	0.0333	0.0469	0.0658	0.0796	0.1112	0.1480	0.1859	1.0000
RP10/A	0.0	0.0	0.0364	0.0553	0.0778	0.1093	0.1321	0.1846	0.2456	0.3087	1.5570
RP25/A	0.0	0.0	0.0449	0.0683	0.0962	0.1350	0.1632	0.2280	0.3036	0.3813	1.8397
RP50/A	0.0	0.0	0.0512	0.0778	0.1096	0.1538	0.1859	0.2598	0.3459	0.4344	2.0342
RP100/A	0.0	0.0	0.0573	0.0871	0.1227	0.1722	0.2082	0.2908	0.3873	0.4863	2.2303
RP1000/A	0.0	0.0	0.0770	0.1171	0.1649	0.2316	0.2799	0.3910	0.5206	0.6538	2.0254
RP10000/A	0.0	0.0	0.0962	0.1463	0.2059	0.2892	0.3495	0.4883	0.6502	0.8165	3.3833
PMP/A	0.0	0.0	0.1842	0.2801	0.3943	0.5537	0.6692	0.9349	1.2449	1.5634	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. ASN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 2821 15	EL TORO AUTOMATIC 176	455	26	06S	08W	D	S	33.628	117.690	ORANGE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1958	*****	0.22	0.27	0.37	0.52	0.75	0.90	1.25	1.80	1.95	25.77
1959	*****	0.30	0.45	0.57	0.70	0.90	1.15	1.60	1.69	1.69	7.33
1960	*****	0.13	0.17	0.33	0.60	0.97	1.12	1.48	1.60	1.60	10.27
1961	*****	0.33	0.40	0.51	0.54	0.77	0.78	0.78	0.88	0.96	4.66
1962	*****	0.21	0.26	0.34	0.45	0.71	0.95	1.65	2.02	2.18	15.44
1963	*****	0.20	0.28	0.35	0.66	0.77	0.92	1.37	1.85	3.54	7.79
1964	*****	0.28	0.35	0.54	0.66	1.40	1.82	2.28	2.64	3.00	9.86
1965	*****	0.25	0.29	0.30	0.35	0.47	0.61	0.75	0.98	1.75	11.08
1966	*****	0.15	0.22	0.35	0.47	0.76	0.92	1.74	2.22	3.25	15.84
1967	*****	0.22	0.27	0.37	0.48	0.77	1.00	1.51	2.20	2.85	16.71
1968	*****	0.24	0.27	0.35	0.54	0.72	0.85	1.04	1.75	2.08	9.84
1969	*****	0.55	0.60	0.72	1.17	1.40	1.50	2.22	3.55	4.38	26.37
1970	*****	0.18	0.26	0.40	0.66	0.62	0.95	1.20	1.80	1.95	9.67
1971	*****	0.27	0.29	0.32	0.45	0.70	0.87	1.32	1.55	2.10	9.63
1972	*****	0.22	0.24	0.27	0.40	0.58	0.79	0.95	1.26	1.66	8.36
1973	*****	0.26	0.36	0.42	0.57	0.87	1.02	1.40	1.58	1.76	18.92
1974	*****	0.16	0.20	0.27	0.32	0.52	0.75	1.05	1.25	1.65	11.26
1975	*****	0.19	0.21	0.40	0.62	0.89	1.18	1.55	2.20	2.21	12.96

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 2821 15	EL TORO AUTOMATIC 176	455	26	06S	08W	D	S	33.628	117.690	ORANGE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.22	0.27	0.35	0.51	0.73	0.89	1.24	1.64	2.01	12.08
5	0.0	0.33	0.40	0.54	0.78	1.11	1.35	1.88	2.49	3.05	16.99
10	0.0	0.40	0.50	0.66	0.96	1.36	1.67	2.32	3.06	3.76	20.05
20	0.0	0.47	0.59	0.78	1.13	1.61	1.97	2.73	3.61	4.43	22.83
25	0.0	0.50	0.61	0.82	1.18	1.68	2.06	2.86	3.79	4.64	23.69
40	0.0	0.54	0.67	0.90	1.29	1.84	2.26	3.14	4.14	5.08	25.44
50	0.0	0.57	0.70	0.93	1.34	1.92	2.35	3.26	4.31	5.29	26.26
100	0.0	0.63	0.78	1.04	1.51	2.15	2.63	3.65	4.83	5.92	28.72
200	0.0	0.70	0.87	1.15	1.66	2.37	2.90	4.04	5.34	6.55	31.09
1000	0.0	0.85	1.05	1.40	2.02	2.89	3.53	4.91	6.49	7.96	36.38
10000	0.0	1.06	1.32	1.75	2.53	3.60	4.41	6.13	8.11	9.95	43.56
PMP	0.0	2.04	2.52	3.35	4.84	6.90	8.45	11.75	15.52	19.04	93.22
MEAN	0.0	0.242	0.299	0.399	0.576	0.821	1.004	1.397	1.846	2.264	12.876
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	2.205	1.647	1.485	1.658	1.346	1.645	0.548	1.033	1.119	1.173
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.509 ; INTERCEPT (TIME=1 HOUR) =0.580 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.04505 ; AVERAGE CALC CV / USED CV = 0.66

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	9.916	6.579	5.478	7.149	5.459	6.622	3.684	5.335	4.566	4.270
N	0	18	18	18	18	18	18	18	18	18	18
RECORD YEAR	0	1969	1969	1969	1969	1964	1964	1969	1969	1969	1969
RECORD MAXIMUM	0.0	0.550	0.600	0.720	1.170	1.400	1.820	2.260	3.550	4.380	26.370
NORMILIZED MAX	0.0	3.309	2.920	2.752	2.992	2.352	2.877	2.090	2.670	2.542	2.251
CALC. COEF. VAR	0.0	0.384	0.344	0.292	0.345	0.300	0.282	0.303	0.346	0.367	0.466
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0188	0.0233	0.0310	0.0447	0.0637	0.0780	0.1085	0.1433	0.1759	1.0000
RP10/A	0.0	0.0312	0.0386	0.0514	0.0742	0.1058	0.1295	0.1801	0.2360	0.2920	1.5570
RP25/A	0.0	0.0386	0.0477	0.0635	0.0917	0.1307	0.1600	0.2225	0.2940	0.3607	1.8397
RP50/A	0.0	0.0440	0.0543	0.0724	0.1044	0.1489	0.1823	0.2535	0.3349	0.4109	2.0392
RP100/A	0.0	0.0492	0.0608	0.0810	0.1169	0.1667	0.2041	0.2838	0.3750	0.4601	2.2303
RP1000/A	0.0	0.0662	0.0818	0.1090	0.1572	0.2241	0.2744	0.3815	0.5041	0.6165	2.8254
RP10000/A	0.0	0.0826	0.1021	0.1361	0.1963	0.2799	0.3426	0.4764	0.6296	0.7724	3.3833
PMP/A	0.0	0.1582	0.1956	0.2605	0.3759	0.5360	0.6561	0.9123	1.2055	1.4791	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 4173 21	HUNTINGTON BEACH 135	75	02	003	11W	F	S	33.600	118.000	ORANGE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1959	*****	0.21	0.26	0.29	0.35	0.45	0.59	0.73	0.96	1.10	5.13
1960	*****	0.18	0.19	0.21	0.45	0.84	0.85	1.26	1.55	1.55	8.96
1961	*****	0.20	0.23	0.26	0.34	0.50	0.52	0.56	0.56	0.71	3.43
1962	*****	0.20	0.24	0.34	0.45	0.76	0.86	1.14	1.65	2.15	15.63
1963	*****	0.19	0.23	0.28	0.46	0.73	0.76	1.24	1.70	2.77	9.41
1964	*****	0.27	0.32	0.43	0.59	0.83	1.06	1.40	2.13	2.25	6.64
1965	*****	0.22	0.28	0.39	0.48	0.74	0.78	0.99	1.29	2.12	11.16
1966	*****	0.35	0.41	0.47	0.55	0.62	0.65	0.70	1.11	1.75	18.09
1967	*****	0.22	0.26	0.31	0.38	0.50	0.61	1.05	1.50	2.17	12.15
1968	*****	0.25	0.36	0.39	0.49	0.85	1.10	1.50	1.90	2.12	8.85
1969	*****	0.30	0.45	0.55	0.80	0.68	0.80	1.18	1.65	2.10	16.68
1970	*****	0.40	0.56	0.86	1.05	1.15	1.15	1.15	1.40	1.58	7.92
1971	*****	0.27	0.30	0.35	0.44	0.65	0.90	1.07	1.40	2.14	8.16
1972	*****	0.45	0.65	0.95	1.10	1.20	1.32	1.55	1.58	1.60	5.89
1973	*****	0.25	0.28	0.38	0.41	0.66	0.83	1.24	1.55	1.65	13.51
1974	*****	0.19	0.21	0.29	0.52	0.69	1.13	1.36	1.40	1.74	11.09
1975	*****	0.45	0.60	1.05	1.44	1.93	2.32	2.82	3.16	3.16	12.40

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 4173 21	HUNTINGTON BEACH 135	75	02	003	11W	F	S	33.600	118.000	ORANGE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.28	0.30	0.41	0.53	0.73	0.85	1.09	1.38	1.71	9.44
5	0.0	0.36	0.46	0.62	0.80	1.11	1.29	1.66	2.10	2.59	13.28
10	0.0	0.45	0.57	0.76	0.98	1.37	1.59	2.05	2.59	3.18	15.47
20	0.0	0.53	0.67	0.90	1.16	1.61	1.87	2.41	3.05	3.76	17.85
25	0.0	0.55	0.70	0.94	1.22	1.69	1.96	2.53	3.20	3.94	18.52
40	0.0	0.61	0.77	1.03	1.33	1.85	2.14	2.77	3.50	4.31	19.89
50	0.0	0.63	0.80	1.07	1.39	1.92	2.23	2.88	3.64	4.48	20.52
100	0.0	0.71	0.90	1.20	1.55	2.15	2.50	3.22	4.08	5.02	22.45
200	0.0	0.78	0.99	1.33	1.71	2.38	2.76	3.56	4.50	5.55	24.30
1000	0.0	0.95	1.21	1.61	2.09	2.89	3.36	4.33	5.48	6.75	28.44
10000	0.0	1.19	1.51	2.02	2.60	3.61	4.19	5.41	6.84	8.43	34.05
PMP	0.0	2.28	2.88	3.86	4.99	6.92	8.03	10.34	13.10	16.14	72.87
MEAN	0.0	0.271	0.343	0.459	0.593	0.822	0.955	1.232	1.558	1.919	10.065
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	1.100	1.127	1.526	1.886	2.151	2.359	2.066	1.317	0.054	0.063
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.571 ; INTERCEPT (TIME=1 HOUR) =0.604 ; COEFFICIENT OF DETERMINATION = 0.999
IMR INTERCEPT / MEAN YR =0.05997 ; AVERAGE CALC CV / USED CV = 0.90

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.	3.064	3.556	0.599	6.190	9.015	10.311	9.934	7.674	4.363	2.700
N	0	17	17	17	17	17	17	17	17	17	17
RECORD YEAR	0	1972	1972	1975	1975	1975	1975	1975	1975	1975	1969
RECORD MAXIMUM	0.0	0.450	0.650	1.050	1.440	1.930	2.320	2.820	3.100	3.160	18.688
NORMILIZED MAX	0.0	1.997	2.155	2.347	2.760	3.100	3.285	3.232	2.939	2.157	1.769
CALC. COEF. VAR	0.0	0.332	0.416	0.540	0.518	0.426	0.435	0.399	0.350	0.300	0.372
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0269	0.0341	0.0456	0.0589	0.0817	0.0949	0.1224	0.1548	0.1906	1.0000
RP10/A	0.0	0.0446	0.0566	0.0757	0.0978	0.1357	0.1575	0.2032	0.2571	0.3165	1.5570
RP25/A	0.0	0.0551	0.0699	0.0935	0.1208	0.1676	0.1946	0.2510	0.3176	0.3910	1.8397
RP50/A	0.0	0.0628	0.0796	0.1065	0.1377	0.1909	0.2216	0.2860	0.3617	0.4455	2.0392
RP100/A	0.0	0.0703	0.0891	0.1193	0.1541	0.2137	0.2481	0.3202	0.4050	0.4987	2.2303
RP1000/A	0.0	0.0946	0.1198	0.1603	0.2072	0.2874	0.3336	0.4304	0.5445	0.6705	2.8254
RP10000/A	0.0	0.1181	0.1497	0.2002	0.2588	0.3589	0.4166	0.5375	0.6800	0.8373	3.3833
PMP/A	0.0	0.2261	0.2866	0.3834	0.4955	0.6872	0.7977	1.0293	1.3020	1.6034	7.2400

. PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
83N ORDER SUB Y01 4300 15	IRVINE EVAPORATION	125	200	12	05S	10W	J S	33.683	117.769	ORANGE

M=MINUTES, H=HOURS, D=DAYS, C YR=CALENDAR YEAR, W YR=WATER YEAR, F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1937	*****	0.33	0.36	0.45	0.77	1.30	1.80	2.01	2.37	2.70	******
1938	*****	0.22	0.27	0.40	0.53	0.67	0.90	1.32	2.49	3.65	16.28
1939	*****	0.37	0.44	0.54	0.60	0.90	1.08	1.16	1.25	1.63	12.47
1940	* ***	0.37	0.42	0.59	0.70	0.80	0.85	0.95	1.01	1.27	16.10
1941	*****	0.25	0.31	0.38	0.65	0.89	1.20	1.61	2.03	2.55	27.21
1942	*****	0.27	0.36	0.37	0.46	0.75	0.81	0.86	1.04	1.16	13.38
1943	*****	0.37	0.42	0.63	0.68	0.98	1.01	1.05	2.65	4.62	17.57
1944	*****	0.27	0.38	0.52	0.82	1.14	1.48	1.77	1.80	2.54	16.78
1945	*****	0.29	0.29	0.35	0.56	0.66	0.68	0.80	1.22	1.58	12.21
1946	*****	0.33	0.44	0.55	0.82	1.41	2.02	2.13	2.59	4.20	10.46
1947	*****	0.32	0.40	0.53	0.53	0.56	0.62	0.89	1.10	2.00	11.38
1948	*****	0.16	0.16	0.17	0.27	0.36	0.46	0.56	0.97	1.18	7.40
1949	*****	0.14	0.24	0.37	0.38	0.42	0.51	0.60	0.64	0.66	7.18
1950	*****	0.26	0.32	0.46	0.66	0.73	0.84	0.98	1.09	1.12	8.28
1951	*****	0.10	0.18	0.26	0.44	0.57	0.57	0.78	0.83	0.89	5.66
1952	*****	0.25	0.31	0.57	0.80	1.00	1.13	1.70	2.00	2.88	23.62
1953	*****	0.51	0.54	0.65	0.76	0.78	0.79	0.86	0.86	1.31	8.74
1954	*****	0.24	0.31	0.47	0.64	0.75	0.95	1.47	1.84	2.05	11.41
1955	*****	0.16	0.19	0.32	0.50	0.62	0.67	1.23	1.38	1.70	9.93
1956	*****	0.17	0.24	0.37	0.51	0.77	0.99	1.98	2.65	4.19	11.03
1957	*****	0.32	0.42	0.47	0.53	0.57	0.66	0.89	1.08	1.12	9.43
1958	*****	0.40	0.41	0.46	0.51	0.60	0.72	1.26	1.57	2.01	22.23
1959	*****	0.16	0.18	0.32	0.42	0.71	0.91	1.26	1.71	1.71	6.15
1960	*****	0.12	0.17	0.31	0.52	0.74	0.93	1.25	1.52	1.52	8.89
1961	*****	0.43	0.54	0.76	0.95	1.36	1.36	1.36	1.50	1.53	4.07
1962	*****	0.16	0.18	0.26	0.40	0.63	0.89	1.12	1.63	1.63	13.35
1963	*****	0.25	0.26	0.26	0.37	0.56	0.82	1.33	1.74	2.38	6.08
1964	*****	0.21	0.31	0.48	0.80	1.39	1.79	2.19	2.97	2.97	10.41
1965	*****	0.22	0.27	0.46	0.75	1.01	1.02	1.14	1.38	2.07	10.19
1966	*****	0.16	0.18	0.24	0.45	0.64	0.85	1.13	1.70	2.68	14.31
1967	*****	0.21	0.29	0.39	0.56	0.90	1.24	2.03	2.20	2.20	14.49
1968	*****	0.40	0.48	0.55	0.67	0.93	1.11	1.22	1.22	1.67	9.42
1969	*****	0.26	0.35	0.57	1.05	1.45	1.85	2.56	3.54	4.84	23.75
1970	*****	0.21	0.29	0.44	0.63	0.82	1.12	1.30	1.95	2.06	8.19
1971	*****	0.15	0.21	0.32	0.38	0.61	0.88	1.16	1.60	1.77	9.29
1972	*****	0.34	0.50	0.74	0.95	1.04	1.06	1.12	1.17	1.32	7.14
1973	*****	0.25	0.37	0.50	0.63	0.74	0.87	1.03	1.23	1.50	16.35
1975	*****	0.25	0.28	0.48	0.74	1.06	1.30	1.63	2.18	2.21	12.22

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
83N ORDER SUB Y01 4300 15	IRVINE EVAPORATION	125	200	12	05S	10W	J S	33.683	117.769	ORANGE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PE 100 IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.23	0.29	0.40	0.55	0.74	0.90	1.16	1.50	1.90	11.52
5	0.0	0.35	0.44	0.60	0.83	1.13	1.37	1.76	2.28	2.88	16.21
10	0.0	0.43	0.54	0.74	1.03	1.39	1.69	2.17	2.81	3.54	19.12
20	0.0	0.51	0.63	0.87	1.21	1.64	1.99	2.56	3.31	4.18	21.78
25	0.0	0.53	0.66	0.91	1.27	1.72	2.09	2.68	3.47	4.38	22.59
40	0.0	0.58	0.73	1.00	1.39	1.88	2.28	2.94	3.80	4.79	24.27
50	0.0	0.61	0.76	1.04	1.48	1.96	2.38	3.06	3.95	4.99	25.04
100	0.0	0.68	0.85	1.17	1.62	2.19	2.66	3.42	4.43	5.58	27.39
200	0.0	0.75	0.94	1.29	1.79	2.42	2.94	3.78	4.89	6.17	29.66
1000	0.0	0.91	1.18	1.57	2.17	2.94	3.58	4.60	5.95	7.50	34.70
10000	0.0	1.14	1.42	1.96	2.72	3.68	4.47	5.74	7.43	9.37	41.55
PMP	0.0	2.19	2.72	3.75	5.20	7.04	8.56	11.00	14.23	17.95	88.91
MEAN	0.0	0.260	0.323	0.446	0.618	0.837	1.017	1.308	1.692	2.134	12.281
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.520	0.282	0.252	0.409	0.747	1.130	0.832	0.760	1.201	1.086
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.533 ; INTERCEPT (TIME=1 HOUR) =0.611 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.04977 ; AVERAGE CALC CV / USED CV = 0.67

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	3.081	2.506	3.057	2.874	3.126	4.161	3.459	3.267	4.111	4.060
N	0	38	38	38	38	38	38	38	38	38	37
RECORD YEAR	0	1953	1953	1961	1969	1969	1946	1969	1969	1969	1941
RECORD MAXIMUM	0.0	0.510	0.540	0.760	1.050	1.450	2.020	2.560	3.540	4.840	27.210
NORMALIZED MAX	0.0	2.636	2.041	2.308	2.357	2.211	2.693	2.693	2.744	2.636	2.771
CALC. COEF. VAR	0.0	0.365	0.328	0.305	0.296	0.331	0.366	0.356	0.398	0.481	0.439
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0212	0.0263	0.0363	0.0503	0.0682	0.0828	0.1065	0.1378	0.1738	1.0000
RP10/A	0.0	0.0352	0.0437	0.0603	0.0836	0.1132	0.1375	0.1768	0.2288	0.2885	1.5570
RP25/A	0.0	0.0434	0.0540	0.0745	0.1032	0.1398	0.1699	0.2184	0.2826	0.3564	1.8397
RP50/A	0.0	0.0495	0.0615	0.0848	0.1176	0.1593	0.1936	0.2488	0.3219	0.4060	2.0392
RP100/A	0.0	0.0554	0.0689	0.0950	0.1317	0.1784	0.2167	0.2785	0.3604	0.4546	2.2303
RP1000/A	0.0	0.0745	0.0926	0.1277	0.1770	0.2398	0.2913	0.3745	0.4846	0.6111	2.8254
RP10000/A	0.0	0.0930	0.1157	0.1594	0.2211	0.2995	0.3638	0.4677	0.6052	0.7632	3.3833
PMP/A	0.0	0.1760	0.2215	0.3053	0.4233	0.5734	0.6967	0.8955	1.1587	1.4613	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
HSN ORDER SUB										
Y01 4729 0	LAMBERT RESERVOIR 146	470	34	059	08W	F	S	33.694	117.711	ORANGE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YN=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1947	*****	0.10	0.20	0.27	0.33	0.50	0.58	0.87	1.36	2.03	10.99
1948	*****	0.20	0.25	0.37	0.48	0.65	0.85	0.85	1.00	1.40	6.42
1949	*****	0.14	0.18	0.21	0.35	0.39	0.40	0.64	0.67	0.96	8.09
1950	*****	0.25	0.32	0.40	0.64	0.77	0.80	1.06	1.20	1.20	8.53
1951	*****	0.36	0.51	0.66	1.00	1.18	1.19	1.20	1.24	1.54	7.26
1952	*****	0.21	0.26	0.47	0.71	1.10	1.21	1.60	2.32	2.66	23.25
1953	*****	0.36	0.38	0.51	0.58	0.65	0.75	0.66	0.90	1.34	9.19
1954	*****	0.18	0.26	0.42	0.55	0.76	1.01	1.53	1.69	2.12	11.00
1955	*****	0.18	0.25	0.29	0.52	0.72	0.72	0.96	1.07	1.24	10.51
1956	*****	0.16	0.22	0.35	0.54	0.83	1.04	2.03	3.63	5.57	12.61
1957	*****	0.15	0.21	0.28	0.41	0.55	0.55	1.03	1.26	1.30	10.37
1958	*****	0.25	0.30	0.34	0.42	0.59	0.71	1.23	1.88	2.39	23.06
1959	*****	0.21	0.22	0.32	0.47	0.58	0.84	1.29	1.57	1.57	6.52
1960	*****	0.20	0.27	0.37	0.50	0.80	0.96	1.33	1.47	1.47	10.55
1961	*****	0.20	0.27	0.37	0.50	0.80	0.96	1.33	1.47	1.47	10.55
1962	*****	0.17	0.23	0.39	0.43	0.55	0.70	1.01	1.44	1.87	14.79
1963	*****	0.18	0.19	0.25	0.34	0.40	0.80	1.23	1.77	2.26	6.68
1964	*****	0.25	0.28	0.40	0.76	1.32	1.07	2.22	2.93	2.95	11.90
1965	*****	0.21	0.28	0.46	0.56	0.68	0.73	0.91	1.11	1.78	10.02
1966	*****	0.19	0.23	0.26	0.42	0.60	0.66	1.17	1.85	2.76	13.37
1967	*****	0.27	0.28	0.35	0.66	0.85	1.10	1.54	1.96	2.52	15.19
1968	*****	0.35	0.50	0.52	0.56	0.72	0.84	0.94	1.39	1.76	8.80
1969	*****	0.29	0.42	0.59	0.76	1.33	1.84	2.58	3.30	4.10	22.05
1970	*****	0.15	0.21	0.36	0.56	0.77	0.92	1.20	1.80	1.97	9.07
1971	*****	0.25	0.29	0.35	0.48	0.66	0.82	1.16	1.26	1.95	7.83
1972	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	6.60
1973	*****	0.20	0.25	0.31	0.51	0.73	0.66	1.10	1.38	1.45	16.42
1974	*****	0.15	0.15	0.17	0.28	0.49	0.64	0.95	1.05	1.45	10.19
1975	*****	0.25	0.34	0.58	0.92	1.27	1.50	1.76	1.85	2.39	12.84

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
HSN ORDER SUB										
Y01 4729 0	LAMBERT RESERVOIR 146	470	34	059	08W	F	S	33.694	117.711	ORANGE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.19	0.25	0.34	0.49	0.68	0.82	1.13	1.44	1.83	10.89
5	0.0	0.29	0.37	0.52	0.74	1.03	1.25	1.72	2.19	2.77	15.31
10	0.0	0.36	0.46	0.64	0.91	1.27	1.54	2.11	2.69	3.41	18.06
20	0.0	0.43	0.54	0.75	1.07	1.50	1.81	2.49	3.17	4.02	20.57
25	0.0	0.45	0.57	0.79	1.13	1.57	1.90	2.61	3.32	4.21	21.34
40	0.0	0.49	0.62	0.86	1.23	1.72	2.08	2.86	3.64	4.61	22.93
50	0.0	0.51	0.65	0.90	1.28	1.79	2.16	2.98	3.79	4.80	23.66
100	0.0	0.57	0.72	1.00	1.44	2.00	2.42	3.33	4.24	5.38	25.87
200	0.0	0.63	0.80	1.11	1.59	2.21	2.68	3.68	4.69	5.94	28.02
1000	0.0	0.77	0.97	1.35	1.93	2.69	3.26	4.48	5.70	7.23	32.70
10000	0.0	0.96	1.22	1.68	2.41	3.36	4.07	5.59	7.12	9.02	39.25
PMP	0.0	1.84	2.33	3.23	4.61	6.44	7.79	10.71	13.63	17.28	84.00
MEAN	0.0	0.219	0.277	0.384	0.549	0.766	0.926	1.278	1.621	2.055	11.602
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	1.031	1.397	0.500	0.934	1.104	1.568	1.413	1.212	2.196	1.387
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.503 ; INTERCEPT (TIME=1 HOUR) =0.542 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YN =0.04672 ; AVERAGE CALC CV / USED CV = 0.65

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	3.680	5.119	3.198	4.298	3.722	5.009	5.240	4.494	9.102	4.073
N	0	28	28	28	28	28	28	28	28	28	28
RECORD YEAR	0	1951	1951	1951	1951	1949	1944	1969	1969	1956	1952
RECORD MAXIMUM	0.0	0.360	0.516	0.660	1.000	1.330	1.870	2.580	3.300	5.570	23.250
NORMILIZED MAX	0.0	2.254	2.687	2.349	2.079	2.230	2.764	2.964	2.628	3.040	2.497
CALC. COEF. VAR	0.0	0.267	0.314	0.306	0.307	0.330	0.369	0.346	0.394	0.470	0.402
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0188	0.0239	0.0331	0.0473	0.0660	0.0798	0.1098	0.1397	0.1771	1.0000
RP10/A	0.0	0.0313	0.0396	0.0549	0.0785	0.1096	0.1325	0.1823	0.2319	0.2940	1.5570
RP25/A	0.0	0.0386	0.0489	0.0678	0.0970	0.1354	0.1637	0.2252	0.2865	0.3632	1.8397
RP50/A	0.0	0.0440	0.0557	0.0773	0.1105	0.1542	0.1865	0.2565	0.3264	0.4138	2.0392
RP100/A	0.0	0.0493	0.0624	0.0865	0.1237	0.1727	0.2088	0.2872	0.3654	0.4633	2.2303
RP1000/A	0.0	0.0663	0.0839	0.1163	0.1663	0.2321	0.2807	0.3861	0.4913	0.6228	2.0254
RP10000/A	0.0	0.0827	0.1048	0.1452	0.2077	0.2899	0.3506	0.4821	0.6136	0.7778	3.3033
PMP/A	0.0	0.1584	0.2006	0.2780	0.3977	0.5551	0.6713	0.9232	1.1748	1.4894	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. HSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 6473 0	ORANGE COUNTY RESERVOIR	660	01	039	10W		S	33.935	117.889	ORANGE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
	DURATION										
1943	0.12	0.20	0.24	0.42	0.64	1.09	1.35	2.01	3.29	5.72	24.94
1944	0.20	0.36	0.45	0.55	0.56	0.74	1.01	1.58	2.16	2.61	14.96
1945	0.19	0.26	0.27	0.39	0.55	0.76	0.93	1.19	1.80	3.11	14.16
1946	0.16	0.24	0.27	0.52	0.84	1.01	1.29	1.58	2.20	2.52	14.61
1947	0.13	0.20	0.30	0.31	0.52	0.74	0.77	1.14	1.28	1.74	4.53
1948	0.10	0.16	0.20	0.31	0.40	0.53	0.59	0.72	0.88	1.15	7.92
1949	0.03	0.05	0.07	0.14	0.26	0.39	0.42	0.81	1.46	2.06	9.09
1950	*****	*****	*****	*****	0.44	0.71	0.99	1.40	1.66	1.60	******
1951	0.09	0.11	0.15	0.27	0.54	0.90	1.14	2.18	3.18	4.19	******
1952	0.16	0.22	0.30	0.39	0.55	0.99	1.26	2.09	2.96	3.67	21.44
1953	0.09	0.15	0.19	0.26	0.40	0.54	0.71	0.79	0.90	0.92	5.16
1954	0.14	0.25	0.27	0.35	0.36	0.71	1.01	1.46	1.77	2.44	13.67
1955	0.19	0.20	0.21	0.25	0.37	0.61	0.87	1.02	1.03	1.10	9.65
1956	0.09	0.16	0.23	0.44	0.47	0.67	0.95	1.79	3.30	5.53	13.77
1957	0.15	0.20	0.26	0.43	0.47	0.66	0.71	1.08	1.36	1.38	12.43
1958	0.24	0.33	0.39	0.52	0.62	0.90	1.10	1.51	1.87	2.97	17.54
1959	0.25	0.34	0.44	0.56	0.63	0.66	0.76	1.29	1.65	2.03	7.51
1960	0.12	0.17	0.21	0.42	0.55	0.67	0.82	1.14	1.23	1.23	10.15
1961	0.09	0.14	0.21	0.41	0.50	0.56	0.66	1.02	1.36	1.84	4.64
1962	0.10	0.20	0.25	0.25	0.35	0.61	0.73	1.27	1.91	2.38	9.74
1963	0.07	0.14	0.20	0.35	0.43	0.66	0.65	1.57	2.10	3.63	11.35
1964	0.20	0.26	0.30	0.39	0.44	0.53	0.64	0.85	0.89	1.02	6.37
1965	0.09	0.12	0.22	0.25	0.40	0.52	0.69	1.10	1.84	2.80	19.09
1966	0.15	0.28	0.27	0.40	0.65	0.85	0.96	1.63	2.18	2.47	6.71
1967	0.18	0.25	0.30	0.54	0.80	1.33	1.44	1.75	1.95	2.15	16.07
1968	0.11	0.21	0.27	0.41	0.52	0.89	1.12	2.08	2.85	2.97	7.48
1969	0.23	0.36	0.54	0.73	0.87	0.89	1.02	1.58	2.24	4.16	27.01
1970	0.09	0.15	0.20	0.29	0.42	0.56	0.73	1.37	2.22	3.08	15.20
1971	0.08	0.16	0.16	0.24	0.29	0.56	0.79	1.26	1.76	1.97	9.82
1972	0.11	0.16	0.22	0.35	0.56	0.67	0.99	0.99	1.14	1.17	6.65
1973	*****	*****	*****	*****	0.48	0.79	0.93	1.43	1.67	2.10	14.31
1974	*****	*****	*****	*****	0.76	1.15	1.43	1.92	2.50	2.64	10.53

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. HSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 6473 0	ORANGE COUNTY RESERVOIR	660	01	039	10W		S	33.935	117.889	ORANGE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.18	0.23	0.34	0.47	0.67	0.82	1.24	1.68	2.25	11.72
5	0.18	0.28	0.35	0.52	0.71	1.01	1.25	1.86	2.55	3.41	16.49
10	0.23	0.34	0.43	0.64	0.87	1.25	1.54	2.31	3.14	4.20	19.45
20	0.27	0.41	0.51	0.75	1.03	1.47	1.82	2.73	3.71	4.95	22.15
25	0.28	0.43	0.54	0.79	1.06	1.54	1.90	2.86	3.88	5.19	22.98
40	0.31	0.47	0.59	0.87	1.16	1.69	2.08	3.13	4.25	5.68	24.68
50	0.32	0.48	0.61	0.90	1.23	1.75	2.17	3.25	4.42	5.91	25.47
100	0.36	0.54	0.68	1.01	1.38	1.96	2.43	3.64	4.95	6.62	27.86
200	0.39	0.60	0.76	1.11	1.52	2.17	2.68	4.03	5.47	7.31	30.16
1000	0.48	0.73	0.92	1.36	1.85	2.64	3.26	4.90	6.66	8.90	35.29
10000	0.60	0.91	1.15	1.69	2.31	3.30	4.07	6.12	8.32	11.11	42.26
PMP	1.15	1.74	2.20	3.24	4.43	6.31	7.80	11.71	15.92	21.27	90.44
MEAN	0.136	0.207	0.262	0.386	0.527	0.751	0.927	1.392	1.893	2.530	12.491
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.442	0.455	1.095	0.622	0.719	0.853	0.380	0.281	0.535	1.006	0.784
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.473 ; INTERCEPT (TIME=1 HOUR) =0.529 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.04235 ; AVERAGE CALC CV / USED CV = 0.67

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	2.733	3.372	5.224	8.033	3.164	3.646	2.968	2.540	2.934	4.156	3.586
N	29	29	29	29	32	32	32	32	32	32	30
RECORD YEAR	1959	1948	1969	1969	1969	1967	1967	1951	1956	1943	1969
RECORD MAXIMUM	0.250	0.360	0.540	0.730	0.870	1.330	1.440	2.180	3.300	5.720	27.010
NORMILIZED MAX	2.052	2.038	2.907	2.755	2.142	2.776	2.055	1.959	2.047	2.641	2.538
CALC. COEF. VAR	0.407	0.362	0.366	0.324	0.304	0.276	0.269	0.269	0.363	0.470	0.458
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0109	0.0166	0.0210	0.0309	0.0422	0.0601	0.0743	0.1115	0.1516	0.2025	1.0000
RP10/A	0.0181	0.0275	0.0348	0.0512	0.0700	0.0998	0.1233	0.1851	0.2517	0.3362	1.5570
RP25/A	0.0224	0.0340	0.0430	0.0633	0.0865	0.1233	0.1523	0.2286	0.3109	0.4154	1.0397
RP50/A	0.0255	0.0388	0.0490	0.0721	0.0986	0.1404	0.1735	0.2605	0.3542	0.4732	2.0392
RP100/A	0.0285	0.0434	0.0546	0.0807	0.1103	0.1572	0.1942	0.2916	0.3965	0.5298	2.2303
RP1000/A	0.0383	0.0583	0.0737	0.1085	0.1483	0.2113	0.2611	0.3921	0.5331	0.7122	2.8254
RP10000/A	0.0479	0.0729	0.0920	0.1356	0.1853	0.2639	0.3261	0.4896	0.6658	0.8895	3.3633
PMP/A	0.0917	0.1395	0.1762	0.2596	0.3547	0.5054	0.6245	0.9375	1.2748	1.7032	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUM	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 7888 1	SANTA ANA DCFCD 121	125						33.750	117.870	ORANGE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1933	*****	0.28	0.25	0.29	0.44	0.67	0.87	1.27	1.60	1.57	10.30
1934	*****	0.21	0.23	0.25	0.40	0.65	0.76	1.10	1.95	2.50	9.10
1935	*****	0.45	0.48	0.75	1.12	1.35	1.57	1.78	2.00	2.31	17.69
1936	*****	0.22	0.28	0.42	0.65	0.80	0.85	0.87	1.40	1.06	8.89
1937	*****	0.38	0.40	0.65	0.92	1.30	1.72	2.37	3.82	3.97	22.93
1938	*****	0.40	0.49	0.52	0.75	1.15	1.22	1.48	1.82	2.03	17.58
1939	*****	0.35	0.44	0.56	0.75	0.92	1.10	1.47	1.94	2.52	15.29
1940	*****	0.52	0.57	0.61	0.66	0.82	1.33	1.75	2.27	1.40	10.16
1941	*****	0.72	0.80	1.00	1.45	1.58	2.04	2.93	3.14	3.45	32.14
1942	*****	0.28	0.42	0.66	0.88	1.03	1.19	1.22	1.26	1.34	12.55
1943	*****	0.25	0.25	0.30	0.45	0.76	0.93	1.57	2.26	3.42	15.56
1944	*****	0.31	0.38	0.49	0.61	0.94	1.25	1.66	2.00	2.00	16.08
1945	*****	0.35	0.45	0.60	0.72	0.86	0.87	1.00	1.36	2.08	14.96
1946	*****	0.18	0.22	0.40	0.60	1.05	1.26	1.96	2.73	2.27	9.49
1947	*****	0.25	0.35	0.50	0.72	0.77	0.77	1.27	1.33	2.09	11.62
1948	*****	0.27	0.34	0.45	0.49	0.55	0.59	0.77	1.26	1.02	7.52
1949	*****	0.20	0.22	0.37	0.58	0.81	0.87	0.89	0.91	0.91	8.14
1950	*****	0.20	0.21	0.28	0.32	0.50	0.56	1.07	1.35	1.43	9.12
1951	*****	0.33	0.49	0.71	1.00	1.15	1.21	1.54	1.63	1.62	7.55
1952	*****	0.50	0.64	0.83	1.05	1.67	1.80	2.19	2.71	3.48	22.97
1953	*****	0.28	0.31	0.44	0.55	0.61	0.76	0.81	1.03	1.49	9.66
1954	*****	0.18	0.22	0.25	0.44	0.77	1.00	1.75	2.14	2.64	11.23
1955	*****	0.27	0.33	0.49	0.69	0.81	0.88	1.00	1.32	1.32	10.74
1956	*****	0.22	0.28	0.30	0.56	0.92	1.22	2.15	3.48	5.44	13.05
1957	*****	0.13	0.17	0.20	0.22	0.32	0.45	0.85	1.18	1.18	8.42
1958	*****	0.42	0.46	0.55	0.66	0.92	1.06	1.18	1.71	1.92	21.68
1959	*****	0.49	0.69	0.73	0.80	0.83	1.01	1.50	1.89	1.89	6.34
1960	*****	0.34	0.44	0.57	0.74	0.91	1.11	1.50	1.71	1.71	10.20
1961	*****	0.28	0.31	0.39	0.50	0.70	0.70	0.73	0.73	0.73	3.56
1962	*****	0.22	0.27	0.36	0.38	0.60	0.77	1.11	1.08	1.55	13.52
1963	*****	0.20	0.22	0.23	0.34	0.48	0.68	1.12	1.30	2.00	5.88
1964	*****	0.20	0.27	0.43	0.78	0.93	1.50	2.23	2.99	2.99	10.21
1965	*****	0.22	0.27	0.38	0.60	0.61	0.85	1.23	1.38	2.22	10.41
1966	*****	0.25	0.35	0.65	0.90	1.07	1.15	1.21	1.60	1.60	12.78
1967	*****	0.38	0.49	0.65	0.92	1.25	1.35	1.87	2.34	2.02	15.41
1968	*****	0.46	0.51	0.56	0.66	0.70	0.80	1.20	1.89	2.05	9.42
1969	*****	0.36	0.42	0.58	0.85	1.08	1.39	1.88	2.06	2.97	19.71
1970	*****	0.33	0.46	0.62	0.79	1.05	1.06	1.15	1.50	1.72	9.01
1971	*****	0.18	0.22	0.28	0.34	0.60	0.77	1.10	1.31	1.31	6.60
1972	*****	0.14	0.17	0.22	0.25	0.50	0.69	1.07	1.47	1.50	4.88
1973	*****	0.22	0.25	0.40	0.44	0.78	0.92	1.47	1.48	1.70	10.30
1974	*****	0.17	0.23	0.30	0.50	0.65	0.83	1.10	1.24	1.92	11.43
1975	*****	0.40	0.49	0.71	1.17	1.78	2.07	2.45	2.06	2.92	12.08

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUM	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 7888 1	SANTA ANA DCFCD 121	125						33.750	117.870	ORANGE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.27	0.32	0.43	0.59	0.79	0.95	1.28	1.64	1.85	11.81
5	0.0	0.40	0.49	0.66	0.90	1.20	1.44	1.94	2.49	2.81	16.61
10	0.0	0.50	0.61	0.81	1.11	1.47	1.77	2.39	3.07	3.45	19.59
20	0.0	0.59	0.71	0.96	1.30	1.74	2.09	2.82	3.62	4.07	22.31
25	0.0	0.61	0.75	1.00	1.37	1.82	2.18	2.95	3.79	4.27	23.18
40	0.0	0.67	0.82	1.10	1.50	1.99	2.39	3.23	4.15	4.67	24.66
50	0.0	0.70	0.85	1.14	1.56	2.08	2.49	3.36	4.31	4.86	25.65
100	0.0	0.78	0.96	1.28	1.74	2.32	2.79	3.76	4.83	5.44	28.00
200	0.0	0.87	1.06	1.41	1.93	2.57	3.08	4.16	5.34	6.01	30.38
1000	0.0	1.05	1.28	1.72	2.30	3.12	3.75	5.06	6.49	7.32	35.55
10000	0.0	1.31	1.60	2.14	2.93	3.90	4.68	6.32	8.11	9.14	42.56
PMP	0.0	2.52	3.07	4.11	5.61	7.47	8.96	12.09	15.53	17.50	91.08
MEAN	0.0	0.299	0.365	0.488	0.667	0.888	1.065	1.438	1.847	2.080	12.580
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	1.265	0.909	0.812	0.690	0.942	0.990	0.938	0.957	1.510	1.207
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.584 ; INTERCEPT (TIME=1 HOUR) =0.661 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.05253 ; AVERAGE CALC CV / USED CV = 0.77

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	5.251	3.765	3.587	3.874	4.082	3.903	3.657	3.676	6.508	5.010
N	0	43	43	43	43	43	43	43	43	43	43
RECURD YEAR	0	1941	1941	1941	1941	1975	1975	1941	1937	1956	1941
RECORD MAXIMUM	0.0	0.720	0.800	1.000	1.450	1.760	2.070	2.930	3.820	5.440	32.140
NORMALIZED MAX	0.0	3.489	2.983	3.027	3.009	2.760	2.676	2.940	2.804	3.711	3.526
CALC. COEF. VAR	0.0	0.403	0.399	0.387	0.391	0.356	0.353	0.353	0.381	0.435	0.441
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.410
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.410
MEAN/A	0.0	0.0238	0.0290	0.0388	0.0530	0.0706	0.0847	0.1143	0.1468	0.1654	1.0000
RP10/A	0.0	0.0395	0.0482	0.0644	0.0880	0.1172	0.1406	0.1896	0.2437	0.2746	1.5570
RP25/A	0.0	0.0488	0.0595	0.0796	0.1087	0.1448	0.1737	0.2345	0.3011	0.3392	1.8397
RP50/A	0.0	0.0556	0.0678	0.0907	0.1238	0.1650	0.1978	0.2671	0.3430	0.3864	2.0392
RP100/A	0.0	0.0622	0.0759	0.1015	0.1386	0.1847	0.2215	0.2991	0.3840	0.4326	2.2303
RP1000/A	0.0	0.0837	0.1021	0.1365	0.1863	0.2484	0.2978	0.4020	0.5163	0.5816	2.8254
RP10000/A	0.0	0.1045	0.1275	0.1704	0.2327	0.3101	0.3719	0.5021	0.6447	0.7263	3.3833
PMP/A	0.0	0.2001	0.2441	0.3263	0.4456	0.5939	0.7120	0.9614	1.2345	1.3908	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. 8SN ORDER SUB	STATION NAME	ELEV	SEC	TMP	RNG	LOT	8MM	LATITUDE	LONGITUDE	COUNTY
Y01 7987 0	SANTIAGO DAM - 118	840	33	04S	08W	B	5	33.787	117.721	ORANGE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1938	*****	*****	0.31	0.48	0.60	0.92	1.20	1.98	3.35	4.51	******
1939	*****	*****	0.25	0.44	0.62	1.04	1.26	1.35	1.64	2.32	14.81
1940	*****	*****	0.73	0.83	0.91	1.00	1.05	1.59	2.65	2.88	18.10
1941	*****	*****	0.40	0.55	0.75	1.03	1.33	1.69	2.23	3.10	33.94
1942	*****	*****	0.27	0.47	0.72	0.95	1.05	1.05	1.25	1.90	12.90
1943	*****	*****	0.31	0.41	0.54	0.94	1.23	2.31	3.65	6.39	19.73
1944	*****	*****	0.56	0.66	0.90	1.58	1.94	2.38	2.86	4.54	18.50
1945	*****	*****	0.33	0.40	0.50	0.64	0.78	1.05	1.59	2.49	17.66
1946	*****	*****	0.28	0.49	0.75	1.19	1.65	2.00	2.65	4.59	15.14
1947	*****	*****	0.35	0.39	0.55	0.62	0.62	1.07	1.35	1.95	14.75
1948	*****	*****	0.18	0.21	0.30	0.43	0.59	0.90	1.35	1.65	7.69
1949	*****	*****	*****	*****	0.38	0.63	0.88	1.47	2.03	2.24	11.41
1950	*****	*****	*****	*****	0.64	0.69	0.90	1.28	1.53	1.58	8.73
1951	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	18.34
1952	*****	*****	*****	*****	0.95	1.36	1.61	2.17	2.56	2.60	22.81
1953	*****	*****	*****	*****	0.25	0.42	0.52	0.57	0.72	0.73	5.57
1954	*****	*****	*****	*****	0.40	0.59	0.83	1.54	*****	2.60	15.76
1955	*****	*****	*****	*****	0.28	0.39	0.53	0.74	1.09	1.28	9.82
1956	*****	*****	*****	*****	0.62	0.89	1.13	1.91	3.52	6.00	13.24
1957	*****	*****	*****	*****	0.25	0.35	0.44	0.54	0.84	1.21	18.44
1958	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	20.65
1959	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	8.38
1960	*****	*****	*****	*****	0.85	1.50	1.51	1.54	1.74	1.87	11.26
1961	*****	*****	*****	*****	0.26	0.46	0.50	0.79	1.29	1.35	5.14
1962	*****	*****	*****	*****	0.37	0.63	0.87	1.46	1.95	2.10	11.40
1963	*****	*****	*****	*****	0.60	1.09	1.37	1.79	2.27	2.49	14.18
1964	0.15	0.25	0.37	0.56	0.61	0.82	0.71	0.87	0.88	1.26	8.75
1965	0.13	0.19	0.26	0.49	0.66	1.00	1.07	1.45	2.41	3.63	22.47
1966	0.19	0.27	0.30	0.41	0.51	0.75	0.96	1.50	2.36	3.38	12.88
1967	0.18	0.21	0.24	0.30	0.45	0.64	0.81	1.21	1.60	1.38	13.79
1968	0.15	0.21	0.24	0.31	0.42	0.50	0.80	1.15	2.01	2.09	6.33
1969	0.14	0.21	0.26	0.36	0.61	0.93	1.18	2.33	3.48	7.09	27.22
1970	0.22	0.29	0.31	0.44	0.56	0.90	1.15	1.54	1.76	2.62	14.00
1971	0.06	0.09	0.12	0.15	0.30	0.52	0.77	1.20	1.85	1.99	9.85
1972	0.20	0.34	0.37	0.46	0.60	0.87	1.02	1.22	1.48	1.48	6.89
1973	*****	*****	*****	*****	0.55	0.94	1.12	1.55	1.80	1.93	15.15
1974	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	14.88

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 8SN ORDER SUB	STATION NAME	ELEV	SEC	TMP	RNG	LOT	8MM	LATITUDE	LONGITUDE	COUNTY
Y01 7987 0	SANTIAGO DAM - 118	840	33	04S	08W	B	5	33.787	117.721	ORANGE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.14	0.20	0.29	0.39	0.49	0.73	0.90	1.28	1.77	2.40	13.47
5	0.21	0.31	0.43	0.59	0.75	1.10	1.36	1.94	2.69	3.65	18.95
10	0.26	0.38	0.53	0.73	0.92	1.36	1.68	2.38	3.31	4.49	22.35
20	0.31	0.45	0.63	0.86	1.08	1.60	1.98	2.81	3.90	5.29	25.45
25	0.32	0.47	0.66	0.90	1.13	1.68	2.07	2.95	4.09	5.55	26.41
40	0.35	0.51	0.72	0.99	1.24	1.84	2.27	3.22	4.47	6.07	28.36
50	0.37	0.53	0.75	1.03	1.29	1.91	2.36	3.36	4.65	6.32	29.27
100	0.41	0.60	0.84	1.15	1.45	2.14	2.65	3.76	5.21	7.07	32.01
200	0.46	0.66	0.93	1.27	1.60	2.37	2.92	4.15	5.76	7.82	34.66
1000	0.55	0.80	1.13	1.55	1.95	2.88	3.56	5.05	7.01	9.51	40.56
10000	0.69	1.01	1.41	1.93	2.43	3.59	4.44	6.31	8.75	11.87	48.56
PMP	1.33	1.92	2.71	3.70	4.65	6.88	8.51	12.08	16.75	22.74	103.93
MEAN	0.158	0.229	0.322	0.440	0.553	0.818	1.012	1.436	1.992	2.704	14.354
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	-0.910	-0.489	1.780	0.541	0.202	0.622	0.545	0.179	0.558	1.427	1.041
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.496 ; INTERCEPT (TIME=1 HOUR) =0.585 ; COEFFICIENT OF DETERMINATION = 0.991
1HR INTERCEPT / MEAN YR =0.04076 ; AVERAGE CALC CV / USED CV = 0.71

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	5.340	5.224	7.696	5.105	2.673	3.271	3.342	2.625	2.890	4.706	5.004
N	9	9	20	20	33	33	33	33	32	33	36
RECORD YEAR	1970	1972	1940	1940	1952	1944	1944	1944	1943	1969	1941
RECORD MAXIMUM	0.220	0.340	0.730	0.830	0.950	1.580	1.940	2.380	3.650	7.090	33.940
NORMILIZED MAX	1.313	1.570	3.109	2.818	2.021	2.442	2.595	1.888	2.092	2.822	3.198
CALC. COEF. VAR	0.300	0.309	0.408	0.338	0.355	0.381	0.354	0.348	0.398	0.575	0.427
REGN. COEF. VAR	0.894	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.898	0.416
USED COEF. VAR	0.894	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0110	0.0159	0.0224	0.0307	0.0385	0.0570	0.0705	0.1000	0.1388	0.1883	1.0000
RP10/A	0.0182	0.0265	0.0372	0.0510	0.0640	0.0947	0.1170	0.1661	0.2304	0.3127	1.5570
RP25/A	0.0225	0.0327	0.0460	0.0629	0.0791	0.1170	0.1445	0.2052	0.2846	0.3863	1.8397
RP50/A	0.0257	0.0373	0.0528	0.0717	0.0901	0.1332	0.1646	0.2338	0.3242	0.4401	2.0392
RP100/A	0.0288	0.0417	0.0587	0.0803	0.1008	0.1492	0.1843	0.2617	0.3630	0.4927	2.2303
RP1000/A	0.0387	0.0561	0.0789	0.1079	0.1356	0.2005	0.2478	0.3518	0.4880	0.6624	2.8254
RP10000/A	0.0883	0.0700	0.0985	0.1348	0.1693	0.2504	0.3095	0.4394	0.6095	0.8272	3.3833
PMP/A	0.0924	0.1341	0.1887	0.2561	0.3242	0.4795	0.5926	0.8418	1.1670	1.5840	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. HSN ORDER SUM	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BHM	LATITUDE	LONGITUDE	COUNTY
Y01 8243 0	SILVER*DU R S - 119	1095	18	058	07N	0	5	33.743	117.658	ORANGE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1943	0.08	0.13	0.17	0.34	0.62	0.95	1.38	3.05	5.32	9.18	32.10
1944	0.13	0.20	0.21	0.25	0.45	0.74	1.03	1.71	2.43	2.84	20.29
1945	0.18	0.32	0.37	0.56	0.84	1.15	1.25	2.12	3.19	5.95	21.35
1946	0.10	0.17	0.25	0.42	0.70	1.02	1.38	2.26	2.96	3.80	19.41
1947	0.11	0.18	0.20	0.25	0.47	0.74	0.74	0.75	0.74	0.93	6.09
1948	0.15	0.22	0.30	0.43	0.61	0.76	0.87	0.99	1.09	1.62	9.88
1949	*****	*****	*****	*****	0.38	0.57	0.82	1.29	1.47	2.16	12.95
1950	*****	*****	*****	*****	0.47	0.66	1.03	1.46	1.75	1.65	9.69
1951	*****	*****	*****	*****	0.68	0.99	1.05	1.11	1.31	1.42	12.92
1952	*****	*****	*****	*****	0.82	1.41	1.91	1.97	2.56	2.76	23.21
1953	*****	*****	*****	*****	0.65	0.65	0.65	0.91	1.01	1.01	6.61
1954	*****	*****	*****	*****	0.55	0.98	1.43	2.17	2.87	3.08	18.04
1955	*****	*****	*****	*****	0.30	0.55	0.60	0.76	0.76	1.01	10.21
1956	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	15.54
1957	*****	*****	*****	*****	0.47	0.57	0.86	1.67	2.25	3.00	******
1958	*****	*****	*****	*****	0.45	0.85	0.98	1.05	1.35	2.59	22.75
1959	*****	*****	*****	*****	0.22	0.39	0.40	0.55	0.69	0.71	8.79
1960	*****	*****	*****	*****	0.54	0.73	0.94	1.26	1.55	1.80	12.88
1961	*****	*****	*****	*****	0.39	0.60	0.88	1.17	1.89	2.03	7.37
1962	*****	*****	*****	*****	0.45	0.76	1.16	1.95	2.53	2.95	15.24
1963	*****	*****	*****	*****	0.57	1.12	1.62	2.04	2.57	3.00	15.78
1964	*****	*****	*****	*****	0.73	0.90	1.17	1.40	1.48	1.52	10.10
1965	0.22	0.31	0.42	0.49	0.71	1.05	1.32	2.47	3.57	4.93	24.83
1966	0.10	0.19	0.26	0.38	0.55	0.93	1.26	1.49	3.34	4.30	14.00
1967	0.11	0.18	0.25	0.42	0.65	0.84	1.00	1.48	1.91	2.17	16.81
1968	0.15	0.30	0.45	0.55	0.83	0.80	1.04	1.47	2.12	2.60	7.12
1969	0.09	0.14	0.15	0.27	0.43	0.84	0.71	1.06	1.80	2.04	******
1970	0.22	0.31	0.43	0.50	0.52	0.75	1.02	1.66	1.84	2.57	15.45
1971	0.09	0.14	0.16	0.25	0.30	0.55	0.71	1.22	1.61	2.21	11.75
1972	0.11	0.20	0.27	0.40	0.61	0.89	1.02	1.48	1.57	1.57	7.66
1973	*****	*****	*****	*****	0.56	0.97	1.31	1.77	2.02	2.32	17.08
1974	*****	*****	*****	*****	1.00	1.27	1.52	2.14	2.82	2.87	17.79

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. HSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BHM	LATITUDE	LONGITUDE	COUNTY
Y01 8243 0	SILVERADO R S - 119	1095	18	058	07N	0	5	33.743	117.658	ORANGE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.19	0.25	0.35	0.50	0.74	0.94	1.39	1.84	2.38	13.91
5	0.18	0.28	0.37	0.53	0.76	1.12	1.42	2.10	2.80	3.62	19.56
10	0.22	0.35	0.46	0.65	0.94	1.38	1.75	2.59	3.45	4.45	23.07
20	0.26	0.42	0.56	0.77	1.11	1.62	2.07	3.05	4.06	5.25	26.28
25	0.27	0.44	0.57	0.80	1.16	1.70	2.17	3.20	4.26	5.50	27.26
40	0.30	0.48	0.62	0.88	1.27	1.86	2.37	3.50	4.66	6.02	29.29
50	0.31	0.50	0.65	0.92	1.32	1.94	2.47	3.64	4.85	6.27	30.22
100	0.34	0.56	0.73	1.03	1.48	2.17	2.76	4.08	5.43	7.02	33.05
200	0.38	0.62	0.80	1.13	1.63	2.40	3.06	4.51	6.00	7.76	35.79
1000	0.46	0.75	0.98	1.38	1.99	2.92	3.72	5.49	7.30	9.44	41.87
10000	0.58	0.94	1.22	1.72	2.48	3.65	4.64	6.85	9.12	11.78	50.14
PMP	1.11	1.80	2.34	3.30	4.75	6.98	8.89	13.12	17.46	22.56	107.30
MEAN	0.131	0.214	0.278	0.392	0.565	0.830	1.057	1.560	2.076	2.683	14.820
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.021	0.593	0.540	0.023	0.407	0.504	0.830	0.449	1.213	2.206	0.723
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.435 ; INTERCEPT (TIME=1 HOUR) =0.572 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.03858 ; AVERAGE CALC CV / USED CV = 0.68

KURTOSIS	3.511	2.996	2.643	2.440	3.439	3.407	2.790	3.320	5.066	9.641	3.697
N	14	14	14	14	31	31	31	31	31	31	30
RECORD YEAR	1965	1945	1968	1945	1970	1952	1963	1943	1943	1943	1943
RECORD MAXIMUM	0.220	0.320	0.450	0.560	1.000	1.410	1.620	3.050	5.320	9.160	32.100
NORMILIZED MAX	1.903	1.962	1.680	1.529	2.465	2.529	1.858	2.627	3.331	3.854	2.770
CALC. COEF. VAR	0.354	0.319	0.369	0.280	0.312	0.276	0.267	0.364	0.469	0.626	0.420
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0089	0.0144	0.0187	0.0265	0.0381	0.0560	0.0713	0.1053	0.1401	0.1810	1.0000
RP10/A	0.0147	0.0239	0.0311	0.0439	0.0633	0.0930	0.1180	0.1748	0.2326	0.3006	1.5570
RP25/A	0.0182	0.0296	0.0385	0.0543	0.0782	0.1149	0.1463	0.2159	0.2873	0.3713	1.8367
RP50/A	0.0207	0.0337	0.0438	0.0618	0.0891	0.1309	0.1666	0.2459	0.3273	0.4230	2.0392
RP100/A	0.0232	0.0377	0.0490	0.0692	0.0998	0.1465	0.1865	0.2754	0.3664	0.4736	2.2303
RP1000/A	0.0312	0.0507	0.0659	0.0931	0.1341	0.1970	0.2508	0.3702	0.4926	0.6367	2.8254
RP10000/A	0.0389	0.0633	0.0823	0.1162	0.1675	0.2460	0.3132	0.4623	0.6152	0.7951	3.3833
PMP/A	0.0746	0.1212	0.1577	0.2225	0.3207	0.4710	0.5997	0.8852	1.1779	1.5225	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 9086 10	TUSTIN AUTOMATIC 166	130	10	05S	09W	N	S	33.748	117.811	ORANGE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1958	*****	0.25	0.30	0.45	0.47	1.00	1.13	1.20	1.59	2.22	21.96
1959	*****	0.18	0.19	0.20	0.35	0.40	0.45	0.90	1.15	1.19	5.06
1960	*****	0.37	0.40	0.50	0.65	1.20	1.30	1.62	1.75	1.75	8.94
1961	*****	0.22	0.25	0.32	0.45	0.60	0.66	0.66	0.66	0.66	3.52
1962	*****	0.13	0.18	0.23	0.30	0.55	0.73	1.10	1.40	1.65	12.40
1963	*****	0.15	0.15	0.20	0.30	0.45	0.55	0.98	1.28	1.92	5.46
1964	*****	0.18	0.22	0.27	0.42	0.80	1.12	1.68	2.25	2.27	9.20
1965	*****	0.20	0.27	0.30	0.32	0.45	0.54	1.00	1.30	2.09	11.15
1966	*****	0.23	0.26	0.31	0.50	0.50	0.65	0.89	1.35	2.50	12.00
1967	*****	0.20	0.25	0.50	0.60	0.85	1.00	1.55	1.77	2.34	15.17
1968	*****	0.25	0.28	0.40	0.49	0.70	0.93	0.98	1.20	1.44	8.12
1969	*****	0.27	0.34	0.58	0.85	1.08	1.39	1.88	2.66	3.43	20.39
1970	*****	0.17	0.25	0.47	0.63	0.75	0.85	1.32	2.30	2.77	9.00
1971	*****	0.25	0.42	0.55	0.65	0.80	1.05	1.32	1.46	2.18	8.21
1972	*****	0.21	0.24	0.25	0.28	0.43	0.62	0.96	1.39	1.49	5.21
1973	*****	0.33	0.34	0.43	0.52	0.82	0.92	1.56	1.60	1.74	15.46

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 9086 10	TUSTIN AUTOMATIC 166	130	10	05S	09W	N	S	33.748	117.811	ORANGE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1M	2M	3H	6H	12H	24H	F-YR
2	0.0	0.20	0.24	0.33	0.43	0.63	0.77	1.09	1.39	1.76	10.05
5	0.0	0.30	0.37	0.50	0.66	0.96	1.17	1.65	2.12	2.67	14.13
10	0.0	0.37	0.45	0.62	0.81	1.18	1.44	2.03	2.61	3.28	16.67
20	0.0	0.44	0.53	0.73	0.95	1.39	1.70	2.40	3.07	3.87	18.98
25	0.0	0.46	0.56	0.76	1.00	1.46	1.78	2.51	3.22	4.06	19.89
40	0.0	0.50	0.61	0.84	1.09	1.60	1.95	2.75	3.52	4.44	21.15
50	0.0	0.52	0.63	0.87	1.14	1.66	2.03	2.86	3.67	4.62	21.83
100	0.0	0.59	0.71	0.97	1.27	1.86	2.27	3.20	4.11	5.17	23.87
200	0.0	0.65	0.78	1.08	1.41	2.06	2.51	3.54	4.54	5.72	25.85
1000	0.0	0.79	0.95	1.31	1.71	2.50	3.05	4.31	5.52	6.95	30.24
10000	0.0	0.99	1.19	1.64	2.14	3.12	3.81	5.38	6.89	8.69	36.22
PMP	0.0	1.89	2.28	3.13	4.09	5.98	7.30	10.30	13.20	16.63	77.50
MEAN	0.0	0.224	0.271	0.372	0.486	0.711	0.868	1.225	1.569	1.977	10.704
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.858	0.516	0.126	0.597	0.482	0.293	0.354	0.674	0.188	0.811
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.536 ; INTERCEPT (TIME=1 HOUR) =0.511 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.04776 ; AVERAGE CALC CV / USED CV = 0.64

	5M	10M	15M	30M	1M	2M	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	4.257	3.449	2.157	3.543	2.875	2.619	2.642	4.161	4.324	3.562
N	0	16	16	16	16	16	16	16	16	16	16
RECORD YEAR	0	1960	1971	1969	1969	1960	1969	1969	1969	1969	1958
RECORD MAXIMUM	0.0	0.370	0.420	0.580	0.850	1.200	1.390	1.880	2.660	3.430	21.960
NORMILIZED MAX	0.0	2.318	1.990	1.627	2.271	1.993	1.802	1.679	2.203	2.216	2.102
CALC. COEF. VAR	0.0	0.280	0.276	0.342	0.329	0.345	0.326	0.285	0.315	0.331	0.500
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0210	0.0253	0.0348	0.0454	0.0664	0.0811	0.1144	0.1466	0.1847	1.0000
RP10/A	0.0	0.0348	0.0421	0.0578	0.0754	0.1103	0.1347	0.1900	0.2434	0.3067	1.5570
RP25/A	0.0	0.0430	0.0520	0.0714	0.0932	0.1363	0.1663	0.2347	0.3007	0.3789	1.8397
RP50/A	0.0	0.0490	0.0592	0.0813	0.1061	0.1553	0.1895	0.2674	0.3426	0.4316	2.0392
RP100/A	0.0	0.0548	0.0663	0.0910	0.1188	0.1738	0.2122	0.2994	0.3835	0.4833	2.2303
RP1000/A	0.0	0.0737	0.0891	0.1224	0.1598	0.2337	0.2852	0.4025	0.5156	0.6497	2.8254
RP10000/A	0.0	0.0921	0.1113	0.1528	0.1995	0.2918	0.3562	0.5026	0.6439	0.8114	3.3833
PMP/A	0.0	0.1763	0.2131	0.2927	0.3820	0.5588	0.6821	0.9624	1.2330	1.5536	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 9338 3	VILLA PARK OAM 173	572	24	04S	09W	A	B	33.815	117.767	ORANGE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1963	*****	0.18	0.24	0.40	0.45	0.61	0.85	1.50	1.92	3.13	8.12
1964	*****	0.25	0.30	0.38	0.61	1.02	1.31	2.12	2.74	2.90	11.85
1965	*****	0.22	0.25	0.34	0.43	0.82	0.86	1.08	1.08	1.64	10.47
1966	*****	0.25	0.30	0.33	0.48	0.66	0.95	1.49	2.14	3.25	14.55
1967	*****	0.22	0.25	0.35	0.70	0.91	1.15	1.52	2.48	3.07	19.07
1968	*****	0.37	0.40	0.52	0.59	0.70	1.03	1.46	1.85	2.25	9.77
1969	*****	0.24	0.27	0.36	0.49	0.84	1.24	2.05	3.35	4.24	26.55
1970	*****	0.18	0.23	0.27	0.35	0.50	0.73	0.98	1.80	2.05	9.78
1971	*****	0.15	0.19	0.26	0.44	0.64	0.82	1.08	1.31	2.15	9.64
1972	*****	0.28	0.29	0.32	0.48	0.71	0.90	1.41	1.92	2.07	7.28
1973	*****	0.32	0.35	0.65	0.77	0.83	0.88	1.25	1.46	1.67	18.55
1974	*****	0.14	0.16	0.24	0.35	0.64	0.87	1.35	1.44	2.10	12.83
1975	*****	0.21	0.35	0.55	0.80	1.25	1.40	1.92	2.68	2.78	11.83

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 9338 3	VILLA PARK OAM 173	572	24	04S	09W	A	B	33.815	117.767	ORANGE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.21	0.28	0.38	0.47	0.68	0.89	1.32	1.79	2.28	12.26
5	0.0	0.31	0.37	0.52	0.72	1.03	1.35	2.00	2.71	3.46	17.25
10	0.0	0.38	0.46	0.63	0.89	1.27	1.66	2.46	3.34	4.26	20.35
20	0.0	0.45	0.54	0.75	1.05	1.50	1.96	2.91	3.94	5.03	23.17
25	0.0	0.47	0.56	0.78	1.09	1.57	2.05	3.05	4.13	5.27	24.04
40	0.0	0.52	0.62	0.86	1.20	1.72	2.24	3.33	4.52	5.77	25.82
50	0.0	0.54	0.64	0.89	1.25	1.78	2.33	3.47	4.70	6.00	26.65
100	0.0	0.61	0.72	1.00	1.40	2.00	2.61	3.88	5.27	6.72	29.15
200	0.0	0.67	0.80	1.11	1.54	2.21	2.89	4.29	5.82	7.43	31.56
1000	0.0	0.81	0.97	1.34	1.88	2.69	3.51	5.22	7.08	9.03	36.92
10000	0.0	1.02	1.21	1.68	2.34	3.35	4.39	6.52	8.84	11.28	44.21
PMP	0.0	1.95	2.32	3.22	4.49	6.42	8.40	12.49	16.93	21.60	94.62
MEAN	0.0	0.232	0.275	0.382	0.534	0.764	0.999	1.485	2.013	2.568	13.068
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.664	0.156	1.095	0.656	1.234	0.806	0.500	0.586	0.792	1.479
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.500 ; INTERCEPT (TIME=1 HOUR) =0.551 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.04219 ; AVERAGE CALC CV / USED CV = 0.54

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	3.966	3.507	0.189	3.012	5.032	3.088	3.098	3.515	4.003	5.568
N	0	13	13	13	13	13	13	13	13	13	13
RECORD YEAR	0	1968	1968	1973	1975	1975	1975	1964	1969	1969	1969
RECORD MAXIMUM	0.0	0.370	0.400	0.850	0.800	1.250	1.400	2.120	3.350	4.240	26.550
NORMALIZED MAX	0.0	2.120	1.889	2.205	1.791	2.391	1.910	1.787	2.054	2.232	2.889
CALC. COEF. VAR	0.0	0.282	0.242	0.318	0.278	0.286	0.210	0.245	0.323	0.292	0.414
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0177	0.0211	0.0293	0.0408	0.0584	0.0765	0.1136	0.1540	0.1965	1.0000
RP10/A	0.0	0.0294	0.0350	0.0486	0.0678	0.0970	0.1269	0.1886	0.2558	0.3263	1.5570
RP25/A	0.0	0.0363	0.0432	0.0600	0.0838	0.1199	0.1568	0.2330	0.3159	0.4031	1.8397
RP50/A	0.0	0.0418	0.0492	0.0684	0.0954	0.1366	0.1787	0.2654	0.3599	0.4592	2.0392
RP100/A	0.0	0.0463	0.0551	0.0765	0.1069	0.1529	0.2000	0.2972	0.4030	0.5142	2.2303
RP1000/A	0.0	0.0623	0.0741	0.1029	0.1437	0.2056	0.2689	0.3995	0.5418	0.6912	2.8258
RP10000/A	0.0	0.0778	0.0926	0.1285	0.1794	0.2567	0.3358	0.4990	0.6766	0.8632	3.3833
PMP/A	0.0	0.1490	0.1772	0.2460	0.3435	0.4906	0.6430	0.9554	1.2955	1.6528	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BNM	LATITUDE	LONGITUDE	COUNTY
83N ORDER SUB										
Y01 9569 11	WESTMINSTER 162	38	12	05S	11W	E	S	33.752	117.988	ORANGE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1957	*****	0.35	0.37	0.38	0.40	0.47	0.55	0.75	0.81	0.91	7.55
1958	*****	0.95	1.07	1.17	1.35	1.45	1.60	1.80	2.73	3.32	22.48
1959	*****	0.45	0.60	0.65	0.73	0.75	0.85	1.25	1.49	1.49	6.55
1960	*****	0.27	0.32	0.42	0.52	0.80	1.00	1.42	1.64	1.64	10.75
1961	*****	0.25	0.27	0.35	0.40	0.55	0.60	0.60	0.67	0.67	2.95
1962	*****	0.30	0.35	0.40	0.50	0.82	0.97	1.05	1.75	2.40	15.32
1963	*****	0.22	0.31	0.44	0.48	0.72	0.90	1.46	1.80	3.09	7.20
1964	*****	0.35	0.42	0.50	0.70	0.84	1.04	1.40	1.86	1.91	7.70
1965	*****	0.16	0.18	0.24	0.29	0.50	0.57	0.95	1.34	1.94	9.85
1966	*****	0.25	0.28	0.35	0.46	0.48	0.62	0.74	1.25	1.49	11.87
1967	*****	0.45	0.50	0.65	0.90	1.03	1.10	1.37	2.05	2.40	13.58
1968	*****	0.51	0.54	0.54	0.57	0.86	0.87	0.96	1.24	2.06	10.26
1969	*****	0.28	0.30	0.35	0.46	0.65	0.80	1.29	1.90	2.84	19.18
1970	*****	0.25	0.32	0.47	0.55	0.65	0.67	0.86	1.65	1.75	7.82
1971	*****	0.26	0.31	0.36	0.48	0.71	1.02	1.25	1.53	2.26	6.43
1972	*****	0.20	0.22	0.29	0.45	0.72	0.90	1.30	1.71	1.79	5.06
1973	*****	0.24	0.29	0.37	0.51	0.85	0.91	1.25	1.40	1.58	14.46
1974	*****	0.23	0.26	0.38	0.43	0.76	1.05	1.26	1.45	1.90	10.99
1975	*****	0.54	0.68	0.90	1.27	1.97	2.38	2.87	3.30	3.32	12.58

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BNM	LATITUDE	LONGITUDE	COUNTY
83N ORDER SUB										
Y01 9569 11	WESTMINSTER 162	38	12	05S	11W	E	S	33.752	117.988	ORANGE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.30	0.36	0.43	0.54	0.73	0.86	1.11	1.48	1.81	10.10
5	0.0	0.46	0.54	0.65	0.81	1.11	1.31	1.69	2.24	2.75	14.20
10	0.0	0.57	0.66	0.80	1.00	1.36	1.61	2.08	2.76	3.39	16.75
20	0.0	0.67	0.78	0.95	1.18	1.61	1.90	2.46	3.25	3.99	19.08
25	0.0	0.70	0.82	0.99	1.24	1.68	1.99	2.57	3.41	4.18	19.79
40	0.0	0.77	0.90	1.09	1.35	1.84	2.17	2.82	3.73	4.58	21.26
50	0.0	0.80	0.93	1.13	1.41	1.92	2.26	2.93	3.88	4.77	21.94
100	0.0	0.90	1.05	1.27	1.58	2.15	2.53	3.28	4.35	5.34	24.00
200	0.0	0.99	1.15	1.40	1.74	2.37	2.80	3.63	4.80	5.90	25.98
1000	0.0	1.21	1.40	1.70	2.12	2.88	3.41	4.41	5.84	7.17	30.40
10000	0.0	1.50	1.75	2.13	2.65	3.60	4.25	5.51	7.30	8.96	36.40
PMP	0.0	2.88	3.36	4.08	5.07	6.90	8.14	10.55	13.97	17.16	77.90
MEAN	0.0	0.343	0.399	0.485	0.603	0.820	0.968	1.254	1.662	2.040	10.760
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	2.295	2.103	1.981	1.833	2.250	2.357	1.957	1.135	0.224	0.840
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.687 ; INTERCEPT (TIME=1 HOUR) =0.636 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.05911 ; AVERAGE CALC CV / USED CV = 0.96

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	9.526	8.372	7.352	6.059	8.994	10.057	9.220	9.856	3.193	4.186
N	0	19	19	19	19	19	19	19	19	19	19
RECORD YEAR	0	1958	1958	1958	1958	1975	1975	1975	1975	1958	1958
RECORD MAXIMUM	0.0	0.950	1.070	1.170	1.350	1.970	2.380	2.870	3.300	3.320	22.480
NORMILIZED MAX	0.0	3.342	3.218	3.037	2.632	3.232	3.364	3.291	2.743	1.746	2.441
CALC. COEF. VAR	0.0	0.530	0.522	0.465	0.471	0.434	0.433	0.391	0.359	0.359	0.446
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0318	0.0371	0.0450	0.0560	0.0762	0.0900	0.1166	0.1544	0.1896	1.0000
RP10/A	0.0	0.0529	0.0616	0.0748	0.0930	0.1265	0.1494	0.1935	0.2564	0.3148	1.5570
RP25/A	0.0	0.0653	0.0761	0.0924	0.1149	0.1563	0.1846	0.2391	0.3167	0.3889	1.8307
RP50/A	0.0	0.0744	0.0867	0.1053	0.1309	0.1781	0.2103	0.2724	0.3608	0.4430	2.0392
RP100/A	0.0	0.0833	0.0971	0.1179	0.1465	0.1994	0.2354	0.3049	0.4040	0.4960	2.2303
RP1000/A	0.0	0.1120	0.1306	0.1586	0.1970	0.2680	0.3165	0.4099	0.5431	0.6666	2.8254
RP10000/A	0.0	0.1399	0.1631	0.1979	0.2460	0.3347	0.3953	0.5120	0.6782	0.8327	3.3833
PMP/A	0.0	0.2678	0.3122	0.3789	0.4710	0.6409	0.7569	0.9803	1.2987	1.5945	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Z01 1507 0	CAPISTRANO BEACH 1SW	20	23	08S	08W	B	S	33.468	117.684	ORANGE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1957	*****	0.25	0.25	0.25	0.34	0.45	0.47	0.50	0.66	0.93	9.64
1958	*****	0.48	0.58	0.78	1.06	1.16	1.16	1.75	2.14	2.60	22.75
1959	*****	0.18	0.20	0.22	0.36	0.60	0.81	1.10	1.10	1.13	6.45
1960	*****	0.22	0.30	0.47	0.63	0.84	1.15	1.60	2.00	2.03	9.75
1961	*****	0.31	0.46	0.62	0.69	0.69	1.03	1.05	1.17	1.20	4.15
1962	*****	0.25	0.30	0.40	0.62	0.71	0.80	0.90	1.37	2.08	12.39
1963	*****	0.27	0.35	0.41	0.50	0.60	0.75	0.97	1.50	3.00	6.90
1964	*****	0.27	0.35	0.50	0.75	1.04	1.23	1.70	1.78	2.15	10.42
1965	*****	0.28	0.29	0.30	0.34	0.45	0.57	0.70	0.88	1.43	9.82
1966	*****	0.30	0.42	0.65	0.79	0.80	0.90	1.25	1.50	2.32	13.53
1967	*****	0.25	0.29	0.41	0.52	0.98	1.10	1.65	1.76	2.15	13.07
1968	*****	0.20	0.22	0.27	0.32	0.52	0.66	0.81	0.95	1.40	7.12
1969	*****	0.38	0.40	0.46	0.55	0.65	0.76	1.25	1.55	2.37	17.58
1970	*****	0.15	0.18	0.21	0.30	0.50	0.66	0.79	1.27	1.38	6.85
1971	*****	0.32	0.35	0.39	0.46	0.76	1.06	1.17	1.70	1.92	6.49
1972	*****	0.20	0.22	0.40	0.50	0.72	0.77	0.81	1.22	1.40	6.63
1973	*****	0.30	0.39	0.44	0.50	0.66	0.88	1.26	1.41	1.50	13.29
1974	*****	0.16	0.20	0.25	0.29	0.42	0.64	0.84	1.56	1.73	8.64
1975	*****	0.40	0.53	0.73	0.92	1.22	1.63	2.24	2.24	2.24	14.13

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Z01 1507 0	CAPISTRANO BEACH 1SW	20	23	08S	08W	B	S	33.468	117.684	ORANGE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.24	0.29	0.38	0.48	0.63	0.78	1.03	1.28	1.61	9.83
5	0.0	0.36	0.44	0.57	0.73	0.97	1.20	1.57	1.95	2.45	13.92
10	0.0	0.45	0.55	0.71	0.91	1.20	1.48	1.95	2.42	3.05	16.55
20	0.0	0.54	0.65	0.85	1.08	1.43	1.77	2.32	2.88	3.62	18.99
25	0.0	0.56	0.68	0.89	1.14	1.50	1.85	2.44	3.02	3.81	19.73
40	0.0	0.62	0.75	0.98	1.25	1.65	2.04	2.69	3.32	4.19	20.12
50	0.0	0.65	0.78	1.02	1.30	1.72	2.13	2.80	3.47	4.37	22.04
100	0.0	0.73	0.88	1.15	1.47	1.94	2.40	3.15	3.91	4.92	24.26
200	0.0	0.81	0.98	1.28	1.63	2.13	2.66	3.51	4.34	5.47	26.42
1000	0.0	0.99	1.21	1.57	2.01	2.65	3.27	4.31	5.34	6.72	31.27
10000	0.0	1.26	1.53	1.98	2.54	3.34	4.14	5.45	6.74	8.49	37.95
PMP	0.0	2.29	2.78	3.61	4.62	6.10	7.54	9.92	12.29	15.47	76.90
MEAN	0.0	0.272	0.331	0.429	0.549	0.725	0.896	1.180	1.461	1.840	10.622
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.796	0.677	0.662	0.837	0.759	0.900	0.760	0.066	0.239	1.157
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.601 ; INTERCEPT (TIME=1 HOUR) =0.562 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.05293 ; AVERAGE CALC CV / USED CV = 0.70

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	4.131	3.313	3.161	3.597	3.244	4.457	3.533	3.078	2.814	5.059
N	0	19	19	19	19	19	19	19	19	19	19
RECORD YEAR	0	1958	1958	1958	1958	1975	1975	1975	1975	1963	1958
RECORD MAXIMUM	0.0	0.480	0.580	0.780	1.060	1.220	1.630	2.240	2.240	3.000	22.750
NORMALIZED MAX	0.0	2.474	2.211	2.086	2.350	2.103	2.623	2.375	1.851	2.098	2.718
CALC. COEF. VAR	0.0	0.309	0.341	0.391	0.395	0.325	0.312	0.376	0.288	0.301	0.420
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0256	0.0311	0.0404	0.0517	0.0682	0.0844	0.1111	0.1375	0.1732	1.0000
RP10/A	0.0	0.0424	0.0515	0.0670	0.0857	0.1130	0.1398	0.1840	0.2279	0.2869	1.5570
RP25/A	0.0	0.0530	0.0644	0.0836	0.1070	0.1411	0.1745	0.2298	0.2845	0.3583	1.8593
RP50/A	0.0	0.0608	0.0738	0.0960	0.1228	0.1619	0.2003	0.2636	0.3264	0.4111	2.0753
RP100/A	0.0	0.0685	0.0832	0.1081	0.1383	0.1824	0.2256	0.2970	0.3678	0.4631	2.2840
RP1000/A	0.0	0.0936	0.1137	0.1477	0.1890	0.2493	0.3083	0.4058	0.5025	0.6328	2.9841
RP10000/A	0.0	0.1182	0.1436	0.1866	0.2387	0.3149	0.3894	0.5127	0.6348	0.7995	3.5729
PMP/A	0.0	0.2154	0.2617	0.3400	0.4350	0.5738	0.7097	0.9343	1.1568	1.4568	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BHM	LATITUDE	LONGITUDE	COUNTY
I01 4650 0	LAGUNA BEACH NO2 - 141	180	22	07S	09W	H	5	33.558	117.800	ORANGE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1949	*****	*****	0.15	0.21	0.31	0.42	0.55	0.74	0.74	0.74	6.12
1950	*****	*****	0.21	0.36	0.40	0.58	0.64	0.79	0.79	1.06	7.53
1951	*****	*****	0.13	0.26	0.32	0.40	0.56	0.64	0.81	0.81	4.95
1952	*****	*****	0.30	0.45	0.63	0.94	1.23	2.05	2.83	2.88	20.21
1953	*****	*****	0.41	0.49	0.55	0.60	0.60	0.70	1.02	1.33	7.59
1954	*****	*****	0.28	0.36	0.44	0.80	1.10	1.66	1.96	1.96	10.15
1955	*****	*****	0.27	0.40	0.49	0.61	0.67	0.84	1.16	1.16	10.07
1956	*****	*****	0.21	0.26	0.45	0.86	1.04	1.32	2.01	3.63	10.95
1957	*****	*****	0.25	0.35	0.44	0.58	0.65	0.69	0.93	0.93	7.76
1958	*****	*****	0.70	0.99	1.05	1.09	1.16	1.27	1.99	2.04	20.34
1959	*****	*****	0.30	0.55	0.75	0.90	1.14	1.64	1.80	1.80	6.14
1960	*****	*****	0.18	0.28	0.45	0.68	0.86	1.13	1.24	1.24	8.83
1961	*****	*****	0.32	0.41	0.43	0.55	0.55	0.55	0.59	0.71	3.49
1962	*****	*****	0.11	0.20	0.35	0.59	0.78	1.23	1.81	2.34	12.74
1963	*****	*****	0.30	0.42	0.58	0.69	0.73	1.10	1.50	2.11	7.77
1964	*****	*****	0.59	0.84	1.54	1.81	2.53	2.77	3.50	3.71	10.44
1965	*****	*****	0.09	0.13	0.24	0.42	0.58	0.83	1.09	1.10	6.28
1966	*****	*****	*****	*****	0.40	0.50	0.50	0.60	0.80	0.80	14.90
1967	*****	*****	*****	*****	0.30	0.40	0.40	0.50	0.60	0.70	12.42
1968	*****	*****	*****	*****	0.50	0.60	0.60	0.70	1.10	1.40	7.56
1969	*****	*****	*****	*****	0.80	1.00	1.10	1.70	2.20	2.60	19.20
1970	*****	*****	*****	*****	0.60	0.80	1.00	1.20	2.20	2.60	8.48
1971	*****	*****	*****	*****	0.40	0.60	0.80	1.30	1.60	2.20	9.00
1974	*****	*****	0.10	0.20	0.40	0.50	0.40	1.10	1.90	2.90	12.40

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BHM	LATITUDE	LONGITUDE	COUNTY
I01 4650 0	LAGUNA BEACH NO2 - 141	180	22	07S	09W	H	5	33.558	117.800	ORANGE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.24	0.35	0.47	0.62	0.74	0.99	1.32	1.56	9.54
5	0.0	0.0	0.36	0.53	0.71	0.94	1.13	1.51	2.01	2.39	13.50
10	0.0	0.0	0.45	0.66	0.88	1.17	1.41	1.88	2.50	2.96	16.05
20	0.0	0.0	0.54	0.78	1.05	1.39	1.67	2.24	2.97	3.52	18.43
25	0.0	0.0	0.56	0.82	1.10	1.45	1.76	2.35	3.12	3.70	19.16
40	0.0	0.0	0.62	0.91	1.22	1.60	1.93	2.58	3.43	4.07	19.52
50	0.0	0.0	0.65	0.94	1.27	1.67	2.01	2.69	3.58	4.25	21.39
100	0.0	0.0	0.73	1.06	1.43	1.88	2.27	3.04	4.03	4.78	23.54
200	0.0	0.0	0.81	1.18	1.59	2.09	2.52	3.37	4.48	5.32	25.83
1000	0.0	0.0	0.99	1.45	1.95	2.57	3.10	4.15	5.51	6.54	30.38
10000	0.0	0.0	1.26	1.84	2.47	3.25	3.92	5.24	6.96	8.26	36.82
PMP	0.0	0.0	2.29	3.35	4.49	5.92	7.14	9.55	12.67	15.05	74.61
MEAN	0.0	0.0	0.272	0.398	0.534	0.703	0.849	1.135	1.507	1.790	10.306
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.416	1.553	2.395	2.215	2.684	1.390	0.916	0.682	1.067
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.552 ; INTERCEPT (TIME=1 HOUR) =0.523 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.05079 ; AVERAGE CALC CV / USED CV = 1.06

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	5.410	5.829	9.906	9.770	12.511	5.641	0.034	2.865	3.931
N	0	0	18	18	24	24	24	24	24	24	24
RECORD YEAR	0	0	1958	1958	1964	1964	1964	1964	1964	1956	1958
RECORD MAXIMUM	0.0	0.0	0.700	0.990	1.540	1.810	2.530	2.770	3.500	3.830	20.340
NORMALIZED MAX	0.0	0.0	2.633	2.891	3.595	3.622	3.880	3.045	2.696	2.164	2.217
CALC. COEF. VAR	0.0	0.0	0.597	0.553	0.524	0.434	0.511	0.473	0.490	0.527	0.439
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0264	0.0386	0.0518	0.0682	0.0824	0.1102	0.1462	0.1736	1.0000
RP10/A	0.0	0.0	0.0436	0.0639	0.0859	0.1131	0.1364	0.1825	0.2422	0.2877	1.5576
RP25/A	0.0	0.0	0.0546	0.0798	0.1072	0.1412	0.1704	0.2279	0.3025	0.3592	1.9593
RP50/A	0.0	0.0	0.0627	0.0916	0.1230	0.1620	0.1954	0.2615	0.3470	0.4121	2.0753
RP100/A	0.0	0.0	0.0706	0.1032	0.1386	0.1825	0.2202	0.2946	0.3910	0.4643	2.2840
RP1000/A	0.0	0.0	0.0965	0.1410	0.1894	0.2493	0.3009	0.4025	0.5342	0.6344	2.9441
RP10000/A	0.0	0.0	0.1219	0.1781	0.2392	0.3150	0.3801	0.5085	0.6749	0.8014	3.5729
PMP/A	0.0	0.0	0.2221	0.3246	0.4359	0.5739	0.6926	0.9265	1.2298	1.4604	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Z01 7A37 0	SAN JUAN GUARD STATION	730	4	07S	06W	C	S	33.000	117.517	ORANGE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,= YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1957	*****	*****	*****	*****	0.20	0.30	0.30	0.42	0.59	0.63	******
1958	*****	*****	*****	*****	0.46	0.09	0.79	0.86	1.19	1.75	20.36
1959	*****	*****	*****	*****	0.41	0.79	0.92	1.15	1.49	1.97	11.30
1960	*****	*****	*****	*****	0.27	0.40	0.61	0.90	0.95	0.90	13.50
1961	*****	*****	*****	*****	0.05	0.08	0.11	0.19	0.29	0.35	******
1962	*****	*****	*****	*****	0.40	0.77	1.11	1.97	2.52	2.73	14.00
1963	*****	*****	*****	*****	0.42	0.62	0.79	1.09	1.42	1.84	******
1964	*****	*****	*****	*****	0.50	0.66	0.74	1.04	1.10	1.43	10.52
1965	*****	*****	*****	*****	0.61	1.02	1.47	2.73	4.41	5.67	26.24
1966	*****	*****	*****	*****	0.25	0.34	0.40	0.40	0.40	0.40	17.11
1967	*****	*****	*****	*****	1.00	1.65	1.99	2.46	3.05	3.12	12.96
1968	*****	*****	*****	*****	0.40	0.61	0.75	0.84	0.92	1.21	7.67
1969	*****	*****	*****	*****	0.51	0.93	1.13	1.77	2.42	4.18	******
1970	*****	*****	*****	*****	0.30	0.57	0.72	0.93	1.19	1.44	******
1974	*****	*****	*****	0.42	0.53	0.85	1.11	1.56	2.01	2.33	16.29

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Z01 7037 0	SAN JUAN GUARD STATION	730	4	07S	06W	C	S	33.600	117.517	ORANGE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.42	0.63	0.78	1.09	1.42	1.76	13.98
5	0.0	0.0	0.0	0.0	0.65	0.97	1.20	1.67	2.17	2.69	19.79
10	0.0	0.0	0.0	0.0	0.80	1.20	1.49	2.07	2.69	3.34	23.54
20	0.0	0.0	0.0	0.0	0.96	1.43	1.77	2.46	3.20	3.97	27.01
25	0.0	0.0	0.0	0.0	1.00	1.50	1.86	2.59	3.36	4.17	28.09
40	0.0	0.0	0.0	0.0	1.11	1.65	2.04	2.85	3.70	4.59	28.82
50	0.0	0.0	0.0	0.0	1.15	1.72	2.13	2.97	3.86	4.78	31.36
100	0.0	0.0	0.0	0.0	1.30	1.94	2.40	3.35	4.35	5.39	34.51
200	0.0	0.0	0.0	0.0	1.44	2.16	2.67	3.72	4.83	5.99	37.50
1000	0.0	0.0	0.0	0.0	1.77	2.65	3.28	4.57	5.94	7.36	44.48
10000	0.0	0.0	0.0	0.0	2.24	3.35	4.14	5.77	7.50	9.30	53.98
PMP	0.0	0.0	0.0	0.0	4.08	6.11	7.55	10.52	13.68	16.95	109.30
MEAN	0.0	0.0	0.0	0.0	0.406	0.726	0.897	1.251	1.626	2.015	15.109
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	1.140	1.093	0.791	0.733	1.190	1.380	0.934
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.439 ; INTERCEPT (TIME=1 HOUR) =0.487 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.03226 ; AVERAGE CALC CV / USED CV = 1.06

KURTOSIS	0.0	0.0	0.0	0.0	6.067	6.351	4.032	3.443	4.767	5.405	4.971
N	0	0	0	1	15	15	15	15	15	15	10
RECORD YEAR	0	0	0	0	1967	1967	1967	1965	1965	1965	1965
RECORD MAXIMUM	0.0	0.0	0.0	0.0	1.000	1.650	1.990	2.730	4.410	5.670	26.240
NORMILIZED MAX	0.0	0.0	0.0	0.0	2.130	2.377	2.249	1.957	2.440	2.503	2.106
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.495	0.535	0.542	0.604	0.699	0.740	0.350
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.410
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.410
MEAN/A	0.0	0.0	0.0	0.0	0.0321	0.0401	0.0594	0.0828	0.1076	0.1334	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0532	0.0796	0.0984	0.1372	0.1783	0.2210	1.5570
RP25/A	0.0	0.0	0.0	0.0	0.0665	0.0994	0.1228	0.1713	0.2226	0.2759	1.0593
RP50/A	0.0	0.0	0.0	0.0	0.0783	0.1141	0.1409	0.1965	0.2554	0.3165	2.0753
RP100/A	0.0	0.0	0.0	0.0	0.0859	0.1285	0.1588	0.2214	0.2878	0.3566	2.2040
RP1000/A	0.0	0.0	0.0	0.0	0.1174	0.1756	0.2169	0.3025	0.3932	0.4873	2.9441
RP10000/A	0.0	0.0	0.0	0.0	0.1463	0.2218	0.2740	0.3822	0.4967	0.6156	3.5729
PMP/A	0.0	0.0	0.0	0.0	0.2703	0.4042	0.4994	0.6964	0.9051	1.1210	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BHM	LATITUDE	LONGITUDE	COUNTY
Z01 8992 0	TAABUCO CANYON = 133	970	15	06S	07W	A	5	33.657	117.592	ORANGE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1940	*****	*****	*****	*****	0.60	0.81	1.11	1.68	2.30	3.23	******
1941	*****	*****	*****	*****	0.65	0.97	1.15	1.65	2.03	2.71	35.20
1942	*****	*****	*****	*****	0.40	0.58	0.72	1.00	1.08	1.50	9.65
1943	*****	*****	*****	*****	0.54	1.04	1.48	2.76	4.00	6.14	30.68
1944	*****	*****	*****	*****	0.77	1.29	1.56	2.13	2.72	3.08	19.79
1945	*****	*****	*****	*****	0.47	0.94	1.09	1.71	2.44	3.85	19.73
1946	*****	*****	*****	*****	0.54	0.87	0.97	1.35	1.90	2.37	16.34
1947	*****	*****	*****	*****	0.66	0.82	0.89	0.99	0.99	1.13	6.48
1948	*****	*****	*****	*****	0.36	0.50	0.56	0.87	0.88	1.57	9.78
1949	*****	*****	*****	*****	0.47	0.67	1.06	1.32	1.72	2.10	14.31
1950	0.18	0.33	0.43	0.56	0.72	1.01	1.07	1.33	1.64	1.94	11.52
1951	0.14	0.21	0.25	0.34	0.48	0.73	0.89	1.19	1.92	3.49	17.73
1952	0.28	0.49	0.55	0.69	0.80	0.89	1.07	1.61	2.68	3.03	26.56
1953	0.13	0.14	0.20	0.29	0.33	0.50	0.60	0.87	0.97	1.00	6.72
1954	0.15	0.20	0.22	0.31	0.48	0.66	0.85	1.38	2.14	3.44	16.15
1955	0.20	0.30	0.36	0.54	0.69	0.84	0.98	1.17	1.35	1.52	11.98
1956	0.08	0.13	0.21	0.34	0.50	0.81	1.14	2.23	3.50	6.48	14.76
1957	0.22	0.32	0.34	0.36	0.39	0.68	0.82	1.38	1.65	1.88	21.92
1958	*****	*****	0.33	0.43	0.73	1.03	1.23	2.19	2.85	3.51	30.03
1959	*****	*****	0.22	0.27	0.40	0.59	0.82	1.19	1.40	1.76	8.18
1960	*****	*****	0.20	0.36	0.66	1.03	1.25	1.73	1.90	1.90	9.96
1961	0.09	0.18	0.25	0.34	0.64	0.86	1.18	1.39	2.24	2.88	8.10
1962	0.17	0.20	0.21	0.36	0.44	0.74	1.05	1.86	2.38	2.54	15.89
1963	0.22	0.24	0.25	0.31	0.43	0.68	0.84	1.14	1.36	1.69	15.76
1964	0.10	0.16	0.20	0.22	0.35	0.62	0.60	0.96	1.27	1.33	10.36
1965	0.20	0.35	0.48	0.90	1.15	1.19	1.28	2.34	3.44	5.05	27.30
1966	0.20	0.26	0.30	0.40	0.51	0.90	1.15	2.06	3.26	4.32	15.16
1967	0.21	0.27	0.33	0.60	0.87	1.14	1.26	1.56	1.75	2.71	17.79
1968	0.14	0.18	0.23	0.31	0.60	0.79	0.98	1.10	1.66	2.04	8.14
1969	0.30	0.47	0.50	0.58	0.73	1.10	1.42	2.29	3.20	5.28	33.62
1970	0.14	0.18	0.20	0.30	0.54	0.75	1.06	1.59	1.84	2.29	14.06
1971	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	14.27
1972	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	8.70
1973	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	15.60
1974	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	17.90

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BHM	LATITUDE	LONGITUDE	COUNTY
Z01 8992 0	TAABUCO CANYON = 133	970	15	06S	07W	A	5	33.657	117.592	ORANGE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.15	0.22	0.26	0.37	0.58	0.73	0.91	1.37	1.84	2.53	15.38
5	0.23	0.34	0.40	0.56	0.77	1.12	1.39	2.09	2.80	3.86	21.78
10	0.29	0.43	0.49	0.69	0.96	1.39	1.73	2.59	3.48	4.80	25.90
20	0.34	0.51	0.59	0.83	1.14	1.65	2.05	3.08	4.14	5.70	29.72
25	0.36	0.53	0.62	0.87	1.19	1.74	2.16	3.24	4.34	5.99	30.91
40	0.40	0.59	0.68	0.95	1.31	1.91	2.37	3.56	4.76	6.59	33.49
50	0.42	0.61	0.71	1.00	1.37	1.99	2.47	3.71	4.98	6.87	34.50
100	0.47	0.69	0.80	1.12	1.54	2.25	2.79	4.18	5.62	7.74	37.97
200	0.52	0.76	0.89	1.25	1.72	2.49	3.10	4.65	6.24	8.60	41.35
1000	0.64	0.94	1.09	1.53	2.11	3.07	3.81	5.72	7.67	10.58	48.94
10000	0.81	1.19	1.38	1.94	2.66	3.88	4.81	7.22	9.69	13.37	59.40
PMP	1.47	2.16	2.51	3.53	4.86	7.06	8.77	13.16	17.66	24.36	120.36
MEAN	0.175	0.257	0.298	0.420	0.577	0.840	1.043	1.565	2.100	2.896	18.624
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.376	1.060	1.099	1.479	1.110	0.286	0.075	0.562	0.923	1.605	0.908
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.000	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.510 ; INTERCEPT (TIME=1 HOUR) =0.596 ; COEFFICIENT OF DETERMINATION = 0.999
LNR INTERCEPT / MEAN YR =0.03580 ; AVERAGE CALC CV / USED CV = 0.66

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	3.283	3.960	3.448	5.352	5.157	2.772	3.222	2.784	4.082	6.086	3.311
N	18	18	21	21	31	31	31	31	31	31	34
RECORD YEAR	1969	1952	1952	1965	1965	1948	1948	1943	1943	1943	1941
RECORD MAXIMUM	0.300	0.490	0.550	0.900	1.150	1.290	1.560	2.760	4.000	6.140	35.260
NORMALIZED MAX	2.009	2.249	2.299	2.802	3.202	2.237	2.190	2.428	2.890	3.265	2.374
CALC. COEF. VAR	0.345	0.402	0.306	0.397	0.310	0.240	0.226	0.315	0.412	0.555	0.472
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0105	0.0155	0.0179	0.0252	0.0347	0.0505	0.0627	0.0941	0.1263	0.1742	1.0000
RP10/A	0.0174	0.0256	0.0297	0.0418	0.0575	0.0837	0.1039	0.1559	0.2093	0.2886	1.5578
RP25/A	0.0218	0.0320	0.0371	0.0522	0.0718	0.1045	0.1298	0.1947	0.2613	0.3604	1.8593
RP50/A	0.0250	0.0367	0.0426	0.0599	0.0824	0.1199	0.1489	0.2233	0.2998	0.4134	2.0753
RP100/A	0.0281	0.0414	0.0479	0.0675	0.0929	0.1350	0.1677	0.2516	0.3378	0.4658	2.2840
RP1000/A	0.0385	0.0565	0.0655	0.0922	0.1269	0.1845	0.2292	0.3438	0.4610	0.6364	2.9441
RP10000/A	0.0486	0.0714	0.0828	0.1165	0.1603	0.2331	0.2895	0.4343	0.5831	0.8040	3.5729
PMP/A	0.0885	0.1301	0.1508	0.2122	0.2921	0.4248	0.5276	0.7915	1.0625	1.4651	7.2000

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
470 897 0	BLUE CANYON AP NWS	5280	02	16N	11E	P	M	39.279	120.708	PLACER

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1944	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	48.57
1945	0.27	0.31	0.48	0.71	0.72	0.87	1.18	1.96	3.19	5.59	68.63
1946	0.06	0.11	0.15	0.22	0.38	0.60	0.84	1.92	3.45	6.60	39.68
1947	0.07	0.14	0.21	0.37	0.64	0.99	1.29	2.03	3.12	4.56	41.43
1948	0.05	0.09	0.14	0.23	0.33	0.59	0.87	1.54	2.79	4.49	62.33
1949	0.12	0.14	0.18	0.28	0.52	0.85	1.19	1.77	2.75	3.98	38.71
1950	0.12	0.24	0.35	0.61	0.86	1.35	1.75	2.74	4.82	8.66	109.35
1951	0.18	0.25	0.31	0.44	0.59	0.73	0.91	1.79	2.80	4.63	80.21
1952	0.15	0.24	0.26	0.43	0.59	0.91	1.28	1.62	2.87	4.88	86.94
1953	0.15	0.21	0.28	0.41	0.47	0.75	1.04	1.75	2.76	4.17	66.39
1954	0.14	0.18	0.19	0.22	0.39	0.68	0.90	1.56	2.39	4.33	67.63
1955	0.09	0.17	0.26	0.51	0.95	1.66	2.20	3.65	5.97	9.31	84.17
1956	0.12	0.15	0.18	0.32	0.49	0.83	1.03	1.75	2.65	4.31	58.41
1957	0.07	0.11	0.15	0.29	0.52	0.88	1.14	1.97	3.42	5.15	73.30
1958	0.09	0.18	0.20	0.24	0.38	0.75	1.10	1.97	2.90	4.08	73.37
1959	0.15	0.23	0.24	0.42	0.52	0.94	1.27	1.86	3.03	4.62	47.26
1960	0.15	0.17	0.24	0.30	0.51	0.76	1.18	2.42	4.76	8.30	66.91
1961	0.17	0.23	0.35	0.40	0.50	0.75	0.76	1.15	1.91	3.13	45.05
1962	0.14	0.24	0.32	0.40	0.63	0.97	1.50	2.27	4.36	7.93	77.16
1963	0.15	0.25	0.35	0.35	0.43	0.78	1.09	2.97	5.50	9.10	75.03
1964	0.18	0.22	0.23	0.37	0.64	1.07	1.35	2.87	5.09	9.33	88.85
1965	0.14	0.19	0.25	0.40	0.65	0.92	1.17	1.82	2.93	3.93	55.59
1966	0.08	0.16	0.23	0.38	0.46	0.60	1.07	1.75	2.16	3.01	49.41
1967	0.25	0.50	0.50	0.77	0.95	1.27	1.66	2.68	4.51	7.24	72.77
1968	0.08	0.14	0.19	0.39	0.60	0.87	1.12	1.72	2.57	3.61	64.57
1969	0.10	0.18	0.23	0.33	0.62	0.93	1.05	1.62	2.81	4.82	88.74
1970	0.07	0.12	0.16	0.22	0.45	0.86	1.25	2.07	3.44	6.14	89.56
1971	0.06	0.08	0.11	0.20	0.42	0.73	1.00	1.76	2.73	4.46	67.87
1972	0.07	0.11	0.17	0.30	0.44	0.70	0.99	1.74	3.33	3.61	54.57
1973	0.13	0.23	0.25	0.33	0.49	0.67	0.90	1.50	2.62	4.56	90.80
1974	0.17	0.23	0.26	0.36	0.42	0.82	1.24	1.69	3.00	4.70	65.28
1975	0.12	0.18	0.25	0.32	0.62	0.69	0.86	1.38	2.63	3.57	70.61

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
470 897 0	BLUE CANYON AP NWS	5280	02	16N	11E	P	M	39.279	120.708	PLACER

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.18	0.23	0.35	0.52	0.81	1.10	1.86	3.13	5.05	66.47
5	0.16	0.24	0.31	0.47	0.70	1.08	1.46	2.48	4.18	6.75	83.89
10	0.18	0.28	0.36	0.54	0.81	1.26	1.70	2.88	4.85	7.84	93.76
20	0.21	0.32	0.41	0.61	0.92	1.42	1.92	3.25	5.48	8.86	102.32
25	0.21	0.33	0.42	0.63	0.95	1.47	1.99	3.37	5.68	9.17	104.88
40	0.22	0.33	0.43	0.64	0.97	1.50	2.02	3.43	5.77	9.33	110.04
50	0.24	0.36	0.46	0.70	1.05	1.62	2.20	3.72	6.27	10.12	112.39
100	0.26	0.40	0.51	0.76	1.14	1.77	2.40	4.06	6.84	11.04	119.38
200	0.28	0.43	0.55	0.82	1.24	1.92	2.59	4.39	7.39	11.94	125.96
1000	0.33	0.50	0.64	0.96	1.45	2.24	3.03	5.13	8.64	13.96	140.10
10000	0.39	0.60	0.77	1.16	1.73	2.68	3.63	6.14	10.36	16.73	158.46
PMP	0.77	1.18	1.51	2.27	3.41	5.28	7.14	12.09	20.37	32.90	363.67
MEAN	0.125	0.193	0.247	0.372	0.557	0.864	1.167	1.976	3.331	5.381	67.786
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.857	1.856	1.166	1.436	1.123	1.833	1.688	1.454	1.210	1.005	0.165
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.387 ; INTERCEPT (TIME=1 HOUR) =0.574 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.00847 ; AVERAGE CALC CV / USED CV = 0.99

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.146	9.438	4.838	5.629	4.412	7.428	7.127	5.488	3.846	2.946	2.969
N	31	31	31	31	31	31	31	31	31	31	32
RECORD YEAR	1945	1967	1967	1967	1955	1955	1955	1955	1955	1964	1950
RECORD MAXIMUM	0.270	0.500	0.500	0.770	0.950	1.660	2.200	3.650	5.970	9.330	109.350
NORMILIZED MAX	2.732	3.858	2.788	2.985	2.541	3.494	3.482	3.166	2.617	2.052	2.429
CALC. COEF. VAR	0.422	0.413	0.368	0.359	0.277	0.264	0.254	0.267	0.303	0.358	0.252
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0019	0.0028	0.0036	0.0055	0.0082	0.0127	0.0172	0.0292	0.0491	0.0794	1.0000
RP10/A	0.0027	0.0041	0.0053	0.0080	0.0120	0.0186	0.0251	0.0425	0.0716	0.1157	1.3832
RP25/A	0.0032	0.0049	0.0062	0.0093	0.0140	0.0217	0.0293	0.0497	0.0838	0.1353	1.5472
RP50/A	0.0035	0.0054	0.0068	0.0103	0.0155	0.0240	0.0324	0.0549	0.0925	0.1493	1.6580
RP100/A	0.0038	0.0058	0.0075	0.0113	0.0169	0.0261	0.0353	0.0598	0.1009	0.1629	1.7611
RP1000/A	0.0048	0.0074	0.0094	0.0142	0.0213	0.0330	0.0447	0.0756	0.1275	0.2059	2.0668
RP10000/A	0.0058	0.0088	0.0113	0.0170	0.0256	0.0396	0.0535	0.0907	0.1528	0.2468	2.3377
PMP/A	0.0113	0.0174	0.0223	0.0335	0.0503	0.0779	0.1053	0.1783	0.3005	0.4854	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A70 5586 0	MICHIGAN BLUFF	3650	21	14N	11E	J	M	39.049	120.823	PLACER

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.15	0.21	0.24	0.28	0.44	0.75	0.90	1.57	2.07	2.82	******
1941	0.16	0.21	0.23	0.38	0.52	0.88	0.98	1.27	2.04	2.90	58.93
1942	0.12	0.18	0.21	0.24	0.67	1.33	1.85	2.45	2.91	4.09	62.16
1943	0.13	0.17	0.23	0.35	0.44	0.83	1.16	2.19	3.42	5.15	49.46
1944	0.15	0.26	0.35	0.59	0.75	1.19	1.26	1.47	2.77	3.67	47.19
1945	0.16	0.25	0.35	0.46	0.66	0.86	1.19	1.85	2.98	4.96	63.10
1946	0.13	0.24	0.30	0.34	0.48	0.69	0.88	1.63	3.11	4.51	35.65
1947	0.12	0.15	0.22	0.33	0.49	0.88	0.77	1.19	2.10	3.34	31.77
1948	0.10	0.11	0.15	0.21	0.38	0.65	0.90	1.63	1.96	3.31	50.17
1949	0.07	0.10	0.13	0.20	0.38	0.59	0.76	1.15	2.01	3.65	36.03
1950	0.29	0.38	0.40	0.50	0.66	1.01	1.30	2.30	3.80	6.81	78.67
1951	*****	*****	0.15	0.25	0.48	0.70	0.95	1.70	3.05	4.04	62.71
1952	*****	*****	0.21	0.28	0.43	0.62	0.82	1.25	2.03	2.29	54.58
1953	*****	*****	0.25	0.33	0.52	0.70	0.87	1.70	2.66	2.97	38.36
1954	*****	*****	0.25	0.26	0.41	0.71	0.89	1.20	2.10	3.08	47.67
1955	*****	*****	0.20	0.27	0.45	0.70	1.11	1.85	2.76	3.70	55.96
1956	*****	*****	0.30	0.39	0.67	1.07	1.25	1.63	2.01	2.91	40.87
1957	*****	*****	0.35	0.49	0.52	0.88	1.16	1.64	2.29	3.52	54.64
1958	*****	*****	0.13	0.18	0.30	0.53	0.75	1.41	2.28	3.32	54.96
1959	*****	*****	0.11	0.20	0.40	0.75	1.03	1.69	2.02	2.39	29.39
1960	*****	*****	0.26	0.32	0.35	0.63	0.89	1.64	2.88	4.89	48.90
1962	0.13	0.24	0.31	0.35	0.50	0.90	1.33	2.32	3.94	5.96	58.49
1963	0.21	0.24	0.32	0.38	0.60	0.89	1.14	1.73	2.73	4.69	48.08
1964	0.13	0.17	0.26	0.41	0.80	1.24	1.57	2.38	4.22	7.03	59.07
1965	0.20	0.30	0.37	0.48	0.68	0.96	1.24	1.94	2.31	3.10	38.14
1966	0.14	0.24	0.28	0.35	0.40	0.54	0.63	1.15	1.43	2.10	30.23
1967	0.08	0.11	0.17	0.33	0.62	1.04	1.34	1.84	1.96	2.74	49.30
1968	0.10	0.12	0.15	0.23	0.38	0.60	0.79	1.25	1.90	2.25	41.65
1969	0.13	0.17	0.22	0.27	0.36	0.58	0.87	1.39	1.83	2.85	57.91
1970	0.06	0.11	0.15	0.21	0.37	0.56	0.82	1.32	2.18	3.94	56.44
1971	0.08	0.16	0.24	0.42	0.56	0.80	1.09	1.38	1.68	2.31	32.22
1972	0.11	0.12	0.18	0.26	0.40	0.77	1.05	1.95	2.84	3.21	37.06
1973	*****	*****	*****	*****	0.38	0.73	1.01	1.23	2.00	2.95	65.44
1974	*****	*****	*****	*****	0.32	0.57	0.77	1.25	1.97	3.04	43.03

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A70 5586 0	MICHIGAN BLUFF	3650	21	14N	11E	J	M	39.049	120.823	PLACER

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.18	0.23	0.31	0.46	0.74	0.98	1.53	2.33	3.45	48.09
5	0.17	0.24	0.30	0.42	0.62	0.99	1.30	2.05	3.11	4.60	60.69
10	0.20	0.28	0.35	0.48	0.72	1.15	1.51	2.38	3.61	5.35	67.83
20	0.22	0.32	0.39	0.55	0.81	1.30	1.71	2.69	4.08	6.04	74.02
25	0.23	0.33	0.41	0.57	0.84	1.35	1.77	2.78	4.22	6.26	75.87
40	0.23	0.33	0.42	0.58	0.85	1.37	1.80	2.83	4.29	6.36	79.60
50	0.25	0.36	0.45	0.63	0.93	1.49	1.95	3.07	4.66	6.91	81.31
100	0.28	0.40	0.49	0.68	1.01	1.63	2.13	3.35	5.09	7.53	86.36
200	0.30	0.43	0.53	0.74	1.09	1.76	2.31	3.63	5.50	8.15	91.12
1000	0.35	0.50	0.62	0.86	1.28	2.05	2.69	4.24	6.43	9.52	101.35
10000	0.42	0.60	0.75	1.03	1.53	2.46	3.23	5.08	7.70	11.41	114.63
PMP	0.82	1.18	1.47	2.03	3.02	4.84	6.35	9.99	15.15	22.44	263.08
MEAN	0.134	0.193	0.240	0.332	0.493	0.792	1.039	1.634	2.478	3.670	49.037
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.352	0.752	0.248	0.603	0.680	0.970	1.078	0.653	0.979	1.236	0.175
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.434 ; INTERCEPT (TIME=1 HOUR) =0.526 ; COEFFICIENT OF DETERMINATION = 0.993
1HR INTERCEPT / MEAN YR =0.01072 ; AVERAGE CALC CV / USED CV = 0.90

KURTOSIS	6.258	3.857	2.482	3.247	2.725	3.593	4.813	2.809	3.640	4.422	2.892
N	22	22	32	32	34	34	34	34	34	34	33
RECORD YEAR	1950	1950	1950	1944	1964	1942	1942	1942	1964	1964	1950
RECORD MAXIMUM	0.290	0.380	0.400	0.590	0.800	1.330	1.850	2.450	4.220	7.030	78.670
NORMILIZED MAX	3.043	2.609	2.068	2.578	2.346	2.609	3.144	2.165	2.608	2.731	2.504
CALC. COEF. VAR	0.382	0.373	0.323	0.300	0.265	0.260	0.248	0.231	0.270	0.335	0.241
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0027	0.0039	0.0049	0.0068	0.0101	0.0162	0.0212	0.0333	0.0505	0.0748	1.0000
RP10/A	0.0040	0.0057	0.0071	0.0099	0.0147	0.0235	0.0309	0.0485	0.0736	0.1091	1.3832
RP25/A	0.0047	0.0067	0.0083	0.0116	0.0171	0.0275	0.0361	0.0568	0.0861	0.1276	1.5472
RP50/A	0.0051	0.0074	0.0092	0.0128	0.0189	0.0304	0.0399	0.0627	0.0951	0.1408	1.6580
RP100/A	0.0056	0.0081	0.0100	0.0139	0.0206	0.0332	0.0435	0.0684	0.1037	0.1536	1.7611
RP1000/A	0.0071	0.0102	0.0127	0.0176	0.0261	0.0419	0.0549	0.0864	0.1310	0.1941	2.0668
RP10000/A	0.0085	0.0122	0.0152	0.0211	0.0313	0.0502	0.0659	0.1036	0.1571	0.2327	2.3377
PMP/A	0.0167	0.0240	0.0299	0.0415	0.0615	0.0988	0.1295	0.2037	0.3090	0.4577	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A50 128 10	ALMANOR CL 1	6440	13	26N	05E		M	40.114	121.364	PLUMAS

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1969	0.04	0.08	0.10	0.18	0.33	0.56	0.74	1.36	1.95	3.25	45.85
1972	0.02	0.04	0.06	0.10	0.17	0.31	0.44	0.82	1.39	2.10	21.47
1973	0.03	0.04	0.08	0.11	0.21	0.42	0.62	1.15	1.93	3.31	38.98
1974	0.16	0.30	0.37	0.40	0.50	0.88	0.95	1.64	3.04	4.90	45.59
1975	0.10	0.13	0.15	0.20	0.22	0.47	0.48	0.67	0.86	1.57	32.15

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A50 128 10	ALMANOR CL 1	6440	13	26N	05E		M	40.114	121.364	PLUMAS

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.07	0.11	0.14	0.19	0.27	0.50	0.61	1.06	1.72	2.84	36.10
5	0.09	0.15	0.19	0.25	0.36	0.66	0.81	1.41	2.30	3.80	45.55
10	0.10	0.17	0.22	0.29	0.42	0.77	0.94	1.64	2.67	4.41	50.91
20	0.12	0.19	0.25	0.33	0.47	0.87	1.06	1.86	3.02	4.98	55.56
25	0.12	0.20	0.26	0.34	0.49	0.90	1.10	1.92	3.13	5.16	56.95
40	0.12	0.20	0.26	0.34	0.50	0.92	1.12	1.95	3.18	5.24	59.75
50	0.13	0.22	0.29	0.37	0.54	0.99	1.22	2.12	3.45	5.69	61.03
100	0.14	0.24	0.31	0.41	0.59	1.08	1.33	2.32	3.76	6.21	64.82
200	0.16	0.26	0.34	0.44	0.63	1.17	1.43	2.50	4.07	6.72	68.40
1000	0.18	0.31	0.39	0.51	0.74	1.37	1.68	2.93	4.76	7.85	76.08
10000	0.22	0.37	0.47	0.62	0.89	1.64	2.01	3.51	5.70	9.41	86.05
PMP	0.43	0.72	0.93	1.21	1.75	3.23	3.95	6.90	11.21	18.50	197.47
MEAN	0.070	0.118	0.152	0.198	0.286	0.528	0.646	1.128	1.834	3.026	36.808
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.087	1.651	1.872	1.559	1.330	1.307	0.729	0.146	0.585	0.535	-0.882
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.398 ; INTERCEPT (TIME=1 HOUR) =0.324 ; COEFFICIENT OF DETERMINATION = 0.977
1HR INTERCEPT / MEAN YR =0.00881 ; AVERAGE CALC CV / USED CV = 1.84

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	6.466	8.898	9.657	8.856	7.649	8.421	6.304	5.384	7.400	6.682	6.452
N	5	5	5	5	5	5	5	5	5	5	5
RECORD YEAR	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1969
RECORD MAXIMUM	0.160	0.300	0.370	0.400	0.500	0.880	0.950	1.640	3.040	4.900	45.850
NORMILIZED MAX	1.521	1.681	1.725	1.671	1.603	1.626	1.466	1.299	1.489	1.457	0.882
CALC. COEF. VAR	0.845	0.917	0.831	0.611	0.467	0.410	0.321	0.349	0.442	0.425	0.279
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0019	0.0032	0.0041	0.0054	0.0078	0.0143	0.0176	0.0306	0.0498	0.0822	1.0000
RP10/A	0.0028	0.0047	0.0060	0.0078	0.0113	0.0209	0.0256	0.0447	0.0726	0.1198	1.3832
RP25/A	0.0032	0.0055	0.0070	0.0092	0.0132	0.0244	0.0299	0.0522	0.0849	0.1401	1.5472
RP50/A	0.0036	0.0060	0.0078	0.0101	0.0146	0.0270	0.0330	0.0577	0.0937	0.1547	1.6580
RP100/A	0.0039	0.0066	0.0085	0.0110	0.0159	0.0294	0.0360	0.0629	0.1023	0.1687	1.7611
RP1000/A	0.0049	0.0083	0.0107	0.0140	0.0202	0.0372	0.0455	0.0795	0.1292	0.2132	2.0668
RP10000/A	0.0059	0.0100	0.0128	0.0167	0.0242	0.0446	0.0546	0.0953	0.1549	0.2556	2.3377
PMP/A	0.0116	0.0196	0.0253	0.0329	0.0475	0.0877	0.1073	0.1874	0.3047	0.5027	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT RMH	LATITUDE	LONGITUDE	COUNTY
A50 12P 12	ALMANOR CL 5	4640	02	26N	06E M	40.143	121.283	PLUMAS

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1969	*****	*****	*****	*****	0.90	1.11	1.33	1.86	2.64	3.92	52.09
1972	0.03	0.05	0.09	0.17	0.34	0.59	0.80	1.44	2.40	2.92	26.27
1973	0.14	0.19	0.20	0.25	0.40	0.65	0.81	1.40	2.83	3.83	32.49
1974	0.07	0.11	0.14	0.21	0.40	0.65	0.89	1.62	2.27	3.72	42.78
1975	0.06	0.10	0.12	0.20	0.38	0.55	0.70	1.19	1.98	2.90	35.77

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT RMH	LATITUDE	LONGITUDE	COUNTY
A50 12B 12	ALMANOR CL 5	4640	02	26N	06E M	40.143	121.283	PLUMAS

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.07	0.11	0.13	0.19	0.45	0.67	0.85	1.41	2.28	3.25	37.15
5	0.09	0.14	0.17	0.26	0.61	0.89	1.14	1.88	3.04	4.34	46.88
10	0.11	0.16	0.20	0.30	0.71	1.03	1.32	2.19	3.53	5.04	52.39
20	0.12	0.19	0.23	0.34	0.80	1.17	1.49	2.47	3.99	5.69	57.18
25	0.13	0.19	0.23	0.35	0.82	1.21	1.54	2.56	4.13	5.89	58.61
40	0.13	0.19	0.24	0.36	0.84	1.23	1.57	2.60	4.20	5.99	61.49
50	0.14	0.21	0.26	0.39	0.91	1.34	1.70	2.83	4.56	6.51	62.81
100	0.15	0.23	0.28	0.43	0.99	1.46	1.86	3.08	4.98	7.10	66.71
200	0.17	0.25	0.31	0.46	1.07	1.58	2.01	3.33	5.38	7.67	70.39
1000	0.19	0.29	0.36	0.54	1.26	1.84	2.35	3.90	6.29	8.97	78.29
10000	0.23	0.35	0.43	0.65	1.50	2.21	2.82	4.67	7.54	10.75	88.55
PMP	0.46	0.69	0.84	1.27	2.96	4.34	5.54	9.18	14.82	21.15	203.23
MEAN	0.075	0.112	0.137	0.207	0.484	0.710	0.906	1.502	2.424	3.458	37.880
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.190	0.751	0.875	0.437	2.173	2.041	1.821	0.414	-0.166	-0.521	0.535
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.271 ; INTERCEPT (TIME=1 HOUR) =0.414 ; COEFFICIENT OF DETERMINATION = 0.907
1HR INTERCEPT / MEAN YR =0.01093 ; AVERAGE CALC CV / USED CV = 1.13

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	12.498	12.143	11.703	11.733	10.659	10.263	9.696	6.790	6.116	3.997	6.475
N	4	4	4	4	5	5	5	5	5	5	5
RECORD YEAR	1973	1973	1973	1973	1969	1969	1969	1969	1973	1969	1969
RECORD MAXIMUM	0.140	0.190	0.200	0.250	0.900	1.110	1.330	1.860	2.830	3.920	52.090
NORMILIZED MAX	1.396	1.337	1.345	1.286	1.779	1.757	1.721	1.422	1.234	0.914	1.431
CALC. COEF. VAR	0.621	0.515	0.338	0.159	0.483	0.321	0.272	0.168	0.136	0.146	0.262
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0020	0.0030	0.0036	0.0055	0.0128	0.0187	0.0239	0.0397	0.0640	0.0913	1.0000
RP10/A	0.0029	0.0043	0.0053	0.0080	0.0186	0.0273	0.0349	0.0578	0.0933	0.1330	1.3832
RP25/A	0.0034	0.0051	0.0062	0.0093	0.0218	0.0319	0.0408	0.0676	0.1091	0.1556	1.5472
RP50/A	0.0037	0.0056	0.0068	0.0103	0.0240	0.0353	0.0450	0.0746	0.1204	0.1718	1.6580
RP100/A	0.0041	0.0061	0.0075	0.0112	0.0262	0.0385	0.0491	0.0814	0.1313	0.1874	1.7611
RP1000/A	0.0051	0.0077	0.0094	0.0142	0.0331	0.0486	0.0620	0.1028	0.1660	0.2368	2.0668
RP10000/A	0.0062	0.0092	0.0113	0.0170	0.0397	0.0583	0.0744	0.1233	0.1990	0.2838	2.3377
PMP/A	0.0121	0.0182	0.0222	0.0335	0.0781	0.1146	0.1463	0.2425	0.3913	0.5582	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 128 20	ALMANOR FR 3	4960	28	28N	06E		M	40.264	121.322	PLUMAS

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1962	0.05	0.07	0.10	0.15	0.30	0.55	0.64	1.05	1.50	2.48	28.31
1963	0.06	0.10	0.11	0.19	0.37	0.58	0.83	1.36	2.49	3.65	45.50
1964	0.05	0.08	0.10	0.16	0.25	0.47	0.68	1.17	1.81	2.21	26.17
1965	0.08	0.12	0.16	0.25	0.41	0.68	0.76	1.27	2.77	4.74	48.03
1966	0.14	0.22	0.24	0.33	0.40	0.46	0.63	0.96	1.58	2.12	31.14
1967	0.06	0.09	0.10	0.15	0.27	0.45	0.68	1.29	2.36	4.02	46.39
1973	0.03	0.05	0.08	0.16	0.28	0.51	0.72	1.24	2.07	2.90	40.81
1974	0.13	0.20	0.31	0.49	0.67	0.72	0.72	1.30	2.28	2.85	32.26
1975	0.06	0.12	0.15	0.26	0.38	0.51	0.72	1.25	2.10	3.04	41.16

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 128 20	ALMANOR FR 3	4960	28	28N	06E		M	40.264	121.322	PLUMAS

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.07	0.11	0.14	0.22	0.35	0.51	0.67	1.14	1.98	2.92	37.02
5	0.09	0.15	0.19	0.30	0.46	0.69	0.89	1.52	2.64	3.90	46.72
10	0.11	0.17	0.22	0.35	0.54	0.80	1.03	1.76	3.07	4.54	52.22
20	0.12	0.19	0.25	0.39	0.61	0.90	1.17	1.99	3.47	5.12	56.98
25	0.12	0.20	0.26	0.41	0.63	0.93	1.21	2.06	3.59	5.30	58.41
40	0.13	0.20	0.26	0.41	0.64	0.95	1.23	2.10	3.65	5.39	61.28
50	0.14	0.22	0.28	0.45	0.70	1.03	1.33	2.28	3.96	5.86	62.59
100	0.15	0.24	0.31	0.49	0.76	1.12	1.46	2.48	4.32	6.39	66.48
200	0.16	0.26	0.33	0.53	0.82	1.22	1.57	2.69	4.68	6.91	70.15
1000	0.19	0.30	0.39	0.62	0.96	1.42	1.84	3.14	5.46	8.07	78.03
10000	0.23	0.36	0.47	0.74	1.15	1.70	2.20	3.76	6.55	9.68	88.25
PMP	0.45	0.71	0.92	1.45	2.26	3.35	4.33	7.40	12.88	19.03	202.54
MEAN	0.073	0.117	0.150	0.238	0.370	0.548	0.709	1.210	2.107	3.112	37.752
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.119	1.015	1.407	1.599	1.807	0.944	0.723	-1.117	-0.056	0.782	-0.162
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.369 ; INTERCEPT (TIME=1 HOUR) =0.360 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.00953 ; AVERAGE CALC CV / USED CV = 1.09

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	4.216	4.124	5.174	6.332	7.760	3.845	4.786	4.543	3.388	3.999	2.440
N	9	9	9	9	9	9	9	9	9	9	9
RECORD YEAR	1966	1966	1974	1974	1974	1974	1963	1963	1965	1965	1965
RECORD MAXIMUM	0.140	0.220	0.310	0.490	0.670	0.720	0.830	1.360	2.770	4.740	48.030
NORMILIZED MAX	1.782	1.792	2.070	2.228	2.353	1.786	1.968	1.164	1.577	1.867	1.230
CALC. COEF. VAR	0.510	0.494	0.515	0.476	0.345	0.176	0.087	0.106	0.200	0.280	0.221
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0019	0.0031	0.0040	0.0063	0.0098	0.0145	0.0188	0.0321	0.0558	0.0824	1.0000
RP10/A	0.0028	0.0045	0.0058	0.0092	0.0143	0.0211	0.0274	0.0467	0.0813	0.1201	1.3832
RP25/A	0.0033	0.0053	0.0068	0.0107	0.0167	0.0247	0.0320	0.0546	0.0951	0.1405	1.5472
RP50/A	0.0037	0.0058	0.0075	0.0118	0.0184	0.0273	0.0353	0.0603	0.1050	0.1551	1.6580
RP100/A	0.0040	0.0063	0.0082	0.0129	0.0201	0.0298	0.0385	0.0658	0.1145	0.1692	1.7611
RP1000/A	0.0050	0.0080	0.0103	0.0163	0.0254	0.0376	0.0487	0.0831	0.1447	0.2138	2.0668
RP10000/A	0.0060	0.0096	0.0124	0.0196	0.0305	0.0451	0.0584	0.0996	0.1735	0.2563	2.3377
PMP/A	0.0119	0.0189	0.0243	0.0385	0.0599	0.0887	0.1148	0.1960	0.3412	0.5041	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
A50 128 21	ALMANOR FR 7	6250	02	29N	05E		M	40.400	121.383	PLUMAS

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1962	*****	*****	*****	*****	0.14	0.23	0.32	0.62	1.04	1.18	31.26
1963	*****	*****	*****	*****	0.23	0.41	0.56	1.00	1.83	2.89	43.15
1964	*****	*****	*****	*****	0.23	0.43	0.63	1.13	1.77	2.12	24.70
1965	*****	*****	*****	*****	0.29	0.48	0.68	1.33	2.20	4.39	42.01
1966	*****	*****	*****	*****	0.27	0.48	0.63	0.85	1.44	2.26	26.04
1967	*****	*****	*****	*****	0.29	0.56	0.76	1.48	2.63	3.35	41.71
1973	*****	*****	*****	*****	0.24	0.32	0.43	0.63	1.16	1.60	33.76
1974	*****	*****	*****	*****	0.68	0.95	1.05	1.38	2.30	3.24	44.76
1975	*****	*****	*****	*****	0.24	0.38	0.50	0.77	1.32	1.93	40.60

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
A50 128 21	ALMANOR FR 7	6250	02	29N	05E		M	40.400	121.383	PLUMAS

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.0	0.0	0.27	0.44	0.58	0.96	1.64	2.39	35.74
5	0.0	0.0	0.0	0.0	0.36	0.59	0.77	1.28	2.19	3.20	45.10
10	0.0	0.0	0.0	0.0	0.42	0.69	0.90	1.49	2.54	3.72	50.41
20	0.0	0.0	0.0	0.0	0.48	0.78	1.02	1.68	2.87	4.20	55.01
25	0.0	0.0	0.0	0.0	0.49	0.80	1.05	1.74	2.97	4.35	56.38
40	0.0	0.0	0.0	0.0	0.50	0.82	1.07	1.77	3.02	4.42	59.16
50	0.0	0.0	0.0	0.0	0.55	0.89	1.16	1.92	3.28	4.80	60.42
100	0.0	0.0	0.0	0.0	0.60	0.97	1.27	2.10	3.58	5.24	64.18
200	0.0	0.0	0.0	0.0	0.64	1.05	1.37	2.27	3.87	5.66	67.72
1000	0.0	0.0	0.0	0.0	0.75	1.22	1.60	2.65	4.52	6.62	75.32
10000	0.0	0.0	0.0	0.0	0.90	1.46	1.92	3.17	5.42	7.93	85.19
PMP	0.0	0.0	0.0	0.0	1.77	2.88	3.78	6.24	10.66	15.60	195.52
MEAN	0.0	0.0	0.0	0.0	0.290	0.471	0.618	1.021	1.743	2.551	36.443
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	2.481	1.748	0.852	0.131	0.305	0.527	-0.583
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.310 ; INTERCEPT (TIME=1 HOUR) =0.291 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.00797 ; AVERAGE CALC CV / USED CV = 1.27

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	0.0	0.0	10.425	7.924	5.547	2.634	3.055	3.958	2.813
N	0	0	0	0	9	9	9	9	9	9	9
RECORD YEAR	0	0	0	0	1974	1974	1974	1967	1967	1965	1974
RECORD MAXIMUM	0.0	0.0	0.0	0.0	0.680	0.950	1.050	1.480	2.630	4.390	44.760
NORMILIZED MAX	0.0	0.0	0.0	0.0	2.550	2.350	2.059	1.405	1.612	1.833	1.085
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.527	0.432	0.340	0.320	0.315	0.393	0.210
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0	0.0	0.0	0.0080	0.0129	0.0170	0.0280	0.0478	0.0700	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0116	0.0188	0.0247	0.0408	0.0697	0.1020	1.3832
RP25/A	0.0	0.0	0.0	0.0	0.0136	0.0220	0.0289	0.0478	0.0815	0.1193	1.5472
RP50/A	0.0	0.0	0.0	0.0	0.0150	0.0243	0.0319	0.0527	0.0900	0.1317	1.6580
RP100/A	0.0	0.0	0.0	0.0	0.0163	0.0265	0.0348	0.0575	0.0982	0.1437	1.7611
RP1000/A	0.0	0.0	0.0	0.0	0.0206	0.0335	0.0440	0.0727	0.1241	0.1816	2.0668
RP10000/A	0.0	0.0	0.0	0.0	0.0247	0.0402	0.0527	0.0871	0.1487	0.2176	2.3377
PMP/A	0.0	0.0	0.0	0.0	0.0487	0.0790	0.1037	0.1713	0.2925	0.4281	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 128 24	ALMANOR MH 1	4780	35	29N	06E		M	40.333	121.272	PLUMAS

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1962	0.03	0.06	0.09	0.15	0.30	0.45	0.50	0.84	1.19	1.65	34.78
1963	0.08	0.10	0.16	0.22	0.40	0.82	1.15	1.80	2.45	4.22	50.06
1964	0.07	0.11	0.15	0.21	0.36	0.69	1.00	1.61	2.02	2.70	34.23
1965	0.09	0.10	0.12	0.19	0.39	0.52	0.71	1.36	2.44	4.46	61.44
1966	0.08	0.10	0.15	0.21	0.41	0.70	0.89	1.35	1.81	2.32	35.54
1967	0.09	0.10	0.11	0.16	0.29	0.58	0.80	1.43	2.60	4.55	49.80
1973	0.05	0.07	0.09	0.13	0.18	0.24	0.36	0.66	1.13	1.55	32.75
1974	0.06	0.12	0.15	0.19	0.26	0.46	0.67	1.17	1.74	2.41	41.05
1975	0.02	0.03	0.04	0.09	0.16	0.29	0.44	0.88	1.60	2.91	27.72

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 128 24	ALMANOR MH 1	4780	35	29N	06E		M	40.333	121.272	PLUMAS

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.06	0.08	0.11	0.16	0.29	0.50	0.68	1.16	1.77	2.79	40.03
5	0.08	0.11	0.15	0.22	0.38	0.66	0.91	1.55	2.37	3.73	50.52
10	0.09	0.13	0.17	0.25	0.45	0.77	1.06	1.80	2.75	4.33	56.46
20	0.10	0.14	0.19	0.28	0.50	0.87	1.19	2.03	3.11	4.90	61.61
25	0.11	0.15	0.20	0.29	0.52	0.90	1.23	2.10	3.22	5.07	63.15
40	0.11	0.15	0.20	0.30	0.53	0.91	1.26	2.14	3.27	5.15	66.26
50	0.12	0.17	0.22	0.32	0.57	0.99	1.36	2.32	3.55	5.60	67.68
100	0.13	0.18	0.24	0.35	0.63	1.08	1.49	2.53	3.87	6.11	71.89
200	0.14	0.19	0.26	0.38	0.68	1.17	1.61	2.74	4.19	6.60	75.85
1000	0.16	0.23	0.31	0.45	0.79	1.37	1.88	3.20	4.69	7.71	84.37
10000	0.20	0.27	0.37	0.54	0.95	1.64	2.25	3.83	5.87	9.25	95.42
PMP	0.39	0.54	0.72	1.05	1.87	3.23	4.43	7.54	11.54	18.19	218.99
MEAN	0.063	0.088	0.118	0.172	0.306	0.528	0.724	1.233	1.887	2.974	40.819
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	-0.711	-1.152	-0.874	-0.827	-0.482	-0.082	0.175	-0.140	-0.068	0.349	0.671
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.307 ; INTERCEPT (TIME=1 HOUR) =0.316 ; COEFFICIENT OF DETERMINATION = 0.963
1HR INTERCEPT / MEAN YR =0.00773 ; AVERAGE CALC CV / USED CV = 0.98

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	3.401	4.757	4.326	4.044	3.091	3.385	3.281	3.218	2.942	2.742	4.093
N	9	9	9	9	9	9	9	9	9	9	9
RECORD YEAR	1965	1974	1963	1963	1966	1963	1963	1963	1967	1967	1965
RECORD MAXIMUM	0.090	0.120	0.160	0.220	0.410	0.820	1.150	1.800	2.600	4.550	61.440
NORMILIZED MAX	1.046	1.126	1.066	1.105	1.123	1.524	1.612	1.499	1.325	1.353	1.907
CALC. COEF. VAR	0.403	0.326	0.336	0.251	0.304	0.363	0.364	0.307	0.285	0.392	0.265
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0016	0.0022	0.0029	0.0042	0.0075	0.0129	0.0177	0.0302	0.0462	0.0729	1.0000
RP10/A	0.0023	0.0031	0.0042	0.0061	0.0109	0.0186	0.0259	0.0440	0.0674	0.1062	1.3832
RP25/A	0.0026	0.0037	0.0049	0.0072	0.0128	0.0220	0.0302	0.0515	0.0788	0.1242	1.5472
RP50/A	0.0029	0.0040	0.0054	0.0079	0.0141	0.0243	0.0334	0.0568	0.0870	0.1371	1.6580
RP100/A	0.0032	0.0044	0.0059	0.0087	0.0154	0.0265	0.0364	0.0620	0.0949	0.1496	1.7611
RP1000/A	0.0040	0.0056	0.0075	0.0109	0.0194	0.0335	0.0460	0.0784	0.1199	0.1890	2.0668
RP10000/A	0.0048	0.0067	0.0090	0.0131	0.0233	0.0402	0.0552	0.0939	0.1437	0.2266	2.3377
PMP/A	0.0095	0.0131	0.0176	0.0258	0.0458	0.0791	0.1085	0.1848	0.2826	0.4456	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 12B 40	ALMANOR WW 2	4600	17	28N	0PE		M	40.281	121.103	PLUMAS

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1962	*****	*****	*****	*****	0.21	0.41	0.60	0.96	1.38	2.12	31.91
1963	0.03	0.06	0.09	0.15	0.29	0.50	0.65	0.97	1.65	2.30	37.75
1964	0.05	0.08	0.10	0.20	0.35	0.65	0.95	1.59	2.45	3.12	19.42
1965	0.03	0.06	0.10	0.16	0.30	0.57	0.76	1.41	2.67	3.86	40.66
1966	0.04	0.07	0.10	0.19	0.31	0.53	0.73	1.08	1.49	2.26	18.75
1967	0.03	0.06	0.10	0.19	0.31	0.60	0.84	1.50	2.63	3.38	40.49
1973	*****	*****	*****	*****	0.10	0.19	0.27	0.33	0.45	0.46	36.75
1974	0.12	0.14	0.16	0.25	0.36	0.48	0.70	1.08	1.69	3.13	54.30
1975	0.04	0.06	0.11	0.20	0.35	0.58	0.71	0.92	1.29	1.94	40.52

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 12B 40	ALMANOR WW 2	4600	17	28N	0PE		M	40.281	121.103	PLUMAS

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.05	0.07	0.10	0.18	0.27	0.47	0.65	1.03	1.64	2.35	34.93
5	0.06	0.09	0.14	0.24	0.36	0.63	0.87	1.37	2.19	3.15	44.08
10	0.07	0.11	0.16	0.28	0.42	0.73	1.01	1.59	2.54	3.65	49.26
20	0.08	0.12	0.18	0.32	0.47	0.82	1.14	1.80	2.87	4.13	53.76
25	0.08	0.13	0.19	0.33	0.49	0.85	1.18	1.86	2.97	4.27	55.11
40	0.08	0.13	0.19	0.33	0.50	0.87	1.20	1.88	3.02	4.35	57.82
50	0.09	0.14	0.20	0.36	0.54	0.94	1.30	2.06	3.28	4.72	59.05
100	0.10	0.16	0.22	0.39	0.59	1.03	1.42	2.24	3.58	5.15	62.72
200	0.11	0.17	0.24	0.42	0.64	1.11	1.53	2.43	3.87	5.57	66.18
1000	0.13	0.20	0.28	0.50	0.74	1.30	1.79	2.84	4.52	6.50	73.61
10000	0.15	0.24	0.34	0.60	0.89	1.56	2.15	3.40	5.42	7.80	83.26
PMP	0.30	0.46	0.66	1.17	1.75	3.06	4.22	6.69	10.67	15.34	191.08
MEAN	0.049	0.076	0.109	0.191	0.287	0.501	0.690	1.093	1.744	2.508	35.617
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.367	2.306	2.314	0.688	-1.680	-1.625	-1.291	-0.679	-0.205	-0.824	-0.258
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.258 ; INTERCEPT (TIME=1 HOUR) =0.301 ; COEFFICIENT OF DETERMINATION = 0.987
1HR INTERCEPT / MEAN YR =0.00845 ; AVERAGE CALC CV / USED CV = 0.95

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	9.822	9.522	9.717	5.841	6.587	6.982	6.980	5.050	3.853	5.129	4.318
N	7	7	7	7	9	9	9	9	9	9	9
RECORD YEAR	1974	1974	1974	1974	1974	1964	1964	1966	1965	1965	1974
RECORD MAXIMUM	0.120	0.140	0.160	0.250	0.360	0.650	0.950	1.590	2.670	3.860	54.300
NORMILIZED MAX	2.207	2.190	2.198	1.810	0.881	1.090	1.382	1.305	1.273	1.342	1.681
CALC. COEF. VAR	0.666	0.388	0.216	0.169	0.290	0.273	0.273	0.348	0.417	0.402	0.312
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0014	0.0021	0.0030	0.0054	0.0080	0.0141	0.0194	0.0307	0.0490	0.0704	1.0000
RP10/A	0.0020	0.0031	0.0044	0.0078	0.0117	0.0205	0.0282	0.0447	0.0714	0.1026	1.3832
RP25/A	0.0023	0.0036	0.0052	0.0092	0.0137	0.0240	0.0330	0.0523	0.0835	0.1200	1.5472
RP50/A	0.0026	0.0040	0.0057	0.0101	0.0151	0.0265	0.0364	0.0578	0.0921	0.1325	1.6580
RP100/A	0.0028	0.0044	0.0063	0.0110	0.0165	0.0289	0.0398	0.0630	0.1005	0.1445	1.7611
RP1000/A	0.0035	0.0055	0.0079	0.0139	0.0209	0.0365	0.0502	0.0796	0.1270	0.1826	2.0668
RP10000/A	0.0042	0.0066	0.0095	0.0167	0.0250	0.0437	0.0602	0.0954	0.1523	0.2189	2.3377
PMP/A	0.0083	0.0130	0.0186	0.0329	0.0492	0.0860	0.1185	0.1877	0.2995	0.4306	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 128 46	ALMANOR AW 2	5280	09	27N	06E		M	40.217	121.308	PLUMAS

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1962	0.03	0.05	0.08	0.15	0.29	0.50	0.75	1.17	1.80	2.23	38.12
1963	0.03	0.06	0.08	0.15	0.29	0.46	0.65	1.19	2.11	3.14	45.72
1964	0.06	0.08	0.09	0.18	0.33	0.61	0.80	1.47	2.26	3.14	25.07
1965	0.04	0.06	0.10	0.16	0.31	0.43	0.63	1.16	1.72	2.84	43.22
1966	0.04	0.07	0.11	0.20	0.35	0.53	0.78	1.11	1.68	2.52	27.01
1967	0.03	0.06	0.11	0.21	0.38	0.67	0.98	1.71	3.02	3.64	46.96
1969	0.03	0.05	0.09	0.17	0.33	0.64	0.77	1.33	2.36	3.23	30.64
1973	0.03	0.06	0.10	0.20	0.37	0.67	0.90	1.56	2.54	4.10	36.16
1974	0.10	0.15	0.21	0.36	0.61	1.02	1.25	1.64	2.42	3.80	46.75
1975	0.06	0.10	0.14	0.20	0.30	0.58	0.77	1.33	1.90	3.11	34.71

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 128 46	ALMANOR AW 2	5280	09	27N	06E		M	40.217	121.308	PLUMAS

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.04	0.07	0.10	0.19	0.38	0.57	0.78	1.28	2.05	2.98	36.71
5	0.06	0.09	0.14	0.25	0.51	0.77	1.04	1.71	2.74	3.98	46.33
10	0.07	0.11	0.16	0.29	0.59	0.89	1.21	1.99	3.18	4.63	51.78
20	0.07	0.12	0.18	0.33	0.67	1.01	1.36	2.25	3.59	5.23	56.51
25	0.08	0.13	0.19	0.34	0.69	1.04	1.41	2.33	3.72	5.41	57.92
40	0.08	0.13	0.19	0.34	0.70	1.06	1.44	2.37	3.78	5.50	60.77
50	0.08	0.14	0.21	0.37	0.76	1.15	1.56	2.57	4.10	5.97	62.07
100	0.09	0.15	0.23	0.41	0.83	1.25	1.70	2.81	4.48	6.52	65.93
200	0.10	0.16	0.25	0.44	0.90	1.36	1.84	3.03	4.84	7.05	69.56
1000	0.12	0.19	0.29	0.51	1.05	1.58	2.15	3.55	5.66	8.23	77.37
10000	0.14	0.23	0.35	0.62	1.26	1.90	2.57	4.25	6.78	9.87	87.51
PMP	0.28	0.45	0.68	1.21	2.48	3.74	5.06	8.36	13.34	19.42	200.84
MEAN	0.045	0.074	0.111	0.198	0.406	0.611	0.828	1.367	2.181	3.175	37.436
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.845	2.022	2.140	2.409	1.999	1.721	1.527	0.409	0.645	-0.020	-0.238
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.166 ; INTERCEPT (TIME=1 HOUR) =0.352 ; COEFFICIENT OF DETERMINATION = 0.908
1HR INTERCEPT / MEAN YR =0.00941 ; AVERAGE CALC CV / USED CV = 1.05

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	7.066	7.815	8.492	10.019	7.125	7.632	6.523	2.672	3.988	3.663	2.660
N	10	10	10	10	10	10	10	10	10	10	10
RECORD YEAR	1974	1974	1974	1974	1969	1974	1974	1967	1967	1973	1967
RECORD MAXIMUM	0.100	0.150	0.210	0.360	0.830	1.020	1.250	1.710	3.020	4.100	46.960
NORMILIZED MAX	2.420	2.482	2.538	2.653	2.405	2.452	2.338	1.584	1.977	1.628	1.169
CALC. COEF. VAR	0.505	0.414	0.351	0.308	0.434	0.273	0.218	0.158	0.195	0.179	0.218
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0012	0.0020	0.0030	0.0053	0.0108	0.0163	0.0221	0.0365	0.0583	0.0848	1.0000
RP10/A	0.0018	0.0029	0.0043	0.0077	0.0158	0.0238	0.0322	0.0532	0.0849	0.1236	1.3832
RP25/A	0.0020	0.0034	0.0051	0.0090	0.0185	0.0278	0.0377	0.0622	0.0993	0.1446	1.5472
RP50/A	0.0023	0.0037	0.0056	0.0100	0.0204	0.0307	0.0416	0.0687	0.1096	0.1596	1.6580
RP100/A	0.0025	0.0041	0.0061	0.0109	0.0223	0.0335	0.0454	0.0749	0.1196	0.1741	1.7611
RP1000/A	0.0031	0.0051	0.0077	0.0137	0.0281	0.0423	0.0574	0.0947	0.1511	0.2200	2.0668
RP10000/A	0.0037	0.0061	0.0092	0.0164	0.0337	0.0507	0.0688	0.1135	0.1811	0.2637	2.3377
PMP/A	0.0074	0.0121	0.0181	0.0323	0.0663	0.0998	0.1353	0.2233	0.3563	0.5186	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 128 4B	ALMANOR CH 2	4500	3	28N	07E		M	40.30B	121.192	PLUMAS

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1962	*****	*****	*****	*****	0.27	0.50	0.71	1.11	1.60	1.90	40.20
1963	0.06	0.10	0.15	0.20	0.27	0.44	0.58	1.08	1.99	2.95	44.54
1964	*****	*****	*****	*****	0.30	0.57	0.82	1.48	2.07	2.50	24.22
1965	0.03	0.06	0.08	0.13	0.20	0.38	0.56	1.09	2.08	2.97	36.82
1966	0.06	0.10	0.13	0.15	0.23	0.40	0.55	0.86	1.33	1.66	23.71
1967	0.04	0.07	0.10	0.16	0.26	0.43	0.59	1.01	1.87	3.05	43.40
1969	0.03	0.06	0.10	0.15	0.24	0.36	0.55	0.86	1.49	2.80	30.23
1973	0.03	0.06	0.10	0.20	0.40	0.62	0.82	1.37	2.29	3.31	34.63
1974	0.03	0.05	0.09	0.18	0.27	0.47	0.64	1.15	2.14	2.50	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 128 4B	ALMANOR CH 2	4500	3	28N	07E		M	40.30B	121.192	PLUMAS

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.04	0.07	0.10	0.16	0.25	0.43	0.61	1.04	1.76	2.47	34.05
5	0.05	0.09	0.13	0.21	0.34	0.58	0.81	1.39	2.35	3.29	42.97
10	0.06	0.10	0.16	0.24	0.40	0.68	0.94	1.62	2.73	3.83	48.02
20	0.07	0.12	0.18	0.28	0.45	0.76	1.06	1.83	3.08	4.32	52.40
25	0.07	0.12	0.18	0.28	0.46	0.79	1.10	1.90	3.19	4.48	53.72
40	0.07	0.12	0.19	0.29	0.47	0.80	1.12	1.93	3.25	4.55	56.36
50	0.08	0.13	0.20	0.31	0.51	0.87	1.22	2.09	3.52	4.94	57.57
100	0.08	0.15	0.22	0.34	0.56	0.95	1.33	2.28	3.85	5.39	61.14
200	0.09	0.16	0.24	0.37	0.60	1.03	1.44	2.47	4.16	5.83	64.51
1000	0.10	0.19	0.28	0.43	0.70	1.20	1.68	2.88	4.86	6.81	71.76
10000	0.12	0.22	0.33	0.52	0.84	1.44	2.01	3.46	5.82	8.17	81.16
PMP	0.24	0.44	0.66	1.02	1.66	2.83	3.95	6.80	11.46	16.06	186.27
MEAN	0.040	0.071	0.107	0.167	0.271	0.463	0.647	1.112	1.873	2.627	34.719
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.990	0.894	1.049	0.136	1.541	0.761	0.917	0.612	-0.586	-0.802	-0.290
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.241 ; INTERCEPT (TIME=1 HOUR) =0.279 ; COEFFICIENT OF DETERMINATION = 0.978
1HR INTERCEPT / MEAN YR =0.00805 ; AVERAGE CALC CV / USED CV = 0.67

KURTOSIS	3.675	3.794	5.016	3.458	7.382	3.838	3.345	4.070	3.217	3.848	3.074
N	7	7	7	7	9	9	9	9	9	9	8
RECORD YEAR	1963	1963	1963	1963	1973	1973	1964	1964	1973	1973	1963
RECORD MAXIMUM	0.060	0.100	0.150	0.200	0.400	0.620	0.820	1.480	2.290	3.310	44.540
NORMILIZED MAX	1.414	1.404	1.764	1.221	2.292	1.800	1.566	1.778	1.273	1.249	1.214
CALC. COEF. VAR	0.354	0.285	0.227	0.161	0.207	0.188	0.171	0.186	0.175	0.208	0.233
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0012	0.0021	0.0031	0.0048	0.0078	0.0133	0.0186	0.0320	0.0540	0.0757	1.0000
RP10/A	0.0017	0.0030	0.0045	0.0070	0.0114	0.0194	0.0271	0.0467	0.0786	0.1102	1.3832
RP25/A	0.0020	0.0035	0.0053	0.0082	0.0133	0.0227	0.0317	0.0546	0.0920	0.1289	1.5472
RP50/A	0.0022	0.0039	0.0058	0.0091	0.0147	0.0251	0.0350	0.0603	0.1015	0.1423	1.6580
RP100/A	0.0024	0.0042	0.0063	0.0099	0.0160	0.0274	0.0382	0.0658	0.1107	0.1553	1.7611
RP1000/A	0.0030	0.0053	0.0080	0.0125	0.0203	0.0346	0.0483	0.0831	0.1399	0.1962	2.0668
RP10000/A	0.0036	0.0064	0.0096	0.0150	0.0243	0.0415	0.0579	0.0996	0.1678	0.2352	2.3377
PMP/A	0.0070	0.0126	0.0189	0.0294	0.0478	0.0816	0.1139	0.1959	0.3299	0.4626	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 128 50	ALMANOR OC 4	5200	25	27N	06E		M	40.172	121.264	PLUMAS

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1962	0.03	0.05	0.08	0.14	0.27	0.49	0.68	1.12	1.82	2.36	29.00
1963	0.06	0.08	0.09	0.15	0.28	0.50	0.70	1.30	2.23	3.28	43.30
1964	*****	*****	*****	*****	0.29	0.54	0.78	1.35	2.08	2.78	22.12
1965	0.05	0.09	0.12	0.21	0.38	0.59	0.90	1.48	2.53	4.74	39.63
1966	0.03	0.06	0.10	0.19	0.37	0.64	0.81	1.20	1.37	2.18	27.30
1967	0.05	0.09	0.14	0.22	0.43	0.62	0.85	1.56	2.87	3.49	42.79
1973	0.03	0.06	0.07	0.15	0.30	0.57	0.79	1.38	2.76	3.46	38.24
1974	0.12	0.15	0.18	0.30	0.59	0.86	1.14	1.53	2.46	3.20	40.32
1975	0.10	0.14	0.16	0.21	0.32	0.52	0.64	1.14	1.75	2.83	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 128 50	ALMANOR OC 4	5200	25	27N	06E		M	40.172	121.264	PLUMAS

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.06	0.08	0.11	0.18	0.34	0.56	0.76	1.26	2.07	2.95	34.65
5	0.07	0.11	0.15	0.25	0.45	0.74	1.02	1.68	2.77	3.95	43.73
10	0.09	0.13	0.17	0.29	0.52	0.86	1.18	1.95	3.22	4.59	48.88
20	0.10	0.14	0.19	0.32	0.59	0.97	1.33	2.21	3.63	5.18	53.34
25	0.10	0.15	0.20	0.33	0.61	1.01	1.38	2.28	3.76	5.36	54.67
40	0.10	0.15	0.20	0.34	0.62	1.03	1.40	2.32	3.83	5.45	57.36
50	0.11	0.16	0.22	0.37	0.68	1.11	1.52	2.52	4.15	5.92	58.59
100	0.12	0.18	0.24	0.40	0.74	1.22	1.66	2.75	4.53	6.46	62.23
200	0.13	0.19	0.26	0.44	0.80	1.31	1.80	2.97	4.90	6.98	65.66
1000	0.15	0.23	0.30	0.51	0.93	1.54	2.10	3.48	5.73	8.16	73.04
10000	0.18	0.27	0.37	0.61	1.12	1.84	2.52	4.17	6.86	9.78	82.61
PMP	0.36	0.54	0.72	1.20	2.19	3.62	4.65	8.19	13.50	19.24	189.59

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
MEAN	0.059	0.087	0.117	0.196	0.359	0.592	0.810	1.340	2.208	3.147	35.337
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.103	0.622	0.450	1.008	1.666	1.888	1.370	-0.041	-0.306	0.988	-0.716
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.250 ; INTERCEPT (TIME=1 HOUR) =0.349 ; COEFFICIENT OF DETERMINATION = 0.978
1HR INTERCEPT / MEAN YR =0.00986 ; AVERAGE CALC CV / USED CV = 0.96

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	4.345	3.663	3.302	5.493	6.774	7.930	6.440	2.780	3.350	5.744	3.276
N	8	8	8	8	9	9	9	9	9	9	8
RECORD YEAR	1974	1974	1974	1974	1974	1974	1974	1967	1967	1965	1963
RECORD MAXIMUM	0.120	0.150	0.180	0.300	0.590	0.860	1.140	1.560	2.870	4.740	43.300
NORMILIZED MAX	1.802	1.566	1.580	1.982	2.270	2.370	2.214	1.341	1.328	2.110	0.993
CALC. COEF. VAR	0.579	0.456	0.337	0.267	0.284	0.191	0.184	0.122	0.226	0.240	0.227
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
MEAN/A	0.0017	0.0025	0.0033	0.0056	0.0102	0.0168	0.0229	0.0379	0.0625	0.0890	1.0000
RP10/A	0.0024	0.0036	0.0048	0.0081	0.0148	0.0244	0.0334	0.0553	0.0910	0.1298	1.3832
RP25/A	0.0028	0.0042	0.0057	0.0095	0.0173	0.0286	0.0391	0.0646	0.1065	0.1518	1.5472
RP50/A	0.0031	0.0047	0.0063	0.0104	0.0191	0.0315	0.0431	0.0713	0.1175	0.1675	1.6580
RP100/A	0.0034	0.0051	0.0068	0.0114	0.0208	0.0344	0.0470	0.0778	0.1282	0.1828	1.7611
RP1000/A	0.0043	0.0064	0.0086	0.0144	0.0263	0.0435	0.0595	0.0984	0.1620	0.2310	2.0668
RP10000/A	0.0052	0.0077	0.0103	0.0173	0.0316	0.0521	0.0713	0.1179	0.1942	0.2768	2.3377
PMP/A	0.0102	0.0151	0.0203	0.0340	0.0621	0.1025	0.1402	0.2319	0.3820	0.5445	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 1161 0	BUCKS LAKE	5200	33	24N	07E	F	M	39.894	121.203	PLUMAS

M=MINUTES,H=HOURS,D=DAYS,CYR=CALENDAR YEAR,WYR=WATER YEAR,FYR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.50	0.75	0.97	1.37	1.97	2.87	95.55
1941	*****	*****	0.24	0.35	0.50	0.75	0.97	1.37	1.97	2.87	95.55
1942	*****	*****	0.73	0.75	0.79	1.25	1.75	2.95	4.57	6.37	91.04
1943	*****	*****	0.20	0.30	0.50	0.80	1.12	1.85	3.47	6.71	52.62
1944	*****	*****	0.15	0.21	0.41	0.69	0.94	1.82	3.15	6.30	75.31
1945	*****	*****	0.57	0.60	0.63	0.80	1.18	2.22	3.88	5.99	83.87
1946	*****	*****	0.16	0.31	0.55	0.95	1.50	2.88	4.67	7.19	44.66
1947	*****	*****	0.21	0.41	0.77	1.35	1.90	3.43	4.70	6.34	53.22
1948	*****	*****	*****	*****	0.52	0.89	1.03	1.58	2.91	3.29	75.47
1949	*****	*****	0.35	0.53	0.72	1.07	1.41	1.97	3.06	3.83	45.90
1950	*****	*****	0.31	0.43	0.64	1.10	1.45	2.48	3.81	5.85	56.69
1951	*****	*****	0.16	0.26	0.52	0.81	1.11	1.87	2.85	5.47	85.92
1952	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	91.55
1953	*****	*****	0.21	0.30	0.51	0.83	1.23	2.40	4.25	6.50	71.13
1954	*****	*****	0.31	0.38	0.53	0.76	1.12	2.12	3.40	4.82	75.08
1955	*****	*****	0.35	0.41	0.82	1.20	1.65	3.30	5.79	8.75	75.48
1956	*****	*****	0.11	0.18	0.34	0.52	0.90	1.33	1.56	2.61	57.48
1957	*****	*****	0.16	0.18	0.35	0.60	0.90	1.55	2.20	3.06	69.47
1958	*****	*****	0.18	0.25	0.50	0.69	1.10	1.96	2.52	3.32	85.66
1959	*****	*****	0.15	0.26	0.51	0.81	1.08	1.99	3.17	4.15	51.50
1960	*****	*****	0.18	0.36	0.75	1.40	2.00	3.35	5.15	7.96	78.18
1961	*****	*****	0.25	0.28	0.47	0.69	0.78	1.00	1.55	2.11	57.27
1962	*****	*****	0.21	0.37	0.74	1.39	1.96	3.65	6.45	8.33	93.83
1963	*****	*****	0.21	0.41	0.83	1.60	2.13	3.60	4.83	8.23	81.51
1968	*****	*****	*****	*****	1.20	1.40	1.70	2.80	3.60	4.60	73.30

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 1161 0	BUCKS LAKE	5200	33	24N	07E	F	M	39.894	121.203	PLUMAS

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.24	0.34	0.57	0.90	1.25	2.14	3.34	4.99	71.29
5	0.0	0.0	0.32	0.45	0.76	1.21	1.66	2.87	4.47	6.66	89.96
10	0.0	0.0	0.37	0.52	0.89	1.40	1.93	3.33	5.19	7.74	100.55
20	0.0	0.0	0.42	0.59	1.00	1.58	2.18	3.76	5.86	8.74	109.72
25	0.0	0.0	0.44	0.61	1.04	1.64	2.26	3.89	6.07	9.06	112.47
40	0.0	0.0	0.45	0.62	1.05	1.67	2.30	3.96	6.17	9.21	118.01
50	0.0	0.0	0.48	0.67	1.14	1.81	2.50	4.30	6.70	10.00	120.53
100	0.0	0.0	0.53	0.74	1.25	1.98	2.72	4.69	7.31	10.91	128.02
200	0.0	0.0	0.57	0.80	1.35	2.14	2.95	5.07	7.90	11.79	135.08
1000	0.0	0.0	0.67	0.93	1.58	2.50	3.44	5.93	9.24	13.78	150.24
10000	0.0	0.0	0.80	1.11	1.89	2.99	4.13	7.10	11.07	16.52	169.93
PMP	0.0	0.0	1.57	2.19	3.72	5.89	8.12	13.97	21.78	32.49	390.00
MEAN	0.0	0.0	0.257	0.359	0.608	0.962	1.327	2.285	3.562	5.313	72.693
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	2.161	1.252	1.272	0.626	0.627	0.346	0.355	0.065	-0.264
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.331 ; INTERCEPT (TIME=1 HOUR) =0.613 ; COEFFICIENT OF DETERMINATION = 0.977
1HR INTERCEPT / MEAN YR =0.00844 ; AVERAGE CALC CV / USED CV = 1.11

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	8.045	5.285	5.731	2.519	2.420	2.304	2.948	2.137	2.180
N	0	0	21	21	24	24	24	24	24	24	25
RECORD YEAR	0	0	1942	1942	1968	1963	1963	1962	1962	1955	1940
RECORD MAXIMUM	0.0	0.0	0.730	0.750	1.200	1.600	2.130	3.650	6.450	8.750	95.550
NORMILIZED MAX	0.0	0.0	3.182	2.814	3.090	2.112	1.988	1.728	2.212	1.698	1.415
CALC. COEF. VAR	0.0	0.0	0.578	0.388	0.315	0.314	0.304	0.346	0.367	0.381	0.222
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0	0.0035	0.0049	0.0084	0.0132	0.0183	0.0314	0.0490	0.0731	1.0000
RP10/A	0.0	0.0	0.0052	0.0072	0.0122	0.0193	0.0266	0.0458	0.0714	0.1065	1.3832
RP25/A	0.0	0.0	0.0060	0.0084	0.0143	0.0226	0.0311	0.0536	0.0835	0.1246	1.5472
RP50/A	0.0	0.0	0.0067	0.0093	0.0157	0.0249	0.0344	0.0591	0.0922	0.1375	1.6580
RP100/A	0.0	0.0	0.0073	0.0101	0.0172	0.0272	0.0375	0.0645	0.1006	0.1500	1.7611
RP1000/A	0.0	0.0	0.0092	0.0128	0.0217	0.0343	0.0474	0.0815	0.1271	0.1896	2.0668
RP10000/A	0.0	0.0	0.0110	0.0153	0.0260	0.0412	0.0568	0.0977	0.1523	0.2272	2.3377
PMP/A	0.0	0.0	0.0216	0.0302	0.0512	0.0810	0.1117	0.1922	0.2996	0.4470	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 2*.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 3725 0	HAMILTON BRANCH P H	4560	21	2BN	OBE	K	M	40.269	121.086	PLUMAS

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1953	*****	*****	0.15	0.26	0.40	0.50	0.52	0.85	1.19	1.52	******
1954	*****	*****	0.18	0.24	0.38	0.42	0.48	0.67	0.88	1.65	27.14
1955	*****	*****	0.13	0.18	0.27	0.51	0.67	1.11	2.17	3.66	30.14
1956	*****	*****	0.13	0.21	0.33	0.60	0.78	1.73	1.13	1.52	28.22
1957	*****	*****	0.10	0.16	0.27	0.50	0.65	0.90	1.11	1.20	30.83
1958	*****	*****	0.35	0.60	0.95	1.07	1.10	1.17	1.92	2.35	36.16
1959	*****	*****	0.17	0.25	0.30	0.55	0.75	1.05	1.10	1.45	20.54
1960	*****	*****	0.07	0.13	0.25	0.43	0.58	0.88	1.22	1.35	27.86
1961	*****	*****	0.08	0.16	0.32	0.47	0.54	0.81	0.95	1.01	21.32
1962	*****	*****	0.09	0.18	0.30	0.55	0.80	1.54	2.99	5.74	35.37
1963	*****	*****	0.12	0.20	0.31	0.54	0.69	1.20	1.60	2.26	28.48
1964	*****	*****	0.12	0.23	0.35	0.50	0.73	1.19	1.83	3.03	31.86
1965	*****	*****	0.16	0.20	0.29	0.40	0.56	0.93	1.47	1.92	28.75
1966	*****	*****	0.09	0.16	0.26	0.41	0.61	1.13	1.81	2.25	22.39
1967	*****	*****	0.15	0.22	0.33	0.49	0.77	1.19	1.42	1.42	32.23
1968	*****	*****	0.09	0.17	0.22	0.40	0.56	0.89	1.40	1.77	29.45
1969	*****	*****	0.22	0.26	0.30	0.50	0.66	1.21	1.91	2.74	37.52
1970	*****	*****	0.32	0.42	0.49	0.77	1.00	1.13	1.99	2.89	38.33
1971	*****	*****	0.33	0.34	0.34	0.46	0.67	1.07	1.83	2.31	27.23
1972	*****	*****	0.50	0.65	0.89	0.95	0.99	1.00	1.00	1.06	24.46
1973	*****	*****	*****	*****	0.21	0.39	0.51	0.93	1.73	2.71	40.78
1974	*****	*****	*****	*****	0.30	0.42	0.50	0.92	1.44	2.56	28.90

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 3725 0	HAMILTON BRANCH P H	4560	21	2BN	OBE	K	M	40.269	121.086	PLUMAS

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.17	0.25	0.39	0.54	0.67	1.02	1.47	2.06	29.28
5	0.0	0.0	0.22	0.33	0.52	0.72	0.90	1.37	1.96	2.76	36.95
10	0.0	0.0	0.26	0.38	0.61	0.84	1.04	1.59	2.28	3.20	41.29
20	0.0	0.0	0.29	0.43	0.69	0.95	1.18	1.79	2.58	3.62	45.06
25	0.0	0.0	0.30	0.44	0.71	0.98	1.22	1.86	2.67	3.75	46.19
40	0.0	0.0	0.31	0.45	0.72	1.00	1.24	1.89	2.71	3.81	48.46
50	0.0	0.0	0.33	0.49	0.79	1.08	1.34	2.05	2.94	4.14	49.50
100	0.0	0.0	0.36	0.54	0.86	1.18	1.47	2.24	3.21	4.51	52.58
200	0.0	0.0	0.39	0.58	0.93	1.28	1.59	2.42	3.47	4.88	55.48
1000	0.0	0.0	0.46	0.68	1.08	1.49	1.85	2.83	4.06	5.70	61.71
10000	0.0	0.0	0.55	0.81	1.30	1.79	2.22	3.39	4.87	6.84	69.79
PMP	0.0	0.0	1.09	1.60	2.55	3.52	4.37	6.66	9.57	13.44	160.17
MEAN	0.0	0.0	0.177	0.261	0.418	0.575	0.715	1.090	1.565	2.199	29.855
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.622	1.952	2.551	2.110	1.037	1.134	1.058	1.851	0.248
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.436 ; INTERCEPT (TIME=1 HOUR) =0.393 ; COEFFICIENT OF DETERMINATION = 0.994
IHP INTERCEPT / MEAN YR =0.01316 ; AVERAGE CALC CV / USED CV = 1.33

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	5.560	6.458	9.107	7.311	3.889	5.347	5.132	8.089	3.010
N	0	0	20	20	22	22	22	22	22	22	21
RECORD YEAR	0	0	1972	1972	1958	1958	1958	1956	1962	1962	1973
RECORD MAXIMUM	0.0	0.0	0.500	0.650	0.950	1.070	1.100	1.730	2.990	5.740	40.780
NORMILIZED MAX	0.0	0.0	2.857	2.750	2.466	2.635	2.182	2.648	2.847	3.337	1.991
CALC. COEF. VAR	0.0	0.0	0.636	0.542	0.517	0.326	0.247	0.222	0.320	0.483	0.184
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0	0.0059	0.0087	0.0140	0.0193	0.0239	0.0365	0.0524	0.0736	1.0000
PP10/A	0.0	0.0	0.0087	0.0127	0.0204	0.0281	0.0349	0.0532	0.0764	0.1073	1.3832
RP25/A	0.0	0.0	0.0101	0.0149	0.0238	0.0328	0.0408	0.0622	0.0893	0.1255	1.5472
RP50/A	0.0	0.0	0.0112	0.0164	0.0263	0.0363	0.0450	0.0687	0.0986	0.1386	1.6580
RP100/A	0.0	0.0	0.0122	0.0179	0.0287	0.0396	0.0491	0.0749	0.1076	0.1512	1.7611
PP1000/A	0.0	0.0	0.0154	0.0227	0.0363	0.0500	0.0621	0.0947	0.1360	0.1910	2.0668
PP10000/A	0.0	0.0	0.0185	0.0272	0.0435	0.0599	0.0744	0.1135	0.1630	0.2290	2.3377
PMP/A	0.0	0.0	0.0364	0.0535	0.0855	0.1178	0.1464	0.2232	0.3206	0.4503	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 4773 0	LA PORTE	4975	16	21N	09E	E	M	39.683	120.983	PLUMAS

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1959	*****	*****	0.37	0.45	0.78	1.24	1.48	1.80	3.01	4.37	55.00
1960	*****	*****	0.24	0.36	0.45	0.85	1.20	2.00	2.90	4.14	89.00
1961	*****	*****	0.20	0.26	0.38	0.68	0.88	1.46	2.51	2.93	71.26
1962	*****	*****	0.25	0.48	0.71	1.26	1.81	3.32	6.22	8.81	107.99
1963	*****	*****	0.27	0.52	0.85	1.25	1.68	3.18	5.06	8.47	96.49
1964	*****	*****	0.49	0.65	1.21	1.67	2.16	3.91	7.05	12.97	108.47
1965	*****	*****	0.21	0.30	0.63	0.92	1.28	2.26	2.97	4.63	75.91
1966	0.10	0.18	0.25	0.35	0.51	0.90	1.25	2.11	3.55	4.48	63.04
1967	0.10	0.15	0.20	0.40	0.80	1.51	2.20	3.38	4.19	5.14	85.19
1968	0.09	0.16	0.24	0.30	0.44	0.80	1.15	1.97	2.87	4.54	83.84
1969	0.87	0.93	1.00	1.05	1.24	1.56	1.83	2.58	3.78	7.00	115.85
1970	0.17	0.29	0.44	0.56	0.69	1.05	1.37	2.42	4.06	5.75	123.59
1971	0.15	0.19	0.22	0.27	0.45	0.89	1.34	1.76	2.28	2.65	71.86
1972	0.13	0.23	0.26	0.32	0.44	0.88	1.28	2.35	2.65	4.41	76.32
1973	*****	*****	*****	*****	0.45	0.88	1.28	2.35	2.65	4.41	108.48
1974	*****	*****	*****	*****	0.48	0.79	1.10	2.05	3.42	6.09	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 4773 0	LA PORTE	4975	16	21N	09E	E	M	39.683	120.983	PLUMAS

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.22	0.29	0.31	0.42	0.70	1.08	1.42	2.33	3.51	5.33	87.10
5	0.29	0.38	0.42	0.56	0.94	1.44	1.90	3.11	4.68	7.12	109.92
10	0.34	0.44	0.48	0.65	1.09	1.67	2.21	3.61	5.44	8.27	122.85
20	0.38	0.50	0.55	0.74	1.23	1.89	2.49	4.08	6.15	9.34	134.06
25	0.39	0.52	0.56	0.76	1.28	1.95	2.58	4.23	6.37	9.67	137.42
40	0.40	0.53	0.57	0.78	1.30	1.99	2.62	4.30	6.47	9.83	144.18
50	0.43	0.57	0.62	0.84	1.41	2.16	2.85	4.67	7.03	10.68	147.27
100	0.47	0.62	0.68	0.92	1.54	2.35	3.11	5.09	7.67	11.65	156.42
200	0.51	0.68	0.74	0.99	1.66	2.54	3.36	5.50	8.29	12.59	165.04
1000	0.60	0.79	0.86	1.16	1.94	2.97	3.93	6.43	9.69	14.72	183.57
10000	0.72	0.95	1.03	1.39	2.33	3.56	4.71	7.71	11.61	17.64	207.63
PMP	1.41	1.86	2.03	2.74	4.58	7.01	9.26	15.16	22.84	34.70	476.51
MEAN	0.230	0.304	0.331	0.448	0.749	1.146	1.514	2.480	3.735	5.674	88.819
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	2.587	2.493	2.750	2.018	1.202	0.787	0.795	0.840	1.436	1.664	0.134
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.465 ; INTERCEPT (TIME=1 HOUR) =0.766 ; COEFFICIENT OF DETERMINATION = 0.973
1HR INTERCEPT / MEAN YR =0.00863 ; AVERAGE CALC CV / USED CV = 1.77

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	10.641	10.280	11.345	8.169	4.168	2.900	3.388	3.456	4.888	6.543	2.557
N	7	7	14	14	16	16	16	16	16	16	15
RECORD YEAR	1969	1969	1969	1969	1969	1964	1967	1964	1964	1964	1970
RECORD MAXIMUM	0.870	0.930	1.000	1.050	1.240	1.670	2.200	3.910	7.050	12.970	123.590
NORMILIZED MAX	2.256	2.235	3.149	2.879	1.609	1.605	1.747	2.061	2.408	2.814	1.693
CALC. COEF. VAR	1.234	0.920	0.641	0.467	0.408	0.285	0.259	0.280	0.369	0.457	0.231
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0026	0.0034	0.0037	0.0050	0.0084	0.0129	0.0170	0.0279	0.0421	0.0639	1.0000
RP10/A	0.0038	0.0050	0.0054	0.0073	0.0123	0.0188	0.0248	0.0407	0.0613	0.0931	1.3832
RP25/A	0.0044	0.0058	0.0064	0.0086	0.0144	0.0220	0.0291	0.0476	0.0717	0.1089	1.5472
RP50/A	0.0049	0.0064	0.0070	0.0095	0.0159	0.0243	0.0321	0.0525	0.0791	0.1202	1.6580
RP100/A	0.0053	0.0070	0.0077	0.0103	0.0173	0.0265	0.0350	0.0573	0.0863	0.1311	1.7611
RP1000/A	0.0067	0.0089	0.0097	0.0131	0.0219	0.0335	0.0442	0.0724	0.1091	0.1657	2.0668
RP10000/A	0.0081	0.0107	0.0116	0.0157	0.0262	0.0401	0.0530	0.0868	0.1307	0.1986	2.3377
PMP/A	0.0158	0.0209	0.0228	0.0308	0.0516	0.0789	0.1042	0.1707	0.2572	0.3907	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LDT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 6998 0	PLUMAS EUREKA ST PARK	5165	24	22N	11E	E	M	39.757	120.698	PLUMAS

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1964	*****	*****	*****	*****	0.67	1.16	1.69	3.32	6.22	10.85	******
1965	*****	*****	*****	*****	0.40	0.91	1.30	2.33	3.03	3.89	58.77
1966	*****	*****	*****	*****	0.50	0.96	1.38	2.40	3.24	4.57	49.85
1967	*****	*****	*****	*****	0.61	1.21	1.81	2.95	3.92	5.27	71.34
1968	*****	*****	*****	*****	0.45	0.81	1.24	2.16	2.95	3.81	62.49
1969	*****	*****	*****	*****	0.54	1.03	1.50	2.19	3.71	6.77	85.05
1970	*****	*****	*****	*****	0.60	1.00	1.30	1.80	3.00	4.70	83.40
1971	*****	*****	*****	*****	0.50	0.80	1.10	2.00	2.90	4.20	68.10
1972	*****	*****	*****	*****	0.30	0.50	0.70	1.10	2.00	3.30	45.90
1973	*****	*****	*****	*****	0.70	1.00	1.40	2.30	4.30	7.30	85.90
1974	*****	*****	0.40	0.50	0.80	1.10	1.20	2.10	3.50	6.10	67.50

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LDT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 6998 0	PLUMAS EUREKA ST PARK	5165	24	22N	11E	E	M	39.757	120.698	PLUMAS

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.53	0.89	1.25	2.10	3.31	5.19	64.56
5	0.0	0.0	0.0	0.0	0.70	1.19	1.67	2.81	4.42	6.93	81.47
10	0.0	0.0	0.0	0.0	0.82	1.39	1.94	3.27	5.14	8.05	91.05
20	0.0	0.0	0.0	0.0	0.92	1.57	2.19	3.69	5.80	9.09	99.36
25	0.0	0.0	0.0	0.0	0.95	1.62	2.27	3.82	6.01	9.41	101.85
40	0.0	0.0	0.0	0.0	0.97	1.65	2.30	3.88	6.11	9.57	106.86
50	0.0	0.0	0.0	0.0	1.05	1.79	2.50	4.22	6.63	10.39	109.15
100	0.0	0.0	0.0	0.0	1.15	1.96	2.73	4.60	7.23	11.34	115.93
200	0.0	0.0	0.0	0.0	1.24	2.11	2.95	4.97	7.82	12.26	122.32
1000	0.0	0.0	0.0	0.0	1.45	2.47	3.45	5.81	9.14	14.33	136.06
10000	0.0	0.0	0.0	0.0	1.74	2.96	4.13	6.97	10.96	17.17	153.89
PMP	0.0	0.0	0.0	0.0	3.42	5.83	8.13	13.70	21.55	33.78	353.18
MEAN	0.0	0.0	0.0	0.0	0.560	0.953	1.329	2.241	3.525	5.524	65.830
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	-0.077	-1.096	-0.475	0.019	1.530	1.597	0.107
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.215 ; INTERCEPT (TIME=1 HOUR) =0.558 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.00848 ; AVERAGE CALC CV / USED CV = 0.66

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	4.207	5.442	5.096	5.203	7.236	6.456	2.520
N	0	0	1	1	11	11	11	11	11	11	10
RECORD YEAR	0	0	0	0	1974	1967	1967	1964	1964	1964	1973
RECORD MAXIMUM	0.0	0.0	0.0	0.0	0.800	1.210	1.810	3.320	6.220	10.850	85.900
NORMILIZED MAX	0.0	0.0	0.0	0.0	1.762	1.300	1.628	1.482	2.492	2.447	1.301
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.243	0.208	0.222	0.256	0.307	0.394	0.234
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0	0.0	0.0	0.0085	0.0145	0.0202	0.0340	0.0535	0.0839	1.0000
PP10/A	0.0	0.0	0.0	0.0	0.0124	0.0211	0.0294	0.0496	0.0780	0.1223	1.3832
PP25/A	0.0	0.0	0.0	0.0	0.0145	0.0247	0.0344	0.0580	0.0913	0.1430	1.5472
PP50/A	0.0	0.0	0.0	0.0	0.0160	0.0272	0.0380	0.0640	0.1007	0.1579	1.6580
PP100/A	0.0	0.0	0.0	0.0	0.0175	0.0297	0.0414	0.0699	0.1099	0.1722	1.7611
PP1000/A	0.0	0.0	0.0	0.0	0.0221	0.0375	0.0524	0.0883	0.1389	0.2176	2.0668
PP10000/A	0.0	0.0	0.0	0.0	0.0264	0.0450	0.0628	0.1058	0.1665	0.2609	2.3377
PMP/A	0.0	0.0	0.0	0.0	0.0520	0.0885	0.1235	0.2082	0.3274	0.5131	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN DROFP SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A50 7085 0	PORTOLA	4838	01	22N	13E	D	M	39.805	120.471	PLUMAS

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	0.17	0.20	0.28	0.54	0.67	1.00	1.23	1.39	35.63
1941	*****	*****	0.12	0.14	0.26	0.35	0.48	0.88	1.55	2.10	25.40
1942	*****	*****	0.08	0.16	0.30	0.53	0.73	1.39	1.98	2.10	25.49
1943	*****	*****	0.08	0.15	0.26	0.40	0.54	0.98	1.84	3.00	20.03
1944	*****	*****	0.60	0.70	1.04	1.22	1.28	1.32	1.32	1.67	25.54
1945	*****	*****	0.20	0.22	0.31	0.47	0.68	0.86	1.30	2.09	26.43
1946	*****	*****	0.07	0.10	0.20	0.30	0.48	0.96	1.70	2.56	14.48
1947	*****	*****	0.08	0.15	0.28	0.46	0.58	0.92	1.13	1.88	11.82
1948	*****	*****	0.25	0.27	0.30	0.40	0.56	0.78	0.91	1.59	18.71
1949	*****	*****	0.28	0.32	0.32	0.39	0.50	0.73	0.81	1.44	13.68
1950	*****	*****	0.12	0.20	0.29	0.44	0.65	0.83	1.33	2.12	33.45
1951	*****	*****	0.07	0.13	0.25	0.50	0.75	1.40	1.76	2.21	26.09
1952	*****	*****	0.62	0.70	0.71	0.72	0.74	1.20	2.00	2.30	28.84
1953	*****	*****	0.10	0.11	0.16	0.27	0.35	0.55	0.72	1.16	14.65
1954	*****	*****	*****	*****	0.12	0.22	0.32	0.54	0.88	1.43	18.75
1955	*****	*****	0.26	0.27	0.30	0.54	0.74	1.45	2.28	4.26	24.50
1956	*****	*****	0.15	0.22	0.32	0.43	0.50	0.90	1.33	1.65	17.51
1957	*****	*****	0.18	0.21	0.27	0.52	0.67	1.05	1.35	1.59	22.87
1958	*****	*****	0.32	0.32	0.32	0.34	0.38	0.46	0.54	0.81	22.39
1959	*****	*****	0.14	0.16	0.30	0.60	0.75	0.84	0.86	0.86	16.68
1960	*****	*****	0.15	0.22	0.30	0.49	0.64	0.90	1.17	1.99	19.75
1961	*****	*****	0.07	0.14	0.27	0.32	0.46	0.65	0.73	1.29	14.14
1962	*****	*****	0.14	0.15	0.30	0.58	0.86	1.56	2.67	4.84	27.99
1963	*****	*****	0.12	0.22	0.36	0.50	0.67	1.05	1.62	2.70	23.59
1964	*****	*****	0.06	0.12	0.24	0.44	0.59	0.89	1.40	2.31	21.52
1965	*****	*****	0.80	1.05	1.25	1.36	1.37	1.40	1.40	1.83	25.05
1966	*****	*****	0.35	0.35	0.39	0.39	0.40	0.64	0.94	1.07	15.71
1967	*****	*****	0.22	0.25	0.38	0.43	0.56	0.89	1.09	1.21	27.24
1968	*****	*****	0.06	0.10	0.20	0.37	0.47	0.77	0.93	1.05	17.78
1969	*****	*****	0.40	0.49	0.50	0.50	0.67	0.91	1.38	2.10	29.14
1970	*****	*****	0.11	0.15	0.25	0.50	0.70	1.05	1.54	1.79	29.77
1971	*****	*****	0.06	0.12	0.20	0.35	0.55	1.00	1.45	2.10	18.16
1972	*****	*****	0.07	0.14	0.19	0.33	0.39	0.64	0.72	0.80	15.78
1973	*****	*****	*****	*****	0.20	0.33	0.51	0.92	1.64	2.07	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN DROFP SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A50 7085 0	PORTOLA	4838	01	22N	13E	D	M	39.805	120.471	PLUMAS

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.19	0.24	0.32	0.46	0.58	0.89	1.26	1.80	21.65
5	0.0	0.0	0.25	0.32	0.43	0.61	0.78	1.19	1.68	2.41	27.32
10	0.0	0.0	0.30	0.37	0.50	0.71	0.90	1.38	1.95	2.80	30.54
20	0.0	0.0	0.33	0.42	0.56	0.80	1.02	1.56	2.20	3.16	33.32
25	0.0	0.0	0.35	0.44	0.58	0.83	1.06	1.62	2.28	3.28	34.16
40	0.0	0.0	0.35	0.45	0.59	0.84	1.08	1.65	2.32	3.33	35.84
50	0.0	0.0	0.38	0.48	0.64	0.91	1.17	1.79	2.52	3.62	36.61
100	0.0	0.0	0.42	0.53	0.70	1.00	1.27	1.95	2.75	3.95	38.88
200	0.0	0.0	0.45	0.57	0.76	1.08	1.38	2.11	2.97	4.27	41.02
1000	0.0	0.0	0.53	0.67	0.89	1.26	1.61	2.46	3.47	4.99	45.63
10000	0.0	0.0	0.63	0.80	1.06	1.51	1.93	2.95	4.16	5.98	51.61
PMP	0.0	0.0	1.24	1.57	2.09	2.97	3.79	5.81	8.18	11.76	118.45
MEAN	0.0	0.0	0.203	0.257	0.342	0.486	0.620	0.950	1.338	1.922	22.078
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.956	2.518	2.950	2.719	1.851	0.508	0.675	1.659	0.259
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.552 ; INTERCEPT (TIME=1 HOUR) =0.361 ; COEFFICIENT OF DETERMINATION = 0.993
1HR INTERCEPT / MEAN YR =0.01635 ; AVERAGE CALC CV / USED CV = 1.87

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	6.764	9.776	12.024	11.366	7.766	3.059	3.785	7.099	2.579
N	0	0	32	32	34	34	34	34	34	34	33
RECORD YEAR	0	0	1965	1965	1965	1965	1965	1962	1962	1962	1940
RECORD MAXIMUM	0.0	0.0	0.800	1.050	1.250	1.360	1.370	1.560	2.670	4.840	35.630
NORMILIZED MAX	0.0	0.0	3.313	3.817	3.959	3.812	3.377	2.228	2.795	3.387	2.246
CALC. COEF. VAR	0.0	0.0	0.887	0.808	0.671	0.471	0.358	0.288	0.356	0.448	0.273
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0	0.0097	0.0116	0.0155	0.0220	0.0281	0.0430	0.0606	0.0871	1.0000
RP10/A	0.0	0.0	0.0134	0.0170	0.0226	0.0321	0.0409	0.0627	0.0883	0.1269	1.3832
RP25/A	0.0	0.0	0.0157	0.0199	0.0264	0.0375	0.0479	0.0734	0.1033	0.1484	1.5472
RP50/A	0.0	0.0	0.0173	0.0219	0.0291	0.0414	0.0529	0.0810	0.1140	0.1638	1.6580
RP100/A	0.0	0.0	0.0189	0.0239	0.0318	0.0452	0.0577	0.0883	0.1244	0.1787	1.7611
RP1000/A	0.0	0.0	0.0239	0.0302	0.0401	0.0571	0.0729	0.1116	0.1572	0.2258	2.0668
RP10000/A	0.0	0.0	0.0286	0.0362	0.0481	0.0685	0.0873	0.1338	0.1884	0.2707	2.3377
PMP/A	0.0	0.0	0.0563	0.0712	0.0947	0.1347	0.1718	0.2632	0.3707	0.5324	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMK	LATITUDE	LONGITUDE	COUNTY
X15 925 0	BLYTHE	390					S	33.617	114.717	RIVERSIDE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.06	0.07	0.09	0.16	0.28	0.37	0.42	0.51	0.98	1.00	3.88
1941	0.06	0.07	0.09	0.16	0.28	0.37	0.42	0.51	0.98	1.00	******
1942	0.27	0.32	0.45	0.72	0.76	0.93	0.93	0.93	0.93	1.11	******
1943	*****	*****	*****	*****	1.05	1.08	1.10	1.10	1.10	1.63	3.51
1944	*****	*****	*****	*****	0.12	0.23	0.28	0.43	0.45	0.75	2.48
1945	*****	*****	*****	*****	0.53	0.54	0.54	0.54	0.54	0.54	2.74
1946	*****	*****	*****	*****	0.64	0.73	0.73	0.73	0.73	0.76	5.09
1947	*****	*****	*****	*****	0.51	0.53	0.55	0.55	0.55	0.56	1.33
1948	*****	*****	*****	*****	0.37	0.56	0.61	0.65	0.81	1.31	3.23
1949	*****	*****	*****	*****	0.25	0.44	0.58	0.97	1.31	2.20	2.99
1950	0.08	0.10	0.14	0.14	0.14	0.14	0.16	0.16	0.16	0.18	0.31
1951	0.30	0.38	0.55	0.99	1.08	1.95	2.38	2.70	3.47	3.47	8.68
1952	0.21	0.29	0.36	0.36	0.42	0.54	0.74	0.74	0.74	0.87	4.88
1953	0.02	0.03	0.04	0.06	0.08	0.09	0.10	0.12	0.12	0.12	0.59
1954	0.13	0.15	0.19	0.34	0.35	0.35	0.35	0.47	0.50	0.68	2.21
1955	0.18	0.26	0.39	0.49	0.70	0.80	0.86	0.95	1.00	1.00	2.26
1956	0.15	0.24	0.36	0.66	0.91	0.91	0.91	0.91	0.91	0.91	1.11
1957	0.16	0.17	0.20	0.22	0.29	0.35	0.41	0.46	0.57	0.78	3.64
1958	0.25	0.32	0.39	0.40	0.40	0.44	0.50	0.67	0.75	0.75	3.06
1959	0.23	0.31	0.32	0.40	0.56	0.80	0.80	0.90	0.91	0.91	4.21
1960	0.27	0.32	0.43	0.70	0.85	0.93	0.97	0.99	1.08	1.08	2.34
1961	0.09	0.13	0.16	0.17	0.19	0.20	0.22	0.22	0.22	0.22	1.42
1962	0.03	0.05	0.07	0.09	0.17	0.29	0.40	0.50	0.58	0.79	2.20
1963	0.15	0.21	0.27	0.39	0.40	0.56	0.67	0.80	0.90	0.91	4.09
1964	0.01	0.02	0.02	0.04	0.08	0.12	0.14	0.27	0.30	0.30	0.80
1965	0.14	0.22	0.23	0.31	0.56	0.74	0.90	1.34	2.25	2.62	6.20
1966	0.03	0.05	0.07	0.12	0.18	0.31	0.39	0.53	0.70	0.75	3.50
1967	0.06	0.09	0.11	0.15	0.21	0.24	0.32	0.40	0.55	0.69	3.25
1968	0.05	0.06	0.10	0.15	0.15	0.18	0.18	0.19	0.19	0.19	0.83
1969	0.10	0.16	0.18	0.20	0.30	0.30	0.30	0.40	0.55	0.68	2.78
1970	0.09	0.15	0.17	0.26	0.33	0.42	0.47	0.74	0.90	1.07	2.33
1971	0.21	0.24	0.27	0.48	0.51	0.59	0.64	0.64	0.64	0.71	1.57
1972	0.07	0.09	0.13	0.20	0.38	0.63	0.95	1.42	1.97	2.01	2.97
1973	0.17	0.24	0.26	0.48	0.56	0.60	0.63	0.63	0.63	0.65	2.31
1974	*****	*****	*****	*****	0.17	0.29	0.34	0.50	0.65	0.65	2.59

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMK	LATITUDE	LONGITUDE	COUNTY
X15 925 0	BLYTHE	390					S	33.617	114.717	RIVERSIDE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.11	0.14	0.18	0.26	0.34	0.43	0.48	0.56	0.68	0.78	2.60
5	0.18	0.24	0.31	0.46	0.59	0.74	0.83	0.98	1.18	1.35	4.09
10	0.24	0.32	0.41	0.60	0.77	0.97	1.10	1.29	1.55	1.78	5.04
20	0.30	0.40	0.51	0.75	0.96	1.21	1.36	1.60	1.93	2.21	5.93
25	0.32	0.43	0.54	0.79	1.02	1.29	1.45	1.70	2.05	2.34	6.20
40	0.36	0.48	0.61	0.89	1.15	1.45	1.63	1.91	2.31	2.64	6.34
50	0.38	0.50	0.64	0.94	1.21	1.52	1.71	2.01	2.43	2.78	7.04
100	0.44	0.58	0.74	1.09	1.40	1.76	1.98	2.33	2.81	3.21	7.84
200	0.50	0.66	0.84	1.23	1.59	1.99	2.24	2.64	3.18	3.64	8.63
1000	0.63	0.84	1.07	1.57	2.02	2.54	2.86	3.36	4.06	4.64	10.39
10000	0.83	1.10	1.40	2.05	2.64	3.33	3.74	4.40	5.31	6.06	12.81
PMP	1.41	1.87	2.38	3.48	4.48	5.64	6.34	7.46	9.00	10.28	26.95
MEAN	0.132	0.176	0.224	0.327	0.422	0.531	0.597	0.702	0.846	0.967	2.890
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.405	0.225	0.565	1.150	0.925	1.962	2.462	2.452	2.548	1.969	1.311
REGIONAL SKEW	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100
SKEW USED	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.570 ; INTERCEPT (TIME=1 HOUR) =0.399 ; COEFFICIENT OF DETERMINATION = 0.993
1HR INTERCEPT / MEAN YR =0.13815 ; AVERAGE CALC CV / USED CV = 1.02

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	2.334	2.094	2.713	4.321	3.417	9.272	12.632	12.218	11.472	7.783	6.344
N	27	27	27	27	35	35	35	35	35	35	33
RECORD YEAR	1951	1951	1951	1951	1951	1951	1951	1951	1951	1951	1951
RECORD MAXIMUM	0.300	0.380	0.550	0.990	1.080	1.950	2.380	2.700	3.470	3.470	8.680
NORMILIZED MAX	1.969	1.920	2.306	2.843	2.449	3.983	4.348	4.292	4.146	3.617	3.420
CALC. COEF. VAR	0.645	0.607	0.632	0.712	0.637	0.672	0.687	0.663	0.748	0.715	0.586
REGN. COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
USED COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
MEAN/A	0.0457	0.0607	0.0774	0.1133	0.1459	0.1836	0.2065	0.2429	0.2928	0.3346	1.0000
RP10/A	0.0840	0.1115	0.1421	0.2080	0.2679	0.3371	0.3792	0.4460	0.5377	0.6144	1.7442
RP25/A	0.1109	0.1473	0.1877	0.2746	0.3538	0.4451	0.5007	0.5889	0.7099	0.8113	2.1465
RP50/A	0.1313	0.1743	0.2221	0.3251	0.4187	0.5268	0.5926	0.6969	0.8402	0.9602	2.4346
RP100/A	0.1516	0.2013	0.2565	0.3755	0.4836	0.6084	0.6845	0.8050	0.9705	1.1091	2.7131
RP1000/A	0.2193	0.2911	0.3710	0.5429	0.6993	0.8798	0.9897	1.1641	1.4033	1.6037	3.5938
RP10000/A	0.2869	0.3809	0.4854	0.7104	0.9150	1.1512	1.2950	1.5231	1.8362	2.0984	4.4326
PMP/A	0.4863	0.6457	0.8227	1.2041	1.5510	1.9513	2.1951	2.5818	3.1125	3.5570	9.3250

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
X1R 3855	0	HAYFIELD	1370	28	05S	13E		S	33.700	115.633	RIVERSIDE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1942	*****	*****	*****	*****	0.17	0.25	0.27	0.27	0.30	0.30	0.83
1943	*****	*****	*****	*****	0.27	0.40	0.44	0.70	0.84	1.19	5.15
1944	*****	*****	*****	*****	0.26	0.28	0.31	0.35	0.49	0.61	4.21
1945	*****	*****	*****	*****	0.51	0.54	0.54	0.70	0.75	0.97	4.91
1946	*****	*****	*****	*****	0.65	0.76	0.76	0.76	0.76	0.78	3.16
1947	*****	*****	*****	*****	0.47	0.76	0.83	0.84	0.84	0.84	2.26
1948	*****	*****	*****	*****	0.26	0.32	0.41	0.75	0.91	1.20	1.67
1949	*****	*****	*****	*****	0.36	0.61	0.71	1.00	1.15	1.51	3.43
1950	0.03	0.04	0.05	0.08	0.11	0.12	0.14	0.14	0.14	0.14	0.72
1951	0.08	0.15	0.22	0.36	0.43	0.50	0.55	0.64	1.02	1.10	3.93
1952	0.12	0.20	0.29	0.55	0.59	0.59	0.82	1.20	1.42	1.42	4.86
1953	0.02	0.03	0.05	0.09	0.13	0.19	0.22	0.22	0.22	0.22	0.39
1954	0.18	0.26	0.27	0.31	0.36	0.38	0.60	0.60	0.60	0.91	2.68
1955	0.11	0.18	0.21	0.22	0.22	0.22	0.22	0.28	0.37	0.54	3.53
1956	0.14	0.25	0.27	0.30	0.32	0.35	0.35	0.35	0.35	0.37	0.68
1957	0.12	0.14	0.16	0.23	0.27	0.44	0.56	0.75	0.75	0.75	2.64
1958	0.35	0.46	0.52	0.55	0.80	0.90	0.92	0.94	0.94	0.94	3.27
1959	0.12	0.18	0.21	0.25	0.40	0.63	0.85	1.18	1.50	1.54	4.15
1960	0.35	0.40	0.43	0.44	0.46	0.55	0.57	0.87	1.08	1.25	2.78
1961	0.07	0.08	0.09	0.09	0.09	0.10	0.11	0.11	0.12	0.12	1.29
1962	0.04	0.07	0.10	0.15	0.30	0.33	0.35	0.51	0.66	0.66	1.73
1963	0.12	0.18	0.21	0.25	0.25	0.38	0.38	0.44	0.47	0.84	2.81
1964	0.02	0.03	0.05	0.06	0.09	0.16	0.18	0.24	0.42	0.46	0.60
1965	0.29	0.31	0.31	0.31	0.31	0.31	0.38	0.43	0.55	0.67	4.16
1966	0.10	0.14	0.15	0.15	0.24	0.24	0.26	0.26	0.28	0.33	1.84
1967	0.13	0.23	0.29	0.42	0.43	0.44	0.45	0.58	0.80	0.86	2.46
1968	0.20	0.38	0.57	1.07	1.24	1.25	1.25	1.26	1.30	1.69	3.94
1969	0.11	0.20	0.30	0.50	0.60	0.61	0.62	0.63	0.68	0.68	2.16
1970	0.25	0.40	0.46	0.49	0.52	0.54	0.54	0.54	0.54	0.54	2.83
1971	*****	*****	*****	*****	0.37	0.39	0.40	0.40	0.40	0.46	1.77
1972	*****	*****	*****	*****	0.12	0.18	0.23	0.31	0.40	0.45	1.62
1973	*****	*****	*****	*****	0.08	0.08	0.08	0.10	0.10	0.18	0.64
1974	*****	*****	*****	*****	0.19	0.27	0.36	0.65	0.92	1.02	3.32

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
X1R 3855	0	HAYFIELD	1370	28	05S	13E		S	33.700	115.633	RIVERSIDE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.11	0.16	0.20	0.26	0.29	0.34	0.38	0.46	0.54	0.62	2.36
5	0.20	0.29	0.35	0.46	0.50	0.59	0.66	0.80	0.93	1.08	3.70
10	0.26	0.38	0.46	0.60	0.66	0.78	0.87	1.06	1.23	1.42	4.57
20	0.32	0.47	0.57	0.75	0.82	0.97	1.08	1.31	1.53	1.77	5.37
25	0.34	0.50	0.60	0.79	0.87	1.03	1.15	1.40	1.62	1.88	5.62
40	0.38	0.56	0.68	0.89	0.98	1.16	1.29	1.57	1.82	2.11	5.74
50	0.40	0.59	0.71	0.94	1.03	1.22	1.36	1.65	1.92	2.22	6.38
100	0.47	0.68	0.82	1.08	1.19	1.41	1.57	1.91	2.22	2.57	7.10
200	0.53	0.77	0.93	1.23	1.35	1.60	1.78	2.16	2.52	2.91	7.82
1000	0.67	0.98	1.19	1.57	1.72	2.04	2.27	2.76	3.21	3.71	9.41
10000	0.88	1.29	1.56	2.05	2.26	2.67	2.98	3.61	4.20	4.85	11.61
PMP	1.49	2.18	2.64	3.48	3.82	4.53	5.04	6.12	7.11	8.23	24.42
MEAN	0.140	0.205	0.248	0.327	0.360	0.426	0.475	0.576	0.669	0.774	2.619
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.979	0.471	0.602	1.643	1.763	1.231	0.864	0.478	0.468	0.393	0.057
REGIONAL SKEW	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100
SKEW USED	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.681 ; INTERCEPT (TIME=1 HOUR) =0.356 ; COEFFICIENT OF DETERMINATION = 0.990
1HR INTERCEPT / MEAN YR =0.13613 ; AVERAGE CALC CV / USED CV = 0.99

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.639	2.802	3.160	7.379	7.926	5.460	3.983	2.767	2.868	2.653	2.295
N	21	21	21	21	33	33	33	33	33	33	33
RECORD YEAR	1958	1958	1968	1968	1968	1968	1968	1968	1959	1968	1943
RECORD MAXIMUM	0.350	0.460	0.570	1.070	1.240	1.250	1.250	1.260	1.500	1.690	5.150
NORMILIZED MAX	2.136	2.001	2.137	3.209	3.715	3.281	2.921	2.153	2.250	2.156	1.851
CALC. COEF. VAR	0.698	0.620	0.607	0.708	0.659	0.589	0.560	0.552	0.552	0.549	0.522
REGN. COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
USED COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
MEAN/A	0.0536	0.0784	0.0947	0.1249	0.1374	0.1628	0.1812	0.2199	0.2555	0.2955	1.0000
RP10/A	0.0985	0.1439	0.1740	0.2294	0.2522	0.2990	0.3327	0.4037	0.4692	0.5427	1.7442
RP25/A	0.1301	0.1900	0.2297	0.3029	0.3330	0.3947	0.4393	0.5330	0.6195	0.7165	2.1465
RP50/A	0.1539	0.2249	0.2718	0.3585	0.3941	0.4672	0.5200	0.6309	0.7331	0.8480	2.4346
RP100/A	0.1778	0.2598	0.3140	0.4141	0.4553	0.5396	0.6006	0.7287	0.8468	0.9795	2.7131
RP1000/A	0.2571	0.3756	0.4541	0.5987	0.6583	0.7803	0.8685	1.0537	1.2245	1.4164	3.5938
RP10000/A	0.3364	0.4915	0.5941	0.7834	0.8613	1.0210	1.1364	1.3787	1.6022	1.8533	4.4326
PMP/A	0.5702	0.8331	1.0071	1.3279	1.4601	1.7307	1.9262	2.3371	2.7159	3.1415	9.3250

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
X19 1594 0	CATHEDRAL CITY R D	295	33	04S	05E		S	33.782	116.467	RIVERSIDE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1969	0.03	0.06	0.08	0.16	0.26	0.47	0.64	0.94	1.10	1.29	5.09
1970	0.08	0.15	0.16	0.17	0.25	0.43	0.50	0.71	0.71	1.08	2.79
1971	0.10	0.11	0.12	0.15	0.28	0.34	0.38	0.59	0.73	0.75	1.89
1972	0.03	0.03	0.03	0.06	0.06	0.07	0.07	0.11	0.15	0.15	0.31
1973	0.05	0.07	0.10	0.15	0.26	0.36	0.42	0.49	0.62	0.62	2.92
1974	0.04	0.07	0.09	0.15	0.23	0.39	0.52	0.81	1.18	1.48	3.01
1975	0.11	0.16	0.21	0.30	0.37	0.38	0.43	0.46	0.47	0.53	2.09

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
X19 1594 0	CATHEDRAL CITY R D	295	33	04S	05E		S	33.782	116.467	RIVERSIDE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.05	0.07	0.09	0.13	0.20	0.28	0.34	0.47	0.57	0.68	2.33
5	0.09	0.13	0.16	0.22	0.34	0.48	0.59	0.82	0.99	1.17	3.66
10	0.12	0.17	0.21	0.30	0.45	0.64	0.78	1.08	1.30	1.55	4.51
20	0.14	0.21	0.26	0.37	0.56	0.80	0.96	1.34	1.62	1.92	5.30
25	0.15	0.23	0.27	0.39	0.59	0.85	1.03	1.42	1.72	2.04	5.55
40	0.17	0.25	0.31	0.44	0.67	0.95	1.15	1.60	1.93	2.30	5.67
50	0.18	0.27	0.32	0.46	0.70	1.00	1.21	1.68	2.03	2.42	6.30
100	0.21	0.31	0.37	0.54	0.81	1.16	1.40	1.95	2.35	2.79	7.02
200	0.24	0.35	0.42	0.61	0.92	1.31	1.59	2.21	2.66	3.17	7.72
1000	0.30	0.45	0.54	0.77	1.17	1.67	2.03	2.81	3.40	4.04	9.29
10000	0.39	0.58	0.71	1.01	1.53	2.19	2.65	3.68	4.44	5.29	11.46
PMP	0.67	0.99	1.20	1.72	2.60	3.71	4.49	6.24	7.53	8.96	24.11
MEAN	0.063	0.093	0.113	0.161	0.244	0.349	0.423	0.587	0.709	0.843	2.586
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.471	0.380	0.477	0.760	-1.229	-2.023	-1.353	-0.638	-0.125	-0.032	0.278
REGIONAL SKEW	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100
SKEW USED	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.465 ; INTERCEPT (TIME=1 HOUR) =0.239 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.09225 ; AVERAGE CALC CV / USED CV = 0.71

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	3.091	3.557	5.065	7.467	7.705	8.903	7.351	5.283	4.502	3.929	6.242
N	7	7	7	7	7	7	7	7	7	7	7
RECORD YEAR	1975	1975	1975	1975	1975	1969	1969	1969	1974	1974	1969
RECORD MAXIMUM	0.110	0.160	0.210	0.300	0.370	0.470	0.640	0.940	1.180	1.480	5.090
NORMILIZED MAX	1.406	1.383	1.668	1.895	1.353	0.932	1.224	1.299	1.331	1.370	1.734
CALC. COEF. VAR	0.533	0.523	0.516	0.453	0.380	0.374	0.420	0.463	0.500	0.552	0.559
REGN. COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
USED COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
MEAN/A	0.0243	0.0359	0.0436	0.0624	0.0945	0.1348	0.1635	0.2271	0.2740	0.3260	1.0000
RP10/A	0.0446	0.0659	0.0801	0.1146	0.1735	0.2475	0.3003	0.4170	0.5032	0.5986	1.7442
RP25/A	0.0589	0.0871	0.1058	0.1514	0.2291	0.3268	0.3965	0.5505	0.6644	0.7903	2.1465
RP50/A	0.0698	0.1030	0.1252	0.1791	0.2711	0.3868	0.4693	0.6516	0.7863	0.9354	2.4346
RP100/A	0.0806	0.1190	0.1447	0.2069	0.3131	0.4468	0.5420	0.7526	0.9083	1.0804	2.7131
RP1000/A	0.1165	0.1721	0.2092	0.2992	0.4528	0.6461	0.7838	1.0883	1.3134	1.5623	3.5938
RP10000/A	0.1524	0.2252	0.2737	0.3915	0.5925	0.8454	1.0255	1.4240	1.7185	2.0442	4.4326
PMP/A	0.2584	0.3817	0.4640	0.6636	1.0043	1.4330	1.7384	2.4138	2.9130	3.4650	9.3250

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
X19 2405 0	DESERT HOT SPRINGS	1243	30	02S	05E		S	33.970	116.496	RIVERSIDE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1958	0.08	0.15	0.16	0.20	0.29	0.43	0.57	0.77	1.25	1.59	6.72
1959	0.16	0.32	0.48	0.48	0.48	0.53	0.62	0.70	0.80	0.84	2.99
1960	0.05	0.09	0.14	0.27	0.48	0.50	0.50	0.50	0.53	0.96	5.03
1961	0.04	0.06	0.09	0.09	0.09	0.14	0.15	0.25	0.36	0.53	1.65
1962	0.12	0.23	0.34	0.58	0.59	0.59	0.59	0.59	0.66	0.91	4.10
1963	0.10	0.15	0.21	0.31	0.38	0.50	0.50	0.91	0.95	1.29	3.11
1964	0.08	0.09	0.10	0.16	0.28	0.42	0.56	0.78	0.94	1.16	4.49
1965	0.05	0.07	0.09	0.16	0.29	0.50	0.55	0.71	0.80	1.37	3.72
1966	0.12	0.16	0.18	0.35	0.52	0.71	0.90	1.52	2.31	2.79	8.26
1967	0.07	0.09	0.10	0.16	0.20	0.27	0.31	0.52	0.85	0.96	3.93
1968	0.24	0.33	0.34	0.39	0.53	0.53	0.55	0.55	0.59	0.81	4.54
1969	0.16	0.31	0.46	0.54	0.63	0.69	0.71	0.88	0.97	1.21	5.74
1970	0.05	0.10	0.12	0.17	0.25	0.36	0.48	0.73	0.75	1.10	2.55
1971	0.11	0.18	0.19	0.27	0.34	0.43	0.58	0.79	1.05	1.05	3.02
1972	0.12	0.16	0.21	0.21	0.23	0.24	0.29	0.56	0.74	0.76	1.59
1973	0.06	0.08	0.11	0.18	0.31	0.48	0.60	0.77	1.07	1.09	5.14
1974	0.13	0.20	0.27	0.40	0.53	0.79	1.03	1.30	1.86	2.28	5.95
1975	0.09	0.14	0.15	0.25	0.31	0.35	0.35	0.35	0.43	0.50	2.05

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
X19 2405 0	DESERT HOT SPRINGS	1243	30	02S	05E		S	33.970	116.496	RIVERSIDE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.08	0.13	0.17	0.23	0.30	0.38	0.44	0.59	0.75	0.95	3.73
5	0.14	0.22	0.29	0.40	0.52	0.65	0.77	1.02	1.31	1.64	5.86
10	0.19	0.30	0.38	0.53	0.68	0.86	1.01	1.34	1.73	2.16	7.23
20	0.23	0.37	0.47	0.66	0.85	1.07	1.26	1.67	2.14	2.69	8.50
25	0.25	0.39	0.50	0.70	0.90	1.14	1.34	1.78	2.28	2.86	8.89
40	0.28	0.44	0.57	0.78	1.02	1.28	1.50	2.00	2.56	3.21	9.09
50	0.29	0.46	0.60	0.82	1.07	1.35	1.58	2.10	2.70	3.38	10.09
100	0.34	0.54	0.69	0.95	1.24	1.56	1.83	2.43	3.11	3.90	11.24
200	0.38	0.61	0.78	1.08	1.40	1.77	2.07	2.75	3.53	4.43	12.36
1000	0.49	0.77	1.00	1.38	1.79	2.25	2.64	3.51	4.50	5.64	14.89
10000	0.64	1.01	1.30	1.80	2.34	2.95	3.46	4.59	5.89	7.39	18.37
PMP	1.09	1.72	2.21	3.05	3.96	5.00	5.86	7.78	9.99	12.52	38.64
MEAN	0.102	0.162	0.208	0.287	0.373	0.470	0.552	0.732	0.939	1.178	4.143
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.137	0.886	1.183	0.770	0.082	0.001	0.383	1.128	1.725	1.717	0.559
REGIONAL SKEW	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100
SKEW USED	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.546 ; INTERCEPT (TIME=1 HOUR) =0.358 ; COEFFICIENT OF DETERMINATION = 0.987
1HR INTERCEPT / MEAN YR =0.08643 ; AVERAGE CALC CV / USED CV = 0.72

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	5.071	3.197	3.852	3.090	2.559	3.476	4.546	5.358	6.642	6.534	3.501
N	18	18	18	18	18	18	18	18	18	18	18
RECORD YEAR	1968	1968	1959	1962	1969	1974	1974	1966	1966	1966	1966
RECORD MAXIMUM	0.240	0.330	0.480	0.580	0.630	0.790	1.030	1.520	2.310	2.790	8.260
NORMALIZED MAX	2.711	1.946	2.218	2.062	1.698	1.931	2.319	2.595	2.848	2.826	2.289
CALC. COEF. VAR	0.497	0.535	0.591	0.494	0.406	0.353	0.374	0.415	0.512	0.484	0.434
REGN. COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
USED COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
MEAN/A	0.0247	0.0390	0.0501	0.0693	0.0900	0.1134	0.1331	0.1767	0.2267	0.2843	1.0000
RP10/A	0.0453	0.0716	0.0921	0.1273	0.1652	0.2083	0.2445	0.3245	0.4163	0.5220	1.7442
RP25/A	0.0598	0.0946	0.1216	0.1681	0.2181	0.2750	0.3228	0.4285	0.5497	0.6892	2.1465
RP50/A	0.0708	0.1120	0.1439	0.1989	0.2582	0.3255	0.3821	0.5071	0.6506	0.8157	2.4346
RP100/A	0.0818	0.1293	0.1662	0.2298	0.2982	0.3760	0.4413	0.5858	0.7515	0.9422	2.7131
RP1000/A	0.1182	0.1870	0.2403	0.3322	0.4312	0.5437	0.6381	0.8470	1.0867	1.3624	3.5938
RP10000/A	0.1547	0.2447	0.3145	0.4347	0.5642	0.7114	0.8350	1.1082	1.4219	1.7826	4.4326
PMP/A	0.2623	0.4148	0.5331	0.7369	0.9564	1.2058	1.4153	1.8786	2.4102	3.0217	9.3250

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
X19 8817 60	TACHEVAH DAM	0	10	04S	04W		S	0.0	0.0	RIVERSIDE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1968	0.05	0.10	0.13	0.19	0.29	0.42	0.48	0.55	0.55	0.59	4.24
1969	0.18	0.25	0.33	0.46	0.47	0.80	1.10	1.87	2.47	2.90	9.26
1970	0.16	0.16	0.16	0.17	0.30	0.52	0.66	0.99	1.05	1.46	3.69
1971	0.06	0.11	0.17	0.24	0.36	0.47	0.57	0.91	1.24	1.26	3.04
1972	0.05	0.08	0.08	0.08	0.15	0.25	0.35	0.55	0.81	0.89	1.61
1973	0.05	0.06	0.08	0.15	0.25	0.39	0.46	0.69	0.92	0.92	4.21
1974	0.14	0.22	0.25	0.35	0.44	0.59	0.69	0.99	1.50	2.02	4.86
1975	0.12	0.23	0.35	0.60	0.80	1.10	1.11	1.11	1.11	1.11	3.99

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
X19 8817 60	TACHEVAH DAM	0	10	04S	04W		S	0.0	0.0	RIVERSIDE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.08	0.12	0.16	0.22	0.31	0.46	0.54	0.77	0.97	1.12	3.93
5	0.14	0.21	0.27	0.39	0.53	0.79	0.94	1.33	1.68	1.94	6.17
10	0.19	0.28	0.36	0.51	0.70	1.04	1.24	1.76	2.21	2.56	7.61
20	0.23	0.35	0.44	0.64	0.87	1.29	1.55	2.18	2.76	3.18	8.95
25	0.25	0.37	0.47	0.68	0.93	1.38	1.64	2.32	2.92	3.38	9.36
40	0.28	0.41	0.53	0.76	1.04	1.55	1.85	2.61	3.29	3.90	9.57
50	0.29	0.43	0.56	0.80	1.10	1.63	1.94	2.75	3.46	4.00	10.62
100	0.34	0.50	0.64	0.93	1.27	1.88	2.25	3.17	4.00	4.62	11.84
200	0.38	0.57	0.73	1.05	1.44	2.13	2.55	3.60	4.53	5.24	13.02
1000	0.49	0.72	0.93	1.34	1.83	2.72	3.25	4.59	5.78	6.68	15.68
10000	0.63	0.95	1.22	1.76	2.40	3.56	4.25	6.00	7.56	8.74	19.34
PMP	1.08	1.61	2.06	2.98	4.07	6.03	7.20	10.18	12.82	14.82	40.68
MEAN	0.101	0.151	0.194	0.280	0.382	0.567	0.677	0.957	1.206	1.394	4.362
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.325	0.211	0.531	0.920	1.421	1.200	0.833	1.511	1.597	1.327	1.660
REGIONAL SKEW	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100
SKEW USED	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.473 ; INTERCEPT (TIME=1 HOUR) =0.389 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.08925 ; AVERAGE CALC CV / USED CV = 0.81

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	2.564	2.629	3.217	4.277	6.785	5.589	3.765	7.049	7.270	5.769	8.126
N	8	8	8	8	8	8	8	8	8	8	8
RECORD YEAR	1969	1969	1975	1975	1975	1975	1975	1969	1969	1969	1969
RECORD MAXIMUM	0.180	0.250	0.350	0.600	0.800	1.100	1.110	1.870	2.470	2.900	9.260
NORMILIZED MAX	1.435	1.332	1.482	1.812	2.115	1.985	1.514	2.147	2.164	2.021	2.216
CALC. COEF. VAR	0.542	0.490	0.544	0.631	0.516	0.473	0.422	0.444	0.484	0.535	0.507
REGN. COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
USED COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
MEAN/A	0.0232	0.0347	0.0444	0.0642	0.0877	0.1301	0.1553	0.2195	0.2765	0.3195	1.0000
RP10/A	0.0426	0.0637	0.0816	0.1179	0.1610	0.2389	0.2852	0.4030	0.5077	0.5867	1.7442
RP25/A	0.0563	0.0841	0.1077	0.1556	0.2126	0.3154	0.3765	0.5321	0.6704	0.7746	2.1465
RP50/A	0.0666	0.0995	0.1274	0.1842	0.2516	0.3733	0.4456	0.6298	0.7934	0.9168	2.4346
RP100/A	0.0769	0.1149	0.1472	0.2127	0.2906	0.4312	0.5147	0.7275	0.9165	1.0589	2.7131
RP1000/A	0.1112	0.1662	0.2129	0.3076	0.4202	0.6235	0.7443	1.0519	1.3252	1.5312	3.5938
RP10000/A	0.1455	0.2174	0.2785	0.4025	0.5498	0.8158	0.9739	1.3764	1.7340	2.0035	4.4326
PMP/A	0.2467	0.3685	0.4721	0.6823	0.9320	1.3828	1.6508	2.3331	2.9392	3.3961	9.3250

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
X19 PP92 0	THERMAL AP	120	21	06S	08E	M	S	33.634	116.162	RIVERSIDE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.34	0.54	0.73	1.33	1.93	1.93	4.90
1941	*****	*****	*****	*****	1.15	1.49	1.81	2.04	2.17	2.19	8.26
1942	*****	*****	*****	*****	0.80	1.53	1.53	1.53	1.53	1.53	3.19
1943	*****	*****	*****	*****	0.61	0.64	0.44	1.16	2.02	2.72	8.08
1944	*****	*****	*****	*****	0.60	0.60	0.60	0.61	0.61	0.72	2.95
1945	*****	*****	*****	*****	0.73	0.93	1.11	1.42	2.25	2.25	5.01
1946	*****	*****	*****	*****	0.11	0.15	0.18	0.22	0.24	0.26	1.82
1947	*****	*****	*****	*****	0.18	0.30	0.37	0.38	0.38	0.43	0.99
1948	*****	*****	*****	*****	0.35	0.49	0.59	0.73	0.75	1.34	1.97
1949	*****	*****	*****	*****	0.19	0.38	0.53	0.83	0.96	1.00	2.33
1950	*****	*****	*****	*****	0.13	0.17	0.19	0.20	0.20	0.20	0.74
1951	0.11	0.12	0.12	0.13	0.18	0.27	0.33	0.46	0.46	0.49	1.91
1952	0.24	0.27	0.30	0.37	0.39	0.60	0.80	1.28	1.48	1.58	5.47
1953	0.02	0.03	0.04	0.05	0.06	0.08	0.09	0.10	0.10	0.10	0.32
1954	0.22	0.38	0.42	0.46	0.46	0.51	0.54	0.61	0.62	0.62	1.76
1955	0.34	0.50	0.58	0.60	0.60	0.61	0.61	0.61	0.61	0.70	2.48
1956	0.06	0.11	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.20	0.49
1957	0.02	0.03	0.04	0.07	0.11	0.19	0.27	0.47	0.64	0.67	2.22
1958	0.04	0.08	0.14	0.27	0.35	0.52	0.54	0.72	0.89	1.05	2.94
1959	0.05	0.07	0.10	0.13	0.18	0.31	0.40	0.65	0.85	0.95	2.65
1960	0.06	0.09	0.12	0.13	0.20	0.26	0.30	0.34	0.54	0.55	1.47
1961	0.20	0.29	0.38	0.42	0.43	0.43	0.43	0.61	0.62	0.62	1.26
1962	0.02	0.03	0.04	0.06	0.11	0.13	0.16	0.17	0.18	0.27	1.19
1963	0.13	0.21	0.22	0.22	0.25	0.44	0.59	0.83	0.87	1.12	3.32
1964	0.08	0.09	0.10	0.12	0.20	0.36	0.52	0.84	0.97	0.97	1.60
1965	0.15	0.18	0.20	0.23	0.23	0.24	0.36	0.55	0.76	0.84	3.84
1966	0.16	0.23	0.27	0.32	0.37	0.41	0.42	0.42	0.42	0.42	1.00
1967	0.10	0.15	0.23	0.26	0.32	0.34	0.35	0.36	0.36	0.36	2.46
1968	0.02	0.04	0.05	0.07	0.10	0.14	0.16	0.16	0.16	0.16	1.88
1969	0.08	0.10	0.10	0.10	0.10	0.10	0.10	0.18	0.20	0.20	1.57
1970	0.19	0.23	0.42	0.48	0.50	0.51	0.55	0.55	0.55	0.55	2.85
1971	0.02	0.03	0.04	0.05	0.08	0.08	0.08	0.08	0.08	0.08	0.25
1972	*****	*****	*****	*****	0.29	0.29	0.32	0.39	0.39	0.39	0.93
1973	*****	*****	*****	*****	0.07	0.07	0.23	0.30	0.30	0.31	1.01
1974	*****	*****	*****	*****	0.26	0.52	0.69	1.06	1.33	1.45	3.19

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
X19 PP92 0	THERMAL AP	120	21	06S	08E	M	S	33.634	116.162	RIVERSIDE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.09	0.12	0.16	0.18	0.26	0.34	0.40	0.51	0.61	0.67	2.27
5	0.15	0.22	0.27	0.31	0.44	0.59	0.69	0.89	1.06	1.16	3.57
10	0.20	0.29	0.36	0.41	0.59	0.78	0.91	1.17	1.39	1.53	4.40
20	0.25	0.35	0.44	0.51	0.73	0.96	1.13	1.46	1.73	1.90	5.17
25	0.27	0.38	0.47	0.54	0.77	1.02	1.20	1.55	1.84	2.02	5.42
40	0.30	0.42	0.53	0.61	0.87	1.15	1.35	1.74	2.07	2.28	5.53
50	0.32	0.45	0.55	0.64	0.92	1.21	1.42	1.83	2.18	2.40	6.14
100	0.36	0.51	0.64	0.74	1.06	1.40	1.64	2.12	2.52	2.77	6.84
200	0.41	0.58	0.73	0.84	1.20	1.59	1.86	2.40	2.85	3.14	7.53
1000	0.53	0.74	0.93	1.07	1.53	2.02	2.37	3.06	3.64	4.00	9.07
10000	0.69	0.97	1.21	1.40	2.00	2.65	3.10	4.00	4.76	5.24	11.18
PMP	1.17	1.65	2.06	2.37	3.40	4.49	5.25	6.78	8.07	8.87	23.53
MEAN	0.110	0.155	0.193	0.223	0.319	0.422	0.494	0.638	0.759	0.835	2.523
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.005	1.260	1.076	0.871	1.547	1.997	1.942	1.182	1.196	1.196	1.617
REGIONAL SKEW	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100
SKEW USED	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.591 ; INTERCEPT (TIME=1 HOUR) =0.316 ; COEFFICIENT OF DETERMINATION = 0.997
IMP INTERCEPT / MEAN YR =0.12545 ; AVERAGE CALC CV / USED CV = 1.21

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.907	4.692	3.849	3.134	5.930	7.861	7.775	4.411	3.762	4.020	5.944
N	21	21	21	21	35	35	35	35	35	35	35
RECORD YEAR	1955	1955	1955	1955	1941	1942	1941	1941	1945	1943	1941
RECORD MAXIMUM	0.340	0.500	0.580	0.600	1.150	1.530	1.810	2.040	2.250	2.720	8.260
NORMILIZED MAX	2.598	2.728	2.542	2.318	3.420	3.289	3.519	3.037	2.446	2.806	3.011
CALC. COEF. VAR	0.805	0.814	0.787	0.728	0.760	0.798	0.758	0.723	0.803	0.805	0.755
REGN. COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
USED COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
MEAN/A	0.0436	0.0615	0.0766	0.0885	0.1266	0.1674	0.1957	0.2530	0.3009	0.3309	1.0000
RP10/A	0.0801	0.1130	0.1407	0.1626	0.2325	0.3074	0.3594	0.4646	0.5525	0.6076	1.7442
RP25/A	0.1057	0.1492	0.1858	0.2146	0.3070	0.4058	0.4745	0.6134	0.7296	0.8023	2.1465
RP50/A	0.1251	0.1766	0.2199	0.2540	0.3633	0.4803	0.5616	0.7260	0.8635	0.9496	2.4346
RP100/A	0.1445	0.2040	0.2540	0.2934	0.4197	0.5548	0.6486	0.8386	0.9974	1.0968	2.7131
RP1000/A	0.2090	0.2949	0.3673	0.4243	0.6068	0.8022	0.9379	1.2126	1.4422	1.5860	3.5938
RP10000/A	0.2734	0.3859	0.4806	0.5551	0.7940	1.0497	1.2272	1.5866	1.8870	2.0752	4.4326
PMP/A	0.4635	0.6541	0.8146	0.9410	1.3459	1.7793	2.0803	2.6894	3.1986	3.5176	9.3250

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT RMM	LATITUDE	LONGITUDE	COUNTY
X19 9105 20	TWIN PINES	0	32	03S	02E	S 0.0	0.0	RIVERSIDE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1965	0.10	0.19	0.28	0.55	0.69	1.01	1.33	2.25	2.75	3.06	20.59
1966	0.38	0.58	0.63	0.65	0.66	1.18	1.66	3.18	5.75	8.28	26.21
1967	0.19	0.21	0.31	0.49	0.63	1.06	1.50	2.74	4.02	6.20	38.01
1968	0.17	0.28	0.46	0.65	0.70	0.99	1.30	1.84	2.21	2.60	17.72
1969	0.15	0.30	0.30	0.44	0.80	1.33	1.75	3.34	5.10	7.14	43.62
1970	0.19	0.38	0.46	0.54	0.61	0.98	1.30	1.97	2.29	4.33	15.58
1971	0.13	0.17	0.22	0.30	0.50	0.88	1.25	1.98	2.33	3.05	16.83
1972	0.10	0.17	0.18	0.25	0.39	0.64	0.92	1.43	2.22	3.10	13.73
1973	0.08	0.14	0.20	0.29	0.46	0.86	1.16	1.96	2.25	2.62	27.79
1974	0.17	0.17	0.18	0.18	0.30	0.50	0.70	1.12	1.65	2.20	14.36
1975	0.13	0.21	0.22	0.37	0.49	0.78	1.10	1.49	2.29	2.71	16.68

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT RMM	LATITUDE	LONGITUDE	COUNTY
X19 9105 20	TWIN PINES	0	32	03S	02E	S 0.0	0.0	RIVERSIDE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PER100 IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.13	0.20	0.25	0.34	0.45	0.75	1.02	1.70	2.40	3.31	20.55
5	0.23	0.35	0.43	0.60	0.79	1.29	1.77	2.95	4.16	5.73	32.27
10	0.30	0.47	0.56	0.79	1.04	1.70	2.34	3.89	5.49	7.56	39.82
20	0.37	0.58	0.70	0.98	1.29	2.12	2.91	4.83	6.81	9.39	46.83
25	0.39	0.62	0.74	1.04	1.37	2.25	3.09	5.14	7.24	9.98	49.00
40	0.44	0.69	0.84	1.17	1.54	2.53	3.47	5.77	8.14	11.22	50.07
50	0.47	0.73	0.88	1.23	1.63	2.66	3.65	6.08	8.57	11.81	55.58
100	0.54	0.84	1.02	1.42	1.88	3.08	4.22	7.02	9.90	13.65	61.94
200	0.61	0.96	1.16	1.61	2.13	3.49	4.79	7.96	11.23	15.48	68.13
1000	0.78	1.22	1.47	2.05	2.71	4.45	6.10	10.15	14.32	19.73	82.04
10000	1.02	1.60	1.93	2.69	3.55	5.82	7.99	13.28	18.73	25.82	101.19
PMP	1.73	2.71	3.27	4.55	6.02	9.87	13.54	22.52	31.75	43.77	212.88
MEAN	0.163	0.255	0.307	0.428	0.566	0.928	1.274	2.118	2.987	4.117	22.829
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.098	1.856	1.392	-0.018	-0.292	-0.209	-0.132	0.570	1.346	1.161	1.240
REGIONAL SKEW	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100
SKEW USED	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.453 ; INTERCEPT (TIME=1 HOUR) =0.641 ; COEFFICIENT OF DETERMINATION = 0.988
1HR INTERCEPT / MEAN YR =0.02806 ; AVERAGE CALC CV / USED CV = 0.58

KURTOSIS	8.960	7.117	5.353	2.616	3.227	3.960	3.952	3.338	4.295	3.709	4.259
N	11	11	11	11	11	11	11	11	11	11	11
RECORD YEAR	1966	1966	1966	1966	1969	1969	1969	1969	1966	1966	1969
RECORD MAXIMUM	0.380	0.580	0.630	0.650	0.800	1.330	1.790	3.340	5.750	8.280	43.620
NORMILIZED MAX	2.678	2.518	2.305	1.370	1.554	1.712	1.658	1.722	2.051	1.977	2.068
CALC.-COEF. VAR	0.499	0.508	0.456	0.378	0.265	0.243	0.264	0.335	0.451	0.511	0.440
REGN. COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
USED COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
MEAN/A	0.0071	0.0112	0.0135	0.0188	0.0248	0.0407	0.0558	0.0928	0.1309	0.1804	1.0000
RP10/A	0.0131	0.0205	0.0247	0.0344	0.0456	0.0747	0.1024	0.1704	0.2403	0.3312	1.7442
RP25/A	0.0173	0.0270	0.0326	0.0455	0.0601	0.0986	0.1353	0.2250	0.3173	0.4373	2.1465
RP50/A	0.0205	0.0320	0.0386	0.0538	0.0712	0.1167	0.1601	0.2662	0.3755	0.5175	2.4346
RP100/A	0.0236	0.0370	0.0446	0.0622	0.0822	0.1348	0.1849	0.3075	0.4337	0.5978	2.7131
RP1000/A	0.0342	0.0534	0.0645	0.0899	0.1189	0.1949	0.2678	0.4447	0.6272	0.8644	3.5938
RP10000/A	0.0447	0.0699	0.0844	0.1176	0.1556	0.2550	0.3499	0.5819	0.8208	1.1310	4.4326
PMP/A	0.0758	0.1185	0.1431	0.1994	0.2637	0.4322	0.5930	0.9863	1.3910	1.9171	9.3250

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 2034 21	CHASE AND TAYLOR	1055	02	04S	07W		S	33.844	117.577	RIVERSIDE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1968	0.18	0.28	0.30	0.38	0.62	0.98	1.44	2.12	2.64	2.97	11.04
1969	0.20	0.25	0.37	0.48	0.72	1.22	1.71	2.85	4.53	5.57	32.40
1970	0.19	0.19	0.22	0.30	0.42	0.64	1.00	1.27	1.40	1.90	8.61
1971	0.11	0.16	0.18	0.26	0.40	0.63	0.85	1.26	1.57	2.19	9.68
1972	0.10	0.10	0.10	0.15	0.76	0.61	0.61	0.96	1.67	2.10	6.58
1973	0.15	0.24	0.25	0.33	0.53	0.85	1.13	1.64	1.91	2.12	18.25
1974	0.06	0.11	0.12	0.16	0.27	0.52	0.73	1.20	1.54	2.06	10.90
1975	0.11	0.18	0.28	0.48	0.87	1.18	1.46	1.87	2.33	2.40	11.71

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 2034 21	CHASE AND TAYLOR	1055	02	04S	07W		S	33.844	117.577	RIVERSIDE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.12	0.19	0.22	0.28	0.45	0.73	0.99	1.46	1.95	2.37	12.81
5	0.19	0.25	0.31	0.43	0.69	1.10	1.51	2.22	2.96	3.59	18.01
10	0.23	0.31	0.38	0.53	0.85	1.36	1.85	2.73	3.65	4.42	21.25
20	0.27	0.37	0.45	0.62	1.00	1.60	2.19	3.22	4.30	5.21	24.20
25	0.28	0.39	0.47	0.65	1.05	1.67	2.29	3.38	4.51	5.46	25.10
40	0.31	0.42	0.51	0.71	1.15	1.83	2.51	3.70	4.94	5.98	26.97
50	0.32	0.46	0.53	0.74	1.19	1.91	2.61	3.85	5.14	6.22	27.83
100	0.36	0.49	0.60	0.83	1.34	2.14	2.92	4.31	5.75	6.97	30.43
200	0.40	0.55	0.66	0.92	1.48	2.36	3.23	4.76	6.36	7.70	32.95
1000	0.48	0.66	0.80	1.12	1.80	2.87	3.93	5.79	7.73	9.37	38.56
10000	0.60	0.83	1.00	1.39	2.25	3.59	4.90	7.23	9.66	11.70	46.17
PMP	1.16	1.59	1.91	2.67	4.30	6.86	9.39	13.94	18.49	22.40	98.80
MEAN	0.137	0.189	0.227	0.317	0.511	0.816	1.116	1.646	2.199	2.664	13.646
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	-0.140	-0.060	0.002	0.002	0.464	0.423	0.244	1.074	1.992	2.468	2.035
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.414 ; INTERCEPT (TIME=1 HOUR) =0.536 ; COEFFICIENT OF DETERMINATION = 0.981
1HR INTERCEPT / MEAN YR =0.03926 ; AVERAGE CALC CV / USED CV = 0.76

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	3.168	3.245	3.656	3.282	3.670	2.911	3.188	5.090	8.124	9.959	8.204
N	8	8	8	8	8	8	8	8	8	8	8
RECORD YEAR	1969	1968	1969	1969	1975	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	0.200	0.280	0.370	0.480	0.870	1.220	1.710	2.850	4.530	5.570	32.400
NORMILIZED MAX	1.248	1.401	1.553	1.277	1.661	1.414	1.522	1.944	2.256	2.385	2.260
CALC. COEF. VAR	0.364	0.345	0.403	0.401	0.422	0.350	0.350	0.376	0.470	0.457	0.608
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0101	0.0138	0.0167	0.0233	0.0375	0.0598	0.0818	0.1206	0.1611	0.1952	1.0000
RP10/A	0.0167	0.0230	0.0277	0.0386	0.0622	0.0993	0.1358	0.2003	0.2675	0.3241	1.5570
RP25/A	0.0207	0.0284	0.0342	0.0477	0.0768	0.1227	0.1678	0.2474	0.3305	0.4004	1.8397
RP50/A	0.0235	0.0323	0.0390	0.0544	0.0875	0.1398	0.1911	0.2819	0.3765	0.4561	2.0392
RP100/A	0.0264	0.0362	0.0436	0.0609	0.0980	0.1565	0.2140	0.3156	0.4215	0.5107	2.2303
RP1000/A	0.0354	0.0486	0.0586	0.0818	0.1318	0.2104	0.2877	0.4243	0.5667	0.6865	2.8254
RP10000/A	0.0443	0.0607	0.0732	0.1022	0.1645	0.2627	0.3593	0.5299	0.7077	0.8573	3.3833
PMP/A	0.0847	0.1163	0.1402	0.1957	0.3151	0.5030	0.6879	1.0146	1.3551	1.6416	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 3792 50	HARRISON DAM	1275	32	03S	05W		S	33.871	117.434	RIVERSIDE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1962	0.15	0.18	0.21	0.30	0.33	0.40	0.44	0.56	1.02	1.10	8.04
1963	0.05	0.09	0.14	0.18	0.20	0.39	0.58	0.78	1.12	1.96	5.24
1964	0.25	0.26	0.26	0.33	0.33	0.43	0.65	1.09	1.64	2.30	8.54
1965	0.05	0.09	0.14	0.18	0.30	0.57	0.80	1.08	1.08	1.32	7.96
1966	0.30	0.60	0.90	0.90	0.91	1.11	1.11	1.19	1.75	2.75	11.81
1967	0.07	0.14	0.21	0.21	0.38	0.49	0.64	0.96	1.32	1.58	9.73
1968	0.04	0.08	0.10	0.20	0.36	0.58	0.87	1.25	1.40	1.65	6.18
1969	0.05	0.07	0.10	0.20	0.40	0.59	0.72	1.28	1.64	2.02	13.76
1970	0.10	0.20	0.20	0.20	0.21	0.27	0.39	0.50	0.75	0.99	5.47
1971	0.13	0.22	0.25	0.34	0.35	0.35	0.39	0.51	0.62	1.08	6.00
1972	0.13	0.24	0.34	0.54	0.66	0.66	0.66	0.66	0.67	1.05	4.87
1973	0.09	0.18	0.21	0.32	0.35	0.50	0.54	0.61	0.80	0.85	9.55
1974	0.06	0.07	0.07	0.12	0.23	0.45	0.60	1.02	1.36	1.74	6.49
1975	0.08	0.15	0.19	0.31	0.52	0.77	0.92	1.10	1.21	1.22	7.04

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 3792 50	HARRISON DAM	1275	32	03S	05W		S	33.871	117.434	RIVERSIDE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.10	0.16	0.21	0.27	0.35	0.48	0.59	0.80	1.04	1.37	7.42
5	0.15	0.25	0.32	0.42	0.53	0.73	0.90	1.21	1.58	2.08	10.43
10	0.18	0.30	0.39	0.51	0.66	0.90	1.10	1.49	1.94	2.56	12.31
20	0.22	0.36	0.46	0.61	0.77	1.06	1.30	1.76	2.29	3.02	14.02
25	0.23	0.38	0.49	0.63	0.81	1.11	1.36	1.84	2.40	3.17	14.54
40	0.25	0.41	0.53	0.69	0.89	1.21	1.49	2.02	2.63	3.47	15.62
50	0.26	0.43	0.55	0.72	0.92	1.26	1.55	2.10	2.73	3.61	16.12
100	0.29	0.48	0.62	0.81	1.03	1.41	1.74	2.35	3.06	4.04	17.63
200	0.32	0.53	0.69	0.89	1.14	1.56	1.92	2.60	3.38	4.46	19.09
1000	0.39	0.65	0.83	1.09	1.39	1.90	2.34	3.16	4.11	5.43	22.34
10000	0.49	0.81	1.04	1.36	1.73	2.37	2.92	3.95	5.14	6.78	26.75
PMP	0.93	1.54	1.99	2.60	3.32	4.54	5.59	7.56	9.84	12.98	57.24
MEAN	0.111	0.184	0.237	0.309	0.395	0.540	0.665	0.899	1.170	1.544	7.906
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.563	2.384	2.966	2.280	1.772	1.996	0.610	-0.214	0.009	0.778	0.996
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.531 ; INTERCEPT (TIME=1 HOUR) =0.405 ; COEFFICIENT OF DETERMINATION = 0.987
1HR INTERCEPT / MEAN YR =0.05127 ; AVERAGE CALC CV / USED CV = 1.20

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	5.339	10.201	12.856	9.109	6.801	6.847	3.736	2.050	2.529	3.498	4.083
N	14	14	14	14	14	14	14	14	14	14	14
RECORD YEAR	1966	1966	1966	1966	1966	1966	1966	1969	1966	1966	1969
RECORD MAXIMUM	0.300	0.600	0.900	0.900	0.910	1.110	1.110	1.280	1.750	2.750	13.760
NORMILIZED MAX	2.424	3.058	3.250	2.957	2.698	2.716	2.151	1.332	1.563	2.154	2.255
CALC. COEF. VAR	0.705	0.742	0.860	0.646	0.483	0.389	0.311	0.318	0.317	0.363	0.328
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0140	0.0232	0.0300	0.0391	0.0500	0.0683	0.0841	0.1138	0.1480	0.1952	1.0000
RP10/A	0.0233	0.0386	0.0498	0.0650	0.0830	0.1134	0.1397	0.1889	0.2457	0.3242	1.5570
RP25/A	0.0287	0.0476	0.0615	0.0802	0.1025	0.1401	0.1725	0.2333	0.3035	0.4005	1.8397
RP50/A	0.0327	0.0543	0.0701	0.0914	0.1167	0.1596	0.1965	0.2658	0.3458	0.4562	2.0392
RP100/A	0.0366	0.0607	0.0785	0.1023	0.1307	0.1787	0.2201	0.2976	0.3872	0.5108	2.2303
RP1000/A	0.0493	0.0817	0.1055	0.1376	0.1757	0.2402	0.2958	0.4001	0.5205	0.6867	2.8254
RP10000/A	0.0615	0.1020	0.1317	0.1718	0.2194	0.3000	0.3694	0.4996	0.6500	0.8575	3.3833
PMP/A	0.1178	0.1953	0.2523	0.3290	0.4202	0.5744	0.7074	0.9566	1.2446	1.6420	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 6858 1	PIGEON PASS	1910	23	02S	04W		S	33.988	117.269	RIVERSIDE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1957	0.22	0.44	0.44	0.46	0.47	0.59	0.61	0.80	0.90	1.02	10.23
1958	0.13	0.17	0.25	0.35	0.50	0.62	0.84	0.98	1.24	1.61	16.20
1959	0.10	0.19	0.19	0.19	0.30	0.47	0.56	0.64	0.88	1.24	5.40
1960	0.13	0.13	0.15	0.22	0.32	0.45	0.56	0.66	0.83	0.92	7.91
1961	0.10	0.16	0.18	0.24	0.32	0.41	0.41	0.52	0.73	0.84	3.58
1962	0.11	0.20	0.22	0.29	0.51	0.64	0.70	0.83	1.26	1.44	9.88
1963	0.09	0.11	0.14	0.28	0.42	0.64	0.74	1.07	1.55	2.62	7.87
1964	0.16	0.19	0.21	0.26	0.41	0.58	0.74	1.27	1.51	1.86	11.72
1965	0.10	0.19	0.23	0.41	0.54	0.63	0.79	0.99	1.23	1.35	10.51
1966	0.21	0.42	0.63	1.24	1.45	1.45	1.45	1.59	2.46	3.80	15.36
1967	0.17	0.20	0.23	0.32	0.40	0.54	0.73	1.23	2.20	2.84	16.42
1968	0.19	0.23	0.39	0.48	0.76	1.04	1.33	1.45	1.78	2.16	10.52
1969	0.17	0.19	0.24	0.35	0.55	0.88	1.23	1.95	2.48	3.43	22.35
1970	0.10	0.13	0.16	0.23	0.39	0.48	0.65	0.87	1.29	1.35	7.02
1971	0.17	0.25	0.29	0.33	0.43	0.59	0.75	0.94	1.25	1.39	8.14
1972	0.06	0.09	0.09	0.14	0.23	0.41	0.56	0.82	1.24	1.52	4.45
1973	0.23	0.25	0.26	0.30	0.35	0.54	0.63	0.84	1.23	1.44	13.80
1974	0.07	0.08	0.10	0.15	0.21	0.34	0.45	0.83	1.23	1.76	9.62
1975	0.14	0.18	0.21	0.25	0.38	0.68	0.87	1.07	1.32	1.43	7.93

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 6858 1	PIGEON PASS	1910	23	02S	04W		S	33.988	117.269	RIVERSIDE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.12	0.18	0.22	0.30	0.42	0.56	0.68	0.90	1.25	1.59	9.82
5	0.19	0.27	0.33	0.46	0.63	0.85	1.04	1.37	1.90	2.41	13.82
10	0.23	0.33	0.40	0.57	0.78	1.05	1.28	1.69	2.33	2.97	16.30
20	0.27	0.39	0.47	0.67	0.92	1.23	1.50	1.99	2.75	3.51	18.56
25	0.29	0.41	0.50	0.70	0.96	1.29	1.58	2.08	2.88	3.67	19.26
40	0.31	0.45	0.54	0.77	1.05	1.42	1.73	2.28	3.16	4.02	20.69
50	0.33	0.47	0.57	0.80	1.10	1.47	1.80	2.37	3.28	4.18	21.35
100	0.36	0.52	0.63	0.89	1.23	1.65	2.01	2.66	3.68	4.68	23.35
200	0.40	0.58	0.70	0.99	1.36	1.82	2.22	2.94	4.06	5.18	25.28
1000	0.49	0.70	0.85	1.20	1.65	2.22	2.70	3.57	4.94	6.30	29.58
10000	0.61	0.88	1.07	1.50	2.06	2.77	3.37	4.46	6.17	7.86	35.42
PMP	1.17	1.68	2.04	2.97	3.95	5.30	6.46	8.54	11.82	15.06	75.80
MEAN	0.139	0.200	0.243	0.342	0.469	0.631	0.768	1.016	1.406	1.791	10.469
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.289	1.500	1.790	3.309	2.976	2.097	1.321	1.219	1.131	1.301	0.882
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.528 ; INTERCEPT (TIME=1 HOUR) =0.463 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.04419 ; AVERAGE CALC CV / USED CV = 0.98

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	2.495	5.763	7.179	15.465	13.540	8.400	4.573	4.950	4.098	4.337	4.239
N	19	19	19	19	19	19	19	19	19	19	19
RECORD YEAR	1973	1957	1966	1966	1966	1966	1966	1969	1966	1966	1969
RECORD MAXIMUM	0.230	0.440	0.630	1.240	1.450	1.450	1.450	1.950	2.560	3.800	22.350
NORMILIZED MAX	1.785	2.549	3.038	3.799	3.666	3.188	2.414	2.665	2.230	2.436	2.541
CALC. COEF. VAR	0.364	0.471	0.525	0.692	0.570	0.408	0.368	0.345	0.368	0.461	0.447
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0133	0.0191	0.0232	0.0326	0.0448	0.0602	0.0734	0.0970	0.1343	0.1710	1.0000
RP10/A	0.0221	0.0317	0.0385	0.0542	0.0745	0.1000	0.1219	0.1611	0.2229	0.2840	1.5570
RP25/A	0.0273	0.0392	0.0475	0.0669	0.0920	0.1235	0.1505	0.1990	0.2754	0.3508	1.8397
RP50/A	0.0311	0.0446	0.0542	0.0762	0.1048	0.1407	0.1715	0.2267	0.3138	0.3996	2.0392
RP100/A	0.0349	0.0500	0.0606	0.0854	0.1173	0.1576	0.1920	0.2538	0.3513	0.4474	2.2303
RP1000/A	0.0469	0.0672	0.0815	0.1148	0.1577	0.2118	0.2581	0.3412	0.4723	0.6015	2.8254
RP10000/A	0.0585	0.0839	0.1018	0.1433	0.1970	0.2645	0.3224	0.4262	0.5898	0.7512	3.3833
PMP/A	0.1120	0.1607	0.1949	0.2744	0.3771	0.5065	0.6173	0.8160	1.1293	1.4384	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
Y01 7123 0	PRADO DAM	560	20	035	07W	P	S	33.890	117.635	RIVERSIDE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.50	0.93	1.27	2.01	2.24	2.26	******
1941	*****	*****	*****	*****	0.45	0.75	0.79	1.11	1.31	1.71	26.93
1942	*****	*****	*****	*****	0.39	0.71	0.91	0.97	1.09	1.09	6.63
1943	*****	*****	*****	*****	0.68	1.28	1.81	3.10	4.94	7.23	26.18
1944	*****	*****	*****	*****	0.96	1.63	1.99	3.05	3.90	4.41	17.82
1945	*****	*****	*****	*****	0.34	0.55	0.69	1.23	1.83	2.36	14.32
1946	*****	*****	*****	*****	0.55	0.56	0.70	1.22	1.85	2.35	14.41
1947	*****	*****	*****	*****	0.29	0.39	0.41	0.54	0.62	0.97	2.77
1948	*****	*****	*****	*****	0.38	0.43	0.56	0.79	0.93	1.56	7.63
1949	*****	*****	*****	*****	0.37	0.65	0.79	0.86	0.97	1.47	8.92
1950	0.15	0.25	0.32	0.55	0.95	1.26	1.34	1.71	1.90	1.99	8.76
1951	0.12	0.20	0.26	0.33	0.30	0.56	0.76	1.11	1.81	3.26	13.10
1952	0.18	0.24	0.30	0.41	0.53	0.72	0.89	1.45	2.16	2.35	19.53
1953	0.05	0.09	0.10	0.15	0.30	0.37	0.55	0.68	0.68	0.75	4.42
1954	0.23	0.26	0.28	0.33	0.39	0.78	0.94	1.64	2.09	3.16	15.37
1955	0.11	0.14	0.17	0.17	0.31	0.58	0.66	0.84	1.00	1.27	10.36
1956	0.16	0.26	0.39	0.66	0.87	0.89	0.90	1.89	2.47	4.79	10.79
1957	0.13	0.18	0.29	0.31	0.58	0.87	0.97	1.17	1.43	1.54	14.80
1958	0.25	0.36	0.55	0.70	0.83	1.29	1.50	1.74	1.95	2.76	19.09
1959	0.17	0.18	0.27	0.40	0.48	0.56	0.61	1.08	1.32	1.41	6.59
1960	0.21	0.26	0.28	0.46	0.71	0.97	1.01	1.03	1.12	1.26	8.91
1961	0.06	0.13	0.15	0.20	0.27	0.48	0.58	0.84	1.39	1.51	4.24
1962	0.06	0.10	0.11	0.16	0.31	0.46	0.63	0.97	1.65	2.18	9.01
1963	0.13	0.22	0.25	0.29	0.41	0.68	1.01	1.59	2.13	3.23	14.29
1964	0.12	0.15	0.20	0.22	0.32	0.46	0.63	0.81	0.92	1.27	7.06
1965	0.11	0.15	0.23	0.29	0.38	0.65	0.95	1.40	2.41	3.95	18.48
1966	0.06	0.12	0.18	0.29	0.43	0.64	0.88	1.50	2.08	2.13	10.62
1967	0.16	0.21	0.26	0.36	0.56	0.82	0.95	1.26	1.82	1.97	13.15
1968	0.22	0.24	0.36	0.57	0.58	0.94	1.19	1.55	2.21	2.54	7.29
1969	0.11	0.18	0.24	0.40	0.59	0.95	1.22	2.35	3.55	4.42	26.33
1970	0.11	0.19	0.27	0.34	0.46	0.59	0.70	1.11	1.19	1.62	14.02
1971	0.05	0.09	0.11	0.16	0.32	0.51	0.73	1.22	1.51	1.71	8.40
1972	0.33	0.35	0.36	0.38	0.49	0.72	0.84	0.87	1.43	1.50	6.66
1973	*****	*****	*****	*****	0.30	0.59	0.88	1.32	1.50	1.74	13.39
1974	*****	*****	*****	*****	0.44	0.72	1.09	1.64	1.89	2.31	13.92

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
Y01 7123 0	PRADO DAM	560	20	035	07W	P	S	33.890	117.635	RIVERSIDE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.18	0.23	0.31	0.43	0.66	0.82	1.21	1.61	2.08	11.71
5	0.19	0.27	0.35	0.48	0.66	1.00	1.24	1.84	2.44	3.16	16.47
10	0.23	0.33	0.44	0.59	0.81	1.23	1.53	2.26	3.00	3.90	19.43
20	0.28	0.39	0.51	0.69	0.96	1.45	1.81	2.67	3.54	4.59	22.12
25	0.29	0.41	0.54	0.73	1.00	1.52	1.89	2.79	3.71	4.81	22.95
40	0.32	0.44	0.59	0.79	1.10	1.66	2.07	3.06	4.06	5.27	24.65
50	0.33	0.46	0.61	0.83	1.14	1.73	2.16	3.18	4.23	5.48	25.44
100	0.37	0.52	0.69	0.92	1.28	1.94	2.41	3.56	4.73	6.14	27.82
200	0.41	0.57	0.76	1.02	1.41	2.14	2.67	3.94	5.23	6.78	30.13
1000	0.50	0.70	0.93	1.24	1.72	2.61	3.25	4.79	6.36	8.25	35.25
10000	0.62	0.87	1.16	1.55	2.15	3.26	4.05	5.98	7.94	10.30	42.21
PMP	1.19	1.66	2.21	2.97	4.11	6.23	7.76	11.45	15.21	19.73	90.33

MEAN	0.141	0.198	0.263	0.353	0.489	0.741	0.923	1.361	1.808	2.346	12.476
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.960	0.411	0.626	0.725	1.132	1.315	1.411	1.490	1.723	1.861	0.820
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.481 ; INTERCEPT (TIME=1 HOUR) =0.512 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.0410R ; AVERAGE CALC CV / USED CV = 0.82

KURTOSIS	4.249	3.304	4.415	3.375	3.742	4.970	5.470	5.704	7.164	7.447	3.526
N	23	23	23	23	35	35	35	35	35	35	34
RECORD YEAR	1972	1958	1958	1958	1950	1944	1944	1943	1943	1943	1941
RECORD MAXIMUM	0.330	0.360	0.550	0.700	0.950	1.630	1.990	3.100	4.940	7.230	26.930
NORMILIZED MAX	2.697	2.192	2.722	2.242	2.453	3.128	3.102	2.966	3.520	3.684	2.335
CALC. COEF. VAR	0.495	0.374	0.401	0.437	0.385	0.383	0.373	0.431	0.492	0.565	0.496
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416

MEAN/A	0.0113	0.0159	0.0211	0.0283	0.0392	0.0594	0.0740	0.1091	0.1449	0.1880	1.0000
RP10/A	0.0188	0.0263	0.0350	0.0470	0.0651	0.0986	0.1229	0.1812	0.2406	0.3122	1.6570
RP25/A	0.0232	0.0325	0.0432	0.0581	0.0804	0.1218	0.1518	0.2238	0.2973	0.3857	1.8397
RP50/A	0.0265	0.0370	0.0493	0.0662	0.0916	0.1388	0.1729	0.2550	0.3387	0.4394	2.0392
RP100/A	0.0296	0.0415	0.0552	0.0741	0.1025	0.1554	0.1936	0.2855	0.3792	0.4919	2.2303
RP1000/A	0.0398	0.0559	0.0742	0.0996	0.1378	0.2089	0.2602	0.3838	0.5097	0.6613	2.8254
RP10000/A	0.0497	0.0696	0.0926	0.1244	0.1721	0.2609	0.3250	0.4793	0.6366	0.8259	3.3833
PMP/A	0.0953	0.1334	0.1773	0.2383	0.3295	0.4996	0.6223	0.9177	1.2189	1.5814	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
Y01 7469	1	RIVERSIDE FCD	820	14	02S	05W		S	34.003	117.379	RIVERSIDE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1963	0.09	0.13	0.16	0.20	0.29	0.55	0.66	0.90	1.24	2.23	7.02
1964	0.05	0.07	0.09	0.17	0.30	0.51	0.72	1.23	1.51	1.99	11.65
1965	0.07	0.13	0.19	0.28	0.37	0.57	0.63	0.86	1.10	1.47	10.60
1966	0.11	0.21	0.25	0.38	0.51	0.57	0.80	1.34	2.07	3.15	13.28
1967	0.19	0.37	0.38	0.41	0.46	0.55	0.70	1.08	1.92	2.48	15.05
1968	0.19	0.23	0.26	0.40	0.56	0.91	1.26	1.36	1.73	2.06	9.01
1969	0.14	0.17	0.25	0.33	0.59	0.93	1.13	1.71	2.39	3.47	23.09
1970	0.07	0.14	0.18	0.27	0.41	0.49	0.55	0.79	1.18	1.37	6.73
1971	0.16	0.18	0.19	0.20	0.24	0.37	0.47	0.65	0.83	0.86	7.06
1972	0.13	0.25	0.25	0.26	0.29	0.47	0.62	0.99	1.37	1.57	6.00
1973	0.16	0.20	0.23	0.33	0.41	0.48	0.61	0.94	1.36	1.57	13.44
1974	0.10	0.16	0.25	0.40	0.41	0.41	0.52	0.89	1.18	1.60	9.40
1975	0.08	0.10	0.13	0.22	0.40	0.75	1.01	1.24	1.46	1.55	8.47

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
Y01 7469	1	RIVERSIDE FCD	820	14	02S	05W		S	34.003	117.379	RIVERSIDE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.11	0.16	0.19	0.26	0.36	0.52	0.66	0.96	1.32	1.73	10.16
5	0.16	0.24	0.29	0.40	0.54	0.78	1.00	1.45	2.01	2.69	14.30
10	0.20	0.30	0.36	0.49	0.67	0.97	1.24	1.79	2.47	3.24	16.86
20	0.23	0.35	0.42	0.58	0.79	1.14	1.46	2.11	2.91	3.82	19.20
25	0.24	0.37	0.44	0.61	0.83	1.19	1.53	2.21	3.05	4.00	19.93
40	0.27	0.40	0.49	0.66	0.91	1.31	1.67	2.41	3.34	4.38	21.40
50	0.28	0.42	0.51	0.69	0.94	1.36	1.74	2.51	3.48	4.56	22.09
100	0.31	0.47	0.57	0.77	1.05	1.52	1.95	2.81	3.89	5.10	24.16
200	0.34	0.52	0.62	0.86	1.17	1.68	2.15	3.11	4.30	5.64	26.15
1000	0.42	0.63	0.76	1.04	1.42	2.05	2.62	3.78	5.23	6.86	30.60
10000	0.52	0.79	0.95	1.30	1.77	2.55	3.27	4.72	6.53	8.56	36.64
PMP	1.00	1.51	1.82	2.49	3.39	4.89	6.26	9.04	12.51	16.40	78.41
MEAN	0.118	0.180	0.216	0.296	0.403	0.582	0.745	1.075	1.488	1.950	10.831
CLOCK HR. CORR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.261	1.139	0.452	0.014	0.274	1.169	1.168	0.733	0.730	0.899	1.586
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.505 ; INTERCEPT (TIME=1 HOUR) =0.419 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.03873 ; AVERAGE CALC CV / USED CV = 0.68

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	2.506	5.717	4.926	2.259	3.005	4.088	3.975	4.003	3.770	4.063	6.547
N	13	13	13	13	13	13	13	13	13	13	13
RECORD YEAR	1967	1967	1967	1967	1969	1969	1968	1969	1969	1969	1969
RECORD MAXIMUM	0.190	0.370	0.380	0.410	0.590	0.930	1.260	1.710	2.390	3.470	23.090
NORMILIZED MAX	1.526	2.481	2.267	1.342	1.741	1.983	2.122	2.194	2.077	2.074	2.626
CALC. COEF. VAR	0.396	0.426	0.334	0.286	0.266	0.302	0.326	0.269	0.292	0.376	0.431
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0109	0.0166	0.0200	0.0273	0.0372	0.0537	0.0687	0.0993	0.1374	0.1800	1.0000
RP10/A	0.0182	0.0276	0.0331	0.0454	0.0618	0.0891	0.1141	0.1649	0.2281	0.2989	1.5570
RP25/A	0.0224	0.0341	0.0409	0.0561	0.0763	0.1101	0.1410	0.2037	0.2817	0.3693	1.8397
RP50/A	0.0256	0.0388	0.0466	0.0639	0.0870	0.1255	0.1606	0.2320	0.3209	0.4207	2.0392
RP100/A	0.0286	0.0435	0.0522	0.0715	0.0974	0.1405	0.1799	0.2597	0.3593	0.4710	2.2303
RP1000/A	0.0385	0.0584	0.0702	0.0962	0.1309	0.1888	0.2418	0.3492	0.4831	0.6332	2.8254
RP10000/A	0.0480	0.0730	0.0877	0.1201	0.1635	0.2358	0.3020	0.4361	0.6033	0.7908	3.3833
PMP/A	0.0920	0.1398	0.1678	0.2300	0.3130	0.4516	0.5782	0.8350	1.1552	1.5142	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROPABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 7473 0	RIVERSIDE CITRUS EXP STA	1015	30	02S	04W	K	S	33.967	117.334	RIVERSIDE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.40	0.65	0.70	1.37	1.81	2.16	15.17
1941	*****	*****	*****	*****	0.43	0.74	0.77	0.99	1.14	1.77	22.00
1942	*****	*****	*****	*****	0.35	0.58	0.65	0.73	0.76	0.76	5.13
1943	*****	*****	*****	*****	0.46	0.86	1.04	1.56	1.99	3.64	20.99
1944	*****	*****	*****	*****	0.31	0.52	0.70	1.03	1.43	1.61	11.85
1945	*****	*****	*****	*****	0.50	0.77	0.96	1.12	1.47	2.10	12.41
1946	*****	*****	*****	*****	0.38	0.73	0.88	1.09	1.27	1.49	10.28
1947	*****	*****	*****	*****	0.50	0.63	0.73	0.76	0.85	1.05	3.67
1948	*****	*****	*****	*****	0.20	0.33	0.39	0.54	0.95	1.26	7.36
1949	*****	*****	*****	*****	0.30	0.55	0.75	0.97	1.18	1.22	7.81
1950	*****	*****	*****	*****	0.34	0.56	0.67	1.03	1.32	1.51	6.05
1951	*****	*****	*****	*****	0.28	0.36	0.49	0.82	0.84	0.84	11.00
1952	*****	*****	*****	*****	0.35	0.59	0.77	1.02	1.72	1.86	17.12
1953	*****	*****	*****	*****	0.21	0.31	0.39	0.51	0.67	0.68	4.70
1954	*****	*****	*****	*****	0.61	0.93	1.10	1.55	2.13	2.17	11.28
1955	*****	*****	*****	*****	0.29	0.42	0.49	0.56	0.67	0.68	7.06
1956	*****	*****	*****	*****	0.15	0.25	0.35	0.69	0.83	1.02	6.75
1957	*****	*****	*****	*****	0.29	0.40	0.51	0.58	0.58	0.78	13.21
1958	*****	*****	*****	*****	0.35	0.49	0.65	0.85	1.16	1.29	12.18
1959	*****	*****	*****	*****	0.25	0.45	0.49	0.58	0.66	0.89	4.92
1960	*****	*****	*****	*****	0.27	0.37	0.46	0.59	0.61	0.75	6.51
1961	*****	*****	*****	*****	0.40	0.41	0.48	0.58	1.02	1.12	3.45
1962	*****	*****	*****	*****	0.27	0.44	0.54	0.71	0.91	1.18	6.37
1963	*****	*****	*****	*****	0.28	0.44	0.62	0.99	1.24	1.54	10.90
1964	*****	*****	*****	*****	0.17	0.29	0.34	0.48	0.61	0.75	5.69
1965	*****	*****	*****	*****	0.34	0.54	0.70	1.17	1.81	2.68	14.87
1966	*****	*****	*****	*****	0.17	0.28	0.30	0.48	0.57	0.57	9.76
1967	*****	*****	*****	*****	0.29	0.43	0.67	1.01	1.49	1.57	10.65
1968	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	6.22
1969	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	17.61
1970	*****	*****	*****	*****	0.31	0.48	0.60	0.83	1.09	1.35	9.60
1971	*****	*****	*****	*****	0.21	0.34	0.44	0.71	1.06	1.26	5.89
1972	*****	*****	*****	*****	0.59	0.59	0.59	0.62	0.91	0.91	4.02
1973	*****	*****	*****	*****	0.27	0.42	0.49	0.64	0.89	0.89	10.41
1974	*****	*****	*****	*****	0.44	0.71	0.92	1.12	1.32	1.74	8.52

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 7473 0	RIVERSIDE CITRUS EXP STA	1015	30	02S	04W	K	S	33.967	117.334	RIVERSIDE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.34	0.49	0.58	0.78	1.01	1.21	9.15
5	0.0	0.0	0.0	0.0	0.51	0.74	0.88	1.18	1.53	1.84	12.88
10	0.0	0.0	0.0	0.0	0.63	0.91	1.08	1.45	1.88	2.27	15.19
20	0.0	0.0	0.0	0.0	0.74	1.07	1.27	1.71	2.21	2.67	17.30
25	0.0	0.0	0.0	0.0	0.78	1.12	1.33	1.79	2.32	2.80	17.95
40	0.0	0.0	0.0	0.0	0.85	1.23	1.46	1.96	2.54	3.07	19.28
50	0.0	0.0	0.0	0.0	0.88	1.28	1.52	2.04	2.64	3.19	19.89
100	0.0	0.0	0.0	0.0	0.99	1.43	1.70	2.29	2.96	3.57	21.76
200	0.0	0.0	0.0	0.0	1.09	1.58	1.88	2.53	3.27	3.95	23.56
1000	0.0	0.0	0.0	0.0	1.33	1.92	2.29	3.07	3.98	4.81	27.56
10000	0.0	0.0	0.0	0.0	1.66	2.40	2.86	3.84	4.97	6.00	33.00
PMP	0.0	0.0	0.0	0.0	3.18	4.60	5.47	7.35	9.51	11.49	70.62
MEAN	0.0	0.0	0.0	0.0	0.379	0.547	0.650	0.874	1.131	1.366	9.755
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	0.694	0.654	0.560	0.768	0.719	1.543	0.912
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.504 ; INTERCEPT (TIME=1 HOUR) =0.381 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.03906 ; AVERAGE CALC CV / USED CV = 0.67

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	3.462	3.092	3.080	3.256	2.986	6.430	3.582
N	0	0	0	0	33	33	33	33	33	33	35
RECORD YEAR	0	0	0	0	1954	1954	1954	1943	1954	1943	1941
RECORD MAXIMUM	0.0	0.0	0.0	0.0	0.610	0.930	1.100	1.560	2.130	3.640	22.000
NORMILIZED MAX	0.0	0.0	0.0	0.0	1.784	2.094	2.143	2.280	2.313	3.465	2.572
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.343	0.335	0.323	0.344	0.382	0.480	0.488
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0	0.0	0.0388	0.0560	0.0667	0.0896	0.1160	0.1401	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0644	0.0930	0.1107	0.1488	0.1925	0.2326	1.5570
RP25/A	0.0	0.0	0.0	0.0	0.0796	0.1149	0.1367	0.1838	0.2379	0.2873	1.8397
RP40/A	0.0	0.0	0.0	0.0	0.0907	0.1309	0.1557	0.2094	0.2710	0.3273	2.0392
RP100/A	0.0	0.0	0.0	0.0	0.1015	0.1466	0.1744	0.2344	0.3034	0.3664	2.2303
RP1000/A	0.0	0.0	0.0	0.0	0.1365	0.1971	0.2344	0.3152	0.4078	0.4926	2.8254
RP10000/A	0.0	0.0	0.0	0.0	0.1705	0.2461	0.2927	0.3936	0.5093	0.6152	3.3833
PMP/A	0.0	0.0	0.0	0.0	0.3264	0.4713	0.5605	0.7536	0.9753	1.1780	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 9774 20	WOODCREST S D F	1580	25	035	05W		S	33.897	117.330	RIVERSIDE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1956	0.07	0.14	0.16	0.21	0.29	0.57	0.78	1.35	1.80	2.73	6.11
1957	0.09	0.16	0.20	0.27	0.36	0.49	0.59	0.68	0.84	0.90	8.32
1958	0.20	0.25	0.35	0.45	0.42	0.69	0.88	0.96	1.19	1.52	13.55
1959	0.11	0.21	0.24	0.26	0.26	0.35	0.44	0.64	0.80	0.99	5.65
1960	0.15	0.20	0.29	0.39	0.41	0.47	0.65	0.74	0.84	0.84	6.08
1961	0.06	0.10	0.11	0.20	0.21	0.29	0.29	0.45	0.45	0.62	2.87
1962	0.06	0.12	0.14	0.18	0.30	0.43	0.52	0.66	1.02	1.25	8.00
1963	0.10	0.12	0.15	0.22	0.35	0.56	0.68	0.86	1.18	1.80	5.21
1964	0.10	0.13	0.19	0.29	0.42	0.57	0.70	1.01	1.21	1.92	9.97
1965	0.08	0.08	0.10	0.15	0.25	0.43	0.58	0.76	0.96	1.19	7.28
1966	0.07	0.10	0.14	0.19	0.28	0.42	0.59	0.92	1.46	2.32	10.92
1967	0.10	0.13	0.15	0.24	0.39	0.58	0.71	1.12	1.50	1.74	9.97
1968	0.08	0.15	0.15	0.22	0.31	0.52	0.68	0.98	1.08	1.36	6.46
1969	0.10	0.18	0.19	0.29	0.47	0.70	0.85	1.51	2.08	2.58	16.65
1970	0.06	0.09	0.11	0.18	0.28	0.37	0.47	0.69	1.05	1.26	5.58
1971	0.19	0.27	0.31	0.42	0.50	0.50	0.53	0.69	0.81	1.14	6.23
1972	0.05	0.06	0.08	0.12	0.19	0.30	0.41	0.58	0.82	0.97	4.05
1973	0.15	0.29	0.31	0.51	0.71	0.71	0.71	0.97	1.29	1.36	11.62
1974	0.09	0.13	0.16	0.19	0.27	0.44	0.63	1.00	1.31	1.72	7.12
1975	0.06	0.11	0.14	0.23	0.40	0.71	0.86	1.06	1.14	1.15	7.26

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 9774 20	WOODCREST S D F	1580	25	035	05W		S	33.897	117.330	RIVERSIDE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.09	0.13	0.16	0.23	0.32	0.45	0.56	0.78	1.01	1.30	7.46
5	0.13	0.20	0.25	0.35	0.48	0.68	0.85	1.19	1.54	1.98	10.49
10	0.16	0.25	0.30	0.43	0.60	0.84	1.04	1.46	1.89	2.44	12.37
20	0.19	0.30	0.36	0.51	0.70	0.99	1.23	1.73	2.23	2.87	14.09
25	0.20	0.31	0.38	0.53	0.74	1.04	1.29	1.81	2.34	3.01	14.62
40	0.22	0.34	0.41	0.58	0.80	1.14	1.41	1.98	2.56	3.30	15.70
50	0.23	0.35	0.43	0.61	0.84	1.18	1.47	2.06	2.67	3.43	16.20
100	0.26	0.40	0.48	0.68	0.94	1.32	1.64	2.31	2.98	3.84	17.72
200	0.28	0.44	0.53	0.75	1.04	1.46	1.81	2.55	3.30	4.24	19.19
1000	0.35	0.53	0.65	0.92	1.26	1.78	2.21	3.10	4.01	5.16	22.45
10000	0.43	0.66	0.81	1.14	1.57	2.22	2.76	3.87	5.01	6.45	26.88
PMP	0.83	1.27	1.54	2.19	3.01	4.26	5.28	7.41	9.60	12.35	57.52
MEAN	0.098	0.151	0.183	0.260	0.358	0.506	0.627	0.881	1.141	1.468	7.945
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.253	0.884	0.913	1.136	1.208	0.125	-0.255	0.714	0.783	0.848	1.062
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.495 ; INTERCEPT (TIME=1 HOUR) =0.362 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.04554 ; AVERAGE CALC CV / USED CV = 0.73

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	4.215	3.381	3.207	3.904	5.243	2.602	3.179	3.906	4.520	3.466	4.513
N	20	20	20	20	20	20	20	20	20	20	20
RECORD YEAR	1958	1973	1958	1973	1973	1973	1958	1969	1969	1956	1969
RECORD MAXIMUM	0.200	0.290	0.350	0.510	0.710	0.710	0.880	1.510	2.080	2.730	16.650
NORMILIZED MAX	2.370	2.178	2.157	2.385	2.826	1.557	1.618	2.410	2.516	2.188	2.614
CALC. COEF. VAR	0.435	0.423	0.421	0.402	0.347	0.259	0.249	0.296	0.327	0.393	0.419
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0124	0.0190	0.0231	0.0328	0.0451	0.0637	0.0790	0.1110	0.1436	0.1848	1.0000
RP10/A	0.0206	0.0316	0.0383	0.0544	0.0749	0.1057	0.1311	0.1842	0.2384	0.3068	1.5570
RP25/A	0.0254	0.0390	0.0474	0.0673	0.0925	0.1306	0.1620	0.2276	0.2946	0.3790	1.8397
RP50/A	0.0290	0.0444	0.0540	0.0766	0.1054	0.1488	0.1845	0.2592	0.3356	0.4317	2.0392
RP100/A	0.0324	0.0497	0.0604	0.0858	0.1180	0.1666	0.2066	0.2903	0.3757	0.4834	2.2303
RP1000/A	0.0436	0.0668	0.0812	0.1153	0.1587	0.2240	0.2778	0.3902	0.5051	0.6498	2.8254
RP10000/A	0.0545	0.0835	0.1014	0.1440	0.1982	0.2797	0.3469	0.4873	0.6308	0.8115	3.3833
PMP/A	0.1043	0.1598	0.1942	0.2757	0.3795	0.5356	0.6642	0.9331	1.2078	1.5539	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. PSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
Y02 606 0	BEAUMONT	2610	10	03S	01W		S	33.933	116.967	RIVERSIDE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.16	0.20	0.29	0.52	0.64	0.87	1.24	2.06	2.74	3.17	23.77
1941	0.22	0.30	0.34	0.47	0.54	0.57	0.57	1.11	1.11	1.58	29.96
1942	0.31	0.54	0.69	1.05	1.29	1.33	1.36	1.40	1.40	1.49	10.72
1943	0.14	0.22	0.24	0.35	0.49	0.72	0.88	1.38	2.18	4.16	27.33
1944	0.16	0.25	0.29	0.55	0.70	0.97	1.29	2.30	2.97	3.47	19.53
1945	0.23	0.35	0.38	0.60	0.83	0.83	0.97	1.33	2.22	3.63	20.20
1946	0.31	0.50	0.64	1.28	1.60	1.61	1.61	1.61	1.61	1.74	21.40
1947	0.06	0.11	0.13	0.25	0.33	0.63	0.84	0.98	1.45	2.24	7.75
1948	0.07	0.11	0.13	0.23	0.35	0.69	0.96	1.37	2.24	2.60	10.81
1949	0.09	0.13	0.16	0.26	0.42	0.77	1.06	1.18	1.57	1.90	14.62
1950	0.10	0.13	0.16	0.25	0.38	0.62	0.75	1.31	1.57	1.85	10.93
1951	0.09	0.12	0.15	0.25	0.34	0.56	0.71	1.21	2.04	2.35	15.61
1952	0.10	0.17	0.21	0.28	0.38	0.60	0.77	1.28	1.98	2.04	22.90
1953	0.10	0.14	0.15	0.19	0.32	0.45	0.52	0.81	0.89	1.18	8.01
1954	0.10	0.18	0.25	0.30	0.45	0.83	1.09	1.92	2.58	3.17	20.05
1955	0.10	0.15	0.17	0.25	0.30	0.53	0.56	0.93	1.24	1.36	12.25
1956	0.08	0.14	0.18	0.28	0.40	0.50	0.66	1.14	1.90	3.82	9.68
1957	0.14	0.25	0.37	0.42	0.58	0.83	0.85	1.09	1.48	1.58	19.26
1958	0.20	0.25	0.30	0.35	0.52	0.87	1.06	1.45	2.17	2.62	22.52
1959	0.09	0.17	0.24	0.40	0.70	0.75	0.78	0.79	1.25	1.64	10.43
1960	0.15	0.20	0.25	0.32	0.34	0.50	0.55	0.98	1.15	1.80	12.77
1961	0.20	0.33	0.35	0.37	0.37	0.47	0.65	1.02	1.79	1.95	7.23
1962	0.06	0.10	0.15	0.21	0.32	0.53	0.71	0.96	1.45	1.53	12.35
1963	0.07	0.10	0.14	0.22	0.40	0.55	0.72	1.20	1.87	2.01	15.01
1964	0.11	0.19	0.21	0.25	0.35	0.56	0.55	0.81	1.05	1.47	12.79
1965	0.07	0.13	0.18	0.18	0.23	0.32	0.42	0.57	0.79	0.95	23.46
1966	0.08	0.12	0.14	0.21	0.37	0.58	0.82	1.38	1.96	3.43	14.97
1967	0.10	0.15	0.20	0.32	0.35	0.55	0.72	1.22	1.85	1.94	18.81
1968	0.10	0.17	0.28	0.32	0.42	0.58	0.91	1.23	1.52	1.86	10.06
1969	0.11	0.16	0.25	0.43	0.53	0.90	1.15	1.88	2.65	4.45	27.17
1970	0.10	0.13	0.20	0.31	0.36	0.66	0.93	1.74	2.19	2.87	16.35
1971	*****	*****	*****	*****	0.40	0.50	0.70	1.10	1.60	2.40	11.20
1972	*****	*****	*****	*****	0.30	0.50	0.60	0.70	1.10	1.50	6.90
1973	*****	*****	*****	*****	0.40	0.50	0.70	1.10	1.60	1.90	17.90
1974	*****	*****	*****	*****	0.40	0.50	0.70	1.10	1.90	2.70	17.50

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. PSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
Y02 606 0	BEAUMONT	2610	10	03S	01W		S	33.933	116.967	RIVERSIDE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.18	0.22	0.33	0.43	0.60	0.74	1.11	1.55	2.04	15.08
5	0.18	0.27	0.34	0.51	0.66	0.91	1.13	1.68	2.35	3.10	21.21
10	0.22	0.33	0.42	0.63	0.81	1.12	1.39	2.07	2.89	3.81	25.02
20	0.26	0.39	0.49	0.74	0.96	1.31	1.64	2.44	3.41	4.49	28.50
25	0.27	0.41	0.52	0.77	1.00	1.38	1.72	2.56	3.58	4.71	29.57
40	0.30	0.45	0.57	0.85	1.10	1.51	1.88	2.80	3.91	5.15	31.76
50	0.31	0.47	0.59	0.88	1.14	1.57	1.96	2.91	4.07	5.36	32.77
100	0.35	0.52	0.66	0.98	1.28	1.76	2.19	3.26	4.56	6.01	35.84
200	0.38	0.58	0.73	1.09	1.41	1.94	2.42	3.60	5.04	6.64	38.81
1000	0.46	0.70	0.89	1.37	1.72	2.36	2.95	4.39	6.13	8.07	45.41
10000	0.58	0.88	1.11	1.65	2.15	2.95	3.68	5.48	7.66	10.08	54.37
PMP	1.11	1.68	2.12	3.17	4.11	5.65	7.05	10.49	14.66	19.31	116.36

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
MEAN	0.132	0.200	0.252	0.376	0.489	0.672	0.838	1.247	1.743	2.296	16.071
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.451	1.904	2.072	2.707	2.838	2.119	0.992	0.887	0.328	0.838	0.445
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.496 ; INTERCEPT (TIME=1 HOUR) =0.491 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.03054 ; AVERAGE CALC CV / USED CV = 1.01

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.397	6.728	7.886	10.942	11.849	8.726	4.060	4.073	2.831	3.059	2.549
N	31	31	31	31	35	35	35	35	35	35	35
RECORD YEAR	1942	1942	1942	1946	1946	1946	1946	1944	1944	1969	1941
RECORD MAXIMUM	0.310	0.540	0.690	1.280	1.600	1.610	1.610	2.300	2.920	4.450	29.960
NORMILIZED MAX	2.485	3.158	3.308	3.804	4.050	3.748	2.910	2.752	2.223	2.431	2.243
CALC. COEF. VAR	0.543	0.540	0.525	0.631	0.562	0.373	0.317	0.307	0.304	0.386	0.385
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
MEAN/A	0.0082	0.0124	0.0157	0.0234	0.0304	0.0418	0.0521	0.0776	0.1085	0.1428	1.0000
RP10/A	0.0136	0.0206	0.0261	0.0389	0.0505	0.0694	0.0866	0.1288	0.1801	0.2372	1.5570
RP25/A	0.0168	0.0255	0.0322	0.0480	0.0624	0.0857	0.1069	0.1591	0.2225	0.2930	1.8397
RP50/A	0.0192	0.0290	0.0367	0.0547	0.0710	0.0977	0.1218	0.1813	0.2534	0.3338	2.0392
RP100/A	0.0215	0.0325	0.0411	0.0613	0.0795	0.1093	0.1364	0.2030	0.2837	0.3737	2.2303
RP1000/A	0.0289	0.0437	0.0552	0.0824	0.1069	0.1470	0.1834	0.2729	0.3815	0.5024	2.8254
RP10000/A	0.0361	0.0546	0.0689	0.1029	0.1335	0.1836	0.2290	0.3407	0.4764	0.6274	3.3833
PMP/A	0.0690	0.1045	0.1320	0.1970	0.2557	0.3516	0.4385	0.6525	0.9122	1.2013	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y02 2R12 0	ELSINORE 4SSE	1305						33.617	117.317	RIVERSIDE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.12	0.19	0.23	0.42	0.52	0.87	1.30	2.29	2.88	3.41	14.72
1941	0.12	0.13	0.16	0.26	0.43	0.78	0.86	1.18	1.47	1.78	22.31
1942	*****	*****	*****	*****	0.29	0.51	0.62	0.69	0.84	0.99	4.42
1943	*****	*****	*****	*****	0.54	0.96	1.36	2.47	4.25	6.52	24.27
1944	*****	*****	*****	*****	0.50	0.73	0.87	1.45	2.03	2.59	13.73
1945	*****	*****	*****	*****	0.39	0.61	0.67	1.11	1.78	2.62	12.03
1946	*****	*****	*****	*****	0.37	0.63	0.86	1.35	1.86	2.28	11.29
1947	*****	*****	*****	*****	0.61	0.79	0.88	1.00	1.19	1.48	3.91
1948	*****	*****	*****	*****	0.32	0.45	0.57	0.79	1.03	1.30	5.65
1949	0.05	0.08	0.10	0.18	0.28	0.49	0.57	0.75	1.13	1.91	7.79
1950	0.13	0.21	0.23	0.25	0.36	0.55	0.60	0.77	0.77	0.80	4.39
1951	0.08	0.11	0.14	0.22	0.30	0.52	0.65	0.99	1.41	2.01	9.32
1952	0.17	0.30	0.42	0.50	0.57	0.61	0.63	1.01	1.26	1.69	18.38
1953	0.12	0.13	0.14	0.16	0.22	0.31	0.35	0.40	0.40	0.46	3.05
1954	0.09	0.13	0.17	0.25	0.40	0.65	0.88	1.32	1.70	2.34	12.02
1955	0.09	0.12	0.15	0.20	0.36	0.60	0.66	0.91	1.33	1.58	7.14
1956	0.04	0.06	0.10	0.15	0.25	0.30	0.42	0.62	0.66	1.30	4.76
1957	0.20	0.22	0.28	0.35	0.38	0.48	0.58	1.12	1.32	1.63	16.41
1958	0.22	0.30	0.36	0.44	0.62	0.98	1.25	2.06	2.50	3.08	18.13
1959	0.07	0.12	0.17	0.23	0.32	0.59	0.77	1.15	1.30	1.44	8.67
1960	0.11	0.15	0.20	0.24	0.39	0.63	0.82	1.20	1.41	1.43	9.93
1961	0.05	0.08	0.12	0.21	0.33	0.53	0.72	0.95	1.06	1.16	6.26
1962	0.10	0.13	0.16	0.25	0.37	0.60	0.79	1.09	1.49	2.09	13.02
1963	0.06	0.10	0.13	0.25	0.46	0.71	0.99	1.30	1.84	2.03	14.02
1964	0.03	0.05	0.08	0.15	0.29	0.55	0.75	0.98	1.02	1.02	8.28
1965	0.05	0.08	0.11	0.18	0.29	0.54	0.69	1.08	1.30	1.58	******
1968	*****	*****	*****	*****	0.40	0.50	0.60	0.90	1.30	1.50	5.10
1969	*****	*****	*****	*****	0.40	0.80	1.10	1.50	2.00	2.70	21.30
1970	*****	*****	*****	*****	0.40	0.70	0.90	1.20	1.80	2.80	11.50
1971	*****	*****	*****	*****	0.20	0.30	0.50	0.80	1.00	1.30	7.20
1973	*****	*****	0.30	0.40	0.80	0.90	1.00	1.40	1.50	1.70	10.50
1974	*****	*****	*****	*****	0.30	0.60	0.80	1.30	1.70	2.00	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y02 2R12 0	ELSINORE 4SSE	1305						33.617	117.317	RIVERSIDE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.09	0.13	0.17	0.24	0.35	0.55	0.69	1.03	1.35	1.74	10.31
5	0.13	0.19	0.25	0.36	0.54	0.83	1.05	1.56	2.04	2.63	14.50
10	0.17	0.24	0.31	0.44	0.66	1.03	1.29	1.93	2.52	3.24	17.10
20	0.20	0.28	0.37	0.52	0.78	1.21	1.52	2.27	2.97	3.82	19.48
25	0.21	0.29	0.38	0.54	0.82	1.27	1.60	2.38	3.11	4.01	20.21
40	0.22	0.32	0.42	0.60	0.89	1.39	1.75	2.61	3.41	4.39	21.70
50	0.23	0.33	0.44	0.62	0.93	1.44	1.82	2.71	3.54	4.57	22.40
100	0.26	0.37	0.49	0.69	1.04	1.62	2.04	3.04	3.97	5.11	24.50
200	0.29	0.41	0.54	0.77	1.15	1.79	2.25	3.35	4.38	5.65	26.52
1000	0.35	0.50	0.66	0.93	1.40	2.17	2.74	4.08	5.33	6.87	31.03
10000	0.44	0.62	0.82	1.17	1.75	2.71	3.42	5.10	6.66	8.58	37.16
PMP	0.84	1.19	1.58	2.23	3.35	5.20	6.55	9.76	12.75	16.43	79.52
MEAN	0.100	0.142	0.187	0.265	0.398	0.618	0.779	1.160	1.517	1.954	10.983
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.870	1.106	1.255	1.075	1.176	0.238	0.768	1.374	1.987	2.613	0.701
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.424 ; INTERCEPT (TIME=1 HOUR) =0.408 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.03711 ; AVERAGE CALC CV / USED CV = 0.82

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.657	4.016	4.381	3.502	5.064	3.190	3.815	5.633	9.305	13.121	2.997
N	19	19	20	20	32	32	32	32	32	32	30
RECORD YEAR	1958	1952	1952	1952	1973	1958	1943	1943	1943	1943	1943
RECORD MAXIMUM	0.220	0.300	0.420	0.500	0.800	0.980	1.360	2.470	4.250	6.520	24.270
NORMILIZED MAX	2.263	2.192	2.553	2.248	3.136	2.091	2.453	2.943	3.835	4.271	2.305
CALC. COEF. VAR	0.530	0.511	0.486	0.393	0.322	0.280	0.304	0.384	0.470	0.547	0.525
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0091	0.0129	0.0171	0.0242	0.0362	0.0563	0.0709	0.1056	0.1381	0.1779	1.0000
RP10/A	0.0151	0.0214	0.0283	0.0401	0.0602	0.0934	0.1177	0.1754	0.2293	0.2953	1.5570
RP25/A	0.0187	0.0264	0.0350	0.0496	0.0743	0.1154	0.1454	0.2167	0.2832	0.3649	1.8397
RP50/A	0.0213	0.0301	0.0399	0.0565	0.0847	0.1314	0.1657	0.2468	0.3226	0.4156	2.0392
RP100/A	0.0238	0.0337	0.0447	0.0632	0.0948	0.1472	0.1855	0.2764	0.3612	0.4653	2.2303
RP1000/A	0.0320	0.0453	0.0600	0.0850	0.1275	0.1978	0.2494	0.3715	0.4856	0.6256	2.8254
RP10000/A	0.0400	0.0566	0.0750	0.1062	0.1592	0.2471	0.3114	0.4640	0.6065	0.7813	3.3833
PMP/A	0.0766	0.1084	0.1436	0.2033	0.3048	0.4731	0.5963	0.8885	1.1612	1.4940	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMH	LATITUDE	LONGITUDE	COUNTY
Y02 3899 0	HEMET RES	4355	9	065	03E	H	S	33.667	116.667	RIVERSIDE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.13	0.20	0.27	0.42	0.70	0.90	1.37	2.41	3.50	4.46	23.85
1941	0.08	0.12	0.15	0.22	0.33	0.56	0.77	1.23	2.06	2.19	29.19
1942	*****	*****	*****	*****	0.33	0.64	0.64	0.90	1.30	2.49	10.78
1943	*****	*****	*****	*****	0.45	0.85	1.23	2.36	4.20	6.09	25.03
1944	*****	*****	*****	*****	0.43	0.74	0.98	1.37	1.88	2.36	16.73
1945	*****	*****	*****	*****	0.42	0.85	1.02	1.16	1.91	3.53	20.42
1946	*****	*****	*****	*****	1.56	1.98	2.39	2.42	2.42	2.95	19.52
1947	*****	*****	*****	*****	2.00	2.48	2.48	2.48	2.48	2.60	11.28
1948	*****	*****	*****	*****	0.62	0.70	0.72	0.95	1.46	2.14	11.34
1949	*****	*****	*****	*****	1.18	1.33	1.35	1.43	1.43	1.43	14.21
1950	*****	*****	*****	*****	0.27	0.38	0.46	0.64	0.84	1.46	9.55
1951	*****	*****	*****	*****	0.30	0.48	0.69	1.17	1.94	3.60	16.70
1952	*****	*****	*****	*****	0.83	1.08	1.28	1.28	1.44	1.60	20.00
1953	*****	*****	*****	*****	0.34	*****	*****	1.34	1.34	1.34	9.40
1954	*****	*****	*****	*****	0.37	*****	*****	0.60	*****	2.32	17.98
1955	*****	*****	*****	*****	0.48	0.69	0.69	0.69	0.85	1.35	13.54
1956	*****	*****	*****	*****	0.45	0.49	0.64	1.09	1.96	2.56	8.27
1957	0.22	0.29	0.43	0.85	1.05	1.10	1.10	1.16	1.44	1.59	19.79
1958	0.41	0.54	0.77	0.81	1.00	1.00	1.00	1.22	2.07	3.06	23.78
1959	0.35	0.42	0.44	0.48	0.92	1.04	1.06	1.06	1.06	1.68	14.73
1960	0.32	0.36	0.52	0.71	0.91	1.20	1.25	1.30	1.32	1.32	11.01
1961	0.04	0.07	0.10	0.20	0.35	0.65	0.80	0.94	1.23	1.72	7.69
1962	0.04	0.06	0.10	0.12	0.20	0.29	0.35	0.46	0.74	1.13	11.93
1963	0.11	0.17	0.25	0.35	0.55	0.62	0.93	1.01	1.72	3.13	18.20
1964	0.13	0.20	0.28	0.56	0.71	0.80	0.83	1.04	1.50	1.86	18.27
1965	0.45	0.57	0.84	1.13	1.18	1.19	1.23	2.35	3.74	5.38	27.50
1966	0.11	0.13	0.19	0.30	0.47	0.62	0.94	1.79	2.22	2.38	17.28
1967	0.41	0.48	0.66	0.79	0.80	0.80	0.80	0.80	1.23	1.34	21.80
1968	0.32	0.63	0.76	0.92	1.26	1.46	1.55	1.59	1.60	2.07	14.00
1969	0.05	0.10	0.15	0.24	0.39	0.76	1.11	1.69	2.55	3.54	******
1970	*****	*****	*****	*****	0.50	0.80	0.90	1.30	1.70	2.60	19.50
1971	*****	*****	*****	*****	0.20	0.30	0.40	0.60	0.90	1.30	13.40
1972	*****	*****	*****	*****	0.50	0.70	0.90	1.50	1.60	1.70	10.50
1973	*****	*****	0.20	0.30	0.40	0.60	0.70	1.10	2.10	2.70	16.00
1974	*****	*****	0.20	0.30	0.50	0.50	0.60	1.10	1.80	2.40	15.70

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMH	LATITUDE	LONGITUDE	COUNTY
Y02 3899 0	HEMET RES	4355	9	065	03E	H	S	33.667	116.667	RIVERSIDE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.19	0.26	0.33	0.45	0.67	0.82	0.93	1.18	1.62	2.17	15.42
5	0.28	0.39	0.50	0.69	1.02	1.25	1.41	1.79	2.46	3.29	21.70
10	0.35	0.48	0.62	0.85	1.25	1.54	1.74	2.20	3.03	4.05	25.59
20	0.41	0.57	0.73	1.00	1.48	1.81	2.05	2.60	3.58	4.77	29.15
25	0.43	0.59	0.76	1.05	1.55	1.90	2.14	2.72	3.75	5.00	30.24
40	0.47	0.65	0.83	1.15	1.69	2.08	2.35	2.98	4.10	5.48	32.48
50	0.49	0.68	0.87	1.20	1.76	2.16	2.44	3.10	4.27	5.70	33.52
100	0.55	0.76	0.97	1.34	1.97	2.42	2.73	3.47	4.78	6.38	36.66
200	0.61	0.84	1.07	1.48	2.18	2.68	3.02	3.84	5.28	7.05	39.69
1000	0.74	1.02	1.31	1.80	2.65	3.25	3.68	4.67	6.43	8.58	46.44
10000	0.93	1.27	1.63	2.25	3.31	4.06	4.59	5.83	8.03	10.71	55.61
PMP	1.78	2.43	3.12	4.30	6.34	7.78	8.79	11.16	15.37	20.51	119.01
MEAN	0.211	0.289	0.371	0.512	0.754	0.925	1.045	1.327	1.828	2.439	16.437
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.363	0.499	0.765	0.597	1.489	1.853	1.690	0.909	1.404	1.525	0.450
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.542 ; INTERCEPT (TIME=1 HOUR) =0.682 ; COEFFICIENT OF DETERMINATION = 0.994
1HR INTERCEPT / MEAN YR =0.04147 ; AVERAGE CALC CV / USED CV = 1.23

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	2.042	2.341	2.632	2.666	5.507	7.665	6.928	3.422	5.410	5.719	2.827
N	15	15	17	17	35	33	33	35	34	35	34
RECORD YEAR	1965	1968	1965	1965	1947	1947	1947	1947	1943	1943	1941
RECORD MAXIMUM	0.450	0.630	0.860	1.130	2.000	2.480	2.480	2.480	4.200	6.090	29.190
NORMILIZED MAX	1.592	1.740	1.863	2.053	2.692	3.214	2.950	2.064	2.970	3.187	2.309
CALC. COEF. VAR	0.709	0.677	0.678	0.588	0.614	0.523	0.465	0.421	0.437	0.470	0.336
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0129	0.0176	0.0226	0.0311	0.0459	0.0563	0.0636	0.0807	0.1112	0.1484	1.0000
RP10/A	0.0213	0.0292	0.0375	0.0517	0.0762	0.0935	0.1056	0.1340	0.1846	0.2464	1.5570
RP25/A	0.0264	0.0361	0.0463	0.0639	0.0941	0.1155	0.1304	0.1656	0.2281	0.3044	1.8397
RP50/A	0.0300	0.0411	0.0528	0.0727	0.1072	0.1315	0.1486	0.1886	0.2598	0.3467	2.0392
RP100/A	0.0336	0.0460	0.0591	0.0814	0.1200	0.1473	0.1663	0.2112	0.2909	0.3882	2.2303
RP1000/A	0.0452	0.0619	0.0794	0.1095	0.1613	0.1980	0.2236	0.2839	0.3911	0.5219	2.8254
RP10000/A	0.0565	0.0773	0.0992	0.1367	0.2015	0.2473	0.2792	0.3545	0.4884	0.6517	3.3833
PMP/A	0.1081	0.1480	0.1899	0.2618	0.3858	0.4735	0.5347	0.6789	0.9352	1.2480	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
Y02 4211	0	JOYLLWILD	5397	07	05S	03E	P	S	33.829	116.793	RIVERSIDE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.11	0.16	0.23	0.35	0.65	1.11	1.59	3.13	4.50	5.36	******
1941	*****	*****	*****	*****	0.48	0.74	0.87	1.34	2.31	2.68	28.91
1942	*****	*****	*****	*****	0.64	1.02	1.17	1.97	2.43	3.20	18.41
1943	*****	*****	*****	*****	0.65	0.76	1.07	1.87	3.18	5.31	34.94
1944	*****	*****	*****	*****	0.44	0.79	1.02	1.54	2.21	2.97	29.51
1945	*****	*****	*****	*****	0.70	1.03	1.09	3.06	3.15	4.42	35.45
1946	*****	*****	*****	*****	0.56	0.81	0.97	1.60	2.39	2.75	24.61
1947	*****	*****	*****	*****	0.77	1.29	1.30	1.30	1.30	1.30	14.29
1948	*****	*****	*****	*****	0.32	0.57	0.85	1.63	2.65	3.65	16.88
1949	0.05	0.10	0.15	0.26	0.47	0.76	0.95	1.31	1.54	2.75	23.88
1950	0.10	0.15	0.23	0.32	0.51	0.49	0.81	1.33	2.40	2.81	17.15
1951	0.10	0.17	0.26	0.38	0.60	0.81	1.10	1.55	1.70	1.71	32.02
1952	0.13	0.22	0.33	0.40	0.65	0.79	0.91	1.25	2.10	2.87	33.05
1953	0.27	0.48	0.64	0.82	0.84	0.87	0.88	1.15	1.35	1.77	13.19
1954	0.30	0.42	0.47	0.64	0.65	0.65	0.69	1.09	2.14	2.86	26.80
1955	0.24	0.40	0.59	0.91	1.23	1.33	1.35	1.56	1.92	2.51	22.52
1956	0.17	0.18	0.20	0.23	0.43	0.80	1.12	1.89	3.04	4.40	13.77
1957	0.06	0.10	0.14	0.21	0.33	0.64	0.81	1.39	2.17	2.30	29.80
1958	0.06	0.12	0.16	0.30	0.69	0.89	1.12	1.80	2.53	3.72	31.76
1959	0.15	0.27	0.39	0.63	0.67	0.72	0.86	1.50	1.50	2.40	19.53
1960	0.15	0.27	0.36	0.48	0.51	0.56	0.75	1.27	1.44	1.69	16.37
1961	0.05	0.06	0.09	0.17	0.32	0.38	0.48	0.74	0.91	1.23	10.43
1962	0.15	0.20	0.26	0.32	0.49	0.53	0.66	0.97	1.50	1.86	18.78
1963	0.15	0.26	0.28	0.33	0.65	0.65	0.71	1.08	1.43	1.82	23.18
1964	0.16	0.30	0.36	0.46	0.57	0.74	1.05	1.64	2.46	2.88	26.34
1965	0.26	0.37	0.45	0.50	0.54	0.59	0.60	0.86	1.24	1.97	36.40
1966	0.10	0.20	0.28	0.34	0.34	0.34	0.34	0.34	0.34	0.34	26.95
1967	0.22	0.36	0.42	0.42	0.42	0.59	0.61	0.94	1.59	1.84	26.11
1968	0.06	0.10	0.15	0.27	0.38	0.56	0.66	0.90	1.23	1.80	16.11
1969	*****	*****	*****	*****	0.40	0.80	1.20	1.21	3.10	5.20	36.80
1970	*****	*****	*****	*****	0.30	0.60	0.80	1.30	2.20	3.00	25.60
1971	*****	*****	*****	*****	0.30	0.40	0.60	1.10	1.80	2.50	19.00
1972	*****	*****	*****	*****	0.50	0.80	1.10	1.80	2.40	2.40	16.70
1973	*****	*****	0.10	0.20	0.40	0.60	0.70	1.20	2.10	2.80	24.30
1974	*****	*****	0.20	0.30	0.50	0.90	1.30	1.80	2.10	2.10	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
Y02 4211	0	JOYLLWILD	5397	07	05S	03E	P	S	33.829	116.793	RIVERSIDE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.21	0.26	0.36	0.47	0.66	0.81	1.28	1.84	2.42	22.14
5	0.19	0.31	0.40	0.54	0.71	1.01	1.24	1.94	2.79	3.67	31.34
10	0.24	0.39	0.49	0.67	0.88	1.24	1.52	2.39	3.43	4.51	37.27
20	0.28	0.46	0.57	0.79	1.03	1.46	1.79	2.82	4.04	5.32	42.78
25	0.30	0.48	0.60	0.82	1.08	1.53	1.88	2.95	4.24	5.58	44.49
40	0.32	0.52	0.66	0.90	1.19	1.68	2.06	3.23	4.64	6.11	45.32
50	0.34	0.54	0.68	0.94	1.23	1.74	2.14	3.36	4.83	6.35	49.65
100	0.38	0.61	0.77	1.05	1.38	1.95	2.40	3.77	5.40	7.11	54.65
200	0.42	0.67	0.85	1.16	1.53	2.16	2.65	4.16	5.97	7.86	59.51
1000	0.51	0.82	1.03	1.41	1.86	2.62	3.22	5.06	7.26	9.56	70.44
10000	0.63	1.02	1.29	1.76	2.32	3.28	4.03	6.32	9.07	11.94	85.48
PMP	1.21	1.96	2.46	3.38	4.44	6.27	7.71	12.11	17.37	22.87	173.22
MEAN	0.144	0.233	0.293	0.402	0.528	0.746	0.917	1.440	2.066	2.719	23.925
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.568	0.533	0.773	1.347	1.714	0.724	0.217	1.344	0.649	0.739	0.097
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.100
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.506 ; INTERCEPT (TIME=1 HOUR) =0.541 ; COEFFICIENT OF DETERMINATION = 0.993
1HR INTERCEPT / MEAN YR =0.02263 ; AVERAGE CALC CV / USED CV = 0.86

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	2.774	2.711	3.390	4.746	7.927	4.142	3.167	6.565	4.944	3.775	2.208
N	21	21	23	23	35	35	35	35	35	35	33
RECORD YEAR	1954	1953	1953	1955	1955	1955	1940	1940	1940	1940	1969
RECORD MAXIMUM	0.300	0.480	0.640	0.910	1.230	1.330	1.590	3.130	4.500	5.360	36.800
NORMILIZED MAX	2.031	2.075	2.328	2.656	3.784	2.614	2.492	3.084	3.127	2.287	1.731
CALC. COEF. VAR	0.531	0.512	0.509	0.476	0.351	0.299	0.295	0.381	0.377	0.425	0.311
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0060	0.0097	0.0122	0.0168	0.0221	0.0312	0.0383	0.0602	0.0863	0.1137	1.0000
RP10/A	0.0100	0.0162	0.0203	0.0279	0.0367	0.0518	0.0636	0.0999	0.1434	0.1887	1.5578
RP25/A	0.0124	0.0200	0.0251	0.0344	0.0453	0.0640	0.0786	0.1234	0.1771	0.2331	1.8593
RP50/A	0.0141	0.0227	0.0286	0.0392	0.0516	0.0729	0.0895	0.1406	0.2017	0.2656	2.0753
RP100/A	0.0158	0.0255	0.0320	0.0439	0.0578	0.0816	0.1003	0.1576	0.2259	0.2973	2.2840
RP1000/A	0.0212	0.0342	0.0431	0.0591	0.0777	0.1097	0.1348	0.2116	0.3037	0.3997	2.9441
RP10000/A	0.0265	0.0427	0.0538	0.0737	0.0970	0.1369	0.1683	0.2643	0.3792	0.4992	3.5729
PMP/A	0.0507	0.0819	0.1030	0.1412	0.1857	0.2622	0.3223	0.5061	0.7261	0.9558	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y02 7P13 0	SAN JACINTO PS	1560	35	045	01W	D	S	33.786	116.959	RIVERSIDE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1939	0.17	0.23	0.30	0.40	0.48	0.62	0.71	1.03	1.17	1.63	******
1940	0.24	0.30	0.37	0.56	0.77	0.80	1.10	2.07	2.55	2.86	16.55
1941	*****	*****	*****	*****	0.48	0.64	0.82	0.94	1.08	1.56	25.48
1942	*****	*****	*****	*****	0.40	0.45	0.58	0.68	0.85	0.92	6.35
1943	*****	*****	*****	*****	0.48	0.51	0.67	1.10	2.03	3.58	19.33
1944	*****	*****	*****	*****	0.34	0.68	0.66	1.11	1.82	2.19	13.30
1945	*****	*****	*****	*****	0.48	0.70	0.93	1.69	3.01	3.16	14.46
1946	*****	*****	*****	*****	0.29	0.47	0.60	0.95	1.06	1.41	12.68
1947	*****	*****	*****	*****	0.35	0.64	0.85	0.96	1.41	1.90	6.96
1948	*****	*****	*****	*****	0.30	0.38	0.49	0.70	1.08	1.39	7.78
1949	0.06	0.12	0.18	0.34	0.49	0.66	0.73	0.88	1.07	1.27	8.12
1950	0.06	0.10	0.13	0.19	0.30	0.41	0.48	0.69	0.74	0.74	6.17
1951	0.07	0.10	0.12	0.26	0.33	0.50	0.64	1.03	1.63	2.49	12.45
1952	0.19	0.29	0.41	0.54	0.56	0.57	0.68	1.16	1.60	1.68	19.15
1953	0.05	0.08	0.11	0.14	0.24	0.43	0.53	0.62	0.67	0.93	5.96
1954	0.08	0.11	0.16	0.22	0.27	0.49	0.67	0.98	1.39	1.69	12.11
1955	0.12	0.15	0.20	0.30	0.50	0.51	0.84	0.99	1.02	1.36	9.18
1956	0.05	0.06	0.08	0.15	0.21	0.29	0.45	0.79	1.32	2.06	6.14
1957	0.14	0.22	0.32	0.64	1.00	1.16	1.21	1.21	1.76	2.00	18.00
1958	0.12	0.24	0.32	0.35	0.44	0.60	0.67	1.00	1.35	2.08	17.44
1959	0.16	0.18	0.20	0.20	0.37	0.59	0.72	1.06	1.09	1.34	9.52
1960	0.08	0.11	0.12	0.19	0.23	0.40	0.48	0.72	0.95	1.08	7.88
1961	0.06	0.10	0.13	0.26	0.30	0.41	0.54	0.63	1.08	1.28	4.86
1962	0.09	0.11	0.14	0.20	0.28	0.42	0.55	0.73	0.89	1.01	8.41
1963	0.27	0.37	0.40	0.41	0.41	0.52	0.70	1.04	1.49	2.52	12.05
1964	0.12	0.19	0.22	0.31	0.43	0.53	0.67	0.88	1.34	1.17	8.63
1965	0.14	0.21	0.28	0.39	0.59	0.84	1.07	1.51	2.19	3.43	18.08
1966	0.07	0.10	0.12	0.20	0.32	0.45	0.55	1.00	1.59	2.06	7.94
1967	0.10	0.14	0.24	0.32	0.36	0.52	0.61	1.19	1.78	1.85	13.17
1968	0.04	0.06	0.06	0.10	0.11	0.12	0.69	0.78	0.94	1.03	5.34
1969	0.08	0.16	0.17	0.26	0.35	0.57	0.79	1.22	1.54	2.15	15.22
1970	0.05	0.10	0.12	0.19	0.28	0.51	0.71	1.13	1.34	1.46	11.40
1971	0.04	0.07	0.12	0.18	0.20	0.32	0.40	0.54	0.78	1.02	7.04
1972	*****	*****	*****	*****	0.30	0.40	0.60	0.80	1.00	1.00	5.49
1973	*****	*****	0.10	0.20	0.40	0.60	0.70	1.00	1.20	1.30	10.80

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y02 7P13 0	SAN JACINTO PS	1560	35	045	01W	D	S	33.786	116.959	RIVERSIDE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.09	0.14	0.18	0.26	0.35	0.47	0.61	0.88	1.21	1.54	10.58
5	0.14	0.21	0.27	0.39	0.53	0.72	0.93	1.34	1.83	2.33	14.80
10	0.17	0.26	0.33	0.48	0.65	0.88	1.14	1.65	2.26	2.87	17.56
20	0.20	0.31	0.39	0.56	0.76	1.04	1.35	1.95	2.66	3.39	20.00
25	0.21	0.32	0.40	0.59	0.80	1.09	1.41	2.04	2.79	3.55	20.75
40	0.23	0.35	0.44	0.65	0.88	1.19	1.54	2.23	3.05	3.89	22.29
50	0.24	0.36	0.46	0.67	0.91	1.24	1.61	2.32	3.18	4.05	23.00
100	0.27	0.41	0.52	0.75	1.02	1.39	1.80	2.60	3.56	4.53	25.15
200	0.30	0.45	0.57	0.83	1.13	1.54	1.99	2.88	3.93	5.01	27.23
1000	0.37	0.56	0.69	1.01	1.37	1.87	2.42	3.50	4.78	6.09	31.86
10000	0.46	0.69	0.86	1.26	1.71	2.34	3.02	4.37	5.97	7.60	38.16
PMP	0.87	1.31	1.66	2.42	3.28	4.47	5.78	8.36	11.44	14.56	81.65
MEAN	0.104	0.156	0.197	0.288	0.390	0.532	0.688	0.995	1.360	1.731	11.278
CLOCK HR. CORR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.970	1.038	0.810	1.117	1.705	1.137	1.128	1.534	1.380	1.006	0.853
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.487 ; INTERCEPT (TIME=1 HOUR) =0.390 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.03455 ; AVERAGE CALC CV / USED CV = 0.89

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.403	3.750	2.798	4.019	7.792	7.364	4.648	6.899	5.418	3.664	3.447
N	25	25	26	26	35	35	35	35	35	35	34
RECORD YEAR	1940	1943	1952	1957	1957	1957	1957	1940	1945	1943	1941
RECORD MAXIMUM	0.240	0.370	0.410	0.640	1.000	1.160	1.210	2.070	3.010	3.580	25.490
NORMILIZED MAX	2.398	2.613	2.088	2.587	3.678	3.568	2.881	3.515	3.220	2.543	2.811
CALC. COEF. VAR	0.545	0.525	0.518	0.473	0.426	0.331	0.264	0.308	0.377	0.420	0.448
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0092	0.0138	0.0175	0.0255	0.0346	0.0471	0.0610	0.0882	0.1206	0.1535	1.0000
RP10/A	0.0153	0.0230	0.0290	0.0424	0.0574	0.0783	0.1012	0.1464	0.2003	0.2549	1.5570
RP25/A	0.0189	0.0284	0.0358	0.0523	0.0709	0.0967	0.1251	0.1809	0.2474	0.3149	1.8397
RP50/A	0.0215	0.0323	0.0408	0.0596	0.0807	0.1102	0.1425	0.2061	0.2818	0.3587	2.0392
RP100/A	0.0241	0.0362	0.0457	0.0667	0.0904	0.1233	0.1595	0.2307	0.3155	0.4016	2.2303
RP1000/A	0.0324	0.0486	0.0614	0.0897	0.1215	0.1658	0.2145	0.3102	0.4242	0.5399	2.8254
RP10000/A	0.0405	0.0608	0.0767	0.1120	0.1518	0.2071	0.2678	0.3873	0.5298	0.6743	3.3833
PMP/A	0.0776	0.1163	0.1468	0.2145	0.2906	0.3965	0.5128	0.7417	1.0144	1.2911	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y02 8650 75	SUN CITY S O F	1426	21	05S	03W		S	33.71S	117.18W	RIVERSIDE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1971	0.05	0.10	0.11	0.15	0.37	0.66	0.81	0.94	1.04	1.28	6.23
1972	0.10	0.17	0.17	0.17	0.21	0.34	0.41	0.54	0.65	0.85	5.28
1973	0.10	0.18	0.20	0.30	0.38	0.49	0.57	0.77	0.90	1.08	11.76
1974	0.06	0.10	0.12	0.14	0.26	0.48	0.71	1.01	1.53	2.05	9.23
1975	0.22	0.27	0.32	0.46	0.64	0.86	1.10	1.35	1.65	1.71	10.66

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y02 8650 75	SUN CITY S O F	1426	21	05S	03W		S	33.71S	117.18W	RIVERSIDE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.09	0.15	0.16	0.22	0.33	0.50	0.64	0.82	1.03	1.24	8.10
5	0.14	0.22	0.25	0.34	0.50	0.76	0.97	1.24	1.56	1.88	11.39
10	0.18	0.27	0.31	0.42	0.62	0.94	1.20	1.53	1.92	2.31	13.44
20	0.21	0.32	0.36	0.49	0.73	1.11	1.41	1.80	2.26	2.73	15.31
25	0.22	0.34	0.38	0.52	0.76	1.16	1.48	1.89	2.37	2.86	15.88
40	0.24	0.37	0.41	0.57	0.84	1.27	1.62	2.07	2.59	3.13	17.06
50	0.25	0.38	0.43	0.59	0.87	1.32	1.68	2.15	2.70	3.26	17.60
100	0.28	0.43	0.48	0.66	0.97	1.48	1.88	2.41	3.02	3.65	19.25
200	0.31	0.47	0.53	0.73	1.08	1.64	2.08	2.67	3.34	4.03	20.84
1000	0.37	0.58	0.65	0.89	1.31	1.99	2.53	3.24	4.06	4.90	24.39
10000	0.47	0.72	0.81	1.11	1.63	2.49	3.16	4.05	5.07	6.12	29.20
PMP	0.89	1.38	1.55	2.12	3.13	4.76	6.06	7.75	9.71	11.72	62.50
MEAN	0.106	0.164	0.184	0.252	0.372	0.566	0.720	0.922	1.154	1.394	8.632
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.624	0.808	1.280	1.281	1.231	0.713	0.529	0.306	0.160	0.442	-0.236
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.477 ; INTERCEPT (TIME=1 HOUR) =0.388 ; COEFFICIENT OF DETERMINATION = 0.994
1HR INTERCEPT / MEAN YR =0.04497 ; AVERAGE CALC CV / USED CV = 0.93

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	9.088	6.852	7.970	7.400	8.170	6.711	6.947	7.119	4.817	5.546	4.644
N	5	5	5	5	5	5	5	5	5	5	5
RECORD YEAR	1975	1975	1975	1975	1975	1975	1975	1975	1975	1974	1973
RECORD MAXIMUM	0.220	0.270	0.320	0.460	0.640	0.860	1.100	1.350	1.650	2.050	11.760
NORMALIZED MAX	1.685	1.510	1.611	1.587	1.611	1.472	1.459	1.426	1.170	1.355	1.119
CALC. COEF. VAR	0.698	0.428	0.459	0.520	0.447	0.353	0.362	0.326	0.367	0.347	0.324
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0123	0.0190	0.0213	0.0292	0.0431	0.0656	0.0834	0.1068	0.1337	0.1615	1.0000
RP10/A	0.0204	0.0315	0.0354	0.0485	0.0716	0.1089	0.1385	0.1773	0.2220	0.2681	1.5570
RP25/A	0.0252	0.0390	0.0437	0.0599	0.0884	0.1345	0.1711	0.2191	0.2742	0.3312	1.8397
RP50/A	0.0287	0.0444	0.0498	0.0682	0.1007	0.1532	0.1949	0.2496	0.3124	0.3773	2.0392
RP100/A	0.0321	0.0497	0.0558	0.0764	0.1127	0.1715	0.2182	0.2794	0.3497	0.4225	2.2303
RP1000/A	0.0432	0.0668	0.0750	0.1027	0.1516	0.2306	0.2934	0.3757	0.4702	0.5680	2.8254
RP10000/A	0.0538	0.0834	0.0936	0.1282	0.1893	0.2880	0.3663	0.4691	0.5872	0.7093	3.3833
PMP/A	0.1033	0.1598	0.1793	0.2455	0.3624	0.5514	0.7015	0.8983	1.1243	1.3581	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y02 9722 0	WINCHESTER	1470	28	05S	02W		S	33.700	117.083	RIVERSIDE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.54	0.78	0.95	1.99	2.40	2.60	******
1941	*****	*****	*****	*****	0.42	0.51	0.71	1.18	1.19	1.42	18.30
1942	*****	*****	*****	*****	0.26	0.46	0.54	0.59	0.71	0.78	3.50
1943	*****	*****	*****	*****	0.48	0.69	0.93	1.81	3.05	4.28	18.02
1944	*****	*****	*****	*****	0.80	1.06	1.28	2.15	2.44	2.84	11.10
1945	*****	*****	*****	*****	1.37	1.47	1.47	1.47	1.63	2.42	8.84
1946	*****	*****	*****	*****	0.32	0.59	0.87	1.35	1.49	1.60	10.23
1947	*****	*****	*****	*****	0.38	0.44	0.49	0.80	0.98	1.75	6.12
1948	*****	*****	*****	*****	0.25	0.39	0.48	0.73	1.01	1.23	5.73
1949	0.05	0.09	0.13	0.26	0.43	0.62	0.74	0.81	0.81	1.14	8.74
1950	0.07	0.12	0.17	0.24	0.34	0.41	0.49	0.60	0.64	0.70	4.84
1951	0.26	0.28	0.30	0.42	0.78	1.09	1.16	1.74	1.92	2.35	9.38
1952	0.24	0.31	0.33	0.40	0.50	0.62	0.72	0.90	1.27	1.43	17.49
1953	0.18	0.26	0.34	0.34	0.34	0.34	0.42	0.57	0.57	0.83	4.03
1954	0.14	0.17	0.24	0.33	0.49	0.73	0.88	1.00	1.37	2.15	10.65
1955	0.04	0.07	0.10	0.18	0.26	0.45	0.55	0.84	0.85	1.19	7.47
1956	0.04	0.08	0.12	0.17	0.19	0.34	0.47	0.71	1.04	1.69	4.57
1957	0.17	0.22	0.26	0.38	0.52	0.65	0.68	0.85	1.29	1.68	14.00
1958	0.26	0.32	0.38	0.52	0.70	0.90	1.06	1.46	2.04	2.40	14.64
1959	0.09	0.18	0.27	0.36	0.41	0.51	0.59	0.81	0.94	1.40	7.29
1960	0.15	0.17	0.20	0.33	0.46	0.46	0.55	0.61	0.83	1.13	6.60
1961	0.12	0.17	0.23	0.30	0.36	0.50	0.61	0.74	1.37	1.61	4.29
1962	0.06	0.11	0.16	0.17	0.29	0.50	0.64	0.86	1.11	1.33	7.79
1963	0.17	0.22	0.23	0.26	0.42	0.59	0.75	1.16	1.77	2.84	10.94
1964	0.10	0.13	0.17	0.20	0.34	0.47	0.53	0.81	1.04	1.15	7.26
1965	0.10	0.18	0.19	0.32	0.46	0.70	1.00	1.50	2.06	3.15	15.95
1966	0.32	0.40	0.73	0.80	0.80	0.80	0.80	1.14	1.87	2.17	7.69
1967	0.12	0.14	0.15	0.21	0.33	0.52	0.64	1.13	1.59	1.65	10.73
1968	0.12	0.17	0.23	0.31	0.42	0.68	0.75	0.87	1.00	1.07	4.80
1969	0.10	0.14	0.18	0.27	0.40	0.61	0.81	1.20	1.65	2.54	17.47
1970	0.11	0.21	0.25	0.34	0.41	0.51	0.69	1.14	1.59	2.19	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y02 9722 0	WINCHESTER	1470	28	05S	02W		S	33.700	117.083	RIVERSIDE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.17	0.22	0.29	0.41	0.56	0.67	0.96	1.25	1.62	9.01
5	0.18	0.25	0.33	0.44	0.63	0.84	1.01	1.46	1.89	2.46	12.67
10	0.23	0.31	0.40	0.54	0.77	1.04	1.25	1.80	2.33	3.03	14.95
20	0.27	0.37	0.48	0.63	0.91	1.22	1.47	2.12	2.75	3.57	17.03
25	0.28	0.39	0.50	0.66	0.96	1.28	1.54	2.22	2.88	3.74	17.66
40	0.31	0.42	0.55	0.73	1.05	1.40	1.68	2.43	3.15	4.09	18.97
50	0.32	0.44	0.57	0.76	1.09	1.46	1.75	2.53	3.28	4.26	19.58
100	0.36	0.49	0.64	0.85	1.22	1.64	1.96	2.83	3.67	4.77	21.42
200	0.40	0.54	0.70	0.93	1.35	1.81	2.17	3.13	4.06	5.27	23.19
1000	0.48	0.66	0.86	1.14	1.64	2.20	2.64	3.80	4.94	6.41	27.13
10000	0.60	0.83	1.07	1.42	2.05	2.75	3.29	4.75	6.17	8.01	32.49
PMP	1.15	1.58	2.05	2.72	3.93	5.26	6.31	9.09	11.81	15.33	69.52
MEAN	0.137	0.188	0.244	0.323	0.467	0.625	0.750	1.081	1.404	1.823	9.602
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.889	0.854	2.564	2.048	2.345	1.777	1.122	0.989	0.896	1.032	0.650
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.524 ; INTERCEPT (TIME=1 HOUR) =0.463 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.04716 ; AVERAGE CALC CV / USED CV = 0.92

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.527	3.799	11.806	9.227	10.372	7.080	4.335	3.476	3.852	4.526	2.554
N	22	22	22	22	31	31	31	31	31	31	29
RECORD YEAR	1966	1966	1966	1966	1945	1945	1945	1944	1943	1943	1941
RECORD MAXIMUM	0.320	0.400	0.730	0.800	1.370	1.470	1.470	2.150	3.050	4.280	18.300
NORMILIZED MAX	2.391	2.517	3.710	3.453	3.952	3.481	2.873	2.521	2.808	3.058	1.895
CALC. COEF. VAR	0.560	0.447	0.538	0.427	0.490	0.388	0.334	0.392	0.418	0.441	0.478
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0142	0.0196	0.0254	0.0337	0.0486	0.0651	0.0781	0.1126	0.1462	0.1898	1.0000
RP10/A	0.0237	0.0325	0.0421	0.0559	0.0807	0.1082	0.1297	0.1870	0.2427	0.3152	1.5570
RP25/A	0.0292	0.0402	0.0520	0.0690	0.0997	0.1336	0.1602	0.2310	0.2999	0.3894	1.8397
RP50/A	0.0333	0.0458	0.0593	0.0786	0.1136	0.1522	0.1825	0.2631	0.3416	0.4436	2.0392
RP100/A	0.0373	0.0513	0.0664	0.0880	0.1272	0.1704	0.2043	0.2946	0.3825	0.4966	2.2303
RP1000/A	0.0501	0.0689	0.0892	0.1184	0.1710	0.2291	0.2747	0.3960	0.5142	0.6677	2.8254
RP10000/A	0.0626	0.0861	0.1114	0.1478	0.2135	0.2861	0.3431	0.4946	0.6421	0.8338	3.3833
PMP/A	0.1198	0.1648	0.2134	0.2831	0.4088	0.5478	0.6569	0.9470	1.2296	1.5966	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
8SN ORDER SUB										
Z01 7987 12	SANTIAGO PEAK RC156	557	5660	29	06S	06W	D S	33.711	117.533	RIVERSIDE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1951	*****	*****	*****	0.55	0.83	1.14	1.28	1.84	1.92	2.14	19.66
1952	*****	*****	*****	0.50	0.75	1.21	1.83	2.71	3.50	5.63	45.63
1953	*****	*****	*****	0.73	0.84	1.14	1.41	1.95	2.22	2.42	24.84
1954	*****	*****	*****	0.42	0.73	1.42	1.80	2.95	4.58	7.00	37.59
1955	*****	*****	*****	0.40	0.56	0.80	1.10	1.65	2.28	2.72	23.68
1956	*****	*****	*****	0.47	0.64	0.92	1.39	2.64	5.17	9.83	33.03
1957	*****	*****	*****	0.31	0.58	0.96	1.21	2.00	2.72	2.75	26.22
1958	*****	*****	*****	0.45	0.81	1.18	1.56	2.80	5.00	5.32	52.88
1959	*****	*****	*****	0.33	0.60	1.10	1.50	2.10	2.88	3.51	14.58
1960	*****	*****	*****	0.43	0.54	0.94	1.25	1.91	2.04	2.04	17.70
1961	*****	*****	*****	0.23	0.30	0.47	0.69	1.14	1.62	1.62	10.56
1962	*****	*****	*****	0.39	0.78	1.40	2.00	3.18	4.07	4.40	31.77
1963	*****	*****	*****	0.30	0.48	0.75	0.92	1.65	2.56	3.50	11.99
1964	*****	*****	*****	0.44	0.69	1.13	1.47	2.00	2.72	2.95	25.25
1965	*****	*****	*****	0.32	0.52	0.83	1.06	1.55	2.22	2.78	25.73
1966	*****	*****	*****	0.70	0.87	1.40	1.70	2.60	4.26	5.36	28.65
1967	*****	*****	*****	0.80	1.30	2.10	2.90	4.70	7.24	9.20	53.71
1968	*****	*****	*****	0.60	1.02	1.60	2.10	3.40	4.80	5.29	21.24
1969	*****	*****	*****	0.80	1.20	1.90	2.10	3.40	5.10	7.90	53.83
1970	*****	*****	*****	0.30	0.50	0.70	0.90	1.30	1.93	2.30	15.18
1971	*****	*****	*****	0.40	0.56	0.66	0.80	1.00	1.44	2.10	15.90
1972	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	17.90
1973	*****	*****	*****	0.30	0.40	0.70	1.20	1.60	2.10	2.60	38.30
1974	*****	*****	*****	0.30	0.50	0.90	1.20	1.90	2.30	2.30	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
8SN ORDER SUB										
Z01 7987 12	SANTIAGO PEAK RC156	557	5660	29	06S	06W	D S	33.711	117.533	RIVERSIDE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.0	0.41	0.61	0.96	1.27	1.98	2.84	3.64	26.00
5	0.0	0.0	0.0	0.62	0.93	1.47	1.94	3.01	4.33	5.55	36.81
10	0.0	0.0	0.0	0.77	1.15	1.83	2.40	3.74	5.38	6.89	43.77
20	0.0	0.0	0.0	0.91	1.37	2.17	2.86	4.45	6.39	8.19	50.23
25	0.0	0.0	0.0	0.96	1.44	2.28	3.00	4.67	6.72	8.60	52.24
40	0.0	0.0	0.0	1.06	1.58	2.51	3.30	5.14	7.39	9.46	53.22
50	0.0	0.0	0.0	1.10	1.65	2.62	3.44	5.36	7.70	9.87	58.31
100	0.0	0.0	0.0	1.24	1.86	2.95	3.88	6.04	8.68	11.12	64.17
200	0.0	0.0	0.0	1.38	2.07	3.27	4.31	6.71	9.65	12.36	69.88
1000	0.0	0.0	0.0	1.69	2.54	4.03	5.30	8.25	11.86	15.19	82.72
10000	0.0	0.0	0.0	2.14	3.21	5.09	6.70	10.43	14.98	19.20	100.39
PMP	0.0	0.0	0.0	3.90	5.85	9.27	12.21	19.00	27.30	34.98	203.42
MEAN	0.0	0.0	0.0	0.464	0.696	1.102	1.451	2.260	3.247	4.159	28.096
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.745	0.921	0.883	1.010	0.999	1.001	1.158	0.789
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.362 ; INTERCEPT (TIME=1 HOUR) =0.711 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.02532 ; AVERAGE CALC CV / USED CV = 0.73

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	0.0	2.735	4.094	3.978	4.798	4.506	3.768	3.677	2.967
N	0	0	0	23	23	23	23	23	23	23	23
RECORD YEAR	0	0	0	1967	1967	1967	1967	1967	1967	1956	1969
RECORD MAXIMUM	0.0	0.0	0.0	0.800	1.300	2.100	2.900	4.700	7.240	9.830	53.830
NORMALIZED MAX	0.0	0.0	0.0	1.946	2.483	2.499	2.846	2.796	2.665	2.371	1.932
CALC. COEF. VAR	0.0	0.0	0.0	0.372	0.350	0.362	0.351	0.386	0.462	0.575	0.474
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0	0.0165	0.0248	0.0392	0.0517	0.0804	0.1155	0.1480	1.0000
RP10/A	0.0	0.0	0.0	0.0274	0.0410	0.0650	0.0856	0.1332	0.1914	0.2452	1.5578
RP25/A	0.0	0.0	0.0	0.0342	0.0512	0.0811	0.1068	0.1664	0.2390	0.3062	1.8593
RP50/A	0.0	0.0	0.0	0.0392	0.0588	0.0931	0.1226	0.1909	0.2742	0.3513	2.0753
RP100/A	0.0	0.0	0.0	0.0441	0.0662	0.1049	0.1381	0.2150	0.3089	0.3958	2.2840
RP1000/A	0.0	0.0	0.0	0.0603	0.0905	0.1433	0.1887	0.2938	0.4221	0.5408	2.9441
RP10000/A	0.0	0.0	0.0	0.0762	0.1143	0.1810	0.2384	0.3712	0.5333	0.6832	3.5729
PMP/A	0.0	0.0	0.0	0.1389	0.2082	0.3299	0.4344	0.6763	0.9718	1.2449	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
702 235 0	ANZA S D F	3920	16	07S	03E	0	S	33.556	116.675	RIVERSIDE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1959	0.13	0.25	0.28	0.37	0.40	0.58	0.71	0.95	1.51	2.37	6.54
1963	0.14	0.16	0.17	0.18	0.31	0.53	0.55	0.90	1.33	2.17	8.89
1964	0.27	0.40	0.57	0.97	1.40	1.79	1.92	2.00	2.17	2.17	14.91
1965	0.07	0.14	0.21	0.31	0.33	0.37	0.38	0.49	0.58	1.39	11.48
1966	0.16	0.24	0.29	0.38	0.49	0.83	1.11	2.04	3.37	4.79	17.87
1967	0.12	0.17	0.26	0.35	0.40	0.70	0.90	1.13	1.61	2.82	17.05
1968	0.30	0.49	0.70	0.97	1.03	1.71	1.21	1.21	1.62	1.68	15.48
1969	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.52	19.98
1970	0.20	0.35	0.40	0.74	0.91	0.92	0.92	1.03	1.16	1.98	9.29
1971	0.43	0.73	0.93	1.13	1.18	1.24	1.32	1.41	1.41	1.41	11.05
1972	0.12	0.12	0.15	0.19	0.20	0.30	0.38	0.50	0.61	0.81	6.28
1973	0.22	0.22	0.22	0.22	0.33	0.47	0.64	1.05	1.59	1.93	16.73
1974	0.06	0.10	0.13	0.23	0.42	0.73	0.92	1.06	1.21	1.56	10.13
1975	0.10	0.17	0.18	0.23	0.23	0.32	0.39	0.46	0.65	0.95	9.99

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
702 235 0	ANZA S D F	3920	16	07S	03E	0	S	33.556	116.675	RIVERSIDE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PER IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.16	0.24	0.30	0.42	0.51	0.67	0.76	0.96	1.27	1.78	11.61
5	0.24	0.38	0.46	0.64	0.78	1.02	1.16	1.46	1.93	2.72	16.44
10	0.30	0.44	0.57	0.80	0.97	1.27	1.45	1.81	2.40	3.38	19.55
20	0.35	0.54	0.68	0.95	1.16	1.51	1.72	2.16	2.85	4.01	22.43
25	0.37	0.56	0.71	1.00	1.21	1.59	1.81	2.26	2.99	4.22	23.33
40	0.41	0.62	0.79	1.10	1.34	1.75	1.99	2.49	3.29	4.64	23.77
50	0.42	0.65	0.82	1.14	1.39	1.82	2.07	2.60	3.44	4.84	26.04
100	0.48	0.73	0.92	1.29	1.57	2.05	2.33	2.93	3.87	5.45	28.66
200	0.53	0.81	1.03	1.43	1.74	2.28	2.59	3.25	4.30	6.05	31.21
1000	0.65	0.99	1.26	1.76	2.14	2.81	3.19	4.00	5.29	7.44	36.94
10000	0.82	1.26	1.59	2.23	2.71	3.55	4.03	5.05	6.68	9.41	44.83
PMP	1.50	2.29	2.90	4.06	4.94	6.46	7.34	9.21	12.18	17.14	90.85
MEAN	0.178	0.272	0.345	0.482	0.587	0.768	0.873	1.095	1.448	2.038	12.548
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.249	1.596	1.519	1.003	1.073	1.158	0.990	0.721	1.396	1.688	0.193
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.570 ; INTERCEPT (TIME=1 HOUR) =0.582 ; COEFFICIENT OF DETERMINATION = 0.990
1HR INTERCEPT / MEAN YR =0.04640 ; AVERAGE CALC CV / USED CV = 1.28

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	5.005	5.962	5.128	3.022	3.382	4.727	4.719	3.859	6.634	7.696	2.426
N	13	13	13	13	13	13	13	13	13	14	14
RECORD YEAR	1971	1971	1971	1971	1964	1964	1964	1966	1966	1966	1969
RECORD MAXIMUM	0.430	0.730	0.930	1.130	1.400	1.790	1.920	2.040	3.370	4.790	19.980
NORMILIZED MAX	2.402	2.547	2.400	1.893	2.040	2.357	2.353	1.886	2.603	2.811	1.693
CALC. COEF. VAR	0.587	0.660	0.705	0.709	0.679	0.564	0.510	0.458	0.510	0.480	0.350
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0142	0.0217	0.0275	0.0384	0.0468	0.0612	0.0696	0.0872	0.1154	0.1624	1.0000
RP10/A	0.0236	0.0359	0.0456	0.0637	0.0775	0.1014	0.1153	0.1445	0.1911	0.2690	1.5578
RP25/A	0.0294	0.0449	0.0569	0.0795	0.0968	0.1267	0.1439	0.1804	0.2386	0.3359	1.8593
RP50/A	0.0338	0.0515	0.0653	0.0912	0.1110	0.1453	0.1651	0.2070	0.2738	0.3854	2.0753
RP100/A	0.0380	0.0580	0.0736	0.1028	0.1251	0.1637	0.1860	0.2332	0.3085	0.4342	2.2840
RP1000/A	0.0520	0.0793	0.1006	0.1404	0.1709	0.2237	0.2542	0.3187	0.4215	0.5933	2.9441
RP10000/A	0.0656	0.1002	0.1270	0.1774	0.2159	0.2826	0.3211	0.4026	0.5325	0.7495	3.5729
PMP/A	0.1196	0.1825	0.2315	0.3233	0.3934	0.5150	0.5852	0.7336	0.9703	1.3658	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A00 1040 0	BRANCH CENTER	75	17	08N	06E	J	M	38.546	121.338	SACRAMENTO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1960	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	10.32
1961	*****	*****	0.25	0.39	0.49	0.74	0.95	1.12	1.32	1.33	12.50
1962	*****	*****	0.37	0.54	0.68	0.77	0.86	1.47	2.17	2.87	13.92
1963	*****	*****	0.30	0.50	0.70	1.05	1.40	2.18	3.50	5.92	24.99
1964	*****	*****	0.52	0.55	0.74	0.93	1.35	2.00	2.04	2.37	11.82
1965	*****	*****	0.20	0.30	0.54	0.70	0.80	1.21	1.60	2.88	15.32
1966	*****	*****	0.65	0.75	1.25	1.25	1.25	1.25	1.25	1.53	12.88
1967	*****	*****	0.35	0.40	0.63	0.67	0.71	1.05	1.98	2.74	21.70
1968	*****	*****	0.15	0.24	0.36	0.46	0.48	0.91	1.29	1.87	11.53
1969	*****	*****	0.45	0.52	0.65	0.89	0.89	1.17	1.61	2.10	27.79
1970	*****	*****	0.49	0.71	0.83	0.84	0.84	0.95	1.73	2.20	16.63
1971	*****	*****	0.55	0.60	0.66	0.70	0.98	1.17	2.05	2.62	17.58
1972	*****	*****	0.20	0.27	0.32	0.35	0.52	0.70	0.88	1.50	10.03
1973	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	24.85
1975	*****	*****	0.32	0.60	0.60	0.62	0.67	0.75	0.83	0.90	10.14

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A00 1040 0	BRANCH CENTER	75	17	08N	06E	J	M	38.546	121.338	SACRAMENTO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.39	0.49	0.63	0.73	0.85	1.16	1.60	2.22	15.79
5	0.0	0.0	0.53	0.66	0.85	0.99	1.14	1.56	2.16	2.98	20.40
10	0.0	0.0	0.62	0.77	0.99	1.15	1.33	1.82	2.51	3.47	23.02
20	0.0	0.0	0.70	0.87	1.12	1.30	1.51	2.05	2.84	3.93	25.28
25	0.0	0.0	0.72	0.90	1.16	1.34	1.56	2.13	2.94	4.07	25.96
40	0.0	0.0	0.74	0.92	1.18	1.37	1.59	2.16	2.99	4.14	27.33
50	0.0	0.0	0.80	1.00	1.28	1.49	1.73	2.35	3.25	4.50	27.95
100	0.0	0.0	0.87	1.09	1.40	1.62	1.89	2.57	3.55	4.91	29.80
200	0.0	0.0	0.94	1.18	1.52	1.76	2.04	2.78	3.84	5.32	31.55
1000	0.0	0.0	1.11	1.38	1.78	2.05	2.39	3.25	4.50	6.22	35.30
10000	0.0	0.0	1.33	1.65	2.13	2.47	2.87	3.90	5.40	7.47	40.16
PMP	0.0	0.0	2.67	3.26	4.20	4.87	5.65	7.70	10.65	14.73	94.54
MEAN	0.0	0.0	0.421	0.524	0.676	0.782	0.909	1.238	1.712	2.368	16.133
CLOCK HR. COR.	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.310	-0.085	1.261	0.269	0.446	1.220	1.315	2.043	0.852
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.695 ; INTERCEPT (TIME=1 HOUR) =0.650 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.04027 ; AVERAGE CALC CV / USED CV = 0.99

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	2.827	2.823	6.823	4.179	3.164	4.674	6.430	9.041	2.933
N	0	0	13	13	13	13	13	13	13	13	15
RECORD YEAR	0	0	1966	1966	1966	1966	1963	1963	1963	1963	1969
RECORD MAXIMUM	0.0	0.0	0.650	0.750	1.250	1.250	1.400	2.180	3.500	5.920	27.790
NORMILIZED MAX	0.0	0.0	1.310	1.307	2.394	1.942	1.677	2.132	2.586	2.867	1.951
CALC. COEF. VAR	0.0	0.0	0.416	0.329	0.355	0.308	0.322	0.357	0.404	0.523	0.370
REGN. COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
USED COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
MEAN/A	0.0	0.0	0.0261	0.0325	0.0419	0.0485	0.0563	0.0767	0.1061	0.1468	1.0000
RP10/A	0.0	0.0	0.0383	0.0477	0.0615	0.0711	0.0826	0.1125	0.1556	0.2153	1.4266
RP25/A	0.0	0.0	0.0448	0.0559	0.0720	0.0833	0.0968	0.1319	0.1823	0.2523	1.6092
RP50/A	0.0	0.0	0.0496	0.0617	0.0796	0.0921	0.1070	0.1457	0.2015	0.2789	1.7327
RP100/A	0.0	0.0	0.0541	0.0674	0.0869	0.1006	0.1169	0.1591	0.2200	0.3045	1.8474
RP1000/A	0.0	0.0	0.0685	0.0854	0.1100	0.1273	0.1480	0.2015	0.2786	0.3856	2.1878
RP10000/A	0.0	0.0	0.0822	0.1024	0.1321	0.1528	0.1776	0.2418	0.3344	0.4628	2.4894
PMP/A	0.0	0.0	0.1623	0.2021	0.2606	0.3016	0.3505	0.4772	0.6599	0.9131	5.8600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A00 2160 0	CRESTA PARK	70	30	09N	06E	F	M	38.593	121.368	SACRAMENTO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1960	*****	*****	*****	*****	0.40	0.65	0.75	1.35	1.55	1.55	12.21
1961	*****	*****	0.58	0.69	0.86	0.86	0.91	1.10	1.25	1.26	13.99
1962	*****	*****	0.35	0.65	0.90	1.05	1.50	2.09	2.82	3.62	25.88
1963	*****	*****	0.30	0.50	0.68	1.01	1.25	1.95	3.20	5.50	24.04
1964	*****	*****	0.40	0.50	0.70	0.90	1.30	2.00	2.05	2.42	11.65
1965	*****	*****	0.27	0.38	0.48	0.56	0.70	0.98	1.54	2.47	16.22
1966	*****	*****	0.10	0.16	0.25	0.33	0.40	0.60	0.90	1.15	11.49
1967	*****	*****	0.35	0.42	0.53	0.65	0.80	1.05	1.90	2.75	23.45
1968	*****	*****	0.15	0.26	0.28	0.42	0.48	0.77	1.11	1.56	11.26
1969	*****	*****	0.32	0.36	0.49	0.70	0.74	1.30	1.55	2.31	26.24
1970	*****	*****	0.14	0.25	0.31	0.44	0.55	0.83	1.70	1.91	15.17
1971	*****	*****	0.22	0.35	0.50	0.68	0.93	1.15	2.00	2.56	17.20
1972	*****	*****	0.30	0.32	0.42	0.45	0.49	0.67	0.92	1.57	10.49
1973	*****	*****	0.44	0.59	0.72	0.86	0.89	1.44	1.44	1.56	25.19
1974	*****	*****	0.28	0.35	0.35	0.36	0.45	0.68	0.86	1.59	14.96
1975	*****	*****	0.25	0.33	0.42	0.65	0.85	1.17	1.19	1.26	16.63

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A00 2160 0	CRESTA PARK	70	30	09N	06E	F	M	38.593	121.368	SACRAMENTO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS M=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.32	0.41	0.51	0.63	0.77	1.13	1.52	2.05	16.88
5	0.0	0.0	0.43	0.55	0.68	0.85	1.03	1.52	2.04	2.76	21.82
10	0.0	0.0	0.50	0.64	0.79	0.99	1.20	1.77	2.38	3.21	24.62
20	0.0	0.0	0.56	0.72	0.89	1.12	1.36	2.00	2.69	3.63	27.04
25	0.0	0.0	0.58	0.75	0.93	1.16	1.41	2.08	2.79	3.76	27.77
40	0.0	0.0	0.59	0.76	0.94	1.18	1.43	2.11	2.84	3.83	29.23
50	0.0	0.0	0.64	0.83	1.02	1.28	1.56	2.29	3.08	4.16	29.90
100	0.0	0.0	0.70	0.90	1.12	1.40	1.70	2.50	3.37	4.54	31.88
200	0.0	0.0	0.76	0.98	1.21	1.51	1.84	2.71	3.64	4.91	33.74
1000	0.0	0.0	0.89	1.14	1.42	1.77	2.15	3.17	4.26	5.75	37.75
10000	0.0	0.0	1.07	1.37	1.70	2.12	2.58	3.81	5.12	6.90	42.95
PMP	0.0	0.0	2.10	2.71	3.35	4.19	5.10	7.51	10.10	13.62	101.11
MEAN	0.0	0.0	0.338	0.436	0.539	0.674	0.820	1.208	1.624	2.190	17.254
CLOCK HR. COR.	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.529	0.493	0.611	0.214	0.747	0.741	1.139	1.984	0.537
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.655 ; INTERCEPT (TIME=1 HOUR) =0.546 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.03164 ; AVERAGE CALC CV / USED CV = 1.10

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	4.331	3.161	2.931	2.548	3.489	3.123	4.533	7.933	2.221
N	0	0	15	15	16	16	16	16	16	16	16
RECORD YEAR	0	0	1961	1961	1962	1962	1962	1962	1963	1963	1969
RECORD MAXIMUM	0.0	0.0	0.580	0.690	0.900	1.050	1.500	2.008	3.200	5.500	26.240
NORMILIZED MAX	0.0	0.0	1.726	1.570	1.738	1.624	2.102	1.835	2.382	2.986	1.563
CALC. COEF. VAR	0.0	0.0	0.414	0.371	0.386	0.344	0.395	0.398	0.407	0.506	0.333
REGN. COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
USED COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
MEAN/A	0.0	0.0	0.0196	0.0253	0.0312	0.0391	0.0475	0.0700	0.0941	0.1269	1.0000
RP10/A	0.0	0.0	0.0287	0.0370	0.0458	0.0573	0.0697	0.1026	0.1380	0.1862	1.4266
RP25/A	0.0	0.0	0.0337	0.0434	0.0537	0.0671	0.0817	0.1203	0.1618	0.2182	1.6092
RP50/A	0.0	0.0	0.0372	0.0480	0.0593	0.0742	0.0903	0.1329	0.1788	0.2411	1.7327
RP100/A	0.0	0.0	0.0407	0.0524	0.0648	0.0810	0.0986	0.1452	0.1952	0.2633	1.8474
RP1000/A	0.0	0.0	0.0515	0.0663	0.0820	0.1026	0.1248	0.1838	0.2472	0.3333	2.1878
RP10000/A	0.0	0.0	0.0618	0.0796	0.0984	0.1231	0.1498	0.2206	0.2967	0.4001	2.4894
PMP/A	0.0	0.0	0.1219	0.1571	0.1942	0.2429	0.2956	0.4353	0.5853	0.7895	5.8600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A00 4339 0	JAN DRIVE	135	09	09N	06E	J	M	38.647	121.318	SACRAMENTO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1961	*****	*****	0.24	0.42	0.62	0.87	0.98	1.21	1.45	1.45	17.79
1962	*****	*****	0.50	0.81	0.95	1.07	1.21	2.19	3.06	3.92	23.05
1963	*****	*****	0.50	0.58	0.90	1.07	1.82	2.23	3.71	6.80	32.02
1964	*****	*****	0.45	0.50	0.68	1.00	1.45	2.25	2.40	2.69	12.42
1965	*****	*****	0.40	0.55	0.63	0.97	1.03	1.16	1.50	1.51	28.34
1966	*****	*****	0.35	0.62	1.22	1.25	1.25	1.25	1.65	1.70	13.48
1967	*****	*****	0.40	0.60	0.68	0.88	1.10	1.37	2.50	3.75	32.60
1968	*****	*****	0.16	0.28	0.45	0.59	0.69	1.15	1.54	2.12	13.57
1969	*****	*****	0.32	0.42	0.60	0.94	0.94	1.60	2.45	3.38	35.54
1970	*****	*****	0.20	0.22	0.36	0.50	0.69	1.21	1.55	2.25	20.95
1971	*****	*****	0.27	0.32	0.40	0.67	0.90	1.30	2.11	3.04	21.56
1972	*****	*****	0.23	0.26	0.40	0.48	0.45	0.98	1.35	2.20	14.31
1973	*****	*****	0.35	0.52	0.60	0.60	0.74	1.07	1.34	1.79	33.53
1974	*****	*****	0.15	0.23	0.28	0.35	0.42	0.64	0.86	1.55	15.01
1975	*****	*****	0.21	0.38	0.58	0.71	0.76	1.14	1.16	1.97	16.67

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A00 4339 0	JAN DRIVE	135	09	09N	06E	J	M	38.647	121.318	SACRAMENTO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.34	0.45	0.61	0.76	0.91	1.31	1.79	2.51	21.57
5	0.0	0.0	0.45	0.60	0.82	1.02	1.22	1.76	2.40	3.37	27.87
10	0.0	0.0	0.53	0.70	0.95	1.19	1.43	2.05	2.80	3.92	31.45
20	0.0	0.0	0.60	0.79	1.08	1.35	1.61	2.32	3.17	4.44	34.54
25	0.0	0.0	0.62	0.82	1.11	1.40	1.67	2.40	3.28	4.60	35.47
40	0.0	0.0	0.63	0.84	1.13	1.42	1.70	2.44	3.34	4.68	37.34
50	0.0	0.0	0.68	0.91	1.23	1.54	1.85	2.65	3.63	5.08	38.19
100	0.0	0.0	0.75	0.99	1.34	1.69	2.02	2.90	3.96	5.55	40.72
200	0.0	0.0	0.81	1.07	1.45	1.82	2.18	3.14	4.28	6.00	43.10
1000	0.0	0.0	0.94	1.26	1.70	2.13	2.55	3.67	5.01	7.02	48.23
10000	0.0	0.0	1.13	1.51	2.04	2.56	3.06	4.40	6.02	8.43	54.87
PMP	0.0	0.0	2.24	2.98	4.03	5.05	6.04	8.69	11.87	16.64	129.17
MEAN	0.0	0.0	0.359	0.479	0.648	0.813	0.972	1.397	1.909	2.675	22.043
CLOCK HR. COR.	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.213	0.413	0.978	-0.068	0.697	0.919	0.985	2.003	0.461
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.604 ; INTERCEPT (TIME=1 HOUR) =0.629 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.02855 ; AVERAGE CALC CV / USED CV = 1.07

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	2.404	3.247	4.542	2.624	4.179	3.598	4.022	8.090	2.202
N	0	0	15	15	15	15	15	15	15	15	15
RECORD YEAR	0	0	1962	1962	1966	1966	1963	1964	1963	1963	1969
RECORD MAXIMUM	0.0	0.0	0.500	0.810	1.220	1.250	1.820	2.250	3.710	6.800	35.540
NORMALIZED MAX	0.0	0.0	1.047	1.821	2.211	1.645	2.256	1.759	2.312	2.948	1.633
CALC. COEF. VAR	0.0	0.0	0.373	0.380	0.399	0.327	0.387	0.347	0.408	0.523	0.375
REGN. COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
USED COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
MEAN/A	0.0	0.0	0.0163	0.0217	0.0294	0.0369	0.0441	0.0634	0.0866	0.1213	1.0000
RP10/A	0.0	0.0	0.0239	0.0318	0.0431	0.0541	0.0646	0.0930	0.1270	0.1780	1.4266
RP25/A	0.0	0.0	0.0280	0.0373	0.0506	0.0634	0.0758	0.1090	0.1488	0.2086	1.6092
RP50/A	0.0	0.0	0.0310	0.0412	0.0559	0.0700	0.0837	0.1204	0.1645	0.2305	1.7327
RP100/A	0.0	0.0	0.0338	0.0450	0.0610	0.0765	0.0914	0.1315	0.1796	0.2517	1.8474
RP1000/A	0.0	0.0	0.0428	0.0570	0.0772	0.0968	0.1158	0.1665	0.2274	0.3187	2.1878
RP10000/A	0.0	0.0	0.0514	0.0685	0.0927	0.1162	0.1390	0.1998	0.2730	0.3825	2.4894
PMP/A	0.0	0.0	0.1014	0.1351	0.1829	0.2293	0.2742	0.3943	0.5386	0.7547	5.8600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A00 5569 90	METROPOLITAN AIRPORT	17	30	10N	03E	P	M	38.686	121.588	SACRAMENTO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
	DURATION										
1963	*****	*****	0.30	0.42	0.50	0.83	1.10	1.48	1.89	2.65	15.65
1964	*****	*****	0.36	0.60	0.80	1.29	1.55	2.37	2.75	2.90	10.17
1965	*****	*****	0.11	0.15	0.28	0.42	0.55	0.82	1.17	1.28	12.76
1966	*****	*****	0.35	0.60	1.10	1.25	1.25	1.25	1.44	1.61	7.56
1967	*****	*****	0.33	0.40	0.55	0.87	0.98	1.00	1.65	2.26	21.62
1968	*****	*****	0.15	0.22	0.37	0.50	0.67	1.11	1.53	1.86	11.24
1969	*****	*****	0.14	0.18	0.23	0.46	0.62	0.65	1.05	1.55	20.03
1970	*****	*****	0.14	0.23	0.36	0.59	0.72	0.87	1.22	1.63	14.59
1971	*****	*****	0.17	0.28	0.44	0.85	1.00	1.06	1.64	2.27	16.09
1972	*****	*****	0.24	0.25	0.31	0.37	0.47	0.67	1.07	1.31	8.77
1973	*****	*****	0.35	0.57	1.03	1.19	1.34	2.16	2.21	2.74	24.22
1974	*****	*****	0.11	0.20	0.30	0.45	0.52	0.85	1.18	1.50	12.69
1975	*****	*****	0.18	0.24	0.35	0.56	0.70	1.12	1.20	1.76	13.46

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A00 5569 90	METROPOLITAN AIRPORT	17	30	10N	03E	P	M	38.686	121.588	SACRAMENTO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.24	0.33	0.50	0.71	0.84	1.12	1.44	1.79	14.21
5	0.0	0.0	0.32	0.45	0.67	0.95	1.12	1.51	1.94	2.40	18.37
10	0.0	0.0	0.38	0.52	0.78	1.11	1.31	1.76	2.26	2.80	20.72
20	0.0	0.0	0.43	0.59	0.88	1.25	1.48	1.99	2.55	3.17	22.77
25	0.0	0.0	0.44	0.61	0.91	1.30	1.53	2.06	2.64	3.28	23.38
40	0.0	0.0	0.45	0.62	0.93	1.32	1.56	2.09	2.69	3.34	24.61
50	0.0	0.0	0.49	0.68	1.01	1.44	1.69	2.27	2.92	3.63	25.17
100	0.0	0.0	0.53	0.74	1.10	1.57	1.85	2.48	3.19	3.96	26.84
200	0.0	0.0	0.58	0.80	1.19	1.70	2.00	2.69	3.45	4.28	28.41
1000	0.0	0.0	0.67	0.94	1.39	1.98	2.34	3.14	4.04	5.01	31.78
10000	0.0	0.0	0.81	1.13	1.67	2.38	2.81	3.77	4.85	6.02	36.16
PMP	0.0	0.0	1.60	2.22	3.29	4.70	5.54	7.45	9.57	11.88	85.13
MEAN	0.0	0.0	0.257	0.357	0.530	0.756	0.891	1.197	1.538	1.909	14.527
CLOCK HR. COR.	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.290	0.774	1.287	0.647	0.621	1.433	1.362	0.644	0.622
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.489 ; INTERCEPT (TIME=1 HOUR) =0.520 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.03577 ; AVERAGE CALC CV / USED CV = 1.34

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	1.947	2.699	4.051	2.630	2.911	4.896	5.151	3.099	3.386
N	0	0	13	13	13	13	13	13	13	13	13
RECORD YEAR	0	0	1964	1964	1966	1966	1964	1964	1964	1964	1973
RECORD MAXIMUM	0.0	0.0	0.360	0.600	1.100	1.290	1.550	2.370	2.750	2.900	24.220
NORMALIZED MAX	0.0	0.0	0.912	1.374	1.907	1.582	1.879	2.181	2.418	1.938	1.947
CALC. COEF. VAR	0.0	0.0	0.440	0.495	0.565	0.447	0.393	0.449	0.326	0.268	0.343
REGN. COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
USED COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
MEAN/A	0.0	0.0	0.0177	0.0246	0.0365	0.0520	0.0613	0.0824	0.1059	0.1314	1.0000
RP10/A	0.0	0.0	0.0259	0.0361	0.0535	0.0763	0.0900	0.1209	0.1553	0.1928	1.4266
RP25/A	0.0	0.0	0.0304	0.0423	0.0627	0.0894	0.1054	0.1417	0.1820	0.2259	1.6092
RP50/A	0.0	0.0	0.0336	0.0467	0.0692	0.0988	0.1165	0.1565	0.2012	0.2496	1.7327
RP100/A	0.0	0.0	0.0367	0.0510	0.0756	0.1079	0.1272	0.1709	0.2197	0.2726	1.8474
RP1000/A	0.0	0.0	0.0465	0.0646	0.0957	0.1366	0.1611	0.2165	0.2781	0.3452	2.1878
RP10000/A	0.0	0.0	0.0558	0.0775	0.1149	0.1640	0.1934	0.2598	0.3338	0.4143	2.4894
PMP/A	0.0	0.0	0.1100	0.1529	0.2268	0.3235	0.3816	0.5126	0.6587	0.8175	5.8600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A00 6106 50	NAVION	140	22	10N	06E	L	M	38.706	121.311	SACRAMENTO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1969	*****	*****	0.32	0.42	0.60	0.94	0.94	1.60	2.45	3.38	32.07
1970	*****	*****	0.32	0.32	0.35	0.60	0.80	1.15	1.74	2.68	24.84
1971	*****	*****	0.29	0.33	0.38	0.47	0.60	0.78	1.02	1.78	11.96
1972	*****	*****	0.25	0.35	0.44	0.50	0.63	0.81	1.25	1.39	14.15
1973	*****	*****	0.40	0.60	0.88	1.30	1.40	1.54	2.00	2.00	36.10
1974	*****	*****	0.12	0.20	0.27	0.39	0.46	0.64	0.95	1.66	17.70
1975	*****	*****	0.38	0.52	0.60	0.77	0.92	1.45	1.80	2.83	20.63

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A00 6106 50	NAVION	140	22	10N	06E	L	M	38.706	121.311	SACRAMENTO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.32	0.39	0.49	0.68	0.78	1.08	1.50	2.11	22.01
5	0.0	0.0	0.43	0.53	0.66	0.91	1.04	1.45	2.02	2.83	28.44
10	0.0	0.0	0.50	0.61	0.77	1.06	1.22	1.69	2.35	3.29	32.09
20	0.0	0.0	0.56	0.69	0.87	1.20	1.38	1.91	2.66	3.73	35.25
25	0.0	0.0	0.58	0.72	0.90	1.24	1.43	1.98	2.75	3.86	36.20
40	0.0	0.0	0.59	0.73	0.91	1.27	1.45	2.01	2.80	3.93	38.10
50	0.0	0.0	0.64	0.80	0.99	1.38	1.58	2.18	3.04	4.27	38.97
100	0.0	0.0	0.70	0.87	1.08	1.50	1.72	2.39	3.32	4.66	41.55
200	0.0	0.0	0.76	0.94	1.17	1.63	1.86	2.58	3.59	5.04	43.98
1000	0.0	0.0	0.89	1.10	1.37	1.90	2.18	3.02	4.21	5.90	49.21
10000	0.0	0.0	1.07	1.32	1.65	2.28	2.62	3.63	5.05	7.08	55.99
PMP	0.0	0.0	2.11	2.61	3.25	4.50	5.16	7.15	9.96	13.97	131.81
MEAN	0.0	0.0	0.339	0.419	0.523	0.724	0.830	1.150	1.601	2.246	22.493
CLOCK HR. COF.	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	-1.147	0.342	0.976	1.126	1.031	-0.045	0.235	0.485	0.489
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.600
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.633 ; INTERCEPT (TIME=1 HOUR) =0.548 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.02438 ; AVERAGE CALC CV / USED CV = 1.09

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	6.213	4.470	5.341	5.335	5.914	2.744	3.781	3.677	3.709
N	0	0	7	7	7	7	7	7	7	7	7
RECORD YEAR	0	0	1973	1973	1973	1973	1973	1969	1969	1969	1973
RECORD MAXIMUM	0.0	0.0	0.400	0.600	0.880	1.300	1.400	1.600	2.450	3.380	36.100
NORMILIZED MAX	0.0	0.0	0.576	1.262	1.656	1.755	1.824	1.116	1.539	1.561	1.507
CALC. COEF. VAR	0.0	0.0	0.314	0.343	0.412	0.453	0.377	0.351	0.344	0.324	0.402
REGN. COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
USED COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
MEAN/A	0.0	0.0	0.0151	0.0186	0.0233	0.0322	0.0369	0.0511	0.0712	0.0998	1.0000
RP10/A	0.0	0.0	0.0221	0.0273	0.0341	0.0472	0.0541	0.0750	0.1044	0.1464	1.4266
RP25/A	0.0	0.0	0.0259	0.0320	0.0400	0.0553	0.0634	0.0879	0.1224	0.1716	1.6092
RP50/A	0.0	0.0	0.0286	0.0354	0.0442	0.0612	0.0701	0.0971	0.1352	0.1896	1.7327
RP100/A	0.0	0.0	0.0312	0.0386	0.0482	0.0668	0.0765	0.1060	0.1477	0.2071	1.8474
RP1000/A	0.0	0.0	0.0396	0.0489	0.0611	0.0846	0.0969	0.1343	0.1870	0.2622	2.1878
RP10000/A	0.0	0.0	0.0475	0.0587	0.0733	0.1015	0.1163	0.1612	0.2244	0.3147	2.4894
PMP/A	0.0	0.0	0.0937	0.1158	0.1446	0.2003	0.2294	0.3180	0.4428	0.6210	5.8600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A00 6482 2	ORANGEVALE	233	2B	10N	07E	P	M	38.686	121.219	SACRAMENTO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
	DURATION										
1961	*****	*****	0.26	0.32	0.47	0.71	1.03	1.33	1.50	1.50	15.18
1962	*****	*****	0.40	0.52	0.62	0.74	0.84	1.38	2.09	3.62	18.11
1963	*****	*****	0.20	0.35	0.55	0.90	1.30	1.80	2.68	3.56	29.82
1964	*****	*****	0.48	0.50	0.73	0.90	1.28	1.87	2.09	2.43	14.00
1965	*****	*****	0.27	0.32	0.42	0.66	0.80	1.05	1.35	2.16	17.83
1966	*****	*****	0.10	0.20	0.35	0.35	0.55	0.95	1.50	1.80	12.06
1967	*****	*****	0.45	0.50	0.52	0.60	0.95	1.22	2.50	2.95	24.62
1968	*****	*****	0.20	0.25	0.37	0.45	0.57	1.00	1.16	1.50	13.26
1969	*****	*****	0.33	0.35	0.40	0.62	0.68	0.95	1.52	2.24	28.18
1970	*****	*****	0.22	0.40	0.46	0.69	0.82	1.20	1.60	1.87	17.44
1971	*****	*****	0.35	0.47	0.57	0.68	0.78	1.07	1.48	2.31	18.42
1972	*****	*****	0.42	0.47	0.51	0.58	0.58	0.92	1.35	2.23	13.25
1973	*****	*****	0.30	0.63	0.75	0.83	0.87	1.36	1.36	1.93	27.30
1974	*****	*****	0.25	0.35	0.68	0.95	0.99	1.08	1.30	1.38	19.78
1975	*****	*****	0.25	0.47	0.72	0.79	0.92	1.02	1.24	1.73	16.87

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A00 6482 2	ORANGEVALE	233	2B	10N	07E	P	M	38.686	121.219	SACRAMENTO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.32	0.41	0.53	0.67	0.82	1.15	1.54	2.07	18.66
5	0.0	0.0	0.43	0.55	0.71	0.89	1.10	1.54	2.08	2.79	24.12
10	0.0	0.0	0.50	0.64	0.83	1.04	1.28	1.80	2.42	3.25	27.21
20	0.0	0.0	0.56	0.72	0.93	1.18	1.45	2.03	2.73	3.67	29.89
25	0.0	0.0	0.59	0.76	0.97	1.22	1.50	2.11	2.83	3.80	30.70
40	0.0	0.0	0.60	0.76	0.98	1.24	1.53	2.14	2.88	3.87	32.31
50	0.0	0.0	0.65	0.83	1.07	1.35	1.66	2.33	3.13	4.20	33.05
100	0.0	0.0	0.71	0.90	1.17	1.47	1.81	2.54	3.42	4.59	35.24
200	0.0	0.0	0.76	0.98	1.26	1.59	1.96	2.75	3.70	4.97	37.30
1000	0.0	0.0	0.89	1.14	1.48	1.87	2.29	3.22	4.33	5.81	41.73
10000	0.0	0.0	1.07	1.37	1.77	2.24	2.75	3.86	5.19	6.97	47.48
PMP	0.0	0.0	2.12	2.71	3.50	4.42	5.43	7.62	10.25	13.76	111.78
MEAN	0.0	0.0	0.340	0.435	0.563	0.711	0.873	1.225	1.648	2.213	19.075
CLOCK HR. COR.	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.130	0.025	0.243	-0.418	0.524	1.315	1.270	1.017	0.763
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.628 ; INTERCEPT (TIME=1 HOUR) =0.565 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.02962 ; AVERAGE CALC CV / USED CV = 0.80

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	3.077	3.230	2.394	3.559	3.485	4.512	4.017	3.861	2.922
N	0	0	15	15	15	15	15	15	15	15	15
RECORD YEAR	0	0	1964	1973	1973	1974	1963	1964	1963	1962	1963
RECORD MAXIMUM	0.0	0.0	0.480	0.630	0.750	0.950	1.300	1.870	2.680	3.620	29.820
NORMILIZED MAX	0.0	0.0	1.157	1.588	1.342	1.412	1.853	2.170	2.208	2.032	1.863
CALC. COEF. VAR	0.0	0.0	0.354	0.282	0.247	0.239	0.264	0.242	0.284	0.313	0.302
REGN. COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
USED COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
MEAN/A	0.0	0.0	0.0178	0.0228	0.0295	0.0373	0.0457	0.0642	0.0864	0.1160	1.0000
RP10/A	0.0	0.0	0.0262	0.0335	0.0433	0.0546	0.0671	0.0942	0.1267	0.1701	1.4266
RP25/A	0.0	0.0	0.0307	0.0392	0.0507	0.0640	0.0786	0.1104	0.1485	0.1994	1.6092
RP50/A	0.0	0.0	0.0339	0.0433	0.0561	0.0708	0.0869	0.1220	0.1641	0.2203	1.7327
RP100/A	0.0	0.0	0.0370	0.0473	0.0612	0.0773	0.0949	0.1333	0.1792	0.2406	1.8474
RP1000/A	0.0	0.0	0.0469	0.0599	0.0775	0.0978	0.1202	0.1687	0.2269	0.3047	2.1878
RP10000/A	0.0	0.0	0.0563	0.0719	0.0930	0.1174	0.1442	0.2025	0.2724	0.3657	2.4894
PMP/A	0.0	0.0	0.1110	0.1419	0.1836	0.2317	0.2846	0.3996	0.5374	0.7215	5.8600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A00 7247 1	RANCHO CORDOVA	72	27	09N	06E	L	M	38.604	121.311	SACRAMENTO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1961	*****	*****	0.40	0.62	0.84	0.88	1.08	1.23	1.42	1.42	13.90
1962	*****	*****	0.45	0.50	0.55	0.56	0.65	1.22	1.92	2.54	16.14
1963	*****	*****	0.28	0.35	0.45	0.50	0.60	0.92	1.10	1.83	25.42
1964	*****	*****	0.47	0.53	0.69	1.06	1.10	1.32	1.38	1.38	11.32
1965	*****	*****	0.21	0.34	0.43	0.65	0.78	1.03	1.35	2.05	16.23
1966	*****	*****	0.30	0.35	0.45	0.50	0.50	0.80	1.15	1.15	9.93
1967	*****	*****	0.40	0.55	0.71	0.75	0.85	1.08	1.99	2.66	23.21
1968	*****	*****	0.27	0.28	0.30	0.42	0.51	0.75	1.14	1.63	12.34
1969	*****	*****	0.24	0.32	0.33	0.58	0.62	1.02	1.60	2.20	27.78
1970	*****	*****	0.28	0.45	0.54	0.55	0.60	0.95	1.61	1.95	15.94
1971	*****	*****	0.30	0.40	0.49	0.63	0.88	1.17	1.92	2.62	18.08
1972	*****	*****	0.29	*****	*****	*****	*****	*****	*****	1.78	11.64
1973	*****	*****	0.42	0.64	0.83	0.95	0.97	1.52	1.52	1.69	24.93
1974	*****	*****	0.20	0.25	0.26	0.32	0.42	0.62	0.77	1.44	13.92
1975	*****	*****	0.28	0.56	0.66	0.76	0.96	1.06	1.12	1.88	16.02

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A00 7247 1	RANCHO CORDOVA	72	27	09N	06E	L	M	38.604	121.311	SACRAMENTO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.30	0.41	0.50	0.61	0.70	0.98	1.33	1.76	16.75
5	0.0	0.0	0.40	0.55	0.68	0.82	0.95	1.32	1.79	2.37	21.65
10	0.0	0.0	0.47	0.64	0.79	0.95	1.10	1.54	2.08	2.76	24.42
20	0.0	0.0	0.53	0.73	0.89	1.08	1.25	1.74	2.36	3.12	26.83
25	0.0	0.0	0.55	0.75	0.92	1.12	1.29	1.80	2.44	3.23	27.55
40	0.0	0.0	0.56	0.77	0.94	1.14	1.31	1.83	2.48	3.29	29.00
50	0.0	0.0	0.61	0.83	1.02	1.24	1.43	1.99	2.70	3.57	29.66
100	0.0	0.0	0.66	0.91	1.12	1.35	1.56	2.18	2.95	3.90	31.63
200	0.0	0.0	0.72	0.98	1.21	1.46	1.69	2.35	3.19	4.22	33.48
1000	0.0	0.0	0.84	1.15	1.41	1.71	1.97	2.76	3.73	4.94	37.46
10000	0.0	0.0	1.01	1.38	1.70	2.05	2.37	3.31	4.48	5.93	42.62
PMP	0.0	0.0	1.99	2.73	3.35	4.05	4.67	6.53	8.84	11.70	100.32
MEAN	0.0	0.0	0.319	0.439	0.538	0.651	0.751	1.049	1.421	1.881	17.120
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.498	0.150	0.227	0.520	0.190	0.081	-0.026	0.388	0.725
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.668 ; INTERCEPT (TIME=1 HOUR) =0.527 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.03076 ; AVERAGE CALC CV / USED CV = 0.88

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	2.597	2.306	2.711	3.353	2.351	3.663	3.005	2.870	2.879
N	0	0	15	14	14	14	14	14	14	15	15
RECORD YEAR	0	0	1964	1973	1961	1964	1964	1973	1962	1967	1969
RECORD MAXIMUM	0.0	0.0	0.470	0.640	0.840	1.060	1.100	1.520	1.920	2.660	27.780
NORMILIZED MAX	0.0	0.0	1.747	1.568	1.622	1.966	1.556	1.978	1.436	1.675	1.891
CALC. COEF. VAR	0.0	0.0	0.270	0.293	0.346	0.320	0.298	0.227	0.245	0.247	0.329
REGN. COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
USED COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
MEAN/A	0.0	0.0	0.0187	0.0256	0.0314	0.0380	0.0439	0.0613	0.0830	0.1099	1.0000
RP10/A	0.0	0.0	0.0274	0.0376	0.0461	0.0557	0.0644	0.0899	0.1217	0.1612	1.4266
RP25/A	0.0	0.0	0.0321	0.0440	0.0540	0.0653	0.0754	0.1053	0.1426	0.1889	1.6092
RP50/A	0.0	0.0	0.0354	0.0487	0.0597	0.0722	0.0834	0.1164	0.1576	0.2087	1.7327
RP100/A	0.0	0.0	0.0387	0.0531	0.0652	0.0788	0.0910	0.1271	0.1721	0.2279	1.8474
RP1000/A	0.0	0.0	0.0490	0.0673	0.0825	0.0998	0.1153	0.1610	0.2179	0.2886	2.1878
RP10000/A	0.0	0.0	0.0588	0.0808	0.0990	0.1198	0.1384	0.1932	0.2616	0.3464	2.4894
PMP/A	0.0	0.0	0.1160	0.1593	0.1954	0.2364	0.2730	0.3812	0.5162	0.6835	5.8600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A00 7630 0	SACRAMENTO AP	17	25	08N	04E	M	M	38.517	121.500	SACRAMENTO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.38	0.56	0.86	1.30	1.77	3.29	28.47
1941	*****	*****	*****	*****	0.60	0.68	0.73	1.37	1.73	2.22	24.61
1942	*****	*****	*****	*****	0.38	0.71	0.84	0.93	1.22	1.64	19.46
1943	*****	*****	*****	*****	0.49	0.97	1.35	1.89	2.37	2.96	15.49
1944	*****	*****	*****	*****	0.37	0.40	0.48	0.80	1.31	2.28	19.64
1945	*****	*****	*****	*****	0.43	0.61	0.87	0.91	1.11	2.20	17.11
1946	*****	*****	*****	*****	0.38	0.38	0.53	0.79	1.07	1.23	7.99
1947	*****	*****	*****	*****	0.37	0.47	0.59	0.83	1.12	1.66	9.47
1948	*****	*****	*****	*****	0.36	0.59	0.88	1.20	1.62	1.78	16.89
1949	*****	*****	*****	*****	0.32	0.39	0.46	0.67	0.84	1.02	10.41
1950	*****	*****	*****	*****	0.73	0.81	0.98	1.03	1.59	2.13	21.81
1951	*****	*****	*****	*****	0.99	1.02	1.20	1.61	1.71	1.80	14.44
1952	*****	*****	*****	*****	0.41	0.74	1.05	1.55	1.69	2.53	23.93
1953	*****	*****	*****	*****	0.55	0.56	0.73	1.10	1.34	1.67	9.57
1954	*****	*****	*****	*****	0.31	0.44	0.57	0.87	1.42	1.92	18.86
1955	*****	*****	*****	*****	0.53	0.73	0.85	1.37	2.35	3.64	22.26
1956	*****	*****	*****	*****	0.32	0.58	0.76	0.83	0.83	1.34	12.78
1957	*****	*****	*****	*****	0.51	0.67	0.70	0.80	1.02	1.24	16.98
1958	*****	*****	*****	*****	0.46	0.78	1.10	1.63	1.91	2.51	24.38
1959	*****	*****	*****	*****	0.33	0.58	0.83	1.30	1.53	1.64	12.77
1960	*****	*****	*****	*****	0.36	0.49	0.67	0.87	1.43	1.46	15.20
1961	*****	*****	*****	*****	0.65	0.88	0.96	0.97	1.18	2.08	13.22
1962	*****	*****	*****	*****	0.77	1.02	1.32	1.97	3.00	5.59	21.58
1963	*****	*****	*****	*****	0.56	0.80	0.86	1.03	1.64	2.47	21.64
1964	*****	*****	*****	*****	0.57	0.98	1.43	2.29	2.46	2.67	16.70
1965	*****	*****	*****	*****	0.33	0.46	0.56	0.82	0.93	1.08	13.81
1966	*****	*****	*****	*****	0.34	0.40	0.53	0.73	1.42	1.57	13.78
1967	*****	*****	*****	*****	0.48	0.67	0.85	1.29	2.26	3.41	19.62
1968	*****	*****	*****	*****	0.30	0.45	0.61	0.91	1.13	1.60	14.19
1969	*****	*****	*****	*****	0.38	0.75	0.82	0.92	1.27	1.74	23.92
1970	*****	*****	*****	*****	0.35	0.56	0.82	1.37	2.19	2.95	23.07
1971	*****	*****	*****	*****	0.27	0.46	0.63	0.72	0.72	0.78	9.78
1972	*****	*****	*****	*****	0.21	0.30	0.35	0.57	0.78	1.19	13.77
1973	*****	*****	*****	*****	0.84	0.93	0.98	1.76	1.78	1.83	26.48
1974	*****	*****	*****	*****	0.20	0.30	0.36	0.51	0.85	1.08	15.16

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A00 7630 0	SACRAMENTO AP	17	25	08N	04E	M	M	38.517	121.500	SACRAMENTO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.48	0.63	0.78	1.08	1.42	1.93	17.03
5	0.0	0.0	0.0	0.0	0.65	0.85	1.05	1.45	1.91	2.60	22.01
10	0.0	0.0	0.0	0.0	0.76	0.99	1.22	1.69	2.23	3.03	24.83
20	0.0	0.0	0.0	0.0	0.86	1.12	1.38	1.91	2.52	3.42	27.28
25	0.0	0.0	0.0	0.0	0.89	1.16	1.43	1.98	2.61	3.55	28.01
40	0.0	0.0	0.0	0.0	0.90	1.18	1.45	2.01	2.65	3.61	29.49
50	0.0	0.0	0.0	0.0	0.98	1.28	1.58	2.19	2.88	3.92	30.16
100	0.0	0.0	0.0	0.0	1.07	1.40	1.73	2.39	3.15	4.28	32.16
200	0.0	0.0	0.0	0.0	1.16	1.52	1.87	2.58	3.41	4.63	34.04
1000	0.0	0.0	0.0	0.0	1.35	1.78	2.19	3.02	3.99	5.42	38.08
10000	0.0	0.0	0.0	0.0	1.63	2.13	2.62	3.63	4.78	6.50	43.33
PMP	0.0	0.0	0.0	0.0	3.21	4.21	5.18	7.16	9.44	12.83	102.00
MEAN	0.0	0.0	0.0	0.0	0.516	0.676	0.837	1.151	1.518	2.063	17.407
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	1.264	0.340	0.560	0.936	0.775	1.724	0.169
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.569 ; INTERCEPT (TIME=1 HOUR) =0.512 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.02940 ; AVERAGE CALC CV / USED CV = 1.01

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	4.723	2.400	3.344	3.536	3.487	7.695	2.364
N	0	0	0	0	35	35	35	35	35	35	35
RECORD YEAR	0	0	0	0	1951	1951	1964	1964	1962	1962	1940
RECORD MAXIMUM	0.0	0.0	0.0	0.0	0.990	1.020	1.430	2.290	3.000	5.590	28.470
NORMILIZED MAX	0.0	0.0	0.0	0.0	2.350	1.548	2.167	2.624	2.490	3.753	2.071
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.391	0.328	0.331	0.377	0.363	0.456	0.307
REGN. COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
USED COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
MEAN/A	0.0	0.0	0.0	0.0	0.0296	0.0388	0.0478	0.0661	0.0872	0.1185	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0434	0.0570	0.0701	0.0970	0.1279	0.1738	1.4266
RP25/A	0.0	0.0	0.0	0.0	0.0509	0.0668	0.0822	0.1137	0.1499	0.2037	1.6092
RP50/A	0.0	0.0	0.0	0.0	0.0563	0.0738	0.0908	0.1256	0.1656	0.2251	1.7327
RP100/A	0.0	0.0	0.0	0.0	0.0614	0.0806	0.0992	0.1372	0.1808	0.2458	1.8474
RP1000/A	0.0	0.0	0.0	0.0	0.0778	0.1020	0.1256	0.1737	0.2290	0.3112	2.1878
RP10000/A	0.0	0.0	0.0	0.0	0.0934	0.1225	0.1507	0.2085	0.2748	0.3736	2.4894
PMP/A	0.0	0.0	0.0	0.0	0.1842	0.2416	0.2974	0.4114	0.5423	0.7371	5.8600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUP		STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
A00 7633	0	SACRAMENTO CITY NWS	25	01	08N	04E	C	M	38.417	121.483	SACRAMENTO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
YEAR											
1903	0.13	0.20	0.24	0.31	0.39	0.59	0.61	0.85	0.89	1.40	14.70
1904	0.23	0.33	0.55	0.69	0.71	0.96	0.98	1.05	1.24	2.58	20.99
1905	0.15	0.24	0.29	0.34	0.42	0.49	0.76	1.08	1.19	1.37	14.97
1906	0.24	0.40	0.44	0.80	0.94	1.01	1.14	1.48	1.97	2.57	30.70
1907	0.15	0.18	0.20	0.23	0.29	0.53	0.72	1.20	1.40	1.93	20.05
1908	0.11	0.18	0.24	0.39	0.52	0.66	0.80	1.14	1.50	1.57	11.21
1909	0.12	0.18	0.27	0.34	0.40	0.63	0.74	0.98	1.50	2.37	24.87
1910	0.08	0.14	0.16	0.25	0.29	0.39	0.52	0.81	1.01	1.37	7.78
1911	0.07	0.09	0.13	0.22	0.25	0.40	0.53	1.04	1.99	3.22	21.11
1912	0.07	0.10	0.12	0.18	0.31	0.35	0.44	0.59	0.89	1.08	11.01
1913	0.10	0.14	0.17	0.22	0.37	0.68	0.74	0.97	1.50	1.61	14.29
1914	0.09	0.13	0.16	0.24	0.26	0.36	0.51	0.81	1.01	1.43	16.05
1915	0.12	0.16	0.23	0.39	0.55	0.71	0.82	1.01	1.50	2.18	17.73
1916	0.14	0.20	0.26	0.30	0.40	0.74	0.97	1.54	2.33	3.21	18.27
1917	0.08	0.11	0.13	0.21	0.32	0.47	0.59	0.91	1.25	1.99	8.92
1918	0.08	0.12	0.15	0.21	0.38	0.72	0.99	1.50	2.24	3.14	16.92
1919	0.12	0.17	0.23	0.32	0.38	0.44	0.52	0.75	1.27	2.03	12.80
1920	0.09	0.14	0.17	0.23	0.30	0.43	0.50	0.66	0.75	1.11	14.79
1921	0.29	0.52	0.66	0.66	0.66	0.66	0.66	0.89	1.30	2.18	13.49
1922	0.14	0.18	0.18	0.21	0.30	0.50	0.50	0.75	0.98	1.88	18.33
1923	0.12	0.13	0.14	0.20	0.28	0.37	0.42	0.59	0.74	0.90	8.46
1924	0.08	0.14	0.21	0.33	0.51	0.79	0.94	1.43	1.43	1.49	12.67
1925	0.17	0.21	0.21	0.26	0.30	0.43	0.43	0.60	0.96	1.04	13.05
1926	0.26	0.47	0.54	0.56	0.56	0.70	0.70	0.99	1.43	1.92	20.58
1927	0.11	0.14	0.18	0.24	0.33	0.49	0.64	0.92	1.09	1.31	15.37
1928	0.13	0.17	0.20	0.27	0.29	0.50	0.56	1.06	1.29	1.71	12.57
1929	0.09	0.13	0.17	0.23	0.39	0.60	0.83	1.02	1.56	1.58	8.81
1930	0.13	0.18	0.23	0.28	0.36	0.56	0.77	0.79	0.94	1.22	11.84
1931	0.12	0.21	0.26	0.30	0.39	0.56	0.70	0.94	1.88	3.00	14.32
1932	0.03	0.05	0.06	0.12	0.23	0.39	0.60	0.74	0.88	0.88	6.72
1933	0.07	0.10	0.14	0.20	0.25	0.43	0.53	0.63	0.85	1.64	12.08
1934	0.14	0.19	0.25	0.44	0.65	0.85	0.90	0.98	1.45	1.76	10.72
1935	0.39	0.62	0.75	0.97	1.65	2.62	2.70	2.88	3.08	3.35	19.70
1936	0.16	0.25	0.36	0.60	0.77	0.85	0.87	1.20	1.89	2.65	19.36
1937	0.17	0.22	0.26	0.32	0.43	0.74	0.82	1.37	2.19	2.52	24.38
1938	0.11	0.21	0.26	0.43	0.58	0.71	0.83	1.30	1.47	1.55	20.39
1939	0.10	0.16	0.18	0.28	0.43	0.65	0.77	0.97	1.10	1.38	8.58
1940	0.18	0.21	0.27	0.35	0.46	0.73	0.92	1.30	2.25	3.30	34.71
1941	0.21	0.39	0.50	0.62	0.69	0.79	0.90	1.37	1.74	2.22	28.49
1942	0.18	0.26	0.30	0.31	0.42	0.59	1.05	1.21	1.43	1.85	22.30
1943	0.13	0.20	0.26	0.42	0.63	1.09	1.53	2.10	2.84	3.52	17.10
1944	0.13	0.16	0.22	0.28	0.35	0.46	0.61	1.02	1.67	2.82	22.02
1945	0.14	0.22	0.26	0.34	0.53	0.65	0.78	1.28	1.53	2.74	19.45
1946	0.17	0.30	0.39	0.46	0.46	0.61	0.67	0.90	1.05	1.19	9.05
1947	0.17	0.26	0.28	0.36	0.55	0.66	0.67	0.96	1.28	1.86	11.09
1948	0.12	0.17	0.21	0.32	0.50	0.67	0.83	1.19	1.81	1.93	18.19
1949	0.17	0.21	0.23	0.25	0.30	0.52	0.65	0.88	0.95	1.11	11.03
1950	0.36	0.44	0.47	0.52	0.62	0.78	0.91	1.61	1.76	2.15	24.32
1951	0.27	0.36	0.45	0.55	0.69	0.87	1.01	1.40	1.56	1.69	16.22
1952	0.18	0.22	0.23	0.27	0.40	0.70	0.99	1.52	1.73	2.72	26.08
1953	0.07	0.12	0.14	0.20	0.37	0.65	0.88	1.28	1.59	1.87	12.16
1954	0.10	0.14	0.18	0.29	0.40	0.59	0.75	1.17	1.73	2.10	20.99
1955	0.20	0.29	0.33	0.37	0.42	0.62	0.85	1.15	1.95	3.27	23.15
1956	0.25	0.27	0.29	0.34	0.42	0.66	0.84	1.00	1.49	1.60	15.30
1957	0.15	0.20	0.29	0.38	0.44	0.69	0.72	0.91	1.13	1.45	18.42
1958	0.24	0.37	0.45	0.59	0.75	0.85	1.12	1.67	1.96	2.66	27.28
1959	0.10	0.16	0.20	0.31	0.64	0.77	0.90	1.21	1.44	1.50	11.85
1960	0.13	0.16	0.18	0.30	0.40	0.52	0.66	0.81	1.24	1.28	14.53
1961	0.11	0.13	0.14	0.27	0.39	0.54	0.64	0.80	0.99	1.32	11.57
1962	0.18	0.27	0.30	0.42	0.63	0.89	1.05	1.55	2.76	5.07	19.88
1963	0.19	0.24	0.28	0.39	0.49	0.70	0.83	1.06	1.37	1.92	18.97
1964	0.11	0.17	0.25	0.36	0.49	0.83	1.15	1.97	2.10	2.30	15.07
1965	0.11	0.20	0.27	0.35	0.41	0.63	0.74	1.14	1.22	1.34	15.63
1966	0.08	0.10	0.13	0.21	0.30	0.45	0.64	0.92	1.43	1.54	13.69
1967	0.23	0.39	0.43	0.50	0.61	0.86	1.06	1.23	2.09	3.12	19.63
1968	0.13	0.20	0.23	0.25	0.26	0.37	0.45	0.79	1.04	1.40	15.28
1969	0.17	0.26	0.32	0.39	0.63	0.99	1.03	1.03	1.47	1.94	26.06
1970	0.15	0.20	0.25	0.32	0.43	0.55	0.73	1.00	1.73	2.45	22.83
1971	0.11	0.17	0.21	0.31	0.47	0.74	0.84	0.94	0.96	1.17	9.78
1972	0.04	0.06	0.07	0.14	0.27	0.38	0.48	0.80	1.06	1.18	14.19
1973	0.30	0.53	0.65	0.90	1.01	1.19	1.27	2.01	2.02	2.11	26.48
1974	0.10	0.14	0.17	0.21	0.36	0.57	0.66	0.79	1.11	1.78	17.50
1975	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.85	15.34

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
A00 7633 0	SACRAMENTO CITY NWS	25	01	08N	04E	C	M	38.417	121.483	SACRAMENTO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.20	0.25	0.33	0.44	0.63	0.75	1.05	1.40	1.87	16.54
5	0.19	0.27	0.34	0.45	0.60	0.84	1.01	1.41	1.88	2.51	21.38
10	0.22	0.32	0.39	0.52	0.69	0.98	1.18	1.64	2.19	2.92	24.12
20	0.25	0.36	0.44	0.59	0.78	1.11	1.33	1.85	2.48	3.31	26.50
25	0.25	0.37	0.46	0.61	0.81	1.15	1.38	1.92	2.56	3.42	27.21
40	0.26	0.38	0.47	0.62	0.83	1.17	1.40	1.95	2.61	3.48	28.64
50	0.28	0.41	0.51	0.68	0.90	1.27	1.53	2.12	2.83	3.78	29.29
100	0.31	0.45	0.55	0.74	0.98	1.39	1.67	2.32	3.09	4.13	31.23
200	0.33	0.49	0.60	0.80	1.06	1.50	1.80	2.51	3.35	4.47	33.06
1000	0.39	0.57	0.70	0.93	1.24	1.76	2.11	2.93	3.92	5.23	36.99
10000	0.47	0.69	0.84	1.12	1.49	2.11	2.53	3.52	4.70	6.28	42.09
PMP	0.92	1.35	1.66	2.21	2.94	4.17	5.00	6.94	9.28	12.39	99.07
MEAN	0.148	0.217	0.267	0.356	0.473	0.670	0.804	1.117	1.492	1.992	16.907
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.290	1.546	1.532	1.706	2.754	4.201	3.371	1.847	0.954	1.216	0.632
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.538 ; INTERCEPT (TIME=1 HOUR) =0.486 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.02873 ; AVERAGE CALC CV / USED CV = 1.33

KURTOSIS	5.090	5.566	5.552	6.335	15.115	29.237	21.634	8.564	4.062	5.317	3.282
N	72	72	72	72	72	72	72	72	72	73	73
RECORD YEAR	1935	1935	1935	1935	1935	1935	1935	1935	1935	1962	1940
RECORD MAXIMUM	0.390	0.620	0.750	0.970	1.650	2.620	2.700	2.880	3.080	5.070	34.710
NORMILIZED MAX	3.488	3.594	3.569	3.698	5.496	6.606	6.089	4.569	3.202	4.007	3.043
CALC. COEF. VAR	0.470	0.515	0.508	0.467	0.453	0.441	0.388	0.346	0.332	0.386	0.346
REGN. COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
USED COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
MEAN/A	0.0087	0.0129	0.0158	0.0210	0.0280	0.0396	0.0475	0.0660	0.0882	0.1178	1.0000
RP10/A	0.0128	0.0189	0.0231	0.0309	0.0410	0.0581	0.0697	0.0969	0.1294	0.1728	1.4266
RP25/A	0.0150	0.0221	0.0271	0.0362	0.0481	0.0681	0.0817	0.1135	0.1517	0.2026	1.6092
RP50/A	0.0166	0.0244	0.0299	0.0400	0.0531	0.0752	0.0903	0.1254	0.1676	0.2238	1.7327
RP100/A	0.0181	0.0267	0.0327	0.0437	0.0580	0.0822	0.0986	0.1370	0.1830	0.2444	1.8474
RP1000/A	0.0230	0.0338	0.0414	0.0553	0.0734	0.1040	0.1248	0.1734	0.2318	0.3095	2.1878
RP10000/A	0.0276	0.0406	0.0497	0.0663	0.0881	0.1249	0.1498	0.2082	0.2782	0.3715	2.4894
PMP/A	0.0544	0.0800	0.0981	0.1309	0.1739	0.2464	0.2956	0.4108	0.5489	0.7330	5.8600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
800 2742 0	ELK GROVE	45	36	07N	06E	A	M	38.421	121.374	SACRAMENTO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1963	*****	*****	0.15	0.22	0.32	0.46	0.60	0.99	1.50	2.03	12.89
1964	*****	*****	0.25	0.35	0.49	0.80	1.17	1.60	1.69	1.94	9.83
1965	*****	*****	0.20	0.27	0.40	0.65	0.73	0.80	1.34	1.96	15.97
1966	*****	*****	0.23	0.25	0.30	0.38	0.47	1.10	1.15	1.25	9.16
1967	*****	*****	0.35	0.55	0.65	0.90	1.00	1.30	2.50	3.30	23.04
1968	*****	*****	0.18	0.22	0.27	0.47	0.67	0.92	1.26	1.80	11.50
1969	*****	*****	0.33	0.43	0.62	0.92	0.93	1.32	1.79	2.21	25.78
1970	*****	*****	0.23	0.26	0.44	0.69	0.85	1.31	1.83	2.33	16.76
1971	*****	*****	0.18	0.25	0.45	0.78	0.97	1.14	1.50	2.56	16.51
1972	*****	*****	0.30	0.46	0.49	0.49	0.49	0.65	0.76	1.35	9.54
1973	*****	*****	0.52	0.57	0.79	0.89	0.93	1.38	1.38	1.48	23.99
1974	*****	*****	0.22	0.25	0.32	0.50	0.63	0.70	0.80	1.01	12.03
1975	*****	*****	0.32	0.60	0.60	0.62	0.67	0.75	0.83	0.90	11.03

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
800 2742 0	ELK GROVE	45	36	07N	06E	A	M	38.421	121.374	SACRAMENTO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.25	0.34	0.44	0.62	0.74	1.01	1.32	1.74	14.87
5	0.0	0.0	0.33	0.45	0.59	0.82	0.99	1.35	1.77	2.33	18.82
10	0.0	0.0	0.39	0.52	0.69	0.96	1.14	1.56	2.05	2.70	21.10
20	0.0	0.0	0.44	0.59	0.78	1.08	1.29	1.77	2.32	3.05	23.10
25	0.0	0.0	0.45	0.61	0.81	1.12	1.34	1.83	2.40	3.16	23.70
40	0.0	0.0	0.46	0.62	0.82	1.14	1.36	1.86	2.44	3.22	24.92
50	0.0	0.0	0.50	0.68	0.89	1.24	1.48	2.02	2.65	3.49	25.48
100	0.0	0.0	0.55	0.74	0.97	1.35	1.61	2.20	2.89	3.81	27.14
200	0.0	0.0	0.59	0.80	1.05	1.46	1.74	2.38	3.13	4.12	28.71
1000	0.0	0.0	0.69	0.93	1.22	1.71	2.04	2.79	3.66	4.81	32.13
10000	0.0	0.0	0.83	1.12	1.47	2.04	2.44	3.34	4.38	5.77	36.61
PMP	0.0	0.0	1.63	2.20	2.89	4.02	4.80	6.57	8.62	11.35	81.73
MEAN	0.0	0.0	0.266	0.360	0.472	0.658	0.785	1.074	1.410	1.855	15.233
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.434	0.672	0.565	0.076	0.355	0.100	0.627	0.540	0.815
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.565 ; INTERCEPT (TIME=1 HOUR) =0.484 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.03176 ; AVERAGE CALC CV / USED CV = 0.97

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	6.092	2.448	3.301	2.245	2.845	2.624	4.384	3.975	2.994
N	0	0	13	13	13	13	13	13	13	13	13
RECORD YEAR	0	0	1973	1975	1973	1969	1964	1964	1967	1967	1969
RECORD MAXIMUM	0.0	0.0	0.520	0.600	0.790	0.920	1.170	1.600	2.500	3.300	25.780
NORMALIZED MAX	0.0	0.0	2.667	1.675	2.026	1.396	1.492	1.759	2.244	2.158	1.829
CALC. COEF. VAR	0.0	0.0	0.371	0.398	0.332	0.286	0.259	0.278	0.344	0.361	0.379
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0	0.0175	0.0236	0.0310	0.0432	0.0516	0.0705	0.0926	0.1218	1.0000
RP10/A	0.0	0.0	0.0255	0.0344	0.0452	0.0629	0.0751	0.1027	0.1349	0.1775	1.3850
RP25/A	0.0	0.0	0.0298	0.0403	0.0528	0.0736	0.0879	0.1202	0.1578	0.2076	1.6559
RP50/A	0.0	0.0	0.0329	0.0445	0.0583	0.0812	0.0970	0.1326	0.1741	0.2292	1.6725
RP100/A	0.0	0.0	0.0359	0.0485	0.0636	0.0886	0.1058	0.1447	0.1900	0.2500	1.7815
RP1000/A	0.0	0.0	0.0453	0.0613	0.0804	0.1120	0.1337	0.1828	0.2401	0.3159	2.1090
RP10000/A	0.0	0.0	0.0543	0.0735	0.0964	0.1342	0.1603	0.2192	0.2878	0.3787	2.4030
PMP/A	0.0	0.0	0.1068	0.1445	0.1896	0.2640	0.3153	0.4311	0.5660	0.7448	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
800 3919 0	HERALD	71	08	05N	07E	M	M	38.294	121.242	SACRAMENTO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1963	*****	*****	0.25	0.30	0.45	0.58	0.75	1.23	1.81	2.33	16.65
1964	*****	*****	0.20	0.36	0.52	0.88	1.12	1.44	1.65	1.73	8.86
1965	*****	*****	0.30	0.31	0.32	0.50	0.70	1.00	1.75	2.50	13.86
1966	*****	*****	0.15	0.20	0.25	0.40	0.55	0.95	1.15	1.15	7.72
1967	*****	*****	0.20	0.28	0.35	0.55	0.70	1.20	1.76	2.89	23.90
1968	*****	*****	0.25	0.36	0.47	0.47	0.49	0.62	1.12	1.57	10.60
1969	*****	*****	0.20	0.25	0.32	0.48	0.53	0.93	1.37	1.95	23.73
1970	*****	*****	0.22	0.29	0.47	0.89	1.17	1.73	2.04	2.67	19.21
1971	*****	*****	0.24	0.25	0.37	0.55	0.65	0.73	1.16	1.97	15.19
1972	*****	*****	0.25	0.38	0.60	0.68	0.82	1.02	1.50	2.33	9.95
1973	*****	*****	0.58	0.61	0.63	0.87	1.15	1.34	1.34	1.81	20.82
1974	*****	*****	0.25	0.35	0.50	0.55	0.55	0.68	0.89	1.46	11.03
1975	*****	*****	0.34	0.50	0.50	0.58	0.86	0.98	1.22	1.24	13.43

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
800 3919 0	HERALD	71	08	05N	07E	M	M	38.294	121.242	SACRAMENTO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.25	0.32	0.42	0.58	0.72	1.00	1.35	1.85	14.63
5	0.0	0.0	0.33	0.43	0.56	0.77	0.97	1.34	1.81	2.47	18.52
10	0.0	0.0	0.39	0.50	0.65	0.89	1.13	1.55	2.10	2.87	20.77
20	0.0	0.0	0.43	0.56	0.73	1.01	1.27	1.75	2.37	3.24	22.74
25	0.0	0.0	0.45	0.58	0.76	1.05	1.32	1.82	2.46	3.36	23.33
40	0.0	0.0	0.46	0.59	0.77	1.06	1.34	1.85	2.50	3.41	24.53
50	0.0	0.0	0.50	0.64	0.83	1.15	1.45	2.00	2.71	3.70	25.08
100	0.0	0.0	0.54	0.70	0.91	1.26	1.59	2.19	2.96	4.04	26.72
200	0.0	0.0	0.59	0.76	0.98	1.36	1.71	2.36	3.20	4.37	28.27
1000	0.0	0.0	0.68	0.89	1.15	1.59	2.00	2.76	3.74	5.11	31.63
10000	0.0	0.0	0.82	1.06	1.38	1.91	2.40	3.31	4.48	6.12	36.04
PMP	0.0	0.0	1.61	2.09	2.71	3.75	4.72	6.51	8.81	12.04	80.45
MEAN	0.0	0.0	0.264	0.342	0.443	0.614	0.772	1.065	1.442	1.969	14.996
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	2.440	1.371	-0.031	0.858	0.695	0.572	0.175	0.131	0.441
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.572 ; INTERCEPT (TIME=1 HOUR) =0.464 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.03091 ; AVERAGE CALC CV / USED CV = 0.92

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	10.289	5.579	2.982	3.105	2.864	3.746	2.778	2.729	2.642
N	0	0	13	13	13	13	13	13	13	13	13
RECORD YEAR	0	0	1973	1973	1973	1970	1970	1970	1970	1967	1967
RECORD MAXIMUM	0.0	0.0	0.580	0.610	0.630	0.890	1.170	1.730	2.040	2.890	23.900
NORMILIZED MAX	0.0	0.0	2.975	2.439	1.657	1.668	1.653	2.095	1.761	1.684	1.615
CALC. COEF. VAR	0.0	0.0	0.403	0.322	0.255	0.270	0.312	0.298	0.236	0.278	0.368
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0	0.0176	0.0228	0.0295	0.0409	0.0515	0.0710	0.0961	0.1313	1.0000
RP10/A	0.0	0.0	0.0256	0.0332	0.0431	0.0597	0.0750	0.1035	0.1401	0.1914	1.3850
RP25/A	0.0	0.0	0.0300	0.0388	0.0504	0.0698	0.0878	0.1211	0.1638	0.2238	1.5559
RP50/A	0.0	0.0	0.0331	0.0428	0.0556	0.0770	0.0969	0.1337	0.1809	0.2471	1.6725
RP100/A	0.0	0.0	0.0361	0.0467	0.0606	0.0840	0.1057	0.1458	0.1973	0.2695	1.7815
RP1000/A	0.0	0.0	0.0456	0.0591	0.0766	0.1062	0.1336	0.1843	0.2493	0.3406	2.1090
RP10000/A	0.0	0.0	0.0547	0.0708	0.0919	0.1273	0.1601	0.2209	0.2989	0.4083	2.4030
PMP/A	0.0	0.0	0.1076	0.1393	0.1807	0.2503	0.3149	0.4344	0.5878	0.8030	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. 85N ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
800 7248 35	RANCHO MURIETTA	215	33	08N	09E	R	M	38.511	121.101	SACRAMENTO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1963	*****	*****	0.40	0.70	1.05	1.25	1.42	1.77	2.06	2.49	19.06
1964	*****	*****	0.30	0.42	0.53	0.80	1.05	1.60	1.75	1.99	13.12
1965	*****	*****	0.20	0.35	0.55	0.75	0.90	1.29	1.96	2.98	18.37
1966	*****	*****	0.35	0.54	0.85	0.95	1.00	1.25	1.42	1.70	11.07
1967	*****	*****	0.49	0.60	0.70	0.75	0.80	1.00	1.95	2.05	26.21
1968	*****	*****	0.15	0.23	0.42	0.51	0.66	0.97	1.38	1.59	14.06
1969	*****	*****	0.17	0.23	0.37	0.46	0.57	1.19	1.63	1.95	26.51
1970	*****	*****	0.36	0.43	0.47	0.52	0.67	1.06	1.54	1.95	17.64
1971	*****	*****	0.15	0.23	0.43	0.60	0.68	0.80	1.07	2.06	17.62
1972	*****	*****	0.33	0.40	0.52	0.57	0.58	0.98	1.42	2.40	12.49
1973	*****	*****	0.38	0.55	0.61	0.69	0.94	1.34	1.98	2.09	30.27
1974	*****	*****	0.22	0.38	0.60	0.75	0.82	1.18	1.60	2.05	18.68
1975	*****	*****	0.22	0.34	0.40	0.52	0.68	0.92	1.04	1.30	16.30

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
800 7248 35	RANCHO MURIETTA	215	33	08N	09E	R	M	38.511	121.101	SACRAMENTO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.31	0.42	0.56	0.67	0.78	1.12	1.50	1.92	18.17
5	0.0	0.0	0.41	0.56	0.76	0.90	1.05	1.50	2.02	2.58	23.48
10	0.0	0.0	0.48	0.65	0.88	1.05	1.23	1.75	2.35	3.00	26.49
20	0.0	0.0	0.54	0.74	1.00	1.19	1.39	1.98	2.65	3.39	29.10
25	0.0	0.0	0.56	0.76	1.03	1.23	1.44	2.05	2.75	3.52	29.88
40	0.0	0.0	0.57	0.78	1.05	1.25	1.46	2.08	2.80	3.58	31.46
50	0.0	0.0	0.62	0.84	1.14	1.36	1.59	2.27	3.04	3.89	32.17
100	0.0	0.0	0.68	0.92	1.25	1.48	1.74	2.47	3.32	4.24	34.30
200	0.0	0.0	0.73	1.00	1.35	1.61	1.88	2.68	3.59	4.59	36.31
1000	0.0	0.0	0.86	1.17	1.58	1.88	2.20	3.13	4.20	5.37	40.63
10000	0.0	0.0	1.03	1.40	1.89	2.26	2.64	3.76	5.04	6.45	46.23
PMP	0.0	0.0	2.03	2.76	3.74	4.45	5.20	7.42	9.95	12.73	108.82
MEAN	0.0	0.0	0.326	0.444	0.601	0.716	0.837	1.193	1.600	2.046	18.569
CLOCK HR. COR.	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.283	0.419	1.422	1.389	1.311	0.876	-0.268	0.527	0.810
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.627 ; INTERCEPT (TIME=1 HOUR) =0.566 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.03048 ; AVERAGE CALC CV / USED CV = 0.96

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	2.741	3.156	5.411	5.814	5.560	4.068	2.859	4.932	3.528
N	0	0	13	13	13	13	13	13	13	13	13
RECORD YEAR	0	0	1967	1963	1963	1963	1963	1963	1963	1965	1973
RECORD MAXIMUM	0.0	0.0	0.490	0.700	1.050	1.250	1.420	1.770	2.060	2.980	30.270
NORMILIZED MAX	0.0	0.0	1.322	1.612	2.230	2.408	2.439	2.076	1.375	2.231	2.005
CALC. COEF. VAR	0.0	0.0	0.380	0.357	0.335	0.310	0.286	0.233	0.209	0.205	0.314
REGN. COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
USED COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
MEAN/A	0.0	0.0	0.0176	0.0239	0.0324	0.0385	0.0451	0.0642	0.0862	0.1102	1.0000
RP10/A	0.0	0.0	0.0258	0.0351	0.0475	0.0565	0.0661	0.0942	0.1264	0.1616	1.4266
RP25/A	0.0	0.0	0.0302	0.0411	0.0556	0.0662	0.0775	0.1104	0.1481	0.1894	1.6092
RP50/A	0.0	0.0	0.0334	0.0455	0.0615	0.0732	0.0856	0.1220	0.1637	0.2093	1.7327
RP100/A	0.0	0.0	0.0364	0.0496	0.0671	0.0799	0.0935	0.1332	0.1787	0.2285	1.8474
RP1000/A	0.0	0.0	0.0461	0.0629	0.0850	0.1012	0.1183	0.1687	0.2263	0.2894	2.1878
RP10000/A	0.0	0.0	0.0554	0.0755	0.1020	0.1215	0.1420	0.2025	0.2716	0.3474	2.4894
PMP/A	0.0	0.0	0.1093	0.1489	0.2012	0.2397	0.2803	0.3995	0.5359	0.6854	5.8600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
890 9429 0	GEORGIANA SLOUGH BRIDGE	2	22	05N	04E	M	M	38.269	121.537	SACRAMENTO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1963	*****	*****	0.20	0.27	0.48	0.69	0.80	1.31	2.06	2.47	16.65
1964	*****	*****	0.33	0.54	0.73	1.15	1.50	2.09	2.15	2.25	9.00
1965	*****	*****	0.20	0.26	0.31	0.48	0.56	0.75	1.05	1.41	13.32
1966	*****	*****	0.25	0.38	0.58	0.85	1.25	1.35	1.60	1.70	9.39
1967	*****	*****	0.42	0.53	0.64	0.80	0.94	1.16	2.10	3.33	21.09
1968	*****	*****	0.13	0.25	0.42	0.50	0.65	1.03	1.46	1.86	10.24
1969	*****	*****	0.17	0.25	0.32	0.49	0.61	0.88	1.22	1.37	21.68
1970	*****	*****	0.37	0.40	0.45	0.69	0.94	1.36	1.50	2.29	15.25
1971	*****	*****	0.15	0.27	0.37	0.57	0.76	1.13	1.91	2.60	13.68
1972	*****	*****	0.10	0.20	0.20	0.28	0.38	0.60	0.87	1.34	7.60
1973	*****	*****	0.39	0.46	0.63	0.78	0.83	1.26	1.34	1.44	22.35
1974	*****	*****	0.16	0.30	0.30	0.45	0.50	0.73	0.86	1.21	10.76
1975	*****	*****	0.15	0.23	0.25	0.47	0.69	0.91	1.18	1.18	11.09

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
890 9429 0	GEORGIANA SLOUGH BRIDGE	2	22	05N	04E	M	M	38.269	121.537	SACRAMENTO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.22	0.31	0.41	0.59	0.74	1.04	1.38	1.74	13.62
5	0.0	0.0	0.30	0.43	0.57	0.82	1.04	1.46	1.93	2.45	17.77
10	0.0	0.0	0.36	0.51	0.67	0.97	1.23	1.73	2.29	2.90	20.16
20	0.0	0.0	0.41	0.59	0.77	1.11	1.41	1.97	2.62	3.32	22.26
25	0.0	0.0	0.43	0.61	0.80	1.16	1.47	2.05	2.72	3.45	22.89
40	0.0	0.0	0.43	0.62	0.82	1.18	1.49	2.09	2.77	3.51	24.17
50	0.0	0.0	0.47	0.68	0.89	1.29	1.63	2.29	3.03	3.84	24.75
100	0.0	0.0	0.52	0.75	0.98	1.42	1.80	2.51	3.33	4.22	26.50
200	0.0	0.0	0.57	0.81	1.07	1.54	1.95	2.73	3.62	4.59	28.15
1000	0.0	0.0	0.67	0.96	1.26	1.82	2.31	3.29	4.28	5.42	31.73
10000	0.0	0.0	0.81	1.17	1.53	2.20	2.80	3.91	5.18	6.57	36.43
PMP	0.0	0.0	1.64	2.35	3.08	4.44	5.64	7.89	10.46	13.25	83.77
MEAN	0.0	0.0	0.232	0.334	0.437	0.631	0.801	1.120	1.485	1.881	14.008
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.683	0.827	0.374	0.814	1.060	1.164	0.197	0.897	0.610
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.512 ; INTERCEPT (TIME=1 HOUR) =0.456 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.03255 ; AVERAGE CALC CV / USED CV = 0.96

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	2.631	2.965	2.701	4.522	4.708	5.910	2.461	3.754	2.719
N	0	0	13	13	13	13	13	13	13	13	13
RECORD YEAR	0	0	1967	1964	1964	1964	1964	1964	1964	1967	1973
RECORD MAXIMUM	0.0	0.0	0.420	0.540	0.730	1.150	1.500	2.090	2.150	3.330	22.350
NORMILIZED MAX	0.0	0.0	1.728	1.780	1.764	2.283	2.280	2.520	1.461	2.199	1.645
CALC. COEF. VAR	0.0	0.0	0.468	0.347	0.380	0.361	0.383	0.344	0.307	0.350	0.362
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0166	0.0238	0.0312	0.0450	0.0572	0.0800	0.1060	0.1343	1.0000
RP10/A	0.0	0.0	0.0255	0.0367	0.0480	0.0694	0.0881	0.1232	0.1633	0.2068	1.4393
RP25/A	0.0	0.0	0.0304	0.0437	0.0572	0.0825	0.1048	0.1465	0.1942	0.2460	1.6342
RP50/A	0.0	0.0	0.0339	0.0487	0.0637	0.0919	0.1167	0.1632	0.2164	0.2741	1.7672
RP100/A	0.0	0.0	0.0372	0.0535	0.0700	0.1010	0.1283	0.1794	0.2378	0.3013	1.8917
RP1000/A	0.0	0.0	0.0478	0.0687	0.0899	0.1298	0.1648	0.2305	0.3056	0.3871	2.2652
RP10000/A	0.0	0.0	0.0579	0.0832	0.1089	0.1573	0.1997	0.2792	0.3702	0.4689	2.6007
PMP/A	0.0	0.0	0.1168	0.1679	0.2197	0.3172	0.4027	0.5633	0.7467	0.9459	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
RBO 4204	0	IDRIA	2650	29	17S	12E	J	M	36.416	120.671	SAN BENITO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1963	0.06	0.10	0.14	0.25	0.40	0.74	1.05	1.52	1.68	2.24	14.96
1964	0.08	0.14	0.18	0.36	0.61	1.02	1.38	1.72	1.72	1.72	9.85
1965	0.04	0.08	0.12	0.17	0.30	0.41	0.54	0.57	0.62	0.62	14.54
1966	0.15	0.17	0.20	0.31	0.47	0.62	0.79	0.96	1.07	1.07	14.43
1967	0.08	0.11	0.13	0.23	0.35	0.63	0.79	1.23	1.72	2.86	22.59
1968	0.38	0.51	0.55	0.57	0.62	0.94	0.94	1.07	1.07	1.07	7.70
1969	0.18	0.26	0.35	0.48	0.55	0.75	0.91	1.66	2.85	3.91	30.24
1970	0.21	0.29	0.34	0.45	0.63	0.65	0.78	1.02	1.33	1.95	10.03
1971	0.25	0.42	0.49	0.68	0.80	0.84	1.05	1.05	1.96	2.50	14.92
1972	0.05	0.08	0.12	0.18	0.28	0.50	0.64	1.21	1.78	1.78	8.95
1973	0.12	0.15	0.20	0.27	0.39	0.65	1.06	1.45	1.48	1.62	24.77

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
RBO 4204	0	IDRIA	2650	29	17S	12E	J	M	36.416	120.671	SAN BENITO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.13	0.19	0.24	0.33	0.46	0.65	0.84	1.14	1.46	1.80	15.29
5	0.19	0.27	0.33	0.47	0.64	0.92	1.17	1.59	2.04	2.52	19.95
10	0.22	0.32	0.39	0.55	0.76	1.09	1.39	1.88	2.42	2.99	22.63
20	0.26	0.37	0.45	0.63	0.87	1.24	1.59	2.16	2.77	3.42	24.99
25	0.27	0.38	0.47	0.66	0.90	1.29	1.65	2.24	2.88	3.56	25.70
40	0.27	0.39	0.48	0.67	0.92	1.31	1.68	2.28	2.93	3.62	27.13
50	0.30	0.43	0.52	0.73	1.00	1.44	1.84	2.50	3.21	3.96	27.79
100	0.33	0.47	0.58	0.81	1.10	1.58	2.03	2.75	3.52	4.35	29.75
200	0.36	0.51	0.63	0.88	1.20	1.72	2.20	2.99	3.83	4.74	31.60
1000	0.42	0.61	0.74	1.04	1.42	2.03	2.60	3.53	4.53	5.59	35.62
10000	0.51	0.73	0.90	1.25	1.71	2.46	3.15	4.27	5.49	6.78	40.90
PMP	1.02	1.48	1.81	2.53	3.46	4.96	6.36	8.62	11.07	13.67	94.04
MEAN	0.145	0.210	0.256	0.359	0.491	0.705	0.903	1.224	1.571	1.940	15.725
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.209	1.195	1.015	0.746	0.425	0.244	0.474	-0.220	0.654	0.765	0.942
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.501 ; INTERCEPT (TIME=1 HOUR) =0.507 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.03222 ; AVERAGE CALC CV / USED CV = 1.17

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	4.981	4.212	3.554	3.428	3.223	3.636	4.410	3.669	5.433	4.601	3.823
N	11	11	11	11	11	11	11	11	11	11	11
RECORD YEAR	1968	1968	1968	1971	1971	1964	1964	1964	1969	1969	1969
RECORD MAXIMUM	0.380	0.510	0.550	0.680	0.800	1.020	1.380	1.720	2.850	3.910	30.240
NORMILIZED MAX	2.256	2.075	1.914	1.928	1.885	1.753	2.057	1.452	2.207	2.129	2.011
CALC. COEF. VAR	0.715	0.688	0.599	0.464	0.334	0.255	0.257	0.279	0.369	0.477	0.459
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0092	0.0134	0.0163	0.0228	0.0312	0.0448	0.0574	0.0778	0.0999	0.1234	1.0000
RP10/A	0.0142	0.0206	0.0251	0.0352	0.0481	0.0690	0.0884	0.1199	0.1539	0.1900	1.4393
RP25/A	0.0169	0.0245	0.0299	0.0418	0.0572	0.0821	0.1052	0.1426	0.1831	0.2261	1.6342
RP50/A	0.0189	0.0273	0.0333	0.0466	0.0637	0.0915	0.1172	0.1589	0.2040	0.2519	1.7672
RP100/A	0.0208	0.0300	0.0366	0.0512	0.0700	0.1005	0.1288	0.1746	0.2242	0.2768	1.8917
RP1000/A	0.0267	0.0385	0.0470	0.0658	0.0900	0.1292	0.1655	0.2244	0.2880	0.3557	2.2652
RP10000/A	0.0323	0.0466	0.0569	0.0798	0.1090	0.1565	0.2005	0.2718	0.3489	0.4309	2.6007
PMP/A	0.0652	0.0941	0.1149	0.1609	0.2199	0.3156	0.4044	0.5482	0.7038	0.8691	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
D10 1170 0	BUENA VISTA	1640	27	13S	07E	R	M	36.767	121.183	SAN BENITO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1943	0.04	0.07	0.08	0.14	0.19	0.23	0.31	0.36	0.49	0.64	13.14
1944	0.07	0.12	0.16	0.19	0.26	0.35	0.40	0.50	0.98	1.19	14.40
1945	0.09	0.15	0.17	0.32	0.57	0.74	0.83	0.99	1.18	1.61	12.10
1946	0.06	0.12	0.17	0.25	0.29	0.50	0.71	1.11	1.52	1.57	11.17
1947	0.04	0.07	0.09	0.18	0.29	0.42	0.50	0.57	0.67	0.75	7.72
1948	0.10	0.13	0.14	0.18	0.31	0.46	0.48	0.53	0.73	0.97	12.01
1949	0.06	0.10	0.14	0.26	0.45	0.65	0.70	0.75	0.75	1.03	9.85
1950	0.30	0.35	0.40	0.47	0.68	0.80	0.88	1.33	1.94	2.68	17.00
1951	0.07	0.13	0.15	0.22	0.40	0.64	0.73	1.19	1.39	1.51	15.44
1952	0.17	0.28	0.35	0.38	0.39	0.46	0.57	0.78	1.05	1.42	17.44
1953	0.04	0.08	0.12	0.22	0.30	0.52	0.67	0.82	0.86	0.93	5.16
1954	0.11	0.20	0.25	0.40	0.50	0.68	0.72	0.89	1.20	1.31	12.43
1955	0.06	0.10	0.18	0.35	0.55	1.00	1.40	2.04	3.10	4.30	19.44
1956	0.08	0.13	0.19	0.30	0.25	0.48	0.54	0.80	1.40	1.45	9.71
1957	0.13	0.17	0.20	0.24	0.29	0.53	0.72	1.00	1.16	1.31	13.24
1958	0.08	0.15	0.22	0.32	0.57	0.63	0.68	0.73	1.04	1.26	18.01
1959	0.10	0.12	0.14	0.19	0.32	0.47	0.64	1.10	2.06	2.21	9.42
1960	0.11	0.13	0.15	0.18	0.29	0.47	0.64	0.73	0.81	1.37	11.65
1961	0.10	0.11	0.15	0.25	0.35	0.48	0.57	0.72	0.86	1.14	8.89
1962	0.17	0.22	0.27	0.31	0.36	0.70	0.76	1.36	1.64	1.86	14.81
1963	0.10	0.15	0.20	0.26	0.27	0.44	0.54	0.82	1.18	1.35	14.65
1964	0.09	0.13	0.15	0.19	0.27	0.52	0.63	0.94	1.25	1.45	14.21
1965	0.10	0.17	0.22	0.30	0.41	0.69	0.80	1.05	1.40	1.43	14.98
1966	0.16	0.30	0.37	0.47	0.49	0.65	0.78	1.10	1.75	2.53	10.99
1967	0.14	0.20	0.25	0.33	0.42	0.59	0.73	0.89	0.91	1.17	15.70
1968	0.13	0.16	0.20	0.28	0.39	0.55	0.59	0.64	0.69	1.10	10.64
1969	0.13	0.19	0.25	0.42	0.54	0.66	0.69	0.74	1.10	1.47	19.70
1970	0.06	0.09	0.17	0.24	0.39	0.53	0.61	0.67	0.91	1.53	16.71
1971	0.06	0.11	0.12	0.20	0.28	0.48	0.57	0.65	0.70	0.81	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
D10 1170 0	BUENA VISTA	1640	27	13S	07E	R	M	36.767	121.183	SAN BENITO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.10	0.15	0.19	0.27	0.37	0.55	0.65	0.87	1.16	1.45	12.94
5	0.14	0.20	0.25	0.37	0.51	0.75	0.89	1.18	1.59	1.99	16.82
10	0.16	0.23	0.29	0.42	0.58	0.86	1.02	1.36	1.83	2.29	19.02
20	0.17	0.26	0.33	0.47	0.65	0.96	1.14	1.52	2.04	2.55	20.93
25	0.18	0.27	0.34	0.49	0.67	0.99	1.18	1.56	2.10	2.63	21.50
40	0.19	0.28	0.36	0.52	0.71	1.05	1.25	1.66	2.23	2.79	22.65
50	0.19	0.29	0.37	0.53	0.73	1.08	1.28	1.70	2.29	2.86	23.17
100	0.21	0.31	0.39	0.57	0.78	1.16	1.37	1.83	2.46	3.07	24.73
200	0.22	0.33	0.42	0.61	0.83	1.23	1.46	1.95	2.62	3.27	26.20
1000	0.25	0.38	0.47	0.69	0.94	1.39	1.66	2.20	2.97	3.70	29.35
10000	0.29	0.44	0.55	0.79	1.09	1.61	1.91	2.54	3.41	4.26	33.44
PMP	0.72	1.08	1.35	1.95	2.69	3.96	4.71	6.27	8.43	10.53	79.15
MEAN	0.102	0.153	0.191	0.277	0.381	0.563	0.669	0.890	1.197	1.495	13.236
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.930	1.417	1.090	0.686	0.704	0.630	1.849	1.560	1.791	2.465	-0.124
REGIONAL SKEW	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
SKEW USED	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.477 ; INTERCEPT (TIME=1 HOUR) =0.386 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.02920 ; AVERAGE CALC CV / USED CV = 0.90

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	8.860	5.179	4.344	3.019	3.108	4.936	10.544	7.436	7.741	11.044	2.964
N	29	29	29	29	29	29	29	29	29	29	28
RECORD YEAR	1950	1950	1950	1950	1950	1955	1955	1955	1955	1955	1969
RECORD MAXIMUM	0.300	0.350	0.400	0.470	0.680	1.000	1.400	2.040	3.100	4.300	19.700
NORMILIZED MAX	3.723	2.943	2.774	2.167	2.482	2.929	3.871	3.515	3.563	3.935	1.819
CALC. COEF. VAR	0.524	0.439	0.393	0.321	0.315	0.265	0.283	0.368	0.446	0.477	0.269
BEGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0077	0.0115	0.0145	0.0209	0.0288	0.0425	0.0505	0.0672	0.0904	0.1129	1.0000
RP10/A	0.0118	0.0177	0.0221	0.0321	0.0441	0.0651	0.0773	0.1029	0.1384	0.1729	1.4371
RP25/A	0.0135	0.0203	0.0254	0.0368	0.0506	0.0747	0.0888	0.1181	0.1590	0.1985	1.6243
RP50/A	0.0147	0.0221	0.0276	0.0400	0.0551	0.0813	0.0965	0.1285	0.1728	0.2159	1.7508
RP100/A	0.0158	0.0237	0.0297	0.0430	0.0592	0.0873	0.1038	0.1381	0.1857	0.2320	1.8683
RP1000/A	0.0190	0.0286	0.0358	0.0519	0.0714	0.1053	0.1251	0.1665	0.2240	0.2798	2.2171
RP10000/A	0.0219	0.0329	0.0412	0.0597	0.0822	0.1213	0.1441	0.1917	0.2579	0.3222	2.5262
PMP/A	0.0541	0.0813	0.1019	0.1476	0.2030	0.2995	0.3559	0.4735	0.6371	0.7956	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
D10 3928 0	HERNANDEZ 7SE	2765	06	19S	12E		M	36.300	120.700	SAN BENITO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	0.21	0.34	0.46	0.78	1.13	1.85	2.75	3.50	******
1941	*****	*****	0.21	0.41	0.58	0.77	0.96	1.74	2.04	2.33	40.15
1942	*****	*****	0.30	0.39	0.53	0.77	1.01	1.93	2.35	2.69	18.71
1943	*****	*****	0.23	0.32	0.56	1.03	1.47	2.09	2.61	3.26	21.40
1944	*****	*****	0.11	0.21	0.33	0.52	0.59	1.01	1.44	2.60	20.61
1945	*****	*****	0.15	0.29	0.40	0.75	0.88	1.75	2.95	4.29	22.71
1946	*****	*****	0.22	0.35	0.45	0.75	0.94	1.68	2.16	2.66	14.75
1947	*****	*****	0.13	0.20	0.29	0.43	0.53	0.67	0.90	0.92	7.46
1948	*****	*****	0.14	0.25	0.48	0.81	1.02	1.72	2.68	3.65	13.10
1949	*****	*****	0.18	0.21	0.41	0.70	0.95	1.24	1.57	2.52	15.30
1950	*****	*****	0.32	0.51	0.68	0.82	0.84	1.11	1.64	1.89	21.06
1951	*****	*****	0.33	0.36	0.43	0.70	1.00	1.79	2.47	3.10	18.26
1952	*****	*****	0.18	0.26	0.45	0.74	1.07	1.46	1.65	2.20	26.79
1953	0.09	0.16	0.24	0.34	0.55	0.98	1.21	1.91	2.09	2.11	9.60
1954	0.07	0.09	0.12	0.18	0.33	0.60	0.89	1.30	2.13	2.43	19.21
1955	0.07	0.14	0.19	0.36	0.62	1.03	1.49	2.60	4.16	6.00	24.44
1956	0.07	0.13	0.15	0.28	0.44	0.56	0.65	1.22	1.65	1.85	11.12
1957	0.15	0.19	0.30	0.49	0.74	0.82	0.99	1.50	2.35	3.17	20.92
1958	0.10	0.15	0.20	0.31	0.41	0.76	1.01	1.64	2.41	3.07	29.85
1959	0.21	0.37	0.60	0.42	0.44	0.69	0.79	1.19	1.59	2.47	14.97
1960	0.26	0.28	0.29	0.32	0.40	0.68	0.99	1.70	2.27	2.30	18.45
1961	0.08	0.11	0.14	0.23	0.44	0.85	1.09	1.48	1.90	2.02	12.57
1962	0.08	0.13	0.18	0.31	0.56	0.95	1.15	1.59	2.55	3.31	19.07
1963	0.07	0.12	0.18	0.29	0.46	0.79	1.00	1.42	2.02	2.59	22.51
1964	0.22	0.31	0.33	0.33	0.34	0.53	0.62	0.79	1.23	1.49	15.38
1965	0.10	0.15	0.19	0.24	0.38	0.59	0.82	1.36	1.97	2.68	23.67
1966	0.13	0.17	0.20	0.36	0.63	1.07	1.45	2.39	3.66	5.50	15.96
1967	0.09	0.18	0.22	0.30	0.47	0.91	1.18	1.81	2.15	2.40	21.25
1968	0.05	0.08	0.14	0.20	0.27	0.53	0.66	0.84	0.98	1.01	14.40
1969	0.15	0.26	0.32	0.44	0.57	0.97	1.37	2.20	3.43	4.30	32.99
1970	0.17	0.27	0.34	0.51	0.74	0.78	0.82	1.03	1.64	2.10	21.27
1971	0.06	0.08	0.11	0.16	0.30	0.51	0.68	0.83	1.01	1.02	11.90
1972	0.03	0.04	0.05	0.07	0.14	0.24	0.35	0.59	0.75	0.75	13.07
1973	*****	*****	0.30	0.40	0.50	0.70	1.00	1.50	2.00	2.00	******
1974	*****	*****	0.50	0.50	0.60	1.10	1.50	2.00	2.60	3.70	20.50

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
D10 3928 0	HERNANDEZ 7SE	2765	06	19S	12E		M	36.300	120.700	SAN BENITO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.11	0.17	0.22	0.31	0.46	0.73	0.95	1.47	2.06	2.61	18.77
5	0.15	0.23	0.30	0.42	0.62	1.00	1.29	2.01	2.81	3.57	24.40
10	0.17	0.26	0.34	0.49	0.72	1.15	1.49	2.31	3.23	4.11	27.59
20	0.19	0.29	0.38	0.54	0.80	1.28	1.66	2.58	3.60	4.58	30.35
25	0.20	0.30	0.39	0.56	0.82	1.32	1.71	2.66	3.71	4.72	31.18
40	0.21	0.32	0.42	0.59	0.87	1.40	1.82	2.82	3.94	5.00	32.85
50	0.22	0.33	0.43	0.61	0.89	1.43	1.86	2.89	4.04	5.13	33.61
100	0.23	0.35	0.46	0.65	0.96	1.54	2.00	3.11	4.34	5.51	35.87
200	0.25	0.37	0.49	0.70	1.02	1.64	2.13	3.31	4.62	5.88	37.99
1000	0.28	0.42	0.55	0.79	1.16	1.86	2.41	3.75	5.23	6.65	42.56
10000	0.32	0.49	0.64	0.91	1.33	2.14	2.78	4.31	6.03	7.66	48.49
PMP	0.79	1.20	1.57	2.24	3.30	5.28	6.86	10.65	14.89	18.91	114.80
MEAN	0.112	0.170	0.223	0.318	0.468	0.749	0.974	1.512	2.113	2.685	19.197
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.054	0.817	0.801	0.011	0.027	-0.299	0.098	0.025	0.523	0.918	0.996
REGIONAL SKEW	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
SKEW USED	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.406 ; INTERCEPT (TIME=1 HOUR) =0.492 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.02564 ; AVERAGE CALC CV / USED CV = 0.93

KURTOSIS	3.678	3.455	3.974	3.068	3.387	3.465	3.152	2.932	3.838	4.673	5.035
N	20	20	35	35	35	35	35	35	35	35	33
RECORD YEAR	1960	1959	1974	1950	1957	1974	1974	1955	1955	1955	1941
RECORD MAXIMUM	0.260	0.370	0.500	0.510	0.740	1.100	1.500	2.600	4.160	6.000	40.150
NORMILIZED MAX	2.374	2.317	2.935	1.834	2.046	1.834	1.893	2.265	2.699	2.849	3.099
CALC. CDEF. VAR	0.552	0.505	0.424	0.328	0.284	0.256	0.285	0.317	0.359	0.433	0.352
REGN. CDEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED CDEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0059	0.0089	0.0116	0.0166	0.0244	0.0390	0.0508	0.0788	0.1101	0.1399	1.0000
RP10/A	0.0090	0.0136	0.0178	0.0254	0.0373	0.0597	0.0777	0.1206	0.1685	0.2141	1.4371
RP25/A	0.0103	0.0156	0.0204	0.0291	0.0429	0.0686	0.0892	0.1385	0.1935	0.2458	1.6243
RP50/A	0.0112	0.0170	0.0222	0.0317	0.0466	0.0746	0.0970	0.1506	0.2104	0.2673	1.7508
RP100/A	0.0120	0.0182	0.0238	0.0341	0.0501	0.0801	0.1042	0.1618	0.2261	0.2873	1.8683
RP1000/A	0.0145	0.0220	0.0288	0.0411	0.0604	0.0966	0.1257	0.1952	0.2727	0.3465	2.2171
RP10000/A	0.0167	0.0253	0.0331	0.0473	0.0695	0.1113	0.1448	0.2247	0.3140	0.3990	2.5262
PMP/A	0.0413	0.0626	0.0818	0.1168	0.1718	0.2748	0.3576	0.5550	0.7754	0.9853	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
010 4025 0	HOLLISTER	284	10	12S	05E		M	36.850	121.400	SAN BENITO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.11	0.17	0.21	0.28	0.48	0.55	0.63	0.91	1.32	1.83	19.97
1941	0.16	0.18	0.20	0.27	0.39	0.59	0.69	0.99	1.25	1.42	22.29
1942	0.11	0.12	0.13	0.19	0.32	0.55	0.70	0.83	0.95	1.20	13.18
1943	0.06	0.09	0.13	0.23	0.32	0.47	0.55	0.88	1.13	1.76	12.60
1944	0.09	0.11	0.11	0.12	0.19	0.26	0.36	0.55	0.80	0.92	13.39
1945	0.21	0.25	0.32	0.45	0.47	0.55	0.58	0.81	1.31	2.00	13.71
1946	0.18	0.25	0.26	0.32	0.44	0.83	1.20	1.84	2.53	2.78	11.74
1947	0.15	0.16	0.19	0.21	0.28	0.38	0.42	0.56	0.63	0.63	6.77
1948	0.07	0.10	0.14	0.26	0.37	0.70	0.72	0.85	1.13	1.39	11.90
1949	0.04	0.07	0.10	0.20	0.37	0.50	0.59	0.69	0.73	0.79	8.77
1950	0.15	0.23	0.26	0.31	0.40	0.58	0.69	0.80	1.00	1.90	16.83
1951	0.06	0.10	0.13	0.20	0.30	0.58	0.64	1.15	1.49	1.60	12.07
1952	0.12	0.20	0.21	0.22	0.28	0.46	0.60	0.90	0.97	1.08	14.28
1953	0.05	0.09	0.13	0.24	0.36	0.56	0.72	0.85	0.85	0.85	5.18
1954	0.14	0.20	0.23	0.30	0.33	0.53	0.60	0.98	1.27	1.30	11.63
1955	0.11	0.18	0.24	0.36	0.58	0.99	1.33	1.81	2.79	3.84	18.84
1956	0.09	0.14	0.15	0.16	0.23	0.42	0.48	0.63	0.82	0.89	8.27
1957	0.17	0.20	0.21	0.28	0.44	0.58	0.74	0.86	1.09	1.24	12.38
1958	0.07	0.11	0.14	0.24	0.39	0.50	0.57	0.88	1.30	1.91	16.33
1959	0.10	0.16	0.24	0.30	0.47	0.69	1.08	1.92	2.79	3.30	10.99
1960	0.26	0.41	0.51	0.78	1.30	1.30	1.30	1.30	1.30	1.61	11.36
1961	0.16	0.26	0.34	0.52	0.89	1.32	1.33	1.51	1.62	2.01	9.30
1962	0.10	0.15	0.19	0.20	0.35	0.50	0.75	0.98	1.47	1.73	12.87
1963	0.10	0.12	0.15	0.30	0.51	0.87	1.02	1.24	1.55	2.76	15.52
1964	0.08	0.11	0.14	0.24	0.44	0.63	0.80	0.85	1.24	1.64	13.29
1965	0.13	0.20	0.27	0.40	0.68	0.68	0.68	1.05	1.30	2.00	14.02
1966	*****	*****	*****	*****	0.30	0.50	0.70	1.10	1.60	2.20	8.73
1967	*****	*****	*****	*****	0.40	0.70	0.90	1.10	1.20	1.40	15.70
1968	0.10	0.16	0.24	0.36	0.50	0.75	0.50	0.60	1.00	1.20	10.90
1969	*****	*****	*****	*****	0.40	0.70	0.70	0.70	1.30	1.60	18.70
1970	*****	*****	*****	*****	0.40	0.50	0.60	0.80	1.30	1.30	15.80
1971	*****	*****	*****	*****	0.30	0.50	0.60	0.80	0.90	0.90	9.20
1972	*****	*****	*****	*****	0.50	0.60	0.90	1.60	1.70	1.90	10.50
1973	*****	*****	0.20	0.30	0.30	0.50	0.60	0.80	1.10	1.20	19.70
1974	*****	*****	0.20	0.30	0.30	0.60	0.70	1.00	1.10	1.30	11.80

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
010 4025 0	HOLLISTER	284	10	12S	05E		M	36.850	121.400	SAN BENITO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.11	0.16	0.20	0.29	0.42	0.61	0.72	0.98	1.27	1.60	12.81
5	0.16	0.22	0.27	0.39	0.57	0.83	0.99	1.33	1.74	2.18	16.65
10	0.18	0.26	0.32	0.45	0.66	0.96	1.14	1.54	2.00	2.51	18.83
20	0.20	0.29	0.35	0.50	0.73	1.07	1.27	1.71	2.23	2.80	20.71
25	0.21	0.29	0.36	0.52	0.75	1.10	1.30	1.76	2.30	2.88	21.28
40	0.22	0.31	0.38	0.55	0.80	1.17	1.38	1.87	2.44	3.05	22.42
50	0.22	0.32	0.39	0.56	0.82	1.20	1.42	1.92	2.50	3.13	22.94
100	0.24	0.34	0.42	0.60	0.88	1.29	1.52	2.06	2.69	3.37	24.48
200	0.26	0.37	0.45	0.64	0.94	1.37	1.62	2.20	2.87	3.59	25.93
1000	0.29	0.41	0.51	0.73	1.06	1.55	1.84	2.49	3.24	4.06	29.04
10000	0.33	0.48	0.59	0.84	1.22	1.79	2.12	2.86	3.74	4.68	33.09
PMP	0.83	1.18	1.45	2.07	3.02	4.41	5.23	7.07	9.22	11.55	78.34
MEAN	0.117	0.167	0.206	0.294	0.428	0.626	0.742	1.003	1.309	1.639	13.100
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.885	1.466	1.750	2.257	2.878	1.800	1.198	1.297	1.781	1.317	0.376
REGIONAL SKEW	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
SKEW USED	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.479 ; INTERCEPT (TIME=1 HOUR) =0.426 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.03253 ; AVERAGE CALC CV / USED CV = 1.01

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.183	6.682	7.901	10.239	13.518	7.078	4.025	4.303	6.554	5.321	3.224
N	27	27	29	29	35	35	35	35	35	35	35
RECORD YEAR	1960	1960	1960	1960	1960	1961	1955	1959	1955	1955	1941
RECORD MAXIMUM	0.260	0.410	0.510	0.780	1.300	1.320	1.330	1.920	2.790	3.840	22.290
NORMILIZED MAX	2.790	3.358	3.590	3.848	4.357	3.151	2.371	2.590	2.934	3.140	2.377
CALC. COEF. VAR	0.435	0.432	0.411	0.428	0.468	0.352	0.334	0.353	0.385	0.427	0.295
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0090	0.0128	0.0157	0.0225	0.0327	0.0478	0.0566	0.0766	0.1000	0.1251	1.0000
RP10/A	0.0137	0.0196	0.0241	0.0344	0.0500	0.0732	0.0867	0.1172	0.1530	0.1916	1.4371
RP25/A	0.0158	0.0225	0.0276	0.0395	0.0574	0.0840	0.0996	0.1346	0.1757	0.2200	1.6243
RP50/A	0.0171	0.0244	0.0300	0.0430	0.0624	0.0914	0.1083	0.1464	0.1910	0.2392	1.7508
RP100/A	0.0184	0.0262	0.0323	0.0462	0.0671	0.0982	0.1163	0.1573	0.2053	0.2570	1.8683
RP1000/A	0.0222	0.0317	0.0389	0.0557	0.0809	0.1184	0.1403	0.1898	0.2476	0.3100	2.2171
RP10000/A	0.0256	0.0365	0.0448	0.0641	0.0932	0.1364	0.1616	0.2185	0.2851	0.3570	2.5262
PMP/A	0.0631	0.0900	0.1107	0.1584	0.2302	0.3368	0.3990	0.5396	0.7042	0.8816	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
010 771 0	SAN BENITO	1355	27	16S	08E	H	M	36.508	121.082	SAN BENITO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	0.17	0.28	0.41	0.65	0.80	1.11	1.28	1.67	19.83
1941	*****	*****	0.30	0.41	0.82	1.11	1.21	1.47	1.63	1.82	27.45
1942	*****	*****	0.21	0.30	0.60	0.67	0.88	1.31	1.40	1.40	9.97
1943	*****	*****	0.22	0.28	0.40	0.51	0.69	1.22	1.58	2.16	12.25
1944	*****	*****	0.15	0.17	0.26	0.49	0.61	0.95	1.54	1.89	18.74
1945	*****	*****	0.30	0.48	0.72	1.06	1.27	1.76	2.20	2.31	14.24
1946	*****	*****	0.22	0.35	0.38	0.61	0.80	1.27	1.58	1.58	10.10
1947	*****	*****	0.08	0.11	0.19	0.34	0.50	0.72	0.74	0.78	4.54
1948	*****	*****	0.25	0.28	0.30	0.33	0.44	0.70	0.90	1.07	10.72
1949	*****	*****	0.15	0.17	0.29	0.53	0.74	1.04	1.76	2.13	9.70
1950	*****	*****	0.21	0.24	0.41	0.71	0.85	0.88	1.11	1.55	13.18
1951	*****	*****	0.14	0.21	0.30	0.59	0.70	0.78	1.20	1.20	12.14
1952	*****	*****	0.28	0.37	0.60	0.85	0.95	1.20	2.01	2.46	20.97
1953	*****	*****	0.14	0.25	0.42	0.65	0.75	1.06	1.06	1.09	4.85
1954	*****	*****	0.24	0.29	0.45	0.50	0.74	1.13	1.41	1.41	11.75
1955	*****	*****	0.15	0.25	0.45	0.73	0.97	1.44	2.47	3.45	17.88
1956	*****	*****	0.46	0.49	0.50	0.56	0.58	1.16	1.16	1.16	7.74
1957	*****	*****	0.20	0.29	0.46	0.79	0.85	1.49	1.80	1.95	15.60
1958	*****	*****	0.20	0.32	0.37	0.63	0.80	1.03	1.16	1.79	20.10
1959	*****	*****	0.16	0.22	0.35	0.55	0.56	0.78	1.17	1.53	8.62
1960	*****	*****	0.13	0.20	0.31	0.41	0.55	0.83	1.18	1.24	12.45
1961	*****	*****	0.15	0.29	0.34	0.64	0.85	1.09	1.45	1.71	10.22
1962	*****	*****	0.19	0.28	0.39	0.69	0.82	1.48	2.10	2.82	13.15
1963	*****	*****	0.12	0.15	0.28	0.47	0.66	1.14	1.57	2.04	14.93
1964	*****	*****	0.11	0.19	0.35	0.66	0.84	1.31	1.68	1.78	12.91
1965	*****	*****	0.15	0.26	0.36	0.62	0.68	1.02	1.31	1.51	14.69
1966	*****	*****	0.25	0.26	0.34	0.54	0.73	0.91	1.06	1.80	8.54
1967	*****	*****	0.27	0.32	0.55	0.74	0.87	1.33	1.46	1.65	13.23
1968	*****	*****	0.10	0.15	0.27	0.40	0.54	0.91	0.98	1.18	9.33
1969	*****	*****	0.13	0.18	0.35	0.56	0.67	1.08	1.51	1.86	19.56
1970	*****	*****	0.20	0.30	0.45	0.76	0.98	1.40	2.53	3.06	16.13
1971	*****	*****	0.10	0.16	0.28	0.56	0.64	0.73	1.19	1.55	8.58
1972	*****	*****	0.31	0.37	0.49	0.73	0.79	1.07	1.48	1.73	9.59
1973	*****	*****	*****	*****	0.38	0.58	0.80	1.32	1.85	2.11	21.69
1974	*****	*****	*****	*****	0.35	0.54	0.62	0.77	1.12	1.92	14.09

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
010 771 0	SAN BENITO	1355	27	16S	08E	H	M	36.508	121.082	SAN BENITO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS M=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.19	0.26	0.39	0.60	0.74	1.08	1.44	1.73	13.12
5	0.0	0.0	0.26	0.36	0.53	0.82	1.01	1.48	1.96	2.37	17.05
10	0.0	0.0	0.30	0.41	0.61	0.95	1.17	1.70	2.26	2.73	19.28
20	0.0	0.0	0.33	0.46	0.68	1.06	1.30	1.89	2.52	3.04	21.21
25	0.0	0.0	0.34	0.47	0.70	1.09	1.34	1.95	2.59	3.13	21.79
40	0.0	0.0	0.36	0.50	0.74	1.16	1.42	2.07	2.75	3.32	22.95
50	0.0	0.0	0.37	0.51	0.76	1.19	1.46	2.12	2.82	3.41	23.48
100	0.0	0.0	0.40	0.55	0.82	1.27	1.57	2.28	3.03	3.66	25.06
200	0.0	0.0	0.43	0.59	0.87	1.36	1.67	2.43	3.23	3.90	26.55
1000	0.0	0.0	0.48	0.67	0.99	1.54	1.89	2.75	3.65	4.41	29.74
10000	0.0	0.0	0.56	0.77	1.14	1.77	2.18	3.17	4.21	5.08	33.88
PMP	0.0	0.0	1.37	1.89	2.81	4.37	5.38	7.83	10.39	12.55	80.21
MEAN	0.0	0.0	0.195	0.269	0.399	0.621	0.764	1.111	1.475	1.782	13.413
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.235	0.615	1.540	0.985	0.820	0.302	0.804	1.019	0.658
REGIONAL SKEW	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
SKEW USED	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.439 ; INTERCEPT (TIME=1 HOUR) =0.411 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.03061 ; AVERAGE CALC CV / USED CV = 0.77

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	5.634	3.614	6.427	5.117	4.551	2.840	3.615	4.791	3.667
N	0	0	33	33	35	35	35	35	35	35	35
RECORD YEAR	0	0	1956	1956	1941	1941	1945	1945	1970	1955	1941
RECORD MAXIMUM	0.0	0.0	0.460	0.490	0.820	1.110	1.270	1.760	2.530	3.450	27.450
NORMALIZED MAX	0.0	0.0	3.360	2.451	3.336	2.920	2.834	2.490	2.497	2.972	2.793
CALC. COEF. VAR	0.0	0.0	0.404	0.336	0.316	0.270	0.234	0.235	0.286	0.315	0.375
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0145	0.0200	0.0298	0.0463	0.0569	0.0828	0.1100	0.1328	1.0000
RP10/A	0.0	0.0	0.0223	0.0307	0.0455	0.0708	0.0872	0.1268	0.1683	0.2033	1.4371
RP25/A	0.0	0.0	0.0256	0.0352	0.0523	0.0813	0.1001	0.1456	0.1933	0.2335	1.6243
RP50/A	0.0	0.0	0.0278	0.0383	0.0569	0.0884	0.1088	0.1583	0.2102	0.2539	1.7508
RP100/A	0.0	0.0	0.0299	0.0412	0.0611	0.0950	0.1170	0.1702	0.2259	0.2728	1.8683
RP1000/A	0.0	0.0	0.0360	0.0496	0.0737	0.1146	0.1411	0.2052	0.2725	0.3291	2.2171
RP10000/A	0.0	0.0	0.0415	0.0572	0.0849	0.1320	0.1624	0.2363	0.3137	0.3789	2.5262
PMP/A	0.0	0.0	0.1025	0.1412	0.2096	0.3259	0.4011	0.5836	0.7748	0.9358	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LDT	BMM	LATITUDE	LONGITUDE	COUNTY
D10 7834 0	SAN JUAN BAUTISTA 3 SSE	615	10	13S	04E		M	36.817	121.517	SAN BENITO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1944	0.07	0.12	0.15	0.25	0.39	0.48	0.63	0.75	1.23	1.47	18.46
1945	0.10	0.16	0.19	0.28	0.39	0.63	0.78	0.91	1.35	2.58	15.64
1946	0.11	0.22	0.30	0.49	0.84	1.46	1.92	3.07	3.78	4.06	13.55
1947	0.05	0.07	0.09	0.11	0.20	0.28	0.37	0.49	0.60	0.77	7.60
1948	0.15	0.16	0.19	0.27	0.36	0.49	0.61	0.92	1.08	1.80	16.05
1949	0.11	0.15	0.16	0.22	0.27	0.37	0.52	0.66	1.17	1.84	12.04
1950	0.15	0.20	0.25	0.29	0.56	0.73	0.90	1.71	2.43	4.17	27.31
1951	0.07	0.12	0.18	0.34	0.55	1.03	1.19	1.94	2.25	2.44	19.66
1952	0.07	0.13	0.20	0.33	0.52	0.76	0.95	1.39	1.66	1.88	26.08
1953	0.09	0.12	0.18	0.32	0.52	0.86	1.13	1.34	1.35	1.41	9.91
1954	0.21	0.30	0.36	0.40	0.49	0.62	0.90	1.13	1.53	1.75	15.37
1955	0.15	0.24	0.30	0.44	0.62	1.18	1.70	2.41	3.81	5.80	27.17
1956	0.12	0.21	0.23	0.39	0.54	0.75	0.95	1.32	1.48	1.79	14.68
1957	0.15	0.24	0.28	0.41	0.41	0.75	0.78	0.96	1.57	1.60	18.33
1958	0.11	0.17	0.20	0.30	0.41	0.69	0.95	1.20	1.99	2.82	23.56
1959	0.10	0.12	0.18	0.31	0.51	0.93	1.30	2.42	3.41	4.00	17.00
1960	0.05	0.10	0.13	0.26	0.34	0.68	0.77	1.13	1.45	1.55	14.44
1961	0.15	0.17	0.19	0.23	0.32	0.54	0.64	0.78	0.93	1.31	10.63
1962	0.10	0.14	0.20	0.26	0.54	0.90	1.13	1.49	1.68	1.68	16.30
1963	0.15	0.18	0.26	0.51	0.67	1.18	1.28	1.57	2.05	3.56	21.54
1964	0.12	0.13	0.21	0.31	0.49	0.66	0.85	0.92	1.21	1.91	18.48
1965	0.14	0.17	0.19	0.24	0.43	0.70	0.95	1.30	1.52	1.60	17.97
1966	0.14	0.17	0.19	0.24	0.43	0.71	0.76	1.20	1.81	2.37	11.58
1967	0.16	0.19	0.21	0.28	0.44	0.78	0.93	1.24	1.46	1.85	21.99
1968	0.23	0.27	0.28	0.30	0.46	0.66	0.78	0.84	1.33	1.60	15.77
1969	0.25	0.32	0.35	0.40	0.52	0.64	0.88	1.34	1.72	2.22	25.22
1970	0.17	0.26	0.36	0.47	0.66	0.77	0.90	1.16	1.61	2.06	21.43
1971	0.10	0.12	0.13	0.17	0.24	0.44	0.48	0.81	0.85	1.45	12.76
1972	0.18	0.25	0.34	0.39	0.66	0.80	1.05	1.86	1.91	1.94	14.26
1973	*****	*****	*****	*****	0.28	0.48	0.67	1.03	1.15	1.33	******
1974	*****	*****	*****	*****	0.38	0.60	0.82	1.25	1.58	1.68	16.04

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LDT	BMM	LATITUDE	LONGITUDE	COUNTY
D10 7834 0	SAN JUAN BAUTISTA 3 SSE	615	10	13S	04E		M	36.817	121.517	SAN BENITO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.17	0.22	0.31	0.45	0.71	0.89	1.28	1.66	2.14	16.98
5	0.17	0.24	0.30	0.42	0.62	0.97	1.22	1.74	2.27	2.93	22.07
10	0.20	0.27	0.34	0.49	0.71	1.11	1.40	2.01	2.61	3.37	24.95
20	0.22	0.31	0.38	0.54	0.79	1.24	1.56	2.24	2.91	3.76	27.45
25	0.23	0.32	0.39	0.56	0.82	1.28	1.61	2.30	3.00	3.87	28.20
40	0.24	0.33	0.42	0.59	0.87	1.36	1.71	2.44	3.18	4.10	29.71
50	0.25	0.34	0.43	0.61	0.89	1.39	1.75	2.51	3.26	4.21	30.39
100	0.27	0.37	0.46	0.65	0.96	1.49	1.88	2.69	3.51	4.52	32.43
200	0.28	0.39	0.49	0.70	1.02	1.59	2.00	2.87	3.74	4.82	34.36
1000	0.32	0.44	0.55	0.79	1.15	1.80	2.27	3.25	4.23	5.46	38.49
10000	0.37	0.51	0.64	0.91	1.33	2.07	2.61	3.74	4.87	6.28	43.85
PMP	0.91	1.26	1.57	2.24	3.28	5.12	6.45	9.24	12.03	15.51	103.81
MEAN	0.129	0.179	0.223	0.318	0.466	0.727	0.916	1.311	1.708	2.202	17.360
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.563	0.559	0.530	0.212	0.382	0.971	1.292	1.410	1.631	1.801	0.360
REGIONAL SKEW	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
SKEW USED	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.450 ; INTERCEPT (TIME=1 HOUR) =0.485 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.02792 ; AVERAGE CALC CV / USED CV = 0.83

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.499	2.918	2.889	3.134	3.680	4.911	5.754	5.515	5.818	6.511	2.817
N	29	29	29	29	31	31	31	31	31	31	30
RECORD YEAR	1969	1969	1954	1963	1946	1946	1946	1946	1955	1955	1950
RECORD MAXIMUM	0.250	0.320	0.360	0.510	0.840	1.460	1.920	3.070	3.810	5.800	27.310
NORMILIZED MAX	2.439	2.257	1.919	2.036	2.666	2.973	3.093	3.136	2.759	3.371	1.933
CALC. COEF. VAR	0.383	0.348	0.321	0.298	0.301	0.339	0.354	0.428	0.446	0.485	0.297
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0074	0.0103	0.0128	0.0183	0.0268	0.0419	0.0528	0.0755	0.0984	0.1269	1.0000
RP10/A	0.0114	0.0158	0.0196	0.0280	0.0411	0.0641	0.0808	0.1156	0.1506	0.1942	1.4371
RP25/A	0.0131	0.0182	0.0226	0.0322	0.0472	0.0737	0.0928	0.1327	0.1730	0.2230	1.6243
RP50/A	0.0142	0.0197	0.0245	0.0350	0.0513	0.0801	0.1009	0.1443	0.1881	0.2425	1.7508
RP100/A	0.0153	0.0212	0.0264	0.0376	0.0551	0.0861	0.1084	0.1551	0.2021	0.2606	1.8683
RP1000/A	0.0185	0.0256	0.0318	0.0453	0.0665	0.1038	0.1307	0.1871	0.2438	0.3143	2.2171
RP10000/A	0.0212	0.0295	0.0366	0.0522	0.0765	0.1195	0.1505	0.2154	0.2807	0.3619	2.5262
PMP/A	0.0525	0.0728	0.0904	0.1289	0.1890	0.2952	0.3718	0.5320	0.6932	0.8937	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
010 9189 0	UPPER TRES PINOS	2050	07	15S	09E		M	36.633	121.033	SAN BENITO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	0.11	0.18	0.35	0.60	0.80	1.18	2.13	2.53	17.07
1941	*****	*****	0.23	0.35	0.53	0.80	0.94	1.44	1.67	1.70	29.63
1942	*****	*****	0.16	0.27	0.46	0.80	0.97	1.27	1.39	1.41	10.61
1943	*****	*****	0.28	0.32	0.42	0.73	0.91	1.31	1.60	2.03	12.06
1944	*****	*****	0.11	0.16	0.26	0.46	0.59	0.89	1.30	1.48	16.94
1945	0.07	0.12	0.18	0.24	0.46	0.76	0.91	1.49	2.01	2.54	15.33
1946	0.12	0.17	0.22	0.28	0.43	0.49	0.78	1.21	1.55	1.57	11.36
1947	0.04	0.07	0.11	0.18	0.27	0.39	0.61	0.87	0.88	0.89	5.37
1948	0.19	0.21	0.23	0.30	0.34	0.38	0.38	0.59	0.72	1.14	10.92
1949	0.07	0.07	0.09	0.17	0.28	0.54	0.75	1.12	1.86	2.34	11.11
1950	0.18	0.25	0.31	0.40	0.49	0.64	0.70	1.07	1.20	1.33	14.23
1951	0.15	0.16	0.17	0.25	0.41	0.65	0.82	1.12	1.49	2.23	14.93
1952	0.12	0.15	0.18	0.27	0.47	0.86	1.20	1.74	2.45	2.70	24.17
1953	0.06	0.09	0.12	0.16	0.22	0.29	0.36	0.72	0.78	1.55	6.05
1954	0.05	0.10	0.11	0.17	0.24	0.35	0.50	0.90	1.55	1.60	12.51
1955	0.05	0.09	0.12	0.21	0.40	0.67	0.79	1.44	2.60	4.07	18.36
1956	0.07	0.08	0.12	0.15	0.20	0.34	0.40	0.55	0.79	0.98	7.81
1957	0.05	0.08	0.12	0.24	0.37	0.60	0.71	1.21	1.78	2.33	15.10
1958	0.05	0.09	0.14	0.22	0.32	0.49	0.55	0.85	1.00	1.25	20.00
1959	0.05	0.09	0.11	0.19	0.35	0.60	0.66	1.14	1.93	2.20	8.99
1960	0.07	0.08	0.06	0.13	0.21	0.42	0.49	0.77	1.07	1.25	13.77
1961	0.05	0.09	0.12	0.23	0.27	0.48	0.69	0.97	1.32	1.81	10.13
1962	0.06	0.11	0.16	0.29	0.43	0.76	0.93	1.59	2.41	2.97	14.56
1963	0.06	0.11	0.16	0.22	0.40	0.63	0.80	1.05	1.43	1.49	13.23
1964	0.07	0.11	0.15	0.24	0.29	0.56	0.74	1.05	1.37	1.44	14.31
1965	0.10	0.12	0.15	0.22	0.41	0.54	0.77	1.20	1.82	1.82	17.06
1966	0.14	0.18	0.21	0.22	0.29	0.50	0.73	1.03	1.12	1.80	8.90
1967	0.07	0.12	0.21	0.26	0.43	0.71	1.01	1.54	1.98	2.26	15.12
1968	0.05	0.10	0.10	0.15	0.26	0.40	0.51	0.73	0.75	1.08	9.40
1969	0.15	0.17	0.19	0.25	0.41	0.57	0.60	1.45	2.16	2.60	20.44
1970	0.17	0.24	0.27	0.48	0.55	0.63	0.93	1.55	2.79	3.74	17.60
1971	0.05	0.08	0.13	0.19	0.35	0.58	0.70	0.91	1.13	1.60	10.59
1972	0.09	0.14	0.20	0.31	0.48	0.64	0.96	1.21	1.30	1.36	8.43
1973	*****	*****	*****	*****	0.39	0.64	0.96	1.46	2.00	2.09	20.29
1974	*****	*****	*****	*****	0.21	0.38	0.55	0.81	0.96	1.03	13.68

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
010 9189 0	UPPER TRES PINOS	2050	07	15S	09E		M	36.633	121.033	SAN BENITO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.09	0.12	0.16	0.23	0.35	0.55	0.72	1.10	1.51	1.84	13.69
5	0.12	0.17	0.22	0.32	0.48	0.75	0.98	1.50	2.06	2.51	17.80
10	0.13	0.19	0.25	0.37	0.55	0.87	1.13	1.72	2.37	2.90	20.12
20	0.15	0.21	0.28	0.41	0.62	0.97	1.26	1.92	2.66	3.23	22.14
25	0.15	0.22	0.28	0.42	0.64	1.00	1.30	1.98	2.73	3.33	22.74
40	0.16	0.23	0.30	0.45	0.67	1.06	1.38	2.10	2.89	3.52	23.96
50	0.17	0.24	0.31	0.46	0.69	1.08	1.41	2.15	2.96	3.62	24.51
100	0.18	0.26	0.33	0.49	0.74	1.17	1.52	2.31	3.19	3.89	26.16
200	0.19	0.27	0.35	0.53	0.79	1.24	1.62	2.47	3.39	4.14	27.71
1000	0.22	0.31	0.40	0.60	0.90	1.41	1.83	2.79	3.84	4.69	31.04
10000	0.25	0.35	0.46	0.69	1.03	1.62	2.11	3.21	4.42	5.40	35.37
PMP	0.62	0.88	1.14	1.70	2.55	4.00	5.21	7.94	10.93	13.33	83.73
MEAN	0.087	0.124	0.162	0.241	0.361	0.567	0.740	1.127	1.551	1.892	14.002
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.051	1.178	0.916	1.137	-0.021	-0.030	-0.078	0.042	0.395	1.157	0.875
REGIONAL SKEW	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
SKEW USED	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.401 ; INTERCEPT (TIME=1 HOUR) =0.372 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.0265R ; AVERAGE CALC CV / USED CV = 0.84

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.012	3.890	3.364	5.072	2.255	2.435	2.925	2.492	2.628	4.634	4.606
N	28	28	33	33	35	35	35	35	35	35	35
RECORD YEAR	1948	1950	1950	1970	1970	1952	1952	1952	1970	1955	1941
RECORD MAXIMUM	0.190	0.250	0.310	0.480	0.550	0.840	1.200	1.740	2.780	4.070	29.630
NORMILIZED MAX	2.244	2.515	2.578	3.149	1.951	1.883	2.340	2.036	2.220	2.950	3.074
CALC. COEF. VAR	0.522	0.402	0.355	0.315	0.267	0.255	0.266	0.267	0.357	0.390	0.363
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0062	0.0089	0.0116	0.0172	0.0258	0.0405	0.0529	0.0805	0.1108	0.1351	1.0000
RP10/A	0.0096	0.0136	0.0177	0.0263	0.0395	0.0620	0.0809	0.1232	0.1695	0.2068	1.4371
RP25/A	0.0110	0.0156	0.0203	0.0302	0.0454	0.0712	0.0929	0.1414	0.1947	0.2375	1.6243
RP50/A	0.0119	0.0170	0.0221	0.0329	0.0493	0.0775	0.1010	0.1538	0.2117	0.2582	1.7508
RP100/A	0.0128	0.0182	0.0237	0.0353	0.0530	0.0832	0.1086	0.1653	0.2275	0.2775	1.8683
RP1000/A	0.0155	0.0220	0.0286	0.0426	0.0640	0.1004	0.1309	0.1993	0.2744	0.3347	2.2171
RP10000/A	0.0178	0.0253	0.0330	0.0491	0.0736	0.1156	0.1508	0.2295	0.3160	0.3854	2.5262
PMP/A	0.0440	0.0625	0.0814	0.1212	0.1819	0.2855	0.3723	0.5668	0.7803	0.9518	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
D20 3502 0	GONZALIS 9ENE	2350	14	16S	06E	M	M	36.533	121.283	SAN BENITO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
	DURATION										
1944	0.11	0.14	0.18	0.25	0.41	0.52	0.58	0.75	1.16	1.53	17.55
1945	0.12	0.20	0.24	0.30	0.39	0.62	0.71	0.95	1.40	1.51	15.26
1946	0.10	0.15	0.20	0.28	0.32	0.38	0.43	0.82	0.95	1.35	11.93
1947	0.05	0.08	0.11	0.18	0.23	0.35	0.36	0.71	0.76	0.86	7.47
1948	0.05	0.07	0.10	0.19	0.32	0.37	0.40	0.58	0.77	0.98	14.08
1949	0.06	0.11	0.13	0.17	0.29	0.39	0.55	0.74	0.99	1.27	14.40
1950	0.10	0.16	0.20	0.26	0.37	0.55	0.74	0.90	1.15	1.53	15.29
1951	0.13	0.18	0.22	0.24	0.34	0.43	0.60	0.93	1.16	1.35	15.22
1952	0.21	0.28	0.30	0.34	0.46	0.76	0.96	1.14	1.65	1.90	19.62
1953	0.07	0.13	0.19	0.25	0.43	0.76	0.96	1.17	1.28	1.32	7.78
1954	0.22	0.40	0.60	0.70	0.81	0.88	0.95	1.16	1.23	1.37	13.52
1955	0.04	0.07	0.10	0.20	0.36	0.63	0.75	1.45	2.54	3.69	20.50
1956	0.05	0.09	0.12	0.19	0.28	0.44	0.54	0.76	1.20	1.35	9.09
1957	0.07	0.10	0.14	0.27	0.28	0.46	0.60	0.91	1.20	1.39	15.98
1958	0.11	0.19	0.25	0.30	0.45	0.57	0.63	0.74	1.05	1.40	19.91
1959	0.04	0.07	0.10	0.17	0.33	0.50	0.58	0.92	1.38	1.77	9.60
1960	0.11	0.19	0.24	0.30	0.40	0.50	0.53	0.55	0.74	0.87	11.34
1961	0.07	0.10	0.13	0.18	0.28	0.40	0.48	0.59	1.02	1.26	8.92
1962	0.08	0.14	0.21	0.27	0.40	0.56	0.67	0.94	1.48	2.20	13.66
1963	0.05	0.09	0.12	0.17	0.29	0.45	0.59	0.96	1.29	1.32	14.28
1964	0.15	0.17	0.21	0.24	0.30	0.55	0.68	1.15	1.70	2.28	18.22
1965	0.11	0.14	0.18	0.21	0.34	0.59	0.78	0.99	1.35	1.57	15.90
1966	0.08	0.13	0.19	0.22	0.25	0.30	0.40	0.65	0.95	1.58	8.27
1967	0.06	0.11	0.13	0.25	0.32	0.58	0.75	1.01	1.07	1.32	15.06
1968	0.04	0.07	0.09	0.18	0.32	0.45	0.54	0.65	0.75	1.08	10.21
1969	0.36	0.42	0.44	0.50	0.51	0.51	0.52	0.79	1.15	1.55	19.59
1970	0.10	0.15	0.18	0.31	0.43	0.57	0.80	1.30	1.89	3.03	18.52
1971	0.13	0.18	0.22	0.28	0.42	0.74	0.85	0.97	1.25	1.72	10.97
1972	0.07	0.14	0.20	0.35	0.52	0.66	0.75	0.84	1.16	1.89	12.29
1973	*****	*****	*****	*****	0.46	0.50	0.54	0.81	0.90	1.09	24.07
1974	*****	*****	*****	*****	0.33	0.56	0.78	1.14	1.56	1.83	17.84

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
D20 3502 0	GONZALIS 9ENE	2350	14	16S	06E	M	M	36.533	121.283	SAN BENITO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.10	0.15	0.19	0.26	0.37	0.52	0.63	0.88	1.20	1.54	14.08
5	0.13	0.20	0.26	0.36	0.50	0.71	0.86	1.20	1.63	2.11	18.30
10	0.16	0.23	0.30	0.41	0.57	0.82	0.99	1.38	1.88	2.42	20.70
20	0.17	0.26	0.34	0.46	0.64	0.91	1.10	1.54	2.10	2.70	22.77
25	0.18	0.27	0.35	0.47	0.66	0.94	1.13	1.59	2.16	2.78	23.39
40	0.19	0.29	0.37	0.50	0.70	0.99	1.20	1.68	2.29	2.95	24.64
50	0.19	0.29	0.38	0.51	0.72	1.02	1.23	1.72	2.35	3.03	25.21
100	0.21	0.32	0.41	0.55	0.77	1.10	1.33	1.85	2.53	3.25	26.91
200	0.22	0.34	0.43	0.58	0.82	1.17	1.41	1.97	2.69	3.47	28.50
1000	0.25	0.38	0.49	0.66	0.93	1.32	1.60	2.24	3.05	3.92	31.93
10000	0.29	0.44	0.56	0.76	1.07	1.52	1.84	2.57	3.51	4.52	36.38
PMP	0.71	1.08	1.39	1.88	2.65	3.76	4.55	6.36	8.67	11.16	86.12
MEAN	0.101	0.153	0.197	0.267	0.375	0.533	0.645	0.902	1.230	1.584	14.401
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.358	1.958	2.370	2.598	2.132	0.645	0.298	0.496	1.545	2.044	0.160
REGIONAL SKEW	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
SKEW USED	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -0.493 ; INTERCEPT (TIME=1 HOUR) =0.377 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.02615 ; AVERAGE CALC CV / USED CV = 1.05

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	10.100	7.268	10.200	11.579	10.217	3.619	2.716	3.216	7.147	8.405	2.670
N	29	29	29	29	31	31	31	31	31	31	31
RECORD YEAR	1969	1969	1954	1954	1954	1954	1952	1955	1955	1955	1973
RECORD MAXIMUM	0.360	0.420	0.600	0.700	0.810	0.880	0.960	1.450	2.540	3.690	24.070
NORMILIZED MAX	3.832	3.100	3.787	3.959	3.956	2.614	1.924	2.517	3.522	3.588	2.284
CALC. COEF. VAR	0.666	0.560	0.539	0.409	0.293	0.249	0.254	0.241	0.302	0.371	0.294
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0070	0.0107	0.0137	0.0186	0.0261	0.0370	0.0448	0.0627	0.0854	0.1100	1.0000
RP10/A	0.0108	0.0163	0.0210	0.0284	0.0399	0.0567	0.0686	0.0959	0.1307	0.1684	1.4371
RP25/A	0.0124	0.0187	0.0241	0.0326	0.0458	0.0651	0.0787	0.1101	0.1501	0.1934	1.6243
RP50/A	0.0135	0.0204	0.0262	0.0355	0.0498	0.0708	0.0856	0.1197	0.1632	0.2103	1.7508
RP100/A	0.0145	0.0219	0.0281	0.0381	0.0536	0.0761	0.0920	0.1287	0.1754	0.2259	1.8683
RP1000/A	0.0174	0.0264	0.0339	0.0460	0.0646	0.0917	0.1110	0.1552	0.2116	0.2725	2.2171
RP10000/A	0.0201	0.0304	0.0391	0.0529	0.0744	0.1056	0.1278	0.1787	0.2436	0.3138	2.5262
PMP/A	0.0496	0.0751	0.0965	0.1307	0.1837	0.2609	0.3156	0.4414	0.6017	0.7750	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL [<25] RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. 8SN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 1520 0	CARBON CANYON WORKMAN	1175		02S	09W		S	33.950	117.800	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1949	*****	*****	*****	*****	0.44	0.78	1.11	1.53	2.23	2.84	******
1950	*****	*****	*****	*****	0.61	0.95	1.21	1.60	1.86	2.08	******
1951	*****	*****	*****	*****	0.62	1.04	1.35	2.63	3.67	4.87	17.69
1952	*****	*****	*****	*****	0.50	0.92	1.18	1.97	3.07	3.35	******
1953	0.04	0.07	0.09	0.15	0.28	0.45	0.58	0.66	0.75	0.79	6.74
1954	0.07	0.10	0.16	0.30	0.47	0.77	1.10	1.84	2.62	2.70	18.93
1955	0.12	0.17	0.23	0.38	0.52	0.66	0.85	1.03	1.18	1.26	12.06
1956	0.08	0.15	0.20	0.25	0.48	0.90	1.32	2.60	4.00	6.48	16.39
1957	0.13	0.24	0.28	0.45	0.64	0.97	0.99	1.33	1.54	2.12	19.51
1958	0.20	0.30	0.45	0.72	0.79	1.12	1.34	1.76	2.92	4.57	26.07
1959	0.32	0.40	0.50	0.70	0.72	0.75	0.76	1.25	1.99	2.08	8.46
1960	0.18	0.24	0.30	0.40	0.55	0.73	0.90	1.19	1.38	1.38	11.98
1961	0.09	0.17	0.23	0.31	0.40	0.62	0.74	1.21	1.71	1.80	6.61
1962	0.20	0.28	0.40	0.43	0.55	0.66	0.90	1.51	2.32	2.89	14.32
1963	0.15	0.25	0.35	0.51	0.70	0.84	0.99	1.63	2.12	3.80	16.97
1964	0.13	0.15	0.20	0.24	0.35	0.50	0.71	1.01	1.12	1.25	8.93
1965	0.11	0.21	0.28	0.39	0.48	0.70	0.76	0.99	1.54	2.13	22.91
1966	0.12	0.20	0.28	0.53	0.74	1.01	1.14	1.67	2.14	3.33	14.40
1967	0.40	0.50	0.75	1.04	1.07	1.13	1.55	1.60	2.40	2.59	18.50
1968	0.17	0.31	0.40	0.68	1.09	1.54	1.81	2.81	3.64	3.91	8.88
1969	0.14	0.18	0.21	0.30	0.51	0.70	0.93	1.65	2.64	4.50	27.40
1970	0.10	0.16	0.22	0.34	0.45	0.65	0.76	1.23	1.53	2.49	14.53
1971	0.12	0.17	0.22	0.24	0.29	0.50	0.70	1.30	1.48	2.20	9.98
1972	0.20	0.24	0.35	0.41	0.58	0.91	1.03	1.08	1.10	1.12	6.96
1973	*****	*****	*****	*****	0.43	0.80	0.97	1.41	1.64	1.64	14.00
1974	*****	*****	*****	*****	0.90	1.60	1.94	2.47	2.97	3.10	16.09

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 8SN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U05 1520 0	CARBON CANYON WORKMAN	1175		02S	09W		S	33.950	117.800	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.20	0.28	0.40	0.53	0.77	0.96	1.42	1.93	2.48	13.62
5	0.21	0.31	0.42	0.60	0.79	1.16	1.45	2.14	2.91	3.73	19.23
10	0.26	0.37	0.51	0.73	0.97	1.42	1.77	2.61	3.55	4.56	22.78
20	0.30	0.44	0.59	0.85	1.13	1.66	2.06	3.05	4.15	5.33	26.04
25	0.31	0.46	0.62	0.89	1.18	1.73	2.16	3.18	4.34	5.57	27.05
40	0.34	0.50	0.67	0.97	1.29	1.89	2.35	3.47	4.73	6.07	29.12
50	0.35	0.52	0.70	1.01	1.34	1.96	2.44	3.60	4.91	6.30	30.08
100	0.39	0.57	0.78	1.12	1.49	2.18	2.72	4.01	5.46	7.01	33.01
200	0.43	0.63	0.86	1.23	1.64	2.40	2.98	4.40	6.00	7.70	35.84
1000	0.52	0.76	1.03	1.48	1.97	2.88	3.59	5.30	7.22	9.26	42.18
10000	0.64	0.94	1.27	1.83	2.43	3.56	4.43	6.53	8.91	11.42	50.86
PMP	1.29	1.89	2.57	3.69	4.90	7.18	8.93	13.18	17.97	23.05	105.86
MEAN	0.153	0.224	0.305	0.438	0.583	0.854	1.062	1.568	2.137	2.741	14.622
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.651	1.181	1.544	1.343	1.010	1.182	1.059	0.836	0.569	0.939	0.552
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.468 ; INTERCEPT (TIME=1 HOUR) =0.599 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.04096 ; AVERAGE CALC CV / USED CV = 0.85

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	6.508	5.287	6.711	5.403	4.125	4.975	4.201	3.586	2.905	4.174	3.123
N	20	20	20	20	26	26	26	26	26	26	23
RECORD YEAR	1967	1967	1967	1967	1968	1974	1974	1968	1956	1956	1969
RECORD MAXIMUM	0.400	0.500	0.750	1.040	1.090	1.600	1.940	2.810	4.000	6.480	27.400
NORMILIZED MAX	2.928	2.751	3.048	2.841	2.440	2.678	2.604	2.329	2.171	2.783	2.172
CALC. COEF. VAR	0.548	0.446	0.479	0.483	0.356	0.326	0.317	0.340	0.402	0.490	0.402
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0105	0.0154	0.0209	0.0300	0.0399	0.0584	0.0727	0.1072	0.1461	0.1875	1.0000
RP10/A	0.0174	0.0255	0.0347	0.0498	0.0663	0.0971	0.1208	0.1782	0.2429	0.3116	1.5576
RP25/A	0.0213	0.0312	0.0424	0.0609	0.0810	0.1186	0.1476	0.2178	0.2969	0.3808	1.8498
RP50/A	0.0241	0.0353	0.0479	0.0689	0.0916	0.1342	0.1669	0.2463	0.3357	0.4307	2.0575
RP100/A	0.0268	0.0392	0.0533	0.0766	0.1019	0.1492	0.1857	0.2740	0.3735	0.4791	2.2574
RP1000/A	0.0355	0.0519	0.0705	0.1013	0.1347	0.1973	0.2455	0.3622	0.4938	0.6334	2.8849
RP10000/A	0.0438	0.0640	0.0869	0.1250	0.1662	0.2434	0.3028	0.4468	0.6091	0.7813	3.4781
PMP/A	0.0883	0.1291	0.1754	0.2522	0.3354	0.4911	0.6110	0.9017	1.2291	1.5766	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
W2F 436 0	BAKER	940	30	14N	09E		S	35.267	116.067	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1954	0.26	0.29	0.30	0.49	0.58	0.72	0.73	0.73	0.73	0.73	1.88
1955	0.03	0.04	0.05	0.08	0.09	0.15	0.19	0.22	0.43	0.43	1.18
1956	0.24	0.35	0.49	0.74	0.83	1.36	1.41	1.52	1.52	1.52	2.04
1957	0.06	0.11	0.15	0.15	0.15	0.21	0.23	0.29	0.29	0.30	2.02
1958	0.06	0.07	0.11	0.14	0.20	0.30	0.36	0.36	0.36	0.37	3.73
1959	0.05	0.09	0.10	0.12	0.14	0.15	0.17	0.27	0.31	0.35	1.61
1960	0.02	0.03	0.04	0.05	0.07	0.10	0.12	0.13	0.13	0.15	2.71
1961	0.02	0.04	0.05	0.07	0.11	0.16	0.16	0.16	0.26	0.28	1.00
1962	0.01	0.01	0.02	0.02	0.03	0.05	0.05	0.05	0.05	0.05	0.75
1963	0.14	0.17	0.23	0.30	0.38	0.43	0.47	0.49	0.66	0.86	3.64
1964	0.08	0.12	0.13	0.13	0.13	0.14	0.16	0.16	0.16	0.16	1.00
1965	0.02	0.04	0.06	0.09	0.12	0.18	0.24	0.38	0.56	0.63	5.40
1966	0.13	0.14	0.14	0.18	0.24	0.31	0.46	0.63	0.64	0.66	2.05
1967	0.03	0.05	0.08	0.11	0.11	0.13	0.17	0.25	0.35	0.41	2.09
1968	0.25	0.32	0.46	0.51	0.52	0.54	0.54	0.54	0.66	0.70	2.17
1969	0.02	0.03	0.05	0.09	0.15	0.20	0.28	0.43	0.46	0.50	3.50
1970	0.08	0.08	0.09	0.13	0.19	0.22	0.24	0.26	0.26	0.31	1.88
1971	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.03	0.05	0.15
1972	0.10	0.18	0.19	0.19	0.20	0.20	0.20	0.20	0.22	0.22	1.86
1973	*****	*****	*****	*****	0.20	0.40	0.47	0.59	0.62	0.87	3.32
1974	*****	*****	*****	*****	0.58	0.83	0.88	0.88	0.88	0.88	5.20

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
W2F 436 0	BAKER	940	30	14N	09E		S	35.267	116.067	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.08	0.10	0.14	0.17	0.22	0.29	0.32	0.37	0.41	0.45	2.17
5	0.11	0.16	0.20	0.26	0.33	0.44	0.49	0.55	0.62	0.67	3.24
10	0.14	0.19	0.25	0.32	0.40	0.54	0.60	0.68	0.76	0.82	3.91
20	0.16	0.22	0.29	0.37	0.46	0.63	0.70	0.79	0.88	0.96	4.52
25	0.17	0.23	0.30	0.39	0.49	0.66	0.73	0.83	0.92	1.00	4.71
40	0.18	0.25	0.33	0.42	0.53	0.71	0.79	0.90	1.01	1.09	5.09
50	0.19	0.26	0.34	0.44	0.55	0.74	0.82	0.93	1.05	1.14	5.27
100	0.21	0.29	0.38	0.48	0.61	0.82	0.92	1.04	1.16	1.26	5.81
200	0.23	0.32	0.42	0.53	0.67	0.91	1.01	1.14	1.28	1.39	6.33
1000	0.28	0.38	0.50	0.64	0.81	1.09	1.21	1.37	1.54	1.67	7.49
10000	0.35	0.47	0.62	0.79	1.00	1.34	1.49	1.69	1.90	2.06	9.06
PMP	0.70	0.96	1.25	1.59	2.01	2.71	3.01	3.42	3.82	4.15	19.94
MEAN	0.084	0.114	0.149	0.190	0.240	0.323	0.359	0.408	0.456	0.496	2.342
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.274	1.225	1.502	1.868	1.514	2.116	1.987	1.903	1.555	1.206	0.811
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.00
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.596 ; INTERCEPT (TIME=1 HOUR) =0.241 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.10305 ; AVERAGE CALC CV / USED CV = 1.94

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.792	3.879	4.593	6.314	4.948	8.130	7.805	7.984	6.971	5.384	3.715
N	19	19	19	19	21	21	21	21	21	21	21
RECORD YEAR	1954	1956	1956	1956	1956	1956	1956	1956	1956	1956	1965
RECORD MAXIMUM	0.260	0.350	0.490	0.740	0.830	1.360	1.410	1.520	1.520	1.520	5.400
NORMILIZED MAX	2.114	2.252	2.353	2.886	2.754	3.271	3.235	3.273	3.148	2.910	2.236
CALC. COEF. VAR	0.997	0.917	0.968	1.003	0.895	0.980	0.905	0.834	0.741	0.710	0.584
REGN. COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
USED COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
MEAN/A	0.0357	0.0488	0.0638	0.0811	0.1023	0.1381	0.1533	0.1741	0.1948	0.2117	1.0000
RP10/A	0.0593	0.0809	0.1059	0.1346	0.1697	0.2291	0.2544	0.2888	0.3233	0.3513	1.6708
RP25/A	0.0724	0.0989	0.1294	0.1645	0.2073	0.2799	0.3108	0.3528	0.3949	0.4291	2.0113
RP50/A	0.0819	0.1118	0.1463	0.1860	0.2344	0.3165	0.3514	0.3990	0.4465	0.4852	2.2516
RP100/A	0.0911	0.1243	0.1627	0.2068	0.2608	0.3520	0.3909	0.4438	0.4966	0.5397	2.4816
RP1000/A	0.1204	0.1643	0.2150	0.2733	0.3446	0.4651	0.5165	0.5864	0.6563	0.7131	3.1984
RP10000/A	0.1485	0.2026	0.2652	0.3371	0.4250	0.5736	0.6370	0.7232	0.8094	0.8795	3.8702
PMP/A	0.2994	0.4087	0.5349	0.6799	0.8571	1.1570	1.2848	1.4586	1.6324	1.7738	8.5150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
W2B 519 0	BARSTOW	2142	06	09N	01W		S	34.900	117.017	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1964	*****	*****	*****	0.15	0.15	0.16	0.16	0.20	0.30	0.46	1.38
1965	*****	*****	*****	0.65	0.72	0.72	0.72	0.72	0.72	0.72	7.04
1966	*****	*****	*****	0.20	0.25	0.25	0.25	0.25	0.25	0.25	2.17
1967	*****	*****	*****	0.04	0.06	0.12	0.17	0.33	0.48	0.49	5.11
1968	0.05	0.08	0.11	0.17	0.20	0.20	0.23	0.43	0.46	0.46	2.71
1969	0.06	0.08	0.11	0.11	0.15	0.24	0.32	0.37	0.43	0.43	6.24
1970	0.02	0.03	0.05	0.07	0.13	0.20	0.24	0.25	0.29	0.30	2.09
1971	0.03	0.05	0.07	0.13	0.17	0.17	0.23	0.23	0.23	0.23	2.15
1972	0.24	0.34	0.37	0.27	0.37	0.37	0.37	0.37	0.37	0.37	4.26
1973	0.02	0.04	0.06	0.08	0.10	0.10	0.12	0.20	0.20	0.20	3.35

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
W2B 519 0	BARSTOW	2142	06	09N	01W		S	34.900	117.017	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.06	0.09	0.12	0.18	0.21	0.23	0.25	0.30	0.34	0.35	3.38
5	0.10	0.14	0.17	0.27	0.31	0.34	0.38	0.46	0.51	0.53	5.06
10	0.12	0.17	0.21	0.33	0.38	0.42	0.47	0.56	0.62	0.65	6.10
20	0.14	0.20	0.25	0.38	0.45	0.49	0.55	0.65	0.72	0.76	7.05
25	0.14	0.21	0.26	0.40	0.47	0.51	0.57	0.68	0.76	0.79	7.34
40	0.15	0.23	0.28	0.43	0.51	0.56	0.62	0.74	0.82	0.86	7.94
50	0.16	0.24	0.29	0.45	0.53	0.58	0.64	0.77	0.85	0.89	8.22
100	0.18	0.26	0.33	0.50	0.59	0.65	0.72	0.85	0.95	0.99	9.06
200	0.20	0.29	0.36	0.55	0.64	0.71	0.79	0.94	1.04	1.09	9.87
1000	0.24	0.35	0.43	0.66	0.77	0.85	0.95	1.13	1.26	1.31	11.67
10000	0.29	0.43	0.53	0.82	0.96	1.05	1.17	1.39	1.55	1.62	14.13
PMP	0.59	0.87	1.08	1.65	1.93	2.12	2.35	2.81	3.13	3.27	31.08
MEAN	0.070	0.103	0.128	0.197	0.230	0.253	0.281	0.335	0.373	0.390	3.650
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.254	2.284	2.215	1.997	2.165	2.252	2.161	1.822	1.193	0.845	0.703
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.618 ; INTERCEPT (TIME=1 HOUR) =0.208 ; COEFFICIENT OF DETERMINATION = 0.977
1HR INTERCEPT / MEAN YR =0.05709 ; AVERAGE CALC CV / USED CV = 1.85

KURTOSIS	9.843	9.957	9.726	7.646	8.591	9.051	8.898	7.506	5.398	4.855	3.181
N	6	6	6	10	10	10	10	10	10	10	10
RECORD YEAR	1972	1972	1972	1965	1965	1965	1965	1965	1965	1965	1965
RECORD MAXIMUM	0.240	0.340	0.370	0.650	0.720	0.720	0.720	0.720	0.720	0.720	7.040
NORMILIZED MAX	2.003	2.010	1.996	2.462	2.547	2.583	2.569	2.453	2.217	2.119	1.752
CALC. COEF. VAR	1.212	1.140	0.943	0.934	0.837	0.715	0.608	0.468	0.420	0.399	0.530
REGN. COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
USED COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
MEAN/A	0.0192	0.0283	0.0352	0.0540	0.0630	0.0693	0.0770	0.0918	0.1022	0.1068	1.0000
RP10/A	0.0318	0.0470	0.0583	0.0896	0.1046	0.1150	0.1278	0.1523	0.1696	0.1773	1.6708
RP25/A	0.0389	0.0574	0.0713	0.1094	0.1277	0.1405	0.1561	0.1860	0.2072	0.2166	2.0113
RP50/A	0.0440	0.0649	0.0806	0.1237	0.1444	0.1589	0.1765	0.2104	0.2342	0.2449	2.2516
RP100/A	0.0489	0.0722	0.0896	0.1376	0.1607	0.1767	0.1963	0.2340	0.2605	0.2724	2.4816
RP1000/A	0.0646	0.0954	0.1185	0.1818	0.2123	0.2335	0.2594	0.3092	0.3443	0.3600	3.1984
RP10000/A	0.0797	0.1176	0.1461	0.2243	0.2618	0.2880	0.3199	0.3813	0.4246	0.4440	3.8702
PMP/A	0.1607	0.2372	0.2946	0.4523	0.5281	0.5809	0.6451	0.7691	0.8564	0.8954	8.5150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
W2P 1272	0	CAJON WEST SUMMIT	52	4780	35	04N	07W	J S	34.390	117.574	SAN BERNARDINO

M=MINUTES,H=HOURS,O=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1953	*****	*****	0.10	0.13	0.28	0.63	*****	1.19	1.40	1.56	4.52
1954	*****	*****	0.15	0.25	0.32	0.43	*****	1.12	1.49	2.19	7.44
1955	*****	*****	0.08	0.13	0.23	0.32	*****	0.79	1.31	1.38	5.50
1956	*****	*****	0.48	0.58	0.61	0.64	*****	0.64	0.96	1.95	7.57
1957	*****	*****	0.08	0.15	0.25	0.46	*****	1.21	2.07	2.30	6.52
1958	*****	*****	0.22	0.27	0.36	0.65	*****	1.20	1.99	1.99	16.86
1959	*****	*****	0.36	0.45	0.89	0.89	*****	1.04	1.10	1.10	4.84
1960	*****	*****	0.47	0.50	0.53	0.61	*****	0.67	0.74	1.01	6.28
1961	*****	*****	0.45	0.66	0.70	0.84	*****	0.94	1.04	1.16	4.50
1962	*****	*****	0.06	0.11	0.21	0.40	*****	1.09	1.67	1.69	11.30
1963	*****	*****	0.15	0.20	0.38	0.57	*****	1.10	1.55	1.65	8.01
1964	*****	*****	0.12	0.21	0.42	0.52	*****	0.63	0.76	0.80	5.38
1965	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	9.51
1966	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	9.30
1974	*****	*****	0.80	0.90	1.00	1.20	1.30	1.90	2.10	2.10	10.60

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
W2P 1272	0	CAJON WEST SUMMIT	52	4780	35	04N	07W	J S	34.390	117.574	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION O=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.24	0.32	0.43	0.57	0.0	0.94	1.26	1.45	7.29
5	0.0	0.0	0.37	0.48	0.65	0.85	0.0	1.41	1.90	2.19	10.91
10	0.0	0.0	0.45	0.58	0.79	1.04	0.0	1.73	2.32	2.67	13.16
20	0.0	0.0	0.53	0.68	0.92	1.22	0.0	2.02	2.71	3.12	15.21
25	0.0	0.0	0.55	0.71	0.96	1.27	0.0	2.11	2.83	3.26	15.84
40	0.0	0.0	0.60	0.77	1.05	1.39	0.0	2.30	3.09	3.55	17.13
50	0.0	0.0	0.62	0.80	1.09	1.44	0.0	2.38	3.21	3.68	17.73
100	0.0	0.0	0.69	0.89	1.21	1.60	0.0	2.65	3.57	4.09	19.54
200	0.0	0.0	0.76	0.98	1.33	1.76	0.0	2.91	3.92	4.50	21.29
1000	0.0	0.0	0.91	1.18	1.60	2.11	0.0	3.50	4.71	5.41	25.19
10000	0.0	0.0	1.13	1.45	1.98	2.61	0.0	4.32	5.81	6.67	30.48
PMP	0.0	0.0	2.27	2.93	3.98	5.26	0.0	8.72	11.72	13.46	67.05
MEAN	0.0	0.0	0.271	0.349	0.475	0.628	0.0	1.040	1.398	1.606	7.875
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.189	1.059	1.000	1.194	0.0	1.151	0.166	-0.182	1.488
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.592 ; INTERCEPT (TIME=1 HOUR) =0.472 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.05996 ; AVERAGE CALC CV / USED CV = 1.25

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	4.513	3.914	3.613	5.247	0.0	6.176	2.585	2.488	6.152
N	0	0	13	13	13	13	1	13	13	13	15
RECORD YEAR	0	0	1974	1974	1974	1974	0	1974	1974	1957	1958
RECORD MAXIMUM	0.0	0.0	0.800	0.900	1.000	1.200	0.0	1.900	2.100	2.300	16.850
NORMILIZED MAX	0.0	0.0	2.358	2.223	2.047	2.420	0.0	2.548	1.491	1.423	2.717
CALC. COEF. VAR	0.0	0.0	0.829	0.710	0.439	0.377	0.0	0.324	0.336	0.304	0.420
REGN. COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
USED COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
MEAN/A	0.0	0.0	0.0344	0.0443	0.0604	0.0797	0.0	0.1321	0.1776	0.2040	1.0000
RP10/A	0.0	0.0	0.0571	0.0736	0.1002	0.1323	0.0	0.2192	0.2947	0.3385	1.6708
RP25/A	0.0	0.0	0.0697	0.0899	0.1224	0.1616	0.0	0.2677	0.3600	0.4135	2.0113
RP50/A	0.0	0.0	0.0788	0.1017	0.1384	0.1827	0.0	0.3027	0.4071	0.4675	2.2516
RP100/A	0.0	0.0	0.0877	0.1131	0.1539	0.2032	0.0	0.3367	0.4528	0.5200	2.4816
RP1000/A	0.0	0.0	0.1158	0.1494	0.2034	0.2685	0.0	0.4449	0.5983	0.6871	3.1984
RP10000/A	0.0	0.0	0.1429	0.1843	0.2508	0.3312	0.0	0.5487	0.7379	0.8475	3.8702
PMP/A	0.0	0.0	0.2881	0.3716	0.5059	0.6680	0.0	1.1067	1.4882	1.7092	8.5150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
W2R 1613 2	CEDAR SPRINGS	3275	06	02N	04W	R	S	34.284	117.330	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1958	0.22	0.28	0.32	0.42	0.71	1.23	1.75	2.48	3.38	5.47	56.85
1960	0.09	0.14	0.18	0.27	0.42	0.70	1.08	1.56	2.02	2.75	14.37
1961	0.22	0.30	0.35	0.50	0.68	0.73	0.73	1.20	2.26	2.45	10.95
1963	0.06	0.11	0.21	0.36	0.61	1.08	1.50	2.89	4.44	5.15	12.64
1964	0.06	0.11	0.17	0.32	0.57	0.91	1.17	1.47	1.84	3.26	21.62
1965	0.08	0.14	0.18	0.35	0.54	0.90	1.28	2.40	2.99	2.99	21.63
1966	0.27	0.40	0.53	0.90	1.38	2.67	3.22	4.50	7.15	8.20	35.96
1967	0.18	0.25	0.35	0.58	0.86	1.52	2.07	3.08	5.08	8.04	53.74

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
W2R 1613 2	CEDAR SPRINGS	3275	06	02N	04W	R	S	34.284	117.330	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.13	0.20	0.26	0.42	0.65	1.10	1.45	2.21	3.29	4.33	26.36
5	0.20	0.29	0.39	0.63	0.98	1.66	2.18	3.33	4.96	6.51	39.44
10	0.24	0.36	0.48	0.77	1.20	2.02	2.66	4.06	6.05	7.95	47.57
20	0.29	0.42	0.56	0.90	1.40	2.36	3.10	4.75	7.07	9.29	54.98
25	0.30	0.44	0.58	0.94	1.46	2.47	3.24	4.96	7.39	9.71	57.26
40	0.33	0.48	0.63	1.02	1.59	2.69	3.53	5.40	8.05	10.57	61.94
50	0.34	0.50	0.66	1.06	1.65	2.79	3.67	5.61	8.35	10.98	64.10
100	0.38	0.55	0.73	1.18	1.84	3.10	4.08	6.24	9.29	12.21	70.65
200	0.41	0.61	0.80	1.30	2.02	3.41	4.48	6.86	10.21	13.41	76.98
1000	0.50	0.73	0.96	1.56	2.43	4.10	5.39	8.25	12.28	16.13	91.06
10000	0.61	0.90	1.19	1.92	3.00	5.06	6.65	10.17	15.14	19.90	110.19
PMP	1.24	1.81	2.40	3.88	6.04	10.20	13.41	20.51	30.55	40.13	242.42
MEAN	0.147	0.216	0.286	0.462	0.721	1.217	1.600	2.447	3.645	4.789	28.470
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.253	0.591	1.019	1.654	1.836	1.960	1.416	0.826	1.048	0.659	0.824
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.326 ; INTERCEPT (TIME=1 HOUR) =0.746 ; COEFFICIENT OF DETERMINATION = 0.994
1HR INTERCEPT / MEAN YR =0.02621 ; AVERAGE CALC CV / USED CV = 0.98

KURTOSIS	2.597	3.552	4.928	6.955	7.873	8.063	6.481	4.971	4.872	3.211	3.408
N	8	8	8	8	8	8	8	8	8	8	8
RECORD YEAR	1966	1966	1966	1966	1966	1966	1966	1966	1966	1966	1958
RECORD MAXIMUM	0.270	0.400	0.530	0.900	1.380	2.670	3.220	4.500	7.150	8.200	56.850
NORMILIZED MAX	1.453	1.717	1.939	2.153	2.224	2.248	2.093	1.907	1.921	1.464	1.549
CALC. COEF. VAR	0.572	0.495	0.439	0.439	0.411	0.531	0.484	0.440	0.500	0.487	0.644
REGN. COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
USED COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501

MEAN/A	0.0052	0.0076	0.0101	0.0162	0.0253	0.0428	0.0562	0.0860	0.1280	0.1682	1.0000
RP10/A	0.0086	0.0126	0.0167	0.0270	0.0420	0.0710	0.0933	0.1427	0.2125	0.2791	1.6708
RP25/A	0.0105	0.0154	0.0204	0.0329	0.0514	0.0867	0.1139	0.1743	0.2595	0.3410	2.0113
RP50/A	0.0119	0.0174	0.0230	0.0372	0.0581	0.0980	0.1288	0.1971	0.2935	0.3855	2.2516
RP100/A	0.0132	0.0194	0.0256	0.0414	0.0646	0.1090	0.1433	0.2192	0.3264	0.4288	2.4816
RP1000/A	0.0175	0.0256	0.0339	0.0547	0.0853	0.1441	0.1893	0.2896	0.4313	0.5667	3.1984
RP10000/A	0.0215	0.0316	0.0418	0.0675	0.1053	0.1777	0.2335	0.3572	0.5320	0.6989	3.8702
PMP/A	0.0434	0.0637	0.0843	0.1361	0.2123	0.3584	0.4710	0.7204	1.0729	1.4095	8.5150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
W2R 2163 0	CREST LINE LAKE	4530	23	02N	04W	0	S	34.233	117.266	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.20	0.24	0.31	0.41	0.75	1.19	1.50	2.23	3.49	4.98	31.26
1941	0.16	0.24	0.35	0.48	0.86	1.21	1.46	2.10	2.30	3.09	63.04
1942	*****	*****	*****	*****	0.47	0.69	1.02	1.58	2.03	3.00	23.14
1943	*****	*****	*****	*****	0.97	1.69	2.72	5.21	8.86	13.19	64.35
1944	*****	*****	*****	*****	0.70	1.35	1.73	2.42	3.91	7.83	39.82
1945	*****	*****	*****	*****	1.01	1.56	2.00	3.11	4.99	8.59	46.04
1946	*****	*****	*****	*****	0.54	0.96	1.15	2.26	3.89	4.57	40.98
1947	*****	*****	*****	*****	0.38	0.70	1.02	1.57	1.88	1.93	13.72
1948	*****	*****	*****	*****	0.55	1.07	1.52	2.58	3.43	4.84	26.90
1949	*****	*****	*****	*****	0.70	0.94	1.27	2.16	4.23	6.22	47.14
1950	*****	*****	*****	*****	0.36	0.66	0.99	1.71	2.51	4.33	18.94
1951	*****	*****	*****	*****	0.29	0.54	0.68	1.08	1.40	1.85	******
1952	0.11	0.21	0.23	0.36	0.65	1.21	1.40	1.71	2.11	2.27	******
1953	0.10	0.15	0.19	0.33	0.45	0.67	0.94	1.66	1.86	1.88	11.38
1954	0.12	0.22	0.40	0.57	0.72	1.35	2.00	3.38	5.15	7.98	49.94
1955	0.15	0.23	0.30	0.48	0.65	0.97	1.22	1.52	2.22	3.26	25.26
1956	0.06	0.10	0.18	0.32	0.70	1.07	1.70	3.37	6.00	11.65	31.59
1957	0.15	0.20	0.28	0.42	0.76	1.49	2.17	4.00	5.09	5.45	58.31
1958	0.20	0.25	0.30	0.50	0.99	1.82	2.37	4.54	6.43	6.75	54.60
1959	*****	*****	*****	*****	*****	*****	*****	*****	*****	5.20	32.11
1960	0.29	0.35	0.41	0.57	0.76	1.10	1.42	2.36	3.95	4.17	33.10
1961	0.20	0.30	0.38	0.61	1.04	1.84	2.30	3.39	5.40	6.13	19.99
1962	0.10	0.18	0.27	0.43	0.77	1.45	1.68	2.88	4.30	6.05	36.45
1963	0.50	0.70	0.74	1.25	2.01	2.16	2.22	2.89	3.90	5.23	34.19
1964	0.13	0.26	0.30	0.35	0.54	1.05	1.50	2.47	3.32	4.46	37.22
1968	0.25	0.35	0.45	0.58	0.75	1.10	1.28	1.79	2.49	2.97	17.56
1969	*****	*****	*****	*****	0.50	0.70	0.80	1.60	2.80	3.50	******
1970	*****	*****	*****	*****	0.80	1.50	2.20	3.00	4.00	5.70	34.20
1971	*****	*****	*****	*****	0.60	1.20	1.70	3.20	5.80	7.70	28.90
1972	*****	*****	*****	*****	0.50	0.90	1.10	1.70	2.00	2.00	16.20
1973	*****	*****	*****	*****	0.70	1.30	1.80	2.80	4.20	6.60	35.70

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
W2R 2163 0	CREST LINE LAKE	4530	23	02N	04W	0	S	34.233	117.266	SAN BERNARDIND

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.16	0.24	0.31	0.46	0.65	1.07	1.41	2.30	3.43	4.76	32.97
5	0.25	0.36	0.46	0.69	0.97	1.61	2.12	3.46	5.17	7.17	48.60
10	0.30	0.44	0.56	0.85	1.19	1.97	2.59	4.22	6.30	8.75	57.79
20	0.35	0.51	0.66	0.99	1.39	2.30	3.03	4.93	7.37	10.22	65.94
25	0.37	0.54	0.69	1.04	1.45	2.40	3.17	5.15	7.70	10.68	68.40
40	0.40	0.59	0.76	1.13	1.58	2.62	3.45	5.61	8.39	11.63	73.41
50	0.42	0.61	0.78	1.17	1.64	2.72	3.58	5.83	8.71	12.08	75.71
100	0.46	0.68	0.87	1.30	1.82	3.02	3.98	6.48	9.68	13.44	82.59
200	0.51	0.74	0.95	1.43	2.00	3.32	4.38	7.12	10.64	14.76	89.15
1000	0.61	0.89	1.14	1.72	2.41	3.99	5.26	8.56	12.80	17.75	103.46
10000	0.75	1.10	1.41	2.12	2.97	4.92	6.49	10.56	15.78	21.90	122.43
PMP	1.52	2.22	2.84	4.28	6.00	9.93	13.09	21.30	31.83	44.16	295.45
MEAN	0.181	0.265	0.339	0.511	0.716	1.185	1.562	2.542	3.798	5.270	34.697
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.027	2.414	1.888	2.749	2.509	2.510	0.355	0.951	0.942	1.113	0.441
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.600
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.404 ; INTERCEPT (TIME=1 HOUR) =0.775 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.02233 ; AVERAGE CALC CV / USED CV = 0.89

KURTOSIS	8.437	10.619	8.363	12.034	12.820	3.168	2.685	4.091	4.497	4.778	2.865
N	15	15	15	15	30	30	30	30	30	31	28
RECORD YEAR	1963	1963	1963	1963	1963	1963	1943	1943	1943	1943	1943
RECORD MAXIMUM	0.500	0.700	0.740	1.250	2.010	2.160	2.720	5.210	8.860	13.190	64.350
NORMILIZED MAX	2.972	3.162	2.959	3.277	4.165	2.447	2.253	2.788	3.019	2.921	2.050
CALC. COEF. VAR	0.591	0.518	0.399	0.442	0.434	0.336	0.329	0.376	0.442	0.515	0.417
REGN. COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
USED COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
MEAN/A	0.0052	0.0076	0.0098	0.0147	0.0206	0.0342	0.0450	0.0733	0.1095	0.1519	1.0000
RP10/A	0.0087	0.0127	0.0162	0.0244	0.0342	0.0567	0.0747	0.1216	0.1817	0.2520	1.6656
RP25/A	0.0106	0.0155	0.0198	0.0298	0.0418	0.0692	0.0913	0.1485	0.2219	0.3079	1.9714
RP50/A	0.0120	0.0175	0.0224	0.0337	0.0473	0.0783	0.1032	0.1679	0.2509	0.3481	2.1820
RP100/A	0.0133	0.0195	0.0249	0.0375	0.0526	0.0871	0.1148	0.1868	0.2791	0.3872	2.3803
RP1000/A	0.0176	0.0258	0.0329	0.0496	0.0695	0.1151	0.1517	0.2468	0.3688	0.5117	2.9818
RP10000/A	0.0217	0.0318	0.0406	0.0612	0.0857	0.1419	0.1870	0.3044	0.4548	0.6310	3.5286
PMP/A	0.0438	0.0641	0.0820	0.1233	0.1728	0.2862	0.3772	0.6140	0.9173	1.2727	8.5150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
W28 2255 0	DAGGETT 1ENE	1975	15	09N	01E		S	34.866	116.869	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	*****	*****	*****	*****	0.31	0.59	0.76	0.87	1.12	1.15	7.55
1942	*****	*****	*****	*****	0.22	0.39	0.47	0.98	1.32	1.32	1.71
1943	*****	*****	*****	*****	0.79	1.42	1.73	1.75	1.75	1.75	7.39
1944	*****	*****	*****	*****	0.25	0.27	0.34	0.49	0.51	0.93	4.75
1945	*****	*****	*****	*****	0.25	0.44	0.61	0.81	1.18	1.32	4.45
1946	*****	*****	*****	*****	0.38	0.55	0.55	0.55	0.57	0.57	2.36
1947	*****	*****	*****	*****	0.19	0.25	0.26	0.29	0.33	0.39	2.27
1948	*****	*****	*****	*****	0.13	0.21	0.25	0.39	0.63	0.77	2.12
1949	*****	*****	*****	*****	0.20	0.29	0.30	0.32	0.32	0.32	2.39
1950	0.10	0.11	0.13	0.15	0.22	0.23	0.29	0.32	0.47	0.68	1.13
1951	0.13	0.15	0.20	0.24	0.37	0.50	0.53	0.59	0.84	1.30	5.49
1952	0.30	0.52	0.69	0.90	0.90	0.90	0.90	0.90	0.90	0.90	5.75
1953	0.06	0.08	0.10	0.12	0.18	0.24	0.36	0.40	0.40	0.40	0.96
1954	0.15	0.21	0.26	0.31	0.31	0.36	0.53	0.80	1.12	1.16	4.06
1955	0.15	0.25	0.30	0.45	0.46	0.47	0.47	0.52	0.61	0.64	2.12
1956	0.02	0.03	0.05	0.06	0.08	0.10	0.15	0.15	0.15	0.15	0.74
1957	0.04	0.06	0.09	0.10	0.14	0.20	0.22	0.22	0.22	0.41	2.47
1958	0.25	0.30	0.33	0.38	0.43	0.46	0.48	0.69	0.69	0.69	6.44
1959	0.10	0.16	0.20	0.24	0.27	0.36	0.40	0.56	0.56	0.56	2.51
1960	0.30	0.40	0.49	0.70	0.81	0.82	0.82	0.89	0.89	0.89	3.58
1961	0.06	0.10	0.10	0.14	0.20	0.30	0.30	0.30	0.31	0.31	1.81
1962	0.01	0.02	0.03	0.04	0.06	0.10	0.14	0.20	0.20	0.20	0.88
1963	0.13	0.21	0.27	0.32	0.35	0.39	0.45	0.69	0.89	1.02	3.27
1964	0.07	0.11	0.14	0.16	0.29	0.29	0.30	0.31	0.37	0.74	1.90
1965	0.12	0.14	0.16	0.27	0.40	0.42	0.42	0.42	0.62	0.76	7.12
1966	0.07	0.10	0.12	0.15	0.22	0.23	0.23	0.30	0.30	0.30	1.77
1967	0.25	0.45	0.83	0.85	0.87	0.87	0.90	0.91	0.91	0.91	4.47
1968	0.15	0.21	0.26	0.20	0.31	0.43	0.52	0.61	0.72	0.79	******
1969	0.20	0.22	0.24	0.25	0.25	0.25	0.25	0.25	0.27	0.27	******
1970	0.05	0.10	0.14	0.17	0.20	0.20	0.25	0.25	0.25	0.27	******
1971	0.01	0.02	0.03	0.06	0.11	0.21	0.25	0.35	0.35	0.35	1.12
1972	0.06	0.10	0.14	0.17	0.21	0.34	0.34	0.34	0.34	0.34	14.10

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
W28 2255 0	DAGGETT 1ENE	1975	15	09N	01E		S	34.866	116.869	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.11	0.16	0.21	0.26	0.29	0.37	0.42	0.49	0.57	0.63	3.41
5	0.16	0.24	0.31	0.39	0.44	0.56	0.63	0.74	0.85	0.95	5.10
10	0.20	0.29	0.38	0.47	0.54	0.68	0.77	0.90	1.04	1.16	6.15
20	0.23	0.34	0.45	0.55	0.63	0.79	0.90	1.05	1.22	1.36	7.10
25	0.25	0.36	0.47	0.58	0.66	0.83	0.94	1.10	1.27	1.42	7.40
40	0.27	0.39	0.51	0.63	0.71	0.90	1.02	1.20	1.39	1.54	8.00
50	0.28	0.41	0.53	0.65	0.74	0.94	1.06	1.24	1.44	1.60	8.28
100	0.31	0.45	0.59	0.72	0.83	1.04	1.18	1.38	1.60	1.78	9.13
200	0.34	0.50	0.65	0.80	0.91	1.14	1.29	1.52	1.76	1.96	9.95
1000	0.41	0.60	0.78	0.96	1.09	1.38	1.55	1.83	2.12	2.35	11.77
10000	0.50	0.74	0.96	1.18	1.35	1.70	1.92	2.26	2.61	2.90	14.24
PMP	1.01	1.49	1.93	2.38	2.71	3.43	3.87	4.55	5.27	5.86	31.32
MEAN	0.121	0.177	0.230	0.284	0.324	0.409	0.462	0.543	0.628	0.699	3.679
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.790	1.193	1.861	1.617	1.586	2.074	2.508	1.724	1.062	0.712	1.898
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.649 ; INTERCEPT (TIME=1 HOUR) =0.330 ; COEFFICIENT OF DETERMINATION = 0.990
1HR INTERCEPT / MEAN YR =0.08966 ; AVERAGE CALC CV / USED CV = 1.51

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.055	4.277	6.645	5.256	5.006	8.461	11.517	7.656	4.168	3.158	8.024
N	23	23	23	23	32	32	32	32	32	32	29
RECORD YEAR	1952	1952	1967	1952	1952	1943	1943	1943	1943	1943	1972
RECORD MAXIMUM	0.300	0.520	0.830	0.900	0.900	1.420	1.730	1.750	1.750	1.750	14.100
NORMILIZED MAX	2.038	2.554	3.004	2.599	2.600	3.726	4.119	3.689	2.963	2.636	3.626
CALC. COEF. VAR	0.727	0.756	0.866	0.835	0.685	0.664	0.667	0.603	0.602	0.571	0.781
REGN. COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
USED COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
MEAN/A	0.0329	0.0482	0.0626	0.0772	0.0880	0.1111	0.1255	0.1476	0.1708	0.1899	1.0000
RP10/A	0.0545	0.0800	0.1040	0.1281	0.1461	0.1844	0.2082	0.2449	0.2835	0.3152	1.6708
RP25/A	0.0666	0.0978	0.1270	0.1564	0.1784	0.2252	0.2543	0.2991	0.3463	0.3850	2.0113
RP50/A	0.0753	0.1105	0.1436	0.1769	0.2017	0.2547	0.2876	0.3382	0.3916	0.4354	2.2516
RP100/A	0.0838	0.1229	0.1597	0.1968	0.2244	0.2833	0.3199	0.3762	0.4355	0.4843	2.4816
RP1000/A	0.1107	0.1625	0.2110	0.2600	0.2965	0.3743	0.4227	0.4971	0.5755	0.6399	3.1984
RP10000/A	0.1365	0.2004	0.2603	0.3207	0.3657	0.4617	0.5213	0.6131	0.7098	0.7892	3.8702
PMP/A	0.2753	0.4041	0.5249	0.6468	0.7375	0.9311	1.0515	1.2365	1.4316	1.5918	8.5150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
W28 5756 50	MAJOVE RIVER	3000	12	03N	04W		S	34.367	117.247	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
1958	0.11	0.17	0.20	0.31	0.45	0.68	0.82	1.17	1.48	2.61	15.59
1959	0.12	0.13	0.14	0.18	0.29	0.53	0.69	1.12	1.45	1.73	5.76
1960	0.13	0.15	0.15	0.23	0.32	0.50	0.68	0.84	1.10	1.10	6.87
1961	0.22	0.42	0.45	0.49	0.82	0.93	0.95	0.95	0.95	0.95	2.56
1962	0.21	0.29	0.37	0.47	0.81	1.02	1.02	1.91	1.92	2.02	11.47
1963	0.04	0.08	0.12	0.20	0.37	0.58	0.78	1.25	1.68	1.70	4.30
1964	0.13	0.17	0.22	0.26	0.45	0.53	0.62	0.88	1.44	2.15	8.37
1965	0.02	0.04	0.07	0.13	0.25	0.52	0.74	0.96	1.00	1.11	6.10
1966	0.10	0.14	0.21	0.38	0.62	1.12	1.45	2.42	3.30	3.33	10.90
1967	0.13	0.25	0.32	0.40	0.72	0.74	0.74	0.74	0.94	1.14	6.91
1968	0.09	0.09	0.15	0.27	0.38	0.46	0.58	0.73	1.32	1.72	7.41
1969	0.18	0.22	0.25	0.32	0.47	0.86	1.20	1.62	2.50	4.45	19.32
1970	0.03	0.06	0.09	0.18	0.28	0.52	0.68	0.98	1.08	1.58	4.24
1971	0.08	0.11	0.13	0.21	0.33	0.63	0.82	1.18	1.64	2.40	6.49

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
W28 5756 50	MAJOVE RIVER	3000	12	03N	04W		S	34.367	117.247	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
2	0.10	0.15	0.19	0.26	0.42	0.62	0.76	1.08	1.41	1.81	7.69
5	0.15	0.23	0.28	0.39	0.64	0.93	1.14	1.63	2.12	2.72	11.51
10	0.19	0.28	0.34	0.48	0.78	1.14	1.40	1.99	2.58	3.32	13.88
20	0.22	0.32	0.40	0.56	0.91	1.33	1.63	2.32	3.02	3.88	16.04
25	0.23	0.34	0.42	0.58	0.95	1.39	1.70	2.43	3.16	4.05	16.71
40	0.25	0.37	0.45	0.64	1.04	1.52	1.86	2.64	3.44	4.41	18.07
50	0.26	0.38	0.47	0.66	1.08	1.58	1.93	2.74	3.57	4.58	18.70
100	0.29	0.42	0.52	0.73	1.20	1.75	2.14	3.05	3.97	5.10	20.61
200	0.32	0.46	0.57	0.81	1.31	1.92	2.35	3.35	4.36	5.60	22.46
1000	0.38	0.56	0.69	0.97	1.58	2.31	2.83	4.03	5.25	6.74	26.57
10000	0.47	0.69	0.85	1.20	1.95	2.86	3.49	4.97	6.47	8.31	32.15
PMP	0.95	1.39	1.72	2.41	3.93	5.76	7.05	10.03	13.05	16.75	70.73
MEAN	0.114	0.166	0.205	0.288	0.469	0.687	0.841	1.196	1.557	1.999	8.306
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.215	1.235	1.024	0.558	0.853	0.921	1.505	1.576	1.663	1.385	1.293
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.433 ; INTERCEPT (TIME=1 HOUR) =0.454 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.05470 ; AVERAGE CALC CV / USED CV = 0.90

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
KURTOSIS	3.152	5.203	4.015	2.906	2.970	3.178	5.500	5.657	6.324	5.517	4.905
N	14	14	14	14	14	14	14	14	14	14	14
RECORD YEAR	1961	1961	1961	1961	1961	1966	1966	1966	1966	1969	1969
RECORD MAXIMUM	0.220	0.420	0.450	0.490	0.820	1.120	1.450	2.420	3.300	4.450	19.320
NORMILIZED MAX	1.735	2.490	2.227	1.805	1.778	2.021	2.519	2.542	2.640	2.531	2.390
CALC. COEF. VAR	0.540	0.616	0.537	0.389	0.420	0.312	0.288	0.402	0.424	0.484	0.555
REGN. COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
USED COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
MEAN/A	0.0137	0.0200	0.0247	0.0347	0.0565	0.0827	0.1012	0.1440	0.1875	0.2407	1.0000
RP10/A	0.0227	0.0331	0.0410	0.0575	0.0938	0.1373	0.1680	0.2390	0.3111	0.3994	1.6708
RP25/A	0.0277	0.0404	0.0500	0.0702	0.1145	0.1677	0.2052	0.2920	0.3800	0.4879	2.0113
RP50/A	0.0313	0.0457	0.0566	0.0794	0.1295	0.1896	0.2320	0.3302	0.4297	0.5517	2.2516
RP100/A	0.0349	0.0509	0.0629	0.0884	0.1440	0.2109	0.2580	0.3672	0.4779	0.6136	2.4816
RP1000/A	0.0461	0.0672	0.0831	0.1167	0.1903	0.2787	0.3410	0.4853	0.6315	0.8109	3.1984
RP10000/A	0.0568	0.0829	0.1025	0.1440	0.2347	0.3437	0.4205	0.5985	0.7789	1.0001	3.8702
PMP/A	0.1146	0.1672	0.2068	0.2904	0.4734	0.6932	0.8482	1.2070	1.5709	2.0170	8.5150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
W28 7600 0	PUNNING SPRINGS	5965	4	01N	02W		5	34.200	117.083	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.85	1.42	1.89	3.03	4.73	5.34	48.61
1941	*****	*****	*****	*****	0.70	1.06	1.27	2.15	2.68	4.34	63.64
1942	*****	*****	*****	*****	0.45	0.71	0.93	1.36	1.97	2.25	19.14
1943	*****	*****	*****	*****	0.87	1.43	1.88	3.27	4.77	8.86	57.02
1944	*****	*****	*****	*****	0.72	1.33	1.87	3.26	4.76	6.60	43.52
1945	*****	*****	*****	*****	0.62	1.21	1.68	2.78	4.15	7.97	47.30
1946	*****	*****	*****	*****	0.62	1.13	1.70	2.59	2.79	4.11	48.58
1947	*****	*****	*****	*****	0.80	0.94	0.96	1.56	2.08	3.88	15.97
1948	*****	*****	*****	*****	0.61	1.10	1.37	1.97	3.21	4.73	30.42
1949	*****	*****	*****	*****	0.57	0.77	0.83	1.56	2.77	4.17	40.00
1950	*****	*****	*****	*****	0.41	0.72	1.01	1.85	2.56	2.74	21.34
1951	0.13	0.21	0.26	0.50	0.83	1.29	1.83	2.76	3.32	6.29	39.34
1952	0.21	0.23	0.29	0.47	0.74	1.23	1.65	2.67	4.10	5.21	48.78
1953	0.06	0.09	0.14	0.23	0.41	0.67	0.75	1.22	1.54	1.95	14.90
1954	0.24	0.30	0.36	0.52	0.83	1.33	1.79	3.10	4.81	8.17	47.99
1955	0.24	0.31	0.38	0.43	0.55	0.83	1.11	1.79	2.44	2.56	28.25
1956	1.00	1.00	1.00	1.00	1.00	1.15	1.61	2.90	4.83	8.80	25.23
1957	0.10	0.14	0.20	0.37	0.57	0.96	1.45	2.46	3.00	4.28	49.34
1958	0.26	0.28	0.30	0.32	0.62	1.20	1.78	3.15	4.05	5.15	49.18
1959	0.10	0.17	0.21	0.34	0.57	0.91	1.08	2.06	2.87	2.96	27.61
1960	0.24	0.25	0.25	0.32	0.48	0.82	1.02	1.41	1.89	2.09	28.58
1961	0.19	0.23	0.26	0.35	0.49	0.85	1.12	1.96	2.72	2.98	16.64
1962	0.15	0.15	0.16	0.30	0.49	0.66	0.88	1.25	2.41	3.45	******
1963	0.19	0.29	0.36	0.55	0.69	1.14	1.65	2.91	4.72	5.87	32.29
1964	0.13	0.20	0.30	0.38	0.75	1.16	1.30	1.62	2.22	3.84	******
1965	0.59	0.69	0.89	0.98	1.05	1.74	2.13	3.16	5.77	7.49	65.46
1968	*****	*****	*****	*****	0.40	0.70	0.80	1.00	1.80	2.60	18.90
1969	*****	*****	*****	*****	1.20	2.30	3.40	5.90	9.80	14.50	96.10
1970	*****	*****	*****	*****	0.70	1.40	1.80	3.00	3.80	5.80	35.20
1971	*****	*****	*****	*****	1.00	1.20	1.70	3.10	5.70	7.70	35.20
1972	*****	*****	*****	*****	0.60	1.00	1.50	2.50	2.60	2.60	16.50
1973	*****	*****	0.30	0.50	0.70	1.20	1.50	2.00	2.80	3.40	25.80
1974	*****	*****	0.60	0.80	1.10	1.30	1.80	1.90	3.10	3.70	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
W28 7600 0	PUNNING SPRINGS	5965	4	01N	02W		5	34.200	117.083	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.23	0.27	0.33	0.44	0.63	1.01	1.34	2.17	3.20	4.56	35.08
5	0.35	0.41	0.50	0.67	0.95	1.52	2.02	3.27	4.81	6.86	52.49
10	0.42	0.50	0.61	0.82	1.16	1.85	2.46	3.98	5.87	8.36	63.31
20	0.50	0.59	0.71	0.95	1.35	2.17	2.88	4.66	6.86	9.78	73.18
25	0.52	0.61	0.74	1.00	1.41	2.26	3.01	4.87	7.17	10.22	76.22
40	0.56	0.67	0.81	1.09	1.54	2.47	3.27	5.30	7.81	11.13	82.44
50	0.59	0.69	0.84	1.13	1.60	2.56	3.40	5.50	8.11	11.55	85.32
100	0.65	0.77	0.94	1.25	1.78	2.85	3.78	6.12	9.02	12.85	94.04
200	0.72	0.85	1.03	1.38	1.95	3.13	4.15	6.72	9.91	14.12	102.46
1000	0.86	1.02	1.24	1.66	2.35	3.76	5.00	8.09	11.92	16.98	121.20
10000	1.06	1.26	1.53	2.04	2.89	4.64	6.16	9.97	14.70	20.94	146.66
PMP	2.14	2.54	3.08	4.12	5.84	9.36	12.43	20.11	29.65	42.24	322.67
MEAN	0.255	0.303	0.367	0.492	0.697	1.117	1.483	2.400	3.538	5.040	37.894
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.560	2.338	1.887	1.380	0.668	1.296	1.385	1.473	1.924	1.571	1.125
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.502 ; INTERCEPT (TIME=1 HOUR) =0.767 ; COEFFICIENT OF DETERMINATION = 0.980
1HR INTERCEPT / MEAN YR =0.02025 ; AVERAGE CALC CV / USED CV = 1.10

KURTOSIS	10.031	8.676	6.197	4.474	3.103	6.623	7.599	7.889	8.864	6.720	5.253
N	15	15	17	17	33	33	33	33	33	33	30
RECORD YEAR	1956	1956	1956	1956	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	1.000	1.000	1.000	1.000	1.200	2.300	3.400	5.900	9.800	14.500	96.100
NORMILIZED MAX	3.102	2.950	2.622	2.225	2.424	3.507	3.700	3.746	3.875	3.565	3.197
CALC. COEF. VAR	0.940	0.781	0.658	0.465	0.298	0.302	0.349	0.389	0.457	0.526	0.480
REGN. COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
USED COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
MEAN/A	0.0067	0.0080	0.0097	0.0130	0.0184	0.0295	0.0391	0.0633	0.0934	0.1330	1.0000
RP10/A	0.0112	0.0133	0.0161	0.0215	0.0305	0.0489	0.0649	0.1051	0.1549	0.2207	1.6708
RP25/A	0.0137	0.0162	0.0196	0.0263	0.0373	0.0598	0.0793	0.1284	0.1893	0.2696	2.0113
RP50/A	0.0154	0.0183	0.0222	0.0297	0.0421	0.0676	0.0897	0.1452	0.2140	0.3049	2.2516
RP100/A	0.0172	0.0204	0.0247	0.0331	0.0469	0.0751	0.0998	0.1615	0.2380	0.3391	2.4816
RP1000/A	0.0227	0.0269	0.0326	0.0437	0.0619	0.0993	0.1318	0.2134	0.3146	0.4481	3.1984
RP10000/A	0.0280	0.0332	0.0402	0.0539	0.0764	0.1225	0.1626	0.2631	0.3879	0.5526	3.8702
PMP/A	0.0565	0.0669	0.0812	0.1087	0.1541	0.2470	0.3280	0.5307	0.7824	1.1146	8.5150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
W2R R250 0	SILVER LAKE A P	920	36	15N	0PE		S	35.344	116.083	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.14	0.25	0.29	0.52	0.57	0.57	******
1941	*****	*****	*****	*****	0.19	0.33	0.42	0.71	0.81	0.83	8.15
1942	*****	*****	*****	*****	0.90	1.73	2.26	2.90	2.97	3.06	3.35
1943	*****	*****	*****	*****	0.14	0.27	0.29	0.37	0.46	0.53	3.50
1944	*****	*****	*****	*****	0.23	0.35	0.42	0.71	0.84	0.99	3.45
1945	*****	*****	*****	*****	0.47	0.49	0.60	0.86	0.95	1.35	5.30
1946	*****	*****	*****	*****	0.19	0.26	0.35	0.63	0.70	0.75	3.15
1947	*****	*****	*****	*****	0.16	0.25	0.34	0.65	0.82	1.14	2.56
1948	*****	*****	*****	*****	0.11	0.15	0.18	0.20	0.20	0.20	0.70
1949	*****	*****	*****	*****	0.12	0.22	0.30	0.43	0.48	0.56	2.93
1950	*****	*****	*****	*****	0.15	0.17	0.19	0.22	0.22	0.22	0.22
1951	0.14	0.26	0.28	0.29	0.35	0.37	0.38	0.38	0.38	0.40	******
1952	*****	*****	*****	*****	0.20	0.36	0.45	0.47	0.56	0.65	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
W2R R250 0	SILVER LAKE A P	920	36	15N	0PE		S	35.344	116.083	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.27	0.38	0.46	0.64	0.70	0.78	3.08
5	0.0	0.0	0.0	0.0	0.40	0.58	0.69	0.97	1.05	1.18	4.61
10	0.0	0.0	0.0	0.0	0.49	0.70	0.84	1.18	1.28	1.44	5.57
20	0.0	0.0	0.0	0.0	0.57	0.82	0.99	1.38	1.50	1.68	6.43
25	0.0	0.0	0.0	0.0	0.60	0.86	1.03	1.44	1.57	1.75	6.70
40	0.0	0.0	0.0	0.0	0.65	0.94	1.12	1.57	1.71	1.91	7.25
50	0.0	0.0	0.0	0.0	0.67	0.97	1.17	1.63	1.77	1.98	7.50
100	0.0	0.0	0.0	0.0	0.75	1.08	1.30	1.81	1.97	2.21	8.27
200	0.0	0.0	0.0	0.0	0.82	1.19	1.43	1.99	2.17	2.42	9.01
1000	0.0	0.0	0.0	0.0	0.99	1.43	1.71	2.39	2.61	2.92	10.65
10000	0.0	0.0	0.0	0.0	1.22	1.76	2.11	2.95	3.22	3.60	12.89
PMP	0.0	0.0	0.0	0.0	2.46	3.55	4.26	5.95	6.48	7.25	28.36
MEAN	0.0	0.0	0.0	0.0	0.294	0.424	0.509	0.710	0.774	0.865	3.331
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	2.511	3.291	3.409	3.103	2.903	2.415	0.892
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.497 ; INTERCEPT (TIME=1 HOUR) =0.295 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.08862 ; AVERAGE CALC CV / USED CV = 2.02

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	9.896	14.183	14.791	13.359	12.491	10.119	5.643
N	1	1	1	1	13	13	13	13	13	13	10
RECORD YEAR	0	0	0	0	1942	1942	1942	1942	1942	1942	1941
RECORD MAXIMUM	0.0	0.0	0.0	0.0	0.900	1.730	2.260	2.900	2.970	3.060	8.150
NORMILIZED MAX	0.0	0.0	0.0	0.0	2.442	2.967	3.116	3.109	3.093	2.966	2.166
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.845	1.039	1.105	0.992	0.918	0.855	0.668
REGN. COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
USED COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
MEAN/A	0.0	0.0	0.0	0.0	0.0882	0.1273	0.1527	0.2132	0.2323	0.2598	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.1464	0.2112	0.2535	0.3538	0.3855	0.4311	1.6708
RP25/A	0.0	0.0	0.0	0.0	0.1788	0.2580	0.3096	0.4321	0.4709	0.5266	2.0113
RP50/A	0.0	0.0	0.0	0.0	0.2021	0.2917	0.3501	0.4886	0.5325	0.5955	2.2516
RP100/A	0.0	0.0	0.0	0.0	0.2248	0.3244	0.3894	0.5435	0.5923	0.6624	2.4816
RP1000/A	0.0	0.0	0.0	0.0	0.2971	0.4287	0.5146	0.7182	0.7826	0.8752	3.1984
RP10000/A	0.0	0.0	0.0	0.0	0.3664	0.5287	0.6347	0.8857	0.9652	1.0794	3.8702
PMP/A	0.0	0.0	0.0	0.0	0.7391	1.0664	1.2800	1.7864	1.9467	2.1771	8.5150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
W2R 8643 80	SUMMIT	3860						34.329	117.423	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1158	0.09	0.16	0.22	0.28	0.49	0.72	0.81	1.26	2.04	2.64	22.66
1159	0.11	0.17	0.22	0.26	0.33	0.57	0.88	1.62	2.28	2.28	7.16
1160	0.07	0.11	0.14	0.18	0.22	0.32	0.44	0.74	1.22	1.22	7.02
1161	0.10	0.16	0.20	0.36	0.47	0.51	0.51	0.86	0.95	1.13	5.42
1162	0.16	0.20	0.33	0.52	0.87	0.96	1.04	1.47	2.45	4.05	13.71
1163	0.03	0.06	0.09	0.17	0.33	0.59	0.80	1.43	1.78	1.84	4.21
1164	0.10	0.14	0.19	0.32	0.60	0.87	1.18	1.80	2.67	3.08	10.11
1165	0.11	0.14	0.23	0.38	0.45	0.48	0.74	0.99	1.53	2.14	9.46
1166	0.06	0.12	0.20	0.34	0.64	1.18	1.77	2.94	3.77	3.92	18.05
1167	0.05	0.10	0.15	0.27	0.30	0.55	0.76	1.30	1.64	1.84	12.11
1168	0.12	0.20	0.29	0.49	0.52	0.66	0.85	1.42	1.92	3.43	11.50
1169	0.24	0.36	0.35	0.44	0.57	0.89	1.22	1.95	3.14	4.32	24.28
1170	0.21	0.21	0.27	0.30	0.35	0.65	0.92	1.34	1.79	2.23	8.75
1171	0.05	0.10	0.15	0.29	0.56	1.00	1.47	1.96	2.44	4.60	10.96
1172	0.06	0.12	0.17	0.27	0.34	0.37	0.57	1.14	2.02	2.68	7.63
1173	0.06	0.10	0.17	0.32	0.53	0.96	1.32	2.34	3.48	4.40	17.07
1174	0.04	0.08	0.12	0.22	0.35	0.40	0.58	1.10	1.63	1.88	8.86

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
W2R 8643 80	SUMMIT	3860						34.329	117.423	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.09	0.13	0.19	0.29	0.42	0.62	0.84	1.36	1.95	2.54	10.84
5	0.13	0.19	0.28	0.43	0.63	0.93	1.27	2.05	2.94	3.82	16.21
10	0.16	0.24	0.34	0.53	0.77	1.14	1.55	2.50	3.59	4.65	19.55
20	0.19	0.28	0.40	0.62	0.90	1.33	1.81	2.93	4.19	5.44	22.60
25	0.20	0.29	0.42	0.65	0.94	1.39	1.89	3.06	4.38	5.69	23.54
40	0.22	0.32	0.45	0.71	1.02	1.52	2.06	3.33	4.77	6.19	25.46
50	0.22	0.33	0.47	0.73	1.06	1.57	2.14	3.46	4.96	6.43	26.35
100	0.25	0.36	0.52	0.81	1.18	1.75	2.38	3.85	5.51	7.15	29.04
200	0.27	0.40	0.58	0.89	1.30	1.92	2.61	4.23	6.06	7.86	31.65
1000	0.33	0.48	0.69	1.08	1.56	2.31	3.14	5.09	7.28	9.45	37.43
10000	0.41	0.59	0.85	1.33	1.92	2.85	3.88	6.27	8.98	11.65	45.30
PMP	0.82	1.20	1.72	2.68	3.88	5.76	7.82	12.65	18.12	23.50	99.66
MEAN	0.098	0.143	0.205	0.319	0.463	0.687	0.933	1.509	2.162	2.805	11.704
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.283	0.573	0.574	0.573	0.571	0.367	0.807	1.099	0.673	0.246	1.009
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.375 ; INTERCEPT (TIME=1 HOUR) =0.465 ; COEFFICIENT OF DETERMINATION = 0.992
1HR INTERCEPT / MEAN YR =0.03974 ; AVERAGE CALC CV / USED CV = 0.79

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.599	3.381	3.288	3.419	3.758	2.657	3.729	4.821	3.489	2.278	3.742
N	17	17	17	17	17	17	17	17	17	17	17
RECORD YEAR	1169	1169	1169	1162	1162	1166	1166	1166	1166	1171	1169
RECORD MAXIMUM	0.240	0.260	0.350	0.520	0.820	1.180	1.770	2.940	3.770	4.600	24.280
NORMILIZED MAX	2.426	2.218	2.014	2.041	2.352	1.970	2.321	2.567	2.098	1.588	2.183
CALC. COEF. VAR	0.601	0.369	0.350	0.308	0.328	0.364	0.387	0.369	0.355	0.403	0.492
REGN. COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
USED COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
MEAN/A	0.0083	0.0122	0.0175	0.0273	0.0396	0.0587	0.0797	0.1290	0.1847	0.2396	1.0000
RP10/A	0.0138	0.0203	0.0291	0.0453	0.0656	0.0974	0.1323	0.2140	0.3065	0.3977	1.6708
RP25/A	0.0169	0.0248	0.0356	0.0553	0.0802	0.1190	0.1616	0.2614	0.3744	0.4858	2.0113
RP50/A	0.0191	0.0280	0.0402	0.0626	0.0907	0.1346	0.1827	0.2956	0.4234	0.5493	2.2516
RP100/A	0.0213	0.0311	0.0447	0.0696	0.1008	0.1497	0.2032	0.3288	0.4709	0.6110	2.4816
RP1000/A	0.0281	0.0411	0.0591	0.0919	0.1333	0.1978	0.2686	0.4345	0.6223	0.8074	3.1984
RP10000/A	0.0347	0.0507	0.0729	0.1134	0.1644	0.2439	0.3312	0.5359	0.7675	0.9957	3.8702
PMP/A	0.0699	0.1023	0.1470	0.2287	0.3315	0.4920	0.6680	1.0808	1.5479	2.0082	8.5150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. 8SN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
W28 9325 0	VICTORVILLE	2859					S	34.533	117.300	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.17	0.28	0.37	0.61	0.86	1.02	******
1941	*****	*****	*****	*****	0.26	0.40	0.49	0.78	0.79	1.03	12.44
1942	*****	*****	*****	*****	0.15	0.25	0.32	0.38	0.40	0.40	2.04
1943	*****	*****	*****	*****	0.69	0.71	0.75	1.03	1.80	2.17	12.40
1944	*****	*****	*****	*****	0.26	0.49	0.70	1.14	1.67	1.94	8.02
1945	*****	*****	*****	*****	0.36	0.46	0.49	0.73	0.83	0.91	5.38
1946	*****	*****	*****	*****	0.36	0.59	0.79	0.99	1.11	1.32	3.65
1947	*****	*****	*****	*****	0.33	0.54	0.59	0.61	0.80	1.16	3.07
1948	*****	*****	*****	*****	0.23	0.39	0.51	0.98	1.29	1.59	4.25
1949	0.05	0.06	0.07	0.10	0.11	0.13	0.18	0.30	0.32	0.52	4.18
1950	0.20	0.25	0.35	0.37	0.38	0.38	0.45	0.45	0.45	0.45	2.36
1951	0.04	0.07	0.10	0.16	0.28	0.39	0.46	0.50	0.60	0.64	5.31
1952	0.05	0.08	0.11	0.22	0.31	0.48	0.60	0.77	1.04	1.37	9.91
1953	0.07	0.08	0.08	0.10	0.11	0.11	0.12	0.14	0.16	0.16	1.27
1954	0.07	0.08	0.13	0.16	0.30	0.54	0.75	1.42	1.96	1.96	6.59
1955	0.02	0.03	0.05	0.06	0.10	0.18	0.25	0.36	0.36	0.38	2.56
1956	0.03	0.04	0.06	0.09	0.15	0.21	0.30	0.56	0.87	1.43	3.05
1957	0.03	0.06	0.09	0.14	0.17	0.22	0.31	0.47	0.63	0.68	5.31
1958	0.09	0.13	0.20	0.22	0.22	0.31	0.46	0.60	0.82	1.10	5.04
1959	0.07	0.07	0.09	0.12	0.19	0.28	0.36	0.45	0.47	0.47	2.83
1960	0.02	0.03	0.04	0.05	0.10	0.15	0.18	0.23	0.34	0.34	2.28
1961	0.09	0.13	0.23	0.25	0.25	0.25	0.36	0.48	0.60	0.62	1.86
1962	0.01	0.02	0.03	0.06	0.10	0.17	0.20	0.24	0.25	0.30	1.93
1963	0.15	0.26	0.35	0.51	0.54	0.74	0.75	0.87	1.35	1.43	5.14
1964	0.02	0.04	0.06	0.12	0.21	0.26	0.29	0.31	0.31	0.32	2.28
1965	0.17	0.24	0.29	0.33	0.48	0.48	0.61	0.77	0.93	0.93	6.64
1966	0.04	0.05	0.06	0.10	0.10	0.15	0.15	0.18	0.25	0.27	2.51
1967	0.11	0.17	0.21	0.23	0.31	0.42	0.45	0.47	0.64	0.79	3.81
1968	0.10	0.15	0.20	0.25	0.23	0.29	0.31	0.41	0.49	0.51	1.89
1969	0.18	0.32	0.38	0.51	0.58	0.59	0.65	0.81	1.17	1.30	7.59
1970	0.04	0.06	0.08	0.12	0.20	0.32	0.45	0.65	0.82	1.31	4.67
1971	0.08	0.11	0.13	0.16	0.18	0.19	0.19	0.24	0.26	0.26	2.06
1972	0.08	0.14	0.19	0.30	0.42	0.45	0.46	0.47	0.47	0.47	2.28
1973	*****	*****	*****	*****	0.24	0.38	0.59	0.86	0.91	1.14	4.10
1974	*****	*****	*****	*****	3.40	5.80	6.90	8.40	10.90	13.30	49.30

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 8SN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
W28 9325 0	VICTORVILLE	2859					S	34.533	117.300	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.07	0.10	0.13	0.18	0.32	0.46	0.56	0.74	0.95	1.14	5.39
5	0.10	0.15	0.20	0.27	0.48	0.70	0.85	1.11	1.44	1.71	8.07
10	0.13	0.18	0.25	0.33	0.58	0.85	1.03	1.36	1.75	2.09	9.73
20	0.15	0.22	0.29	0.38	0.68	1.00	1.21	1.59	2.05	2.44	11.25
25	0.15	0.23	0.30	0.40	0.71	1.04	1.26	1.66	2.14	2.55	11.71
40	0.17	0.25	0.33	0.44	0.78	1.13	1.37	1.81	2.33	2.77	12.67
50	0.17	0.26	0.34	0.45	0.81	1.18	1.43	1.88	2.42	2.88	13.11
100	0.19	0.28	0.38	0.50	0.90	1.31	1.59	2.09	2.69	3.20	14.45
200	0.21	0.31	0.42	0.55	0.99	1.44	1.74	2.29	2.95	3.52	15.75
1000	0.25	0.37	0.50	0.66	1.19	1.73	2.10	2.76	3.55	4.23	18.63
10000	0.31	0.46	0.62	0.82	1.46	2.13	2.59	3.40	4.38	5.22	22.54
PMP	0.63	0.93	1.25	1.65	2.95	4.30	5.22	6.86	8.84	10.53	49.59
MEAN	0.075	0.111	0.149	0.197	0.352	0.514	0.623	0.819	1.055	1.257	5.824
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.005	1.176	0.978	1.227	5.347	5.633	5.645	5.481	5.338	5.359	4.810
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.400 ; INTERCEPT (TIME=1 HOUR) =0.330 ; COEFFICIENT OF DETERMINATION = 0.990
1HR INTERCEPT / MEAN YR =0.05672 ; AVERAGE CALC CV / USED CV = 2.32

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.516	3.807	3.143	4.276	32.643	34.984	35.087	33.769	32.610	32.817	28.076
N	24	24	24	24	35	35	35	35	35	35	34
RECORD YEAR	1950	1969	1969	1963	1974	1974	1974	1974	1974	1974	1974
RECORD MAXIMUM	0.200	0.320	0.380	0.510	3.400	5.800	6.900	8.400	10.900	13.300	49.300
NORMILIZED MAX	2.326	2.521	2.179	2.416	5.561	5.658	5.663	5.608	5.559	5.568	5.308
CALC. COEF. VAR	0.710	0.744	0.710	0.657	1.557	1.819	1.781	1.651	1.679	1.721	1.407
REGN. COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
USED COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
MEAN/A	0.0130	0.0191	0.0256	0.0338	0.0604	0.0882	0.1069	0.1406	0.1811	0.2158	1.0000
RP10/A	0.0215	0.0317	0.0425	0.0562	0.1003	0.1464	0.1774	0.2333	0.3006	0.3582	1.6708
RP25/A	0.0263	0.0387	0.0519	0.0686	0.1225	0.1788	0.2167	0.2850	0.3672	0.4375	2.0113
RP50/A	0.0297	0.0438	0.0587	0.0776	0.1385	0.2022	0.2450	0.3223	0.4152	0.4947	2.2516
RP100/A	0.0330	0.0487	0.0653	0.0863	0.1541	0.2249	0.2726	0.3585	0.4618	0.5502	2.4816
RP1000/A	0.0436	0.0644	0.0863	0.1140	0.2036	0.2972	0.3602	0.4737	0.6102	0.7271	3.1984
RP10000/A	0.0538	0.0794	0.1064	0.1406	0.2511	0.3665	0.4442	0.5842	0.7526	0.8967	3.8702
PMP/A	0.1085	0.1601	0.2146	0.2836	0.5065	0.7392	0.8959	1.1783	1.5179	1.8086	8.5150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BNM	LATITUDE	LONGITUDE	COUNTY
x10 176 0	AMBOY	635	05	05N	12E	S	34.567	115.750	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1943	0.03	0.04	0.07	0.12	0.18	0.25	0.27	0.35	0.37	0.37	******
1944	0.11	0.15	0.20	0.30	0.33	0.33	0.34	0.39	0.43	0.43	******
1945	0.12	0.18	0.22	0.33	0.36	0.36	0.36	0.36	0.36	0.36	1.19
1946	0.42	0.60	0.68	0.74	0.74	0.74	0.75	0.75	0.75	0.75	2.18
1947	0.06	0.06	0.08	0.09	0.09	0.12	0.14	0.14	0.15	0.15	1.18
1948	0.06	0.10	0.14	0.28	0.40	0.40	0.40	0.58	0.63	0.68	0.88
1949	*****	*****	*****	*****	0.36	0.48	0.70	0.78	0.78	0.78	2.51
1950	0.24	0.26	0.27	0.34	0.34	0.34	0.34	0.34	0.42	0.42	0.42
1951	0.14	0.20	0.25	0.34	0.39	0.44	0.44	0.44	0.44	0.44	2.61
1952	0.11	0.16	0.17	0.17	0.29	0.40	0.66	0.85	0.93	0.96	2.57
1953	0.03	0.04	0.05	0.10	0.17	0.31	0.38	0.51	0.64	0.72	1.21
1954	0.15	0.23	0.35	0.63	0.85	1.04	1.10	1.12	1.12	1.12	2.13
1958	0.25	0.37	0.56	0.64	0.65	0.65	0.65	0.65	0.65	0.65	3.22
1959	0.16	0.27	0.33	0.43	0.55	0.57	0.57	0.87	1.02	1.06	3.82
1960	0.08	0.16	0.20	0.29	0.29	0.36	0.51	0.67	0.80	0.90	3.56
1961	0.22	0.27	0.33	0.47	0.50	0.53	0.56	0.59	0.59	0.59	1.53
1962	0.01	0.02	0.03	0.04	0.06	0.08	0.09	0.12	0.13	0.13	0.41
1963	0.12	0.12	0.12	0.17	0.22	0.38	0.52	0.65	0.70	1.30	2.78
1964	0.41	0.42	0.42	0.42	0.42	0.43	0.43	0.53	0.53	0.53	0.72
1965	0.14	0.22	0.28	0.32	0.36	0.37	0.37	0.38	0.60	0.72	4.35
1966	0.22	0.38	0.38	0.45	0.45	0.45	0.45	0.45	0.45	0.69	1.60
1967	0.23	0.24	0.26	0.46	0.58	0.59	0.60	0.63	0.63	0.63	2.89
1968	0.04	0.06	0.09	0.15	0.25	0.43	0.57	0.72	0.73	0.76	1.66
1969	0.12	0.15	0.18	0.30	0.43	0.47	0.48	0.49	0.49	0.49	1.43
1970	*****	*****	*****	*****	0.33	0.35	0.35	0.40	0.40	0.40	1.60
1971	0.40	0.52	0.75	0.82	0.95	0.95	0.95	0.95	0.95	0.95	1.23
1972	0.07	0.10	0.17	0.17	0.20	0.20	0.20	0.20	0.20	0.32	1.68

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BNM	LATITUDE	LONGITUDE	COUNTY
x10 176 0	AMBOY	635	05	05N	12E	S	34.567	115.750	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.17	0.21	0.28	0.32	0.36	0.39	0.44	0.47	0.51	1.78
5	0.22	0.30	0.37	0.48	0.55	0.62	0.68	0.77	0.82	0.89	2.79
10	0.29	0.39	0.48	0.63	0.73	0.82	0.90	1.01	1.08	1.18	3.44
20	0.36	0.49	0.60	0.78	0.91	1.02	1.11	1.26	1.34	1.46	4.05
25	0.38	0.52	0.64	0.83	0.96	1.08	1.18	1.34	1.43	1.55	4.24
40	0.43	0.58	0.72	0.93	1.08	1.21	1.33	1.51	1.60	1.75	4.33
50	0.45	0.61	0.76	0.98	1.14	1.28	1.40	1.58	1.69	1.84	4.81
100	0.52	0.71	0.87	1.14	1.32	1.48	1.62	1.83	1.95	2.12	5.36
200	0.59	0.80	0.99	1.29	1.50	1.67	1.84	2.08	2.21	2.41	5.89
1000	0.76	1.02	1.26	1.64	1.91	2.13	2.34	2.65	2.82	3.07	7.10
10000	0.99	1.33	1.65	2.15	2.49	2.79	3.06	3.46	3.69	4.02	8.75
PMP	1.68	2.26	2.80	3.64	4.23	4.73	5.19	5.87	6.26	6.81	18.41
MEAN	0.158	0.213	0.263	0.343	0.398	0.445	0.488	0.552	0.589	0.641	1.974
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.073	1.012	1.224	0.704	0.911	1.111	0.772	0.281	0.151	0.320	0.557
REGIONAL SKEW	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100
SKEW USED	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.692 ; INTERCEPT (TIME=1 HOUR) =0.376 ; COEFFICIENT OF DETERMINATION = 0.992
IMP INTERCEPT / MEAN YR =0.19050 ; AVERAGE CALC CV / USED CV = 0.94

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.787	3.969	4.548	3.307	4.036	5.148	4.446	3.173	2.998	3.106	2.955
N	25	25	25	25	27	27	27	27	27	27	25
RECORD YEAR	1946	1946	1971	1971	1971	1954	1954	1954	1954	1963	1965
RECORD MAXIMUM	0.420	0.600	0.750	0.820	0.950	1.040	1.100	1.120	1.120	1.300	4.350
NORMILIZED MAX	2.238	2.576	2.626	2.322	2.568	2.767	2.716	2.331	2.102	2.291	2.253
CALC. COEF. VAR	0.744	0.706	0.704	0.599	0.541	0.483	0.462	0.441	0.430	0.449	0.534
REGN. COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
USED COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
MEAN/A	0.0798	0.1078	0.1333	0.1736	0.2015	0.2255	0.2472	0.2797	0.2981	0.3245	1.0000
RP10/A	0.1466	0.1979	0.2448	0.3188	0.3699	0.4140	0.4540	0.5136	0.5473	0.5959	1.7442
RP25/A	0.1935	0.2613	0.3232	0.4210	0.4885	0.5467	0.5994	0.6781	0.7227	0.7868	2.1465
RP50/A	0.2290	0.3093	0.3825	0.4982	0.5781	0.6470	0.7095	0.8026	0.8553	0.9312	2.4346
RP100/A	0.2646	0.3572	0.4418	0.5755	0.6678	0.7474	0.8195	0.9270	0.9880	1.0756	2.7131
RP1000/A	0.3826	0.5166	0.6389	0.8321	0.9656	1.0807	1.1850	1.3405	1.4286	1.5554	3.5938
RP10000/A	0.5006	0.6759	0.8360	1.0888	1.2634	1.4140	1.5504	1.7540	1.8692	2.0351	4.4326
PMP/A	0.8485	1.1457	1.4170	1.8456	2.1416	2.3968	2.6282	2.9731	3.1685	3.4497	9.3250

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
X12 4297	0	IRON MTN	922	30	01N	18E		S	34.133	115.133	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1942	*****	*****	*****	*****	0.60	0.86	1.00	1.07	1.24	1.24	1.92
1943	*****	*****	*****	*****	0.17	0.25	0.29	0.44	0.67	0.68	2.62
1944	*****	*****	*****	*****	0.13	0.18	0.25	0.48	0.53	0.80	3.09
1945	*****	*****	*****	*****	0.49	0.53	0.53	0.54	0.54	0.54	2.55
1946	*****	*****	*****	*****	0.13	0.13	0.16	0.19	0.19	0.24	1.11
1947	*****	*****	*****	*****	0.43	0.62	0.62	0.62	0.76	0.89	1.96
1948	*****	*****	*****	*****	0.50	0.75	1.00	1.07	1.07	1.07	2.17
1949	0.05	0.10	0.15	0.22	0.30	0.30	0.42	0.68	1.11	1.78	3.72
1950	0.15	0.24	0.27	0.47	0.53	0.62	0.71	0.71	0.71	0.71	1.27
1951	0.08	0.12	0.17	0.31	0.50	0.61	0.68	0.96	1.33	1.70	4.53
1952	0.02	0.04	0.06	0.11	0.15	0.25	0.32	0.44	0.55	0.75	3.70
1953	0.12	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.19	0.50
1954	0.22	0.25	0.27	0.29	0.34	0.34	0.34	0.37	0.70	0.70	2.70
1955	0.20	0.27	0.35	0.40	0.54	0.56	0.61	0.67	0.80	0.80	3.53
1956	0.01	0.02	0.03	0.05	0.06	0.07	0.08	0.09	0.09	0.09	0.26
1957	0.15	0.20	0.22	0.35	0.43	0.70	0.97	1.06	1.07	1.08	3.85
1958	0.09	0.14	0.20	0.23	0.29	0.29	0.36	0.36	0.36	0.36	2.10
1959	0.20	0.32	0.50	0.55	0.56	0.56	0.56	0.73	0.80	0.93	3.79
1960	0.15	0.25	0.36	0.38	0.73	0.75	0.77	0.93	0.96	1.01	3.75
1961	0.12	0.15	0.16	0.16	0.16	0.18	0.20	0.29	0.43	0.54	1.39
1962	0.05	0.09	0.10	0.10	0.15	0.26	0.35	0.48	0.48	0.48	0.87
1963	0.06	0.09	0.10	0.20	0.24	0.70	0.93	1.00	1.00	1.41	3.45
1964	0.04	0.05	0.07	0.07	0.07	0.12	0.17	0.30	0.35	0.35	0.94
1965	0.18	0.27	0.41	0.43	0.44	0.48	0.48	0.49	0.56	0.61	5.50
1966	0.11	0.18	0.21	0.30	0.44	0.55	0.56	0.61	0.75	1.16	3.70
1967	0.30	0.44	0.73	0.80	0.97	0.98	0.99	0.99	0.99	0.99	4.26
1968	0.38	0.68	0.90	1.35	1.79	2.00	2.08	2.08	2.08	2.08	3.38
1969	0.12	0.15	0.18	0.30	0.34	0.35	0.38	0.38	0.39	0.39	3.56
1970	0.28	0.50	0.75	1.42	1.54	1.55	1.57	1.57	1.60	1.60	2.98
1971	0.05	0.10	0.13	0.17	0.17	0.22	0.22	0.27	0.30	0.30	1.63
1972	0.46	0.50	0.56	0.72	0.75	0.80	1.00	1.20	1.21	1.21	3.42
1973	*****	*****	*****	*****	0.06	0.10	0.10	0.10	0.10	0.14	1.06
1974	*****	*****	*****	*****	*****	0.18	0.36	0.49	0.57	0.63	3.88

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
X12 4297	0	IRON MTN	922	30	01N	18E		S	34.133	115.133	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.18	0.24	0.32	0.36	0.44	0.47	0.53	0.59	0.67	2.43
5	0.21	0.31	0.41	0.55	0.62	0.75	0.81	0.92	1.03	1.16	3.82
10	0.27	0.40	0.54	0.73	0.81	1.00	1.07	1.21	1.36	1.53	4.71
20	0.34	0.50	0.67	0.91	1.01	1.24	1.33	1.51	1.69	1.90	5.54
25	0.36	0.53	0.71	0.96	1.08	1.31	1.41	1.60	1.80	2.02	5.80
40	0.41	0.60	0.80	1.08	1.21	1.48	1.59	1.80	2.02	2.27	5.92
50	0.43	0.63	0.84	1.14	1.27	1.56	1.67	1.90	2.13	2.39	6.58
100	0.50	0.73	0.97	1.32	1.47	1.80	1.93	2.19	2.45	2.76	7.33
200	0.58	0.83	1.10	1.49	1.67	2.04	2.19	2.48	2.78	3.13	8.06
1000	0.72	1.06	1.40	1.90	2.13	2.60	2.79	3.17	3.55	3.99	9.71
10000	0.94	1.38	1.84	2.49	2.78	3.40	3.65	4.14	4.64	5.22	11.97
PMP	1.59	2.34	3.11	4.22	4.71	5.76	6.19	7.03	7.87	8.84	25.19
MEAN	0.150	0.220	0.293	0.397	0.443	0.542	0.582	0.661	0.741	0.832	2.701
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.212	1.280	1.287	1.904	2.057	3.054	1.604	1.297	0.904	0.679	-0.153
REGIONAL SKEW	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100
SKEW USED	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.634 ; INTERCEPT (TIME=1 HOUR) =0.433 ; COEFFICIENT OF DETERMINATION = 0.982
1HR INTERCEPT / MEAN YR =0.16030 ; AVERAGE CALC CV / USED CV = 1.30

KURTOSIS	4.548	4.589	4.132	6.598	8.010	15.059	6.483	5.471	4.402	3.240	2.468
N	24	24	24	24	32	33	33	33	33	33	33
RECORD YEAR	1972	1968	1968	1970	1968	1968	1968	1968	1968	1968	1965
RECORD MAXIMUM	0.460	0.680	0.900	1.420	1.790	2.900	2.080	2.080	2.080	2.080	5.500
NORMALIZED MAX	2.724	2.771	2.567	2.853	3.440	4.656	3.431	3.262	3.008	2.510	2.153
CALC. COEF. VAR	0.762	0.752	0.807	0.903	0.883	0.976	0.750	0.658	0.601	0.598	0.481
REGN. COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
USED COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
MEAN/A	0.0554	0.0816	0.1064	0.1470	0.1642	0.2007	0.2155	0.2447	0.2742	0.3079	1.0000
RP10/A	0.1017	0.1498	0.1991	0.2699	0.3014	0.3685	0.3957	0.4493	0.5035	0.5655	1.7442
RP25/A	0.1343	0.1978	0.2629	0.3564	0.3980	0.4866	0.5225	0.5932	0.6647	0.7466	2.1465
RP50/A	0.1589	0.2342	0.3112	0.4218	0.4711	0.5759	0.6184	0.7021	0.7867	0.8836	2.4346
RP100/A	0.1835	0.2705	0.3594	0.4872	0.5441	0.6652	0.7143	0.8110	0.9088	1.0207	2.7131
RP1000/A	0.2654	0.3911	0.5197	0.7045	0.7868	0.9619	1.0329	1.1727	1.3141	1.4759	3.5938
RP10000/A	0.3473	0.5117	0.6800	0.9219	1.0295	1.2586	1.3514	1.5343	1.7194	1.9311	4.4326
PMP/A	0.5887	0.8674	1.1527	1.5626	1.7450	2.1334	2.2908	2.6009	2.9145	3.2734	9.3250

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
X13 6115 0	NEEDLES	480	32	09N	23E		S	34.767	114.767	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1943	*****	*****	*****	*****	0.24	0.48	0.72	1.18	1.26	1.33	4.88
1944	*****	*****	*****	*****	0.16	0.24	0.31	0.45	0.50	0.72	3.55
1945	*****	*****	*****	*****	0.76	0.97	1.06	1.73	1.88	1.88	6.53
1946	*****	*****	*****	*****	0.45	0.47	0.51	0.52	0.53	0.60	4.64
1947	*****	*****	*****	*****	0.36	0.56	0.60	0.60	0.61	0.61	2.31
1948	*****	*****	*****	*****	0.19	0.20	0.30	0.34	0.34	0.40	1.53
1949	*****	*****	*****	*****	0.28	0.38	0.47	0.66	0.88	1.68	5.18
1950	0.16	0.17	0.21	0.23	0.24	0.44	0.45	0.45	0.45	0.45	1.26
1951	0.10	0.15	0.21	0.38	0.51	0.75	0.87	1.50	2.20	2.85	7.36
1952	0.08	0.14	0.18	0.35	0.40	0.51	0.52	0.52	0.75	0.77	5.82
1953	0.02	0.03	0.04	0.05	0.08	0.11	0.15	0.15	0.15	0.15	2.56
1954	0.02	0.03	0.04	0.05	0.09	0.14	0.20	0.40	0.59	1.04	2.69
1955	0.62	0.72	0.75	0.85	1.05	2.00	2.08	2.14	2.14	2.14	4.93
1956	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05
1957	0.15	0.17	0.19	0.22	0.24	0.29	0.31	0.43	0.60	0.85	4.68
1958	0.37	0.44	0.51	0.68	0.87	0.97	1.00	1.00	1.00	1.00	4.10
1959	0.30	0.34	0.37	0.65	0.85	0.91	1.00	1.06	1.23	1.23	4.92
1960	0.21	0.26	0.28	0.28	0.36	0.67	0.83	0.97	0.99	1.05	3.61
1961	0.11	0.13	0.19	0.29	0.30	0.30	0.41	0.45	0.47	0.47	2.18
1962	0.06	0.08	0.12	0.14	0.14	0.19	0.22	0.30	0.32	0.39	1.13
1963	0.22	0.23	0.23	0.24	0.25	0.50	0.60	0.72	0.89	0.98	3.83
1964	0.15	0.29	0.35	0.46	0.47	0.47	0.47	0.47	0.47	0.47	1.77
1965	0.13	0.25	0.26	0.29	0.32	0.51	0.64	1.00	1.21	1.43	8.31
1966	0.14	0.25	0.32	0.36	0.37	0.38	0.38	0.38	0.39	0.51	2.93
1967	0.10	0.14	0.19	0.20	0.20	0.21	0.23	0.32	0.32	0.32	2.17
1968	0.19	0.37	0.68	1.35	2.10	2.12	2.15	2.23	2.24	2.44	3.47
1969	0.01	0.02	0.03	0.04	0.07	0.10	0.13	0.14	0.15	0.15	2.03
1970	0.23	0.26	0.31	0.32	0.32	0.32	0.32	0.32	0.48	0.48	2.17
1971	0.01	0.02	0.02	0.03	0.05	0.05	0.06	0.07	0.08	0.09	2.39
1972	0.24	0.24	0.24	0.27	0.27	0.32	0.32	0.32	0.32	0.32	3.21
1973	*****	*****	*****	*****	0.18	0.33	0.43	0.53	0.60	0.73	2.44
1974	*****	*****	*****	*****	1.72	1.96	2.06	2.33	2.35	2.35	5.18

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
X13 6115 0	NEEDLES	480	32	09N	23E		S	34.767	114.767	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.17	0.20	0.27	0.35	0.45	0.50	0.60	0.66	0.75	3.20
5	0.22	0.29	0.35	0.47	0.60	0.78	0.86	1.03	1.15	1.30	5.03
10	0.29	0.38	0.46	0.62	0.80	1.03	1.14	1.36	1.52	1.72	6.20
20	0.36	0.47	0.57	0.77	0.99	1.28	1.42	1.69	1.88	2.13	7.29
25	0.38	0.50	0.61	0.82	1.05	1.36	1.50	1.80	2.00	2.27	7.63
40	0.43	0.57	0.68	0.92	1.18	1.52	1.69	2.02	2.25	2.55	7.80
50	0.46	0.60	0.72	0.97	1.24	1.61	1.78	2.13	2.37	2.68	8.66
100	0.53	0.69	0.83	1.12	1.44	1.85	2.06	2.46	2.74	3.10	9.65
200	0.60	0.78	0.94	1.27	1.63	2.10	2.33	2.79	3.11	3.52	10.61
1000	0.76	0.99	1.20	1.62	2.08	2.68	2.97	3.55	3.96	4.48	12.78
10000	1.00	1.30	1.57	2.12	2.72	3.51	3.89	4.65	5.18	5.87	15.76
PMP	1.69	2.20	2.66	3.59	4.61	5.95	6.59	7.88	8.78	9.94	33.16
MEAN	0.159	0.207	0.250	0.338	0.433	0.559	0.620	0.742	0.826	0.935	3.557
CLOCK MR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.791	1.436	1.241	1.906	2.380	1.968	1.826	1.400	1.185	1.106	0.605
REGIONAL SKEW	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100
SKEW USED	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.613 ; INTERCEPT (TIME=1 HOUR) =0.424 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.11914 ; AVERAGE CALC CV / USED CV = 1.39

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	7.758	6.544	4.872	7.703	9.064	6.536	6.073	4.327	3.587	3.672	3.374
N	23	23	23	23	32	32	32	32	32	32	32
RECORD YEAR	1955	1955	1955	1968	1968	1968	1968	1974	1974	1951	1965
RECORD MAXIMUM	0.620	0.720	0.750	1.350	2.100	2.120	2.150	2.330	2.350	2.850	8.310
NORMILIZED MAX	3.330	3.165	2.622	3.306	3.613	2.897	2.772	2.543	2.284	2.599	2.525
CALC. COEF. VAR	0.873	0.781	0.761	0.906	1.064	0.963	0.890	0.842	0.808	0.788	0.529
REGN. COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
USED COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
MEAN/A	0.0446	0.0583	0.0704	0.0950	0.1219	0.1573	0.1744	0.2085	0.2322	0.2630	1.0000
RP10/A	0.0819	0.1071	0.1293	0.1744	0.2238	0.2888	0.3203	0.3829	0.4264	0.4829	1.7442
RP25/A	0.1082	0.1414	0.1707	0.2303	0.2955	0.3813	0.4229	0.5055	0.5630	0.6376	2.1665
RP50/A	0.1280	0.1673	0.2021	0.2726	0.3497	0.4513	0.5005	0.5983	0.6664	0.7546	2.4346
RP100/A	0.1479	0.1933	0.2334	0.3148	0.4039	0.5213	0.5781	0.6911	0.7697	0.8717	2.7131
RP1000/A	0.2139	0.2795	0.3375	0.4553	0.5841	0.7538	0.8359	0.9993	1.1130	1.2604	3.5938
RP10000/A	0.2798	0.3657	0.4416	0.5957	0.7643	0.9863	1.0938	1.3075	1.4563	1.6492	4.4326
PMP/A	0.4743	0.6199	0.7485	1.0097	1.2955	1.6719	1.8540	2.2164	2.4686	2.7955	9.3250

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
X14 6699 0	PARKER	738		02N	27E		S	34.283	114.167	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1942	*****	*****	*****	*****	0.35	0.35	0.35	0.35	0.35	0.35	1.71
1943	*****	*****	*****	*****	0.27	0.44	0.56	0.56	0.56	1.00	4.04
1944	*****	*****	*****	*****	0.58	0.58	0.58	0.58	0.68	0.85	6.28
1945	*****	*****	*****	*****	1.21	1.61	1.62	1.76	1.77	1.77	6.78
1946	*****	*****	*****	*****	0.42	0.46	0.46	0.47	0.47	0.48	3.54
1947	*****	*****	*****	*****	0.21	0.21	0.21	0.27	*****	0.45	1.65
1948	*****	*****	*****	*****	0.74	1.13	1.13	1.13	1.28	1.28	4.38
1949	*****	*****	*****	*****	0.19	0.38	0.49	0.49	0.61	1.13	3.65
1950	0.10	0.15	0.16	0.18	0.18	0.24	0.24	0.25	0.25	0.34	1.63
1951	0.15	0.23	0.33	0.41	0.43	0.46	0.64	1.20	2.09	3.13	9.30
1952	0.09	0.13	0.14	0.18	0.30	0.35	0.36	0.61	0.95	1.04	5.75
1953	0.12	0.20	0.25	0.39	0.52	0.69	0.88	0.91	1.02	1.04	2.18
1954	0.11	0.17	0.21	0.37	0.45	0.51	0.55	0.78	0.89	1.37	4.31
1955	0.22	0.31	0.46	0.51	0.52	0.58	0.60	0.60	0.60	0.60	3.38
1956	0.02	0.03	0.04	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.22
1957	0.12	0.19	0.24	0.30	0.30	0.35	0.36	0.64	0.64	0.71	5.20
1958	0.21	0.29	0.41	0.54	0.55	0.55	0.75	0.86	0.91	1.09	5.53
1959	0.54	0.62	0.72	0.76	0.79	0.79	0.79	1.29	1.38	1.40	6.28
1960	0.18	0.20	0.21	0.26	0.44	0.44	0.56	0.73	0.76	0.79	3.66
1961	0.12	0.20	0.21	0.29	0.33	0.39	0.41	0.54	0.54	0.68	3.29
1962	0.20	0.27	0.41	0.56	0.61	0.61	0.61	0.77	0.93	1.03	3.57
1963	0.05	0.06	0.09	0.18	0.35	0.58	0.70	0.80	0.80	0.80	4.48
1964	0.02	0.04	0.06	0.12	0.20	0.30	0.36	0.40	0.56	0.56	1.67
1965	0.15	0.25	0.34	0.44	0.82	0.98	1.04	1.05	1.05	1.24	9.26
1966	0.25	0.27	0.35	0.41	0.57	0.74	0.91	1.00	1.00	1.04	3.55
1967	0.13	0.22	0.24	0.28	0.35	0.41	0.45	0.61	0.77	0.84	4.60
1968	0.10	0.19	0.20	0.28	0.36	0.53	0.54	0.61	0.63	0.63	2.01
1969	0.09	0.18	0.24	0.29	0.31	0.46	0.47	0.48	0.62	0.82	4.20
1970	0.20	0.24	0.25	0.31	0.33	0.34	0.34	0.35	0.51	0.83	3.22
1971	0.26	0.36	0.37	0.50	0.55	0.55	0.55	0.55	0.55	0.55	2.58
1972	0.61	0.85	0.91	0.92	0.98	0.99	0.99	1.00	1.00	1.46	7.25
1973	*****	*****	*****	*****	0.19	0.33	0.37	0.54	0.99	1.00	4.14
1974	*****	*****	*****	*****	0.38	0.58	0.75	1.02	1.09	1.10	3.48

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
X14 6699 0	PARKER	738		02N	27E		S	34.283	114.167	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.20	0.24	0.30	0.36	0.44	0.48	0.57	0.66	0.77	3.73
5	0.24	0.34	0.41	0.52	0.63	0.76	0.83	0.98	1.15	1.33	5.86
10	0.32	0.45	0.55	0.68	0.83	1.00	1.10	1.30	1.51	1.75	7.23
20	0.40	0.56	0.68	0.85	1.03	1.25	1.36	1.61	1.88	2.18	8.50
25	0.43	0.60	0.72	0.90	1.09	1.32	1.45	1.71	2.00	2.31	8.90
40	0.48	0.67	0.81	1.02	1.23	1.49	1.63	1.92	2.24	2.60	9.09
50	0.50	0.70	0.85	1.07	1.29	1.57	1.71	2.03	2.36	2.74	10.09
100	0.58	0.81	0.99	1.24	1.49	1.81	1.98	2.34	2.73	3.16	11.24
200	0.66	0.92	1.12	1.40	1.70	2.05	2.25	2.65	3.10	3.59	12.37
1000	0.84	1.18	1.43	1.79	2.16	2.62	2.86	3.38	3.95	4.57	14.89
10000	1.10	1.54	1.86	2.34	2.83	3.42	3.75	4.43	5.16	5.99	18.37
PMP	1.87	2.61	3.16	3.96	4.79	5.80	6.35	7.51	8.75	10.15	38.65
MEAN	0.176	0.246	0.297	0.373	0.451	0.546	0.598	0.706	0.823	0.955	4.145
CLOCK HR. CORR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.052	2.183	1.661	1.112	1.280	1.792	1.322	0.924	1.189	2.126	0.735
REGIONAL SKEW	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100
SKEW USED	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.668 ; INTERCEPT (TIME=1 HOUR) =0.440 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.10618 ; AVERAGE CALC CV / USED CV = 0.96

KURTOSIS	7.663	9.106	6.713	4.834	5.082	7.578	5.964	4.598	5.551	10.987	3.887
N	23	23	23	23	33	33	33	33	32	33	33
RECORD YEAR	1972	1972	1972	1972	1945	1945	1945	1945	1951	1951	1951
RECORD MAXIMUM	0.610	0.850	0.910	0.920	1.210	1.610	1.620	1.760	2.090	3.130	9.300
NORMALIZED MAX	3.051	3.400	3.076	2.763	3.113	3.616	3.373	3.068	3.111	4.088	2.469
CALC. COEF. VAR	0.810	0.724	0.670	0.532	0.541	0.539	0.507	0.486	0.494	0.557	0.504
REGN. COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
USED COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
MEAN/A	0.0424	0.0593	0.0718	0.0899	0.1088	0.1317	0.1442	0.1704	0.1987	0.2303	1.0000
RP10/A	0.0778	0.1088	0.1318	0.1651	0.1998	0.2418	0.2648	0.3128	0.3648	0.4229	1.7442
RP25/A	0.1028	0.1437	0.1740	0.2180	0.2638	0.3193	0.3496	0.4130	0.4817	0.5584	2.1465
RP50/A	0.1216	0.1701	0.2059	0.2580	0.3122	0.3779	0.4137	0.4888	0.5701	0.6609	2.4346
RP100/A	0.1405	0.1965	0.2378	0.2980	0.3606	0.4365	0.4779	0.5647	0.6585	0.7634	2.7131
RP1000/A	0.2031	0.2841	0.3439	0.4309	0.5214	0.6311	0.6910	0.8165	0.9522	1.1038	3.5938
RP10000/A	0.2658	0.3717	0.4500	0.5638	0.6823	0.8258	0.9042	1.0683	1.2459	1.4443	4.4326
PMP/A	0.4505	0.6301	0.7628	0.9557	1.1565	1.3998	1.5327	1.8109	2.1120	2.4482	9.3250

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 742 0	BIG BEAR LAKE DAM	6815	22	02N	01W		S	34.233	116.967	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.84	1.64	2.27	3.38	4.84	5.25	39.52
1941	*****	*****	*****	*****	0.70	1.30	1.77	2.34	3.28	3.38	49.81
1942	*****	*****	*****	*****	0.58	0.95	1.20	1.62	1.73	2.83	14.52
1943	*****	*****	*****	*****	0.95	1.80	2.65	5.05	7.96	13.61	46.99
1944	*****	*****	*****	*****	0.74	1.34	2.00	3.00	4.15	6.60	36.84
1945	*****	*****	*****	*****	0.68	1.24	1.70	2.63	4.56	7.75	41.98
1946	*****	*****	*****	*****	1.14	1.34	2.23	2.42	3.04	3.71	47.30
1947	*****	*****	*****	*****	0.68	0.71	1.01	1.67	2.77	4.55	16.18
1948	*****	*****	*****	*****	0.60	0.96	1.21	2.43	3.71	5.73	29.57
1949	*****	*****	*****	*****	0.49	0.94	1.32	2.15	3.47	5.23	35.21
1950	*****	*****	*****	*****	0.54	0.74	0.79	1.58	2.61	3.03	20.41
1951	0.13	0.19	0.24	0.45	0.78	1.20	1.89	2.86	3.07	3.10	40.08
1952	0.40	0.51	0.58	0.62	1.30	1.68	1.81	2.25	3.54	4.18	51.46
1953	0.03	0.05	0.06	0.12	0.21	0.34	0.55	0.85	1.05	1.22	13.30
1954	0.11	0.20	0.30	0.55	0.70	1.30	1.80	2.90	4.30	3.32	47.30
1955	0.31	0.41	0.46	0.47	0.49	0.50	0.68	1.12	1.32	2.62	30.68
1956	0.18	0.32	0.48	0.48	0.48	0.92	1.35	2.65	3.65	3.65	22.07
1957	0.09	0.16	0.30	0.50	0.83	1.63	2.28	3.96	5.95	7.59	49.93
1958	0.10	0.15	0.18	0.33	0.65	1.05	1.57	2.73	3.77	4.61	46.01
1959	0.25	0.34	0.46	0.68	0.68	1.01	1.32	1.99	3.10	4.56	31.26
1960	0.08	0.15	0.21	0.30	0.46	0.66	0.86	1.53	2.51	3.80	28.39
1961	0.24	0.37	0.50	0.70	1.20	1.23	1.24	2.02	2.68	2.88	18.36
1962	0.13	0.20	0.28	0.47	0.84	1.42	1.72	2.65	3.73	4.80	32.47
1963	0.22	0.30	0.41	0.61	0.71	0.97	1.22	2.34	3.61	4.16	31.10
1964	0.10	0.11	0.15	0.27	0.56	1.02	1.34	2.12	2.66	2.70	28.47
1965	0.12	0.24	0.36	0.68	1.23	2.42	3.24	5.36	8.85	12.89	59.84
1966	0.11	0.20	0.27	0.47	0.85	1.60	2.00	3.45	6.38	6.53	33.73
1967	0.06	0.10	0.14	0.25	0.47	0.82	1.06	1.47	1.55	2.00	******
1968	*****	*****	*****	*****	0.40	0.60	0.70	0.90	1.50	2.40	******
1969	*****	*****	*****	*****	1.50	2.40	3.70	6.10	10.10	14.70	51.20
1970	*****	*****	*****	*****	0.50	0.90	1.30	2.00	2.80	4.60	31.40
1971	*****	*****	*****	*****	0.20	0.30	0.40	0.60	0.90	1.40	******
1972	*****	*****	*****	*****	0.60	0.80	1.00	1.60	2.30	2.70	15.10
1973	*****	*****	*****	*****	0.60	0.90	1.10	1.60	2.60	3.50	28.00
1974	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	20.90

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 742 0	BIG BEAR LAKE DAM	6815	22	02N	01W		S	34.233	116.967	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.21	0.28	0.41	0.63	1.01	1.37	2.18	3.24	4.33	31.95
5	0.21	0.32	0.43	0.61	0.96	1.53	2.07	3.30	4.92	6.57	44.93
10	0.26	0.39	0.53	0.76	1.18	1.89	2.55	4.07	6.06	8.09	53.00
20	0.31	0.46	0.62	0.89	1.39	2.22	3.01	4.80	7.14	9.53	60.36
25	0.32	0.48	0.65	0.94	1.46	2.33	3.15	5.03	7.48	9.99	62.63
40	0.35	0.53	0.71	1.02	1.60	2.55	3.45	5.50	8.19	10.94	67.27
50	0.37	0.55	0.74	1.07	1.66	2.65	3.59	5.73	8.52	11.38	69.42
100	0.41	0.62	0.83	1.19	1.86	2.97	4.02	6.41	9.54	12.74	75.92
200	0.45	0.68	0.91	1.32	2.06	3.28	4.45	7.08	10.55	14.08	82.21
1000	0.55	0.83	1.11	1.60	2.50	4.00	5.41	8.62	12.83	17.13	96.19
10000	0.69	1.03	1.39	2.00	3.12	4.99	6.75	10.76	16.02	21.39	115.18
PMP	1.32	1.98	2.66	3.83	5.98	9.56	12.93	20.61	30.68	40.96	246.47
MEAN	0.156	0.235	0.316	0.456	0.711	1.136	1.538	2.450	3.648	4.870	34.043
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.178	0.884	0.097	-0.425	0.845	0.827	1.064	1.298	1.526	1.928	0.083
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.369 ; INTERCEPT (TIME=1 HOUR) =0.737 ; COEFFICIENT OF DETERMINATION = 0.996
IMP INTERCEPT / MEAN YR =0.02164 ; AVERAGE CALC CV / USED CV = 0.95

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.414	3.437	2.606	3.255	4.010	4.145	4.655	5.153	5.637	6.644	2.335
N	17	17	17	17	34	34	34	34	34	34	32
RECORD YEAR	1952	1952	1952	1961	1969	1965	1969	1969	1969	1969	1965
RECORD MAXIMUM	0.400	0.510	0.580	0.700	1.500	2.420	3.700	6.100	10.100	14.700	59.840
NORMILIZED MAX	2.497	2.239	1.792	1.538	2.694	2.597	2.966	2.969	3.075	3.061	2.040
CALC. COEF. VAR	0.623	0.521	0.465	0.348	0.412	0.435	0.474	0.502	0.575	0.660	0.372
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0046	0.0069	0.0093	0.0134	0.0209	0.0334	0.0452	0.0720	0.1072	0.1431	1.0000
RP10/A	0.0076	0.0115	0.0154	0.0222	0.0347	0.0554	0.0750	0.1195	0.1779	0.2375	1.5570
RP25/A	0.0094	0.0142	0.0191	0.0275	0.0428	0.0685	0.0926	0.1476	0.2198	0.2934	1.8397
RP50/A	0.0107	0.0161	0.0217	0.0313	0.0488	0.0780	0.1055	0.1682	0.2504	0.3343	2.0392
RP100/A	0.0120	0.0181	0.0243	0.0350	0.0547	0.0873	0.1182	0.1883	0.2803	0.3742	2.2303
RP1000/A	0.0162	0.0243	0.0327	0.0471	0.0735	0.1174	0.1589	0.2531	0.3769	0.5031	2.8254
RP10000/A	0.0202	0.0304	0.0408	0.0588	0.0918	0.1466	0.1984	0.3161	0.4707	0.6283	3.3833
PMP/A	0.0387	0.0581	0.0782	0.1126	0.1757	0.2807	0.3799	0.6053	0.9013	1.2031	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.		STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUB											
Y01 1267	1	CAJON JUNCTION	167	3118	26	03N	06W	S	34.310	117.474	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1944	*****	*****	0.20	0.38	0.53	1.05	*****	2.62	4.80	8.52	28.44
1945	*****	*****	0.25	0.25	0.40	0.63	*****	1.34	2.01	2.32	34.80
1946	*****	*****	0.21	0.31	0.50	0.94	*****	1.90	2.91	4.91	14.01
1947	*****	*****	0.18	0.28	0.44	0.82	*****	1.34	1.72	2.73	18.86
1948	*****	*****	0.13	0.25	0.46	0.65	*****	1.10	1.38	1.60	12.71
1949	*****	*****	0.15	0.17	0.30	0.57	*****	0.97	1.16	1.95	12.83
1950	*****	*****	0.12	0.20	0.30	0.50	*****	0.75	0.78	1.20	7.40
1951	*****	*****	0.15	0.25	0.32	0.60	*****	0.90	1.00	1.05	5.69
1952	*****	*****	0.20	0.25	0.49	0.90	*****	2.40	3.16	3.65	25.68
1953	*****	*****	0.20	0.42	0.83	1.03	*****	1.34	1.63	1.83	10.14
1954	*****	*****	0.14	0.20	0.47	0.89	*****	2.15	2.64	3.02	14.25
1955	*****	*****	0.41	0.61	0.86	1.21	*****	2.50	3.16	3.21	14.45
1956	*****	*****	0.11	0.22	0.41	0.77	*****	2.06	3.24	4.55	11.48
1957	*****	*****	0.20	0.35	0.60	1.14	*****	2.84	3.72	5.62	13.24
1958	*****	*****	0.20	0.31	0.61	1.09	*****	2.47	2.92	3.85	32.05
1959	*****	*****	0.25	0.33	0.47	0.82	*****	1.91	2.13	2.13	10.78
1960	*****	*****	0.12	0.22	0.34	0.58	*****	1.29	2.18	2.26	10.68
1961	*****	*****	0.35	0.40	0.40	0.66	*****	1.20	1.32	1.35	7.75
1962	*****	*****	0.26	0.38	0.65	1.28	*****	2.36	2.85	3.84	22.13
1963	*****	*****	0.20	0.35	0.45	0.80	*****	1.75	2.45	2.60	10.69
1964	*****	*****	0.10	0.17	0.30	0.60	*****	1.20	1.25	1.75	8.78
1965	*****	*****	0.15	0.25	0.35	0.55	*****	1.10	1.80	2.50	11.96
1966	*****	*****	0.30	0.50	0.85	1.30	*****	4.15	7.32	7.52	24.57
1967	*****	*****	0.15	0.25	0.49	0.76	*****	1.65	2.11	2.65	24.24
1968	*****	*****	0.22	0.26	0.32	0.50	*****	1.04	2.05	3.30	14.67
1969	*****	*****	0.58	0.87	1.62	2.62	*****	4.81	4.98	6.16	39.64
1970	*****	*****	0.15	0.24	0.36	0.66	*****	1.52	2.54	3.47	11.33
1971	*****	*****	0.25	0.45	0.90	1.50	*****	2.30	3.80	6.50	16.47
1972	*****	*****	0.25	0.37	0.60	0.85	*****	1.75	2.85	4.53	12.87

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.		STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUB											
Y01 1267	1	CAJON JUNCTION	167	3118	26	03N	06W	S	34.310	117.474	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.19	0.29	0.47	0.81	0.0	1.68	2.33	3.09	15.61
5	0.0	0.0	0.29	0.44	0.72	1.22	0.0	2.54	3.53	4.69	21.96
10	0.0	0.0	0.35	0.54	0.88	1.50	0.0	3.13	4.35	5.77	25.90
20	0.0	0.0	0.42	0.64	1.04	1.77	0.0	3.69	5.13	6.80	29.49
25	0.0	0.0	0.44	0.67	1.09	1.86	0.0	3.87	5.37	7.13	30.60
40	0.0	0.0	0.48	0.73	1.19	2.03	0.0	4.24	5.88	7.80	32.87
50	0.0	0.0	0.50	0.76	1.24	2.12	0.0	4.41	6.12	8.12	33.92
100	0.0	0.0	0.56	0.86	1.39	2.37	0.0	4.94	6.85	9.09	37.10
200	0.0	0.0	0.62	0.95	1.54	2.62	0.0	5.45	7.57	10.05	40.17
1000	0.0	0.0	0.75	1.15	1.87	3.19	0.0	6.63	9.21	12.22	47.00
10000	0.0	0.0	0.94	1.44	2.34	3.98	0.0	8.29	11.50	15.26	56.28
PMP	0.0	0.0	1.79	2.75	4.47	7.62	0.0	15.87	22.03	29.22	120.43
MEAN	0.0	0.0	0.213	0.327	0.532	0.906	0.0	1.887	2.619	3.475	16.634
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	2.049	2.128	2.667	2.557	0.0	1.560	1.579	1.060	1.194
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.304 ; INTERCEPT (TIME=1 HOUR) =0.545 ; COEFFICIENT OF DETERMINATION = 0.988
1HR INTERCEPT / MEAN YR =0.03276 ; AVERAGE CALC CV / USED CV = 0.95

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	8.675	9.092	12.246	12.007	0.0	6.151	6.858	3.852	3.888
N	0	0	29	29	29	29	0	29	29	29	29
RECORD YEAR	0	0	1969	1969	1969	1969	0	1969	1966	1944	1969
RECORD MAXIMUM	0.0	0.0	0.580	0.870	1.620	2.620	0.0	4.810	7.320	8.520	39.640
NORMILIZED MAX	0.0	0.0	3.653	3.716	4.072	4.057	0.0	3.153	3.409	2.638	2.646
CALC. COEF. VAR	0.0	0.0	0.471	0.446	0.503	0.466	0.0	0.492	0.526	0.550	0.523
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0128	0.0197	0.0320	0.0545	0.0	0.1134	0.1575	0.2089	1.0000
RP10/A	0.0	0.0	0.0213	0.0327	0.0531	0.0904	0.0	0.1883	0.2614	0.3468	1.5570
RP25/A	0.0	0.0	0.0263	0.0404	0.0656	0.1117	0.0	0.2326	0.3230	0.4285	1.8397
RP50/A	0.0	0.0	0.0299	0.0460	0.0747	0.1272	0.0	0.2650	0.3679	0.4881	2.0392
RP100/A	0.0	0.0	0.0335	0.0515	0.0836	0.1423	0.0	0.2967	0.4119	0.5465	2.2303
RP1000/A	0.0	0.0	0.0451	0.0692	0.1124	0.1915	0.0	0.3989	0.5538	0.7347	2.6254
RP10000/A	0.0	0.0	0.0563	0.0864	0.1404	0.2392	0.0	0.4981	0.6916	0.9175	3.3833
PMP/A	0.0	0.0	0.1077	0.1654	0.2688	0.4580	0.0	0.9538	1.3243	1.7568	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
Y01 1732 P	CHINO FIRE STA2 20C	655	16	025	08W		S	34.017	117.716	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1945	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	11.42
1946	*****	*****	*****	*****	0.53	0.92	*****	1.68	2.40	3.60	11.62
1947	*****	*****	*****	*****	0.49	0.80	*****	1.60	1.89	2.63	23.53
1948	*****	*****	*****	*****	0.35	0.62	*****	0.93	1.38	1.57	8.26
1949	*****	*****	*****	*****	0.35	0.59	*****	0.75	0.93	1.24	9.24
1950	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	13.07
1951	*****	*****	*****	*****	0.60	0.67	*****	0.85	1.00	1.10	9.79
1952	*****	*****	*****	*****	0.74	1.27	*****	2.75	3.57	3.71	27.20
1953	*****	*****	0.25	0.38	0.62	0.78	*****	1.13	1.25	1.47	12.32
1954	*****	*****	0.18	0.25	0.46	0.89	*****	2.10	2.69	4.27	16.68
1955	*****	*****	0.20	0.22	0.42	0.75	*****	1.35	1.76	1.76	12.49
1956	*****	*****	0.18	0.38	0.75	1.02	*****	2.48	4.30	6.21	13.46
1957	*****	*****	0.13	0.28	0.31	0.45	*****	1.34	1.75	1.75	9.75
1958	*****	*****	0.30	0.40	0.45	0.75	*****	1.57	2.51	4.02	28.29
1959	*****	*****	0.29	0.32	0.32	0.48	*****	0.98	1.38	1.44	5.95
1960	*****	*****	0.16	0.28	0.43	0.53	*****	0.96	1.35	1.44	9.48
1961	*****	*****	*****	*****	0.36	0.57	*****	0.80	0.90	0.90	5.61
1962	*****	*****	*****	*****	0.55	0.68	*****	1.29	2.71	3.46	16.14
1963	*****	*****	*****	*****	0.48	0.78	*****	1.57	2.44	3.87	13.05
1964	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	7.20
1965	*****	*****	0.25	0.30	0.60	0.75	*****	0.85	1.20	1.60	13.05
1966	*****	*****	0.10	0.20	0.35	0.50	*****	1.05	1.55	1.95	15.56
1967	*****	*****	0.30	0.50	0.60	0.90	*****	1.75	2.01	2.85	23.53
1968	*****	*****	0.60	0.85	1.20	1.70	*****	3.27	4.27	4.45	16.54
1969	*****	*****	0.22	0.32	0.61	0.83	*****	1.83	2.90	4.60	30.71
1970	*****	*****	0.23	0.32	0.44	0.65	*****	1.25	1.40	1.72	9.96
1971	*****	*****	0.19	0.20	0.25	0.44	*****	0.95	1.48	2.55	10.01
1972	*****	*****	0.15	0.22	0.35	0.60	*****	1.20	1.90	2.30	8.40

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
Y01 1732 P	CHINO FIRE STA2 20C	655	16	025	08W		S	34.017	117.716	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.21	0.30	0.45	0.67	0.0	1.29	1.81	2.36	13.15
5	0.0	0.0	0.31	0.46	0.68	1.02	0.0	1.96	2.75	3.58	18.49
10	0.0	0.0	0.39	0.56	0.84	1.25	0.0	2.41	3.38	4.41	21.81
20	0.0	0.0	0.46	0.66	0.99	1.48	0.0	2.84	3.99	5.20	24.84
25	0.0	0.0	0.48	0.69	1.03	1.55	0.0	2.98	4.18	5.45	25.77
40	0.0	0.0	0.52	0.76	1.13	1.69	0.0	3.26	4.57	5.97	27.68
50	0.0	0.0	0.54	0.79	1.18	1.76	0.0	3.39	4.76	6.21	28.57
100	0.0	0.0	0.61	0.89	1.32	1.97	0.0	3.80	5.33	6.95	31.25
200	0.0	0.0	0.67	0.98	1.46	2.18	0.0	4.20	5.89	7.69	33.83
1000	0.0	0.0	0.82	1.19	1.77	2.65	0.0	5.10	7.16	9.35	39.59
10000	0.0	0.0	1.02	1.49	2.22	3.32	0.0	6.37	8.95	11.68	47.40
PMP	0.0	0.0	1.96	2.85	4.24	6.35	0.0	12.20	17.13	22.36	101.43
MEAN	0.0	0.0	0.232	0.339	0.504	0.755	0.0	1.451	2.037	2.658	14.010
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	2.332	2.438	1.904	1.902	0.0	1.377	1.098	0.802	1.197
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.433 ; INTERCEPT (TIME=1 HOUR) =0.507 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.03615 ; AVERAGE CALC CV / USED CV = 0.87

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	10.357	10.340	8.610	8.084	0.0	4.915	3.907	3.275	3.868
N	0	0	16	16	25	25	0	25	25	25	28
RECORD YEAR	0	0	1965	1965	1968	1968	0	1968	1956	1956	1969
RECORD MAXIMUM	0.0	0.0	0.600	0.850	1.200	1.700	0.0	3.270	4.300	6.210	30.710
NORMILIZED MAX	0.0	0.0	3.217	3.218	3.534	3.427	0.0	2.839	2.364	2.578	2.467
CALC. COEF. VAR	0.0	0.0	0.491	0.469	0.390	0.365	0.0	0.441	0.470	0.518	0.483
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0166	0.0242	0.0360	0.0539	0.0	0.1036	0.1454	0.1897	1.0000
RP10/A	0.0	0.0	0.0276	0.0401	0.0598	0.0894	0.0	0.1720	0.2414	0.3150	1.5570
RP25/A	0.0	0.0	0.0340	0.0496	0.0738	0.1105	0.0	0.2125	0.2982	0.3892	1.8397
RP50/A	0.0	0.0	0.0388	0.0565	0.0841	0.1259	0.0	0.2420	0.3397	0.4433	2.0392
RP100/A	0.0	0.0	0.0434	0.0633	0.0942	0.1409	0.0	0.2710	0.3803	0.4964	2.2303
RP1000/A	0.0	0.0	0.0584	0.0850	0.1266	0.1895	0.0	0.3643	0.5113	0.6673	2.8254
RP10000/A	0.0	0.0	0.0729	0.1062	0.1581	0.2366	0.0	0.4549	0.6385	0.8334	3.3833
PMP/A	0.0	0.0	0.1396	0.2033	0.3028	0.4531	0.0	0.8711	1.2226	1.5958	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
Y01 1941 2	COLTON CITY HALL	27A	9R0	20	01S	04W	S	34.067	117.323	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1945	*****	*****	0.18	0.27	0.28	0.45	*****	0.68	1.04	1.14	14.71
1946	*****	*****	0.22	0.31	0.48	0.78	*****	1.44	2.18	3.22	9.17
1947	*****	*****	0.24	0.35	0.35	0.60	*****	0.75	0.95	1.58	12.25
1948	*****	*****	0.14	0.28	0.35	0.58	*****	0.90	1.28	1.54	7.91
1949	*****	*****	0.32	0.42	0.50	0.74	*****	0.74	0.90	1.05	12.59
1950	*****	*****	0.10	0.20	0.30	0.60	*****	1.02	1.10	1.20	9.66
1951	*****	*****	0.16	0.21	0.38	0.58	*****	0.95	1.00	1.00	5.69
1952	*****	*****	0.15	0.23	0.46	0.65	*****	1.47	2.14	3.70	19.66
1953	*****	*****	0.12	0.22	0.50	0.61	*****	0.75	0.90	1.22	10.96
1954	*****	*****	0.20	0.30	0.37	0.67	*****	1.54	1.98	2.35	12.81
1955	*****	*****	0.24	0.40	0.69	0.87	*****	1.73	2.21	2.53	10.86
1956	*****	*****	0.29	0.32	0.42	0.81	*****	1.05	2.78	4.72	12.47
1957	*****	*****	0.20	0.21	0.39	0.54	*****	0.83	1.04	1.11	11.18
1958	*****	*****	0.22	0.25	0.49	0.86	*****	1.37	1.72	2.57	21.70
1959	*****	*****	0.27	0.53	1.00	1.04	*****	1.30	1.30	1.30	5.31
1960	*****	*****	0.10	0.15	0.30	0.47	*****	0.75	0.85	0.90	8.49
1961	*****	*****	0.17	0.35	0.37	0.40	*****	0.44	0.62	1.01	4.47
1962	*****	*****	0.20	0.35	0.45	0.80	*****	1.39	1.45	1.70	12.43
1963	*****	*****	0.48	0.80	1.02	1.26	*****	1.38	1.68	2.55	10.93
1964	*****	*****	0.25	0.27	0.30	0.50	*****	1.25	1.58	2.05	9.50
1965	*****	*****	0.15	0.25	0.40	0.45	*****	1.00	1.10	1.30	9.59
1966	*****	*****	0.20	0.30	0.55	0.80	*****	1.40	2.40	3.65	14.50
1967	*****	*****	0.25	0.27	0.41	0.72	*****	1.68	2.52	3.40	11.46
1968	*****	*****	0.26	0.30	0.50	0.80	*****	1.18	1.80	2.04	9.92
1969	*****	*****	0.22	0.33	0.60	1.10	*****	2.22	3.24	4.50	25.79
1970	*****	*****	0.22	0.32	0.48	0.60	*****	0.95	1.25	1.25	6.67
1971	*****	*****	0.27	0.32	0.38	0.52	*****	0.94	1.17	1.78	8.26
1972	*****	*****	0.17	0.17	0.27	0.37	*****	0.45	0.67	0.80	6.92

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
Y01 1941 2	COLTON CITY HALL	27A	9R0	20	01S	04W	S	34.067	117.323	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.19	0.28	0.41	0.61	0.0	1.00	1.36	1.82	10.59
5	0.0	0.0	0.29	0.42	0.63	0.92	0.0	1.52	2.06	2.77	14.89
10	0.0	0.0	0.36	0.51	0.77	1.14	0.0	1.87	2.54	3.41	17.56
20	0.0	0.0	0.42	0.61	0.91	1.34	0.0	2.21	3.00	4.02	20.00
25	0.0	0.0	0.44	0.64	0.95	1.40	0.0	2.31	3.14	4.21	20.75
40	0.0	0.0	0.48	0.70	1.04	1.54	0.0	2.53	3.44	4.61	22.29
50	0.0	0.0	0.50	0.72	1.08	1.60	0.0	2.63	3.58	4.79	23.00
100	0.0	0.0	0.56	0.81	1.21	1.79	0.0	2.95	4.00	5.37	25.16
200	0.0	0.0	0.62	0.90	1.34	1.98	0.0	3.26	4.42	5.93	27.24
1000	0.0	0.0	0.75	1.09	1.63	2.41	0.0	3.96	5.38	7.22	31.87
10000	0.0	0.0	0.94	1.36	2.04	3.01	0.0	4.95	6.72	9.01	38.17
PMP	0.0	0.0	1.80	2.61	3.90	5.76	0.0	9.48	12.87	17.26	81.67
MEAN	0.0	0.0	0.214	0.310	0.464	0.685	0.0	1.127	1.530	2.052	11.281
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.429	2.443	2.005	0.892	0.0	0.528	0.825	1.025	1.411
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.438 ; INTERCEPT (TIME=1 HOUR) =0.463 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.04103 ; AVERAGE CALC CV / USED CV = 0.74

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	7.481	11.441	7.451	3.977	0.0	3.623	3.213	3.261	5.728
N	0	0	28	28	28	28	0	28	28	28	28
RECORD YEAR	0	0	1963	1963	1963	1963	0	1969	1969	1956	1969
RECORD MAXIMUM	0.0	0.0	0.480	0.800	1.020	1.260	0.0	2.220	3.240	4.720	25.790
NORMILIZED MAX	0.0	0.0	3.484	3.932	3.041	2.693	0.0	2.665	2.519	2.339	3.037
CALC. COEF. VAR	0.0	0.0	0.357	0.402	0.394	0.312	0.0	0.364	0.444	0.556	0.424
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0190	0.0275	0.0411	0.0607	0.0	0.0999	0.1357	0.1819	1.0000
RP10/A	0.0	0.0	0.0315	0.0456	0.0683	0.1008	0.0	0.1658	0.2252	0.3020	1.5570
RP25/A	0.0	0.0	0.0389	0.0564	0.0844	0.1245	0.0	0.2049	0.2783	0.3731	1.8397
RP50/A	0.0	0.0	0.0443	0.0642	0.0961	0.1418	0.0	0.2334	0.3170	0.4251	2.0392
RP100/A	0.0	0.0	0.0496	0.0719	0.1076	0.1588	0.0	0.2613	0.3549	0.4759	2.2303
RP1000/A	0.0	0.0	0.0667	0.0966	0.1446	0.2134	0.0	0.3513	0.4771	0.6398	2.8254
RP10000/A	0.0	0.0	0.0833	0.1207	0.1806	0.2666	0.0	0.4387	0.5958	0.7990	3.3833
PMP/A	0.0	0.0	0.1595	0.2311	0.3459	0.5104	0.0	0.8400	1.1409	1.5299	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
V01 2116 11	CRAFTON	24C 2000	31	01S	02W	H	S	34.041	117.125	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
	DURATION										
1943	*****	*****	*****	*****	0.56	0.72	*****	1.60	2.79	4.68	21.76
1944	*****	*****	*****	*****	0.45	0.54	*****	1.32	1.72	2.67	18.22
1945	*****	*****	*****	*****	0.78	0.88	*****	1.68	2.12	2.12	16.86
1946	*****	*****	*****	*****	0.49	0.80	*****	1.28	1.64	2.69	10.99
1947	*****	*****	*****	*****	0.36	0.50	*****	0.99	1.11	1.51	14.33
1948	*****	*****	*****	*****	0.29	0.44	*****	0.66	1.20	1.56	5.29
1949	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	13.81
1950	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	11.77
1951	*****	*****	*****	*****	0.52	0.65	*****	0.79	0.87	1.52	10.26
1952	*****	*****	*****	*****	0.89	0.92	*****	1.36	2.26	2.95	26.13
1953	*****	*****	0.20	0.28	0.40	0.57	*****	0.76	1.03	1.53	13.93
1954	*****	*****	0.30	0.60	0.78	0.98	*****	1.14	1.94	3.11	16.26
1955	*****	*****	0.15	0.20	0.34	0.58	*****	1.25	1.60	1.90	12.57
1956	*****	*****	0.23	0.23	0.26	0.43	*****	1.02	1.73	3.08	9.93
1957	*****	*****	0.17	0.30	0.37	0.51	*****	0.96	1.19	1.27	17.93
1958	*****	*****	0.10	0.18	0.31	0.59	*****	1.17	1.36	1.94	21.25
1959	*****	*****	0.40	0.50	0.60	0.74	*****	0.74	0.78	1.13	7.15
1960	*****	*****	0.25	0.40	0.43	0.54	*****	0.86	1.00	1.16	11.53
1961	*****	*****	0.12	0.22	0.38	0.61	*****	0.96	1.14	1.57	4.01
1962	*****	*****	0.17	0.29	0.35	0.55	*****	1.10	1.65	2.06	15.56
1963	*****	*****	0.20	0.34	0.65	0.90	*****	1.95	2.58	3.80	11.75
1964	*****	*****	0.15	0.20	0.28	0.50	*****	1.00	1.15	1.27	10.49
1965	*****	*****	0.50	0.65	0.75	0.95	*****	1.00	1.00	1.25	11.05
1966	*****	*****	0.25	0.30	0.40	0.75	*****	1.70	2.85	4.40	15.83
1967	*****	*****	0.67	0.77	0.83	0.83	*****	1.66	2.98	4.27	21.52
1968	*****	*****	0.40	0.47	0.50	0.98	*****	1.50	1.80	2.81	13.08
1969	*****	*****	0.20	0.30	0.40	0.70	*****	1.85	3.16	4.53	29.68
1970	*****	*****	0.17	0.25	0.37	0.63	*****	1.70	1.45	1.63	9.26
1971	*****	*****	0.20	0.27	0.40	0.57	*****	1.30	1.55	1.70	10.96
1972	*****	*****	0.30	0.34	0.34	0.35	*****	0.90	1.70	2.05	6.97

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
V01 2116 11	CRAFTON	24C 2000	31	01S	02W	H	S	34.041	117.125	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.23	0.32	0.43	0.59	0.0	1.07	1.50	2.10	13.08
5	0.0	0.0	0.35	0.48	0.65	0.90	0.0	1.62	2.28	3.19	18.40
10	0.0	0.0	0.43	0.59	0.80	1.11	0.0	2.00	2.81	3.92	21.70
20	0.0	0.0	0.51	0.70	0.94	1.31	0.0	2.36	3.31	4.63	24.71
25	0.0	0.0	0.53	0.73	0.99	1.37	0.0	2.47	3.47	4.85	25.64
40	0.0	0.0	0.58	0.80	1.08	1.50	0.0	2.70	3.80	5.31	27.54
50	0.0	0.0	0.61	0.83	1.12	1.56	0.0	2.81	3.95	5.52	28.42
100	0.0	0.0	0.68	0.93	1.26	1.75	0.0	3.15	4.42	6.18	31.08
200	0.0	0.0	0.75	1.03	1.39	1.93	0.0	3.48	4.89	6.83	33.66
1000	0.0	0.0	0.92	1.25	1.69	2.35	0.0	4.23	5.95	8.31	39.38
10000	0.0	0.0	1.14	1.56	2.11	2.94	0.0	5.29	7.43	10.38	47.15
PMP	0.0	0.0	2.19	2.99	4.05	5.63	0.0	10.12	14.22	19.87	100.91
MEAN	0.0	0.0	0.260	0.355	0.481	0.669	0.0	1.204	1.691	2.363	13.938
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.542	1.288	0.959	0.327	0.0	0.510	0.794	0.804	0.993
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.548 ; INTERCEPT (TIME=1 HOUR) =0.486 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.03486 ; AVERAGE CALC CV / USED CV = 0.83

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	5.829	4.295	3.045	2.355	0.0	2.658	2.957	2.870	4.311
N	0	0	20	20	28	28	0	28	28	28	30
RECORD YEAR	0	0	1967	1967	1952	1954	0	1963	1969	1943	1969
RECORD MAXIMUM	0.0	0.0	0.670	0.770	0.890	0.980	0.0	1.950	3.160	4.680	29.680
NORMALIZED MAX	0.0	0.0	2.895	2.541	2.257	1.736	0.0	2.122	2.179	2.085	2.764
CALC. COEF. VAR	0.0	0.0	0.543	0.459	0.377	0.268	0.0	0.292	0.399	0.470	0.409
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0187	0.0255	0.0345	0.0480	0.0	0.0864	0.1213	0.1695	1.0000
RP10/A	0.0	0.0	0.0310	0.0423	0.0573	0.0797	0.0	0.1434	0.2014	0.2815	1.4570
RP25/A	0.0	0.0	0.0383	0.0523	0.0708	0.0984	0.0	0.1771	0.2489	0.3477	1.8397
RP50/A	0.0	0.0	0.0437	0.0596	0.0806	0.1121	0.0	0.2018	0.2835	0.3961	2.0392
RP100/A	0.0	0.0	0.0489	0.0667	0.0903	0.1256	0.0	0.2259	0.3174	0.4435	2.2303
RP1000/A	0.0	0.0	0.0657	0.0897	0.1214	0.1688	0.0	0.3037	0.4267	0.5962	2.8254
RP10000/A	0.0	0.0	0.0821	0.1120	0.1516	0.2108	0.0	0.3793	0.5329	0.7446	3.3833
PMP/A	0.0	0.0	0.1572	0.2145	0.2903	0.4036	0.0	0.7262	1.0204	1.4258	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN PRCFR SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 2370 11	DEL ROSA V.S.F.S.	15	15R0	13	01N	04W	S	34.166	117.251	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1944	*****	*****	0.28	0.38	0.42	1.35	*****	2.25	2.38	2.65	22.99
1945	*****	*****	0.16	0.29	0.37	0.59	*****	1.00	1.86	2.45	28.07
1946	*****	*****	0.20	0.30	0.66	1.00	*****	2.04	3.30	4.65	14.50
1947	*****	*****	0.32	0.45	0.50	0.70	*****	1.25	1.40	1.95	19.56
1948	*****	*****	0.20	0.25	0.35	0.68	*****	1.10	1.50	2.05	12.66
1949	*****	*****	0.20	0.25	0.35	0.55	*****	1.00	1.50	1.70	17.72
1950	*****	*****	0.15	0.30	0.39	0.78	*****	1.22	1.76	2.92	15.91
1951	*****	*****	0.40	0.45	0.55	0.80	*****	1.20	1.21	1.71	10.44
1952	*****	*****	0.18	0.35	0.48	0.74	*****	1.56	2.44	3.98	29.04
1953	*****	*****	0.25	0.42	0.52	0.84	*****	1.25	1.86	1.90	16.16
1954	*****	*****	0.20	0.35	0.43	0.76	*****	1.82	2.41	3.73	17.90
1955	*****	*****	0.19	0.30	0.57	0.86	*****	1.74	2.29	2.67	14.66
1956	*****	*****	0.20	0.30	0.49	0.92	*****	2.29	3.57	5.58	14.34
1957	*****	*****	0.19	0.31	0.39	0.60	*****	1.32	1.97	2.20	16.63
1958	*****	*****	0.48	0.56	1.09	1.72	*****	2.30	3.10	4.44	32.68
1959	*****	*****	0.41	0.60	0.98	1.36	*****	1.41	1.55	1.55	6.74
1960	*****	*****	0.52	0.69	0.69	1.16	*****	1.19	1.54	1.63	15.66
1961	*****	*****	0.52	0.78	0.81	0.81	*****	1.04	1.46	2.05	6.92
1962	*****	*****	0.18	0.30	0.40	0.55	*****	1.02	1.60	2.00	18.95
1963	*****	*****	0.35	0.43	0.65	0.73	*****	1.02	1.65	2.52	15.42
1964	*****	*****	0.23	0.23	0.40	0.60	*****	0.90	1.05	1.35	14.88
1965	*****	*****	0.15	0.30	0.45	0.65	*****	1.05	1.70	2.00	11.96
1966	*****	*****	0.30	0.40	0.60	1.10	*****	2.05	3.00	3.10	24.57
1967	*****	*****	0.25	0.35	0.48	0.93	*****	1.56	2.75	2.75	39.56
1968	*****	*****	0.26	0.30	0.35	0.57	*****	1.13	1.65	2.35	14.89
1969	*****	*****	0.24	0.33	0.65	1.16	*****	2.93	4.25	5.78	27.37
1970	*****	*****	0.20	0.27	0.35	0.60	*****	1.23	1.38	1.50	10.51
1971	*****	*****	0.13	0.18	0.23	0.28	*****	0.50	0.68	0.68	14.17
1972	*****	*****	0.40	0.70	0.85	1.45	*****	1.72	2.75	3.25	10.77

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN PRCFR SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 2370 11	DEL ROSA V.S.F.S.	15	15R0	13	01N	04W	S	34.166	117.251	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.24	0.34	0.47	0.75	0.0	1.29	1.84	2.35	16.69
5	0.0	0.0	0.36	0.52	0.72	1.13	0.0	1.96	2.79	3.56	23.47
10	0.0	0.0	0.44	0.64	0.88	1.39	0.0	2.41	3.44	4.38	27.68
20	0.0	0.0	0.52	0.75	1.04	1.64	0.0	2.84	4.05	5.17	31.53
25	0.0	0.0	0.55	0.79	1.09	1.72	0.0	2.98	4.25	5.42	32.71
40	0.0	0.0	0.60	0.86	1.20	1.88	0.0	3.26	4.65	5.93	35.13
50	0.0	0.0	0.62	0.90	1.24	1.96	0.0	3.39	4.84	6.17	36.26
100	0.0	0.0	0.70	1.00	1.39	2.20	0.0	3.80	5.42	6.91	39.65
200	0.0	0.0	0.77	1.11	1.54	2.43	0.0	4.20	5.99	7.64	42.94
1000	0.0	0.0	0.94	1.35	1.87	2.95	0.0	5.10	7.28	9.29	50.24
10000	0.0	0.0	1.17	1.68	2.34	3.69	0.0	6.37	9.10	11.60	60.16
PMP	0.0	0.0	2.24	3.22	4.48	7.06	0.0	12.21	17.42	22.21	128.73
MEAN	0.0	0.0	0.267	0.383	0.532	0.839	0.0	1.451	2.071	2.641	17.780
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.062	1.330	1.186	0.550	0.0	0.928	0.872	1.066	1.134
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.457 ; INTERCEPT (TIME=1 HOUR) =0.558 ; COEFFICIENT OF DETERMINATION = 0.993
1HR INTERCEPT / MEAN YR =0.03140 ; AVERAGE CALC CV / USED CV = 0.77

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	3.348	4.328	4.419	3.016	0.0	3.861	3.784	3.959	4.426
N	0	0	29	29	29	29	0	29	29	29	29
RECORD YEAR	0	0	1960	1961	1958	1972	0	1969	1969	1969	1967
RECORD MAXIMUM	0.0	0.0	0.520	0.780	1.090	1.450	0.0	2.930	4.250	5.780	39.560
NORMALIZED MAX	0.0	0.0	2.250	2.655	2.799	2.147	0.0	2.741	2.682	2.497	2.851
CALC. COEF. VAR	0.0	0.0	0.422	0.390	0.374	0.339	0.0	0.372	0.392	0.476	0.430
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0150	0.0216	0.0299	0.0472	0.0	0.0816	0.1165	0.1485	1.0000
RP10/A	0.0	0.0	0.0249	0.0358	0.0497	0.0784	0.0	0.1355	0.1934	0.2466	1.5570
RP25/A	0.0	0.0	0.0308	0.0442	0.0614	0.0968	0.0	0.1674	0.2389	0.3047	1.8397
RP50/A	0.0	0.0	0.0351	0.0504	0.0700	0.1103	0.0	0.1907	0.2722	0.3471	2.0392
RP100/A	0.0	0.0	0.0393	0.0564	0.0783	0.1235	0.0	0.2135	0.3047	0.3886	2.2303
RP1000/A	0.0	0.0	0.0528	0.0758	0.1053	0.1660	0.0	0.2871	0.4097	0.5224	2.8254
RP10000/A	0.0	0.0	0.0659	0.0947	0.1315	0.2073	0.0	0.3585	0.5116	0.6524	3.3833
PMP/A	0.0	0.0	0.1262	0.1814	0.2518	0.3970	0.0	0.6865	0.9796	1.2492	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
Y01 261P 3	EAST HIGHLANDS	25	1525	3S	01N	03W	S	34.122	117.166	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1944	*****	*****	*****	*****	0.44	0.58	*****	1.16	1.60	1.95	20.02
1945	*****	*****	*****	*****	0.41	0.50	*****	0.94	1.42	1.75	20.13
1946	*****	*****	*****	*****	0.40	0.64	*****	1.25	1.74	3.12	13.43
1947	*****	*****	*****	*****	0.36	0.50	*****	0.78	0.95	1.18	16.69
1948	*****	*****	*****	*****	0.48	0.61	*****	0.63	1.45	1.68	10.00
1949	*****	*****	*****	*****	0.30	0.35	*****	0.47	0.70	0.87	14.69
1951	*****	*****	*****	*****	0.45	0.53	*****	0.71	0.95	1.40	10.96
1952	*****	*****	*****	*****	0.47	0.71	*****	1.34	2.08	2.16	28.07
1953	*****	*****	0.25	0.30	0.54	0.66	*****	0.96	1.09	1.35	14.02
1954	*****	*****	0.22	0.25	0.34	0.53	*****	1.17	1.65	2.63	17.69
1955	*****	*****	0.12	0.22	0.40	0.67	*****	1.38	2.08	2.42	13.78
1956	*****	*****	0.23	0.28	0.50	0.94	*****	1.99	3.23	5.06	13.22
1957	*****	*****	0.21	0.25	0.46	0.77	*****	0.94	1.29	1.48	14.44
1958	*****	*****	0.23	0.30	0.43	0.68	*****	1.54	2.48	2.75	24.20
1959	*****	*****	0.20	0.55	0.75	0.94	*****	1.16	1.16	1.84	8.28
1960	*****	*****	0.20	0.25	0.34	0.65	*****	0.85	1.24	1.56	15.12
1961	*****	*****	0.42	0.78	0.88	1.03	*****	1.06	1.06	1.30	8.21
1962	*****	*****	0.18	0.27	0.50	0.84	*****	1.24	1.59	1.93	17.12
1963	*****	*****	0.25	0.28	0.35	0.55	*****	1.30	1.75	2.60	14.21
1964	*****	*****	0.20	0.30	0.40	0.55	*****	1.20	1.70	1.90	12.58
1965	*****	*****	0.30	0.35	0.90	0.90	*****	0.90	1.30	1.40	16.03
1966	*****	*****	0.15	0.30	0.40	0.60	*****	0.90	0.90	1.55	17.90
1967	*****	*****	0.20	0.25	0.38	0.60	*****	1.80	2.25	4.69	24.87
1968	*****	*****	0.15	0.15	0.30	0.55	*****	0.85	1.29	1.76	9.75
1969	*****	*****	0.26	0.32	0.40	0.61	*****	1.23	2.66	4.18	28.80
1971	*****	*****	0.20	0.32	0.34	0.34	*****	0.65	1.05	1.50	13.18
1972	*****	*****	0.15	0.24	0.35	0.50	*****	1.08	1.60	2.20	7.69

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
Y01 261P 3	EAST HIGHLANDS	25	1525	3S	01N	03W	S	34.122	117.166	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.20	0.28	0.40	0.57	0.0	0.99	1.39	1.92	14.77
5	0.0	0.0	0.30	0.42	0.61	0.87	0.0	1.50	2.11	2.91	20.78
10	0.0	0.0	0.37	0.52	0.75	1.07	0.0	1.85	2.60	3.58	24.51
20	0.0	0.0	0.43	0.61	0.89	1.26	0.0	2.18	3.07	4.22	27.92
25	0.0	0.0	0.46	0.64	0.93	1.32	0.0	2.29	3.22	4.42	28.96
40	0.0	0.0	0.50	0.70	1.02	1.45	0.0	2.50	3.52	4.84	31.11
50	0.0	0.0	0.52	0.73	1.06	1.51	0.0	2.60	3.66	5.04	32.10
100	0.0	0.0	0.58	0.82	1.19	1.69	0.0	2.91	4.10	5.64	35.11
200	0.0	0.0	0.64	0.90	1.31	1.87	0.0	3.22	4.53	6.23	38.02
1000	0.0	0.0	0.78	1.10	1.60	2.27	0.0	3.92	5.52	7.58	44.48
10000	0.0	0.0	0.98	1.37	2.00	2.83	0.0	4.89	6.89	9.47	53.26
PMP	0.0	0.0	1.87	2.62	3.82	5.43	0.0	9.37	13.19	18.13	113.98
MEAN	0.0	0.0	0.222	0.312	0.454	0.645	0.0	1.114	1.569	2.156	15.744
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.256	2.616	1.982	0.591	0.0	0.668	1.161	1.611	0.836
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.484 ; INTERCEPT (TIME=1 HOUR) =0.451 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.02PAR ; AVERAGE CALC CV / USED CV = 0.68

KURTOSIS	0.0	0.0	6.064	10.765	6.729	3.536	0.0	3.527	4.723	5.384	3.555
N	0	0	19	19	27	27	0	27	27	27	27
RECORD YEAR	0	0	1961	1961	1965	1961	0	1956	1956	1956	1969
RECORD MAXIMUM	0.0	0.0	0.420	0.780	0.900	1.030	0.0	1.990	3.330	5.060	28.800
NORMILIZED MAX	0.0	0.0	2.891	3.406	2.885	2.286	0.0	2.355	2.919	2.785	2.303
CALC. COEF. VAR	0.0	0.0	0.308	0.440	0.340	0.261	0.0	0.334	0.385	0.484	0.360
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0141	0.0198	0.0289	0.0410	0.0	0.0708	0.0996	0.1369	1.0000
RP10/A	0.0	0.0	0.0234	0.0329	0.0479	0.0680	0.0	0.1175	0.1654	0.2274	1.5570
RP25/A	0.0	0.0	0.0289	0.0407	0.0592	0.0841	0.0	0.1451	0.2043	0.2809	1.8397
RP50/A	0.0	0.0	0.0330	0.0463	0.0674	0.0958	0.0	0.1653	0.2328	0.3200	2.0392
RP100/A	0.0	0.0	0.0369	0.0519	0.0755	0.1072	0.0	0.1851	0.2606	0.3582	2.2303
RP1000/A	0.0	0.0	0.0496	0.0697	0.1015	0.1441	0.0	0.2489	0.3504	0.4816	2.8254
RP10000/A	0.0	0.0	0.0620	0.0871	0.1268	0.1800	0.0	0.3108	0.4376	0.6015	3.3833
PMP/A	0.0	0.0	0.1186	0.1667	0.2428	0.3446	0.0	0.5951	0.8379	1.1517	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
Y01 2895 0	ETIWANDA	1390	32	01N	06W		S	34.126	117.525	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1943	0.10	0.12	0.15	0.24	0.40	0.65	0.81	1.58	2.46	3.94	16.57
1944	0.10	0.16	0.21	0.32	0.61	1.21	1.57	2.66	3.69	4.62	21.09
1945	0.17	0.26	0.31	0.40	0.59	1.08	1.63	2.05	3.05	4.72	21.51
1946	0.09	0.17	0.25	0.37	0.35	0.58	0.84	1.47	2.08	2.47	20.53
1947	0.06	0.10	0.15	0.22	0.36	0.59	0.64	0.90	0.91	1.24	5.48
1948	0.08	0.13	0.18	0.27	0.33	0.60	0.79	1.27	1.63	2.11	12.59
1949	*****	*****	*****	*****	0.49	0.97	1.21	1.40	2.30	3.75	******
1950	*****	*****	*****	*****	0.39	0.65	0.84	1.21	1.67	1.78	9.67
1951	0.06	0.10	0.13	0.23	0.42	0.60	0.90	1.55	2.56	3.97	******
1952	0.12	0.17	0.22	0.28	0.54	0.87	1.18	2.34	3.22	4.08	22.85
1953	0.06	0.09	0.13	0.20	0.25	0.41	0.44	0.87	0.92	0.92	******
1954	0.20	0.25	0.30	0.42	0.60	0.72	1.20	1.30	2.00	3.49	20.58
1955	0.08	0.10	0.14	0.17	0.21	0.36	0.45	0.78	0.85	0.86	11.06
1956	0.15	0.26	0.32	0.60	0.95	1.62	2.10	3.48	5.42	9.36	14.65
1957	0.10	0.17	0.24	0.37	0.53	0.92	1.28	1.49	2.28	2.37	18.60
1958	0.10	0.15	0.20	0.30	0.43	0.82	1.12	1.63	2.18	3.27	22.86
1959	0.10	0.12	0.15	0.25	0.45	0.65	0.85	1.46	2.13	2.14	8.63
1960	0.14	0.20	0.25	0.28	0.34	0.58	0.76	1.07	1.22	1.26	11.67
1961	0.10	0.14	0.17	0.30	0.38	0.67	0.83	1.27	1.60	1.86	5.64
1962	0.25	0.36	0.45	0.60	0.90	1.18	1.40	2.04	2.41	2.89	13.93
1963	0.10	0.16	0.23	0.36	0.51	0.76	0.92	1.58	2.32	3.35	15.61
1964	0.13	0.20	0.25	0.33	0.44	0.76	1.04	1.31	1.47	2.02	11.88
1965	0.08	0.14	0.19	0.36	0.58	1.07	1.35	1.81	2.69	4.29	21.92
1966	0.07	0.13	0.18	0.31	0.56	0.92	1.27	2.00	3.15	4.19	17.64
1967	0.14	0.21	0.25	0.32	0.40	0.68	0.91	1.60	2.34	2.88	18.08
1968	0.22	0.32	0.47	0.71	0.71	1.10	1.39	2.12	3.01	3.45	10.59
1969	0.19	0.33	0.34	0.36	0.64	1.00	1.30	2.17	4.20	6.45	35.79
1970	0.14	0.18	0.19	0.33	0.58	0.90	1.17	1.52	2.11	3.62	18.86
1971	0.08	0.15	0.22	0.35	0.60	0.69	0.97	1.55	2.52	3.02	13.49
1972	0.04	0.07	0.11	0.21	0.38	0.63	0.75	0.82	0.82	0.82	6.24
1973	*****	*****	*****	*****	0.50	0.86	1.13	1.77	2.45	3.55	18.24
1974	*****	*****	*****	*****	0.48	0.93	1.25	1.90	2.37	3.15	19.23

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
Y01 2895 0	ETIWANDA	1390	32	01N	06W		S	34.126	117.525	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.10	0.16	0.20	0.30	0.44	0.72	0.95	1.44	2.06	2.83	15.06
5	0.16	0.24	0.31	0.45	0.67	1.10	1.44	2.19	3.12	4.29	21.19
10	0.19	0.29	0.38	0.56	0.82	1.35	1.78	2.70	3.85	5.29	24.99
20	0.23	0.35	0.45	0.66	0.97	1.59	2.10	3.18	4.53	6.23	28.46
25	0.24	0.36	0.47	0.69	1.01	1.67	2.20	3.33	4.75	6.53	29.53
40	0.26	0.40	0.51	0.75	1.11	1.83	2.41	3.65	5.20	7.15	31.72
50	0.27	0.41	0.53	0.79	1.15	1.90	2.50	3.79	5.41	7.44	32.73
100	0.30	0.46	0.60	0.88	1.29	2.13	2.80	4.25	6.06	8.33	35.80
200	0.34	0.51	0.66	0.97	1.43	2.35	3.10	4.70	6.70	9.21	38.76
1000	0.41	0.62	0.80	1.18	1.74	2.86	3.77	5.71	8.15	11.20	45.35
10000	0.51	0.77	1.00	1.48	2.17	3.57	4.71	7.13	10.17	13.98	54.30
PMP	0.98	1.48	1.92	2.83	4.15	6.84	9.01	13.66	19.48	26.78	116.21
MEAN	0.116	0.176	0.228	0.336	0.494	0.813	1.072	1.624	2.317	3.184	16.051
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.996	0.999	1.253	1.608	1.031	0.934	0.633	1.182	0.963	1.512	0.655
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.387 ; INTERCEPT (TIME=1 HOUR) =0.526 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.03275 ; AVERAGE CALC CV / USED CV = 0.75

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.766	3.653	4.796	5.996	4.976	4.855	4.394	5.864	5.319	7.598	4.851
N	28	28	28	28	32	32	32	32	32	32	29
RECORD YEAR	1962	1962	1968	1968	1956	1956	1956	1956	1956	1956	1969
RECORD MAXIMUM	0.250	0.360	0.470	0.710	0.950	1.620	2.100	3.480	5.420	9.360	35.790
NORMILIZED MAX	2.589	2.453	2.719	3.029	2.847	3.121	2.954	3.312	3.156	3.613	3.044
CALC. COEF. VAR	0.446	0.424	0.391	0.367	0.325	0.318	0.325	0.345	0.424	0.537	0.404
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0072	0.0110	0.0142	0.0209	0.0308	0.0507	0.0668	0.1012	0.1443	0.1984	1.0000
RP10/A	0.0120	0.0182	0.0236	0.0348	0.0511	0.0841	0.1108	0.1680	0.2396	0.3294	1.5570
RP25/A	0.0148	0.0225	0.0291	0.0429	0.0631	0.1039	0.1369	0.2075	0.2960	0.4069	1.8397
RP50/A	0.0169	0.0257	0.0332	0.0489	0.0719	0.1184	0.1560	0.2364	0.3372	0.4635	2.0392
RP100/A	0.0189	0.0288	0.0371	0.0548	0.0805	0.1326	0.1746	0.2647	0.3776	0.5189	2.2303
RP1000/A	0.0254	0.0387	0.0499	0.0736	0.1082	0.1782	0.2348	0.3558	0.5076	0.6977	2.8254
RP10000/A	0.0318	0.0483	0.0623	0.0920	0.1351	0.2226	0.2932	0.4444	0.6339	0.8713	3.3833
PMP/A	0.0608	0.0924	0.1194	0.1761	0.2587	0.4262	0.5614	0.8509	1.2138	1.6683	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 3117 0	FONTANA	18	1319	08	01S	05W	S	34.106	117.427	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1944	*****	*****	*****	*****	0.44	0.83	*****	1.73	2.58	2.79	23.96
1945	*****	*****	*****	*****	0.69	0.74	*****	1.12	1.68	2.30	22.76
1946	*****	*****	*****	*****	0.70	1.00	*****	1.85	2.73	3.68	12.67
1947	*****	*****	*****	*****	0.40	0.68	*****	0.98	1.39	1.78	14.73
1948	*****	*****	*****	*****	0.38	0.60	*****	1.06	1.53	1.97	10.58
1949	*****	*****	*****	*****	0.52	0.58	*****	0.88	1.00	1.60	14.65
1950	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	13.78
1951	*****	*****	*****	*****	0.41	0.72	*****	0.89	0.90	1.04	9.99
1952	*****	*****	*****	*****	0.49	0.89	*****	1.88	2.76	4.11	27.56
1953	*****	*****	0.25	0.30	0.44	0.73	*****	1.03	1.48	1.94	13.02
1954	*****	*****	0.25	0.40	0.50	0.79	*****	2.15	2.72	3.47	17.37
1955	*****	*****	0.20	0.30	0.50	0.77	*****	1.73	2.63	2.63	14.97
1956	*****	*****	0.16	0.33	0.79	1.24	*****	2.71	4.21	6.45	15.95
1957	*****	*****	0.19	0.21	0.32	0.48	*****	1.27	1.25	2.03	12.81
1958	*****	*****	0.21	0.33	0.93	1.02	*****	1.84	1.94	2.15	27.08
1959	*****	*****	0.22	0.40	0.71	0.76	*****	1.37	1.46	1.63	6.85
1960	*****	*****	0.12	0.22	0.36	0.58	*****	1.29	2.18	2.26	10.65
1961	*****	*****	0.19	0.22	0.39	0.61	*****	0.55	0.75	0.76	4.93
1962	*****	*****	0.27	0.46	0.60	1.20	*****	1.76	2.01	2.19	18.50
1963	*****	*****	0.25	0.34	0.45	0.60	*****	1.30	1.81	2.82	14.18
1964	*****	*****	0.16	0.30	0.40	0.62	*****	1.22	1.60	1.90	10.43
1965	*****	*****	0.25	0.40	0.45	0.75	*****	1.25	1.40	1.60	14.71
1966	*****	*****	0.20	0.35	0.70	1.15	*****	1.65	2.45	2.75	16.35
1967	*****	*****	0.50	0.56	0.59	0.84	*****	1.51	2.12	2.50	20.04
1968	*****	*****	0.37	0.70	0.83	1.19	*****	2.05	2.85	3.20	13.31
1969	*****	*****	0.30	0.39	0.54	0.75	*****	1.60	3.34	4.18	32.49
1970	*****	*****	0.25	0.38	0.43	0.50	*****	0.88	1.40	1.80	9.82
1971	*****	*****	0.25	0.32	0.40	0.47	*****	0.77	1.00	1.70	8.56
1972	*****	*****	0.30	0.30	0.58	0.98	*****	1.45	2.30	2.50	7.99

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 3117 0	FONTANA	18	1319	08	01S	05W	S	34.106	117.427	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.22	0.32	0.47	0.69	0.0	1.26	1.76	2.21	14.25
5	0.0	0.0	0.33	0.49	0.72	1.05	0.0	1.92	2.67	3.36	20.05
10	0.0	0.0	0.41	0.60	0.88	1.30	0.0	2.36	3.29	4.13	23.65
20	0.0	0.0	0.48	0.71	1.04	1.53	0.0	2.78	3.88	4.87	26.93
25	0.0	0.0	0.50	0.74	1.09	1.60	0.0	2.91	4.07	5.11	27.94
40	0.0	0.0	0.55	0.81	1.19	1.75	0.0	3.19	4.45	5.59	30.01
50	0.0	0.0	0.57	0.84	1.24	1.82	0.0	3.32	4.63	5.82	30.97
100	0.0	0.0	0.64	0.94	1.39	2.04	0.0	3.72	5.19	6.51	33.87
200	0.0	0.0	0.71	1.04	1.54	2.26	0.0	4.11	5.73	7.20	36.68
1000	0.0	0.0	0.86	1.27	1.87	2.75	0.0	5.00	6.97	8.76	42.91
10000	0.0	0.0	1.07	1.58	2.34	3.43	0.0	6.24	8.71	10.94	51.39
PMP	0.0	0.0	2.06	3.03	4.48	6.57	0.0	11.95	16.67	20.94	109.97
MEAN	0.0	0.0	0.244	0.360	0.532	0.781	0.0	1.420	1.982	2.490	15.189
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.593	1.469	0.912	0.512	0.0	0.535	0.738	1.693	0.980
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.441 ; INTERCEPT (TIME=1 HOUR) =0.531 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.03495 ; AVERAGE CALC CV / USED CV = 0.63

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	7.255	6.400	3.336	2.774	0.0	3.642	3.834	7.551	3.972
N	0	0	20	20	28	28	0	28	28	28	29
RECORD YEAR	0	0	1967	1968	1958	1956	0	1956	1956	1956	1969
RECORD MAXIMUM	0.0	0.0	0.500	0.700	0.930	1.240	0.0	2.710	4.210	6.450	32.490
NORMALIZED MAX	0.0	0.0	3.095	2.950	2.522	1.984	0.0	2.669	2.763	3.689	2.658
CALC. COEF. VAR	0.0	0.0	0.338	0.319	0.296	0.296	0.0	0.340	0.407	0.456	0.429
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0161	0.0237	0.0350	0.0514	0.0	0.0935	0.1305	0.1640	1.0000
RP10/A	0.0	0.0	0.0267	0.0394	0.0582	0.0853	0.0	0.1553	0.2167	0.2722	1.5570
RP25/A	0.0	0.0	0.0330	0.0487	0.0719	0.1054	0.0	0.1918	0.2677	0.3363	1.8397
RP50/A	0.0	0.0	0.0376	0.0555	0.0819	0.1201	0.0	0.2185	0.3050	0.3831	2.0392
RP100/A	0.0	0.0	0.0421	0.0621	0.0917	0.1345	0.0	0.2446	0.3415	0.4289	2.2303
RP1000/A	0.0	0.0	0.0566	0.0835	0.1232	0.1808	0.0	0.3289	0.4591	0.5766	2.8254
RP10000/A	0.0	0.0	0.0707	0.1042	0.1539	0.2258	0.0	0.4107	0.5733	0.7201	3.3833
PMP/A	0.0	0.0	0.1354	0.1996	0.2947	0.4323	0.0	0.7865	1.0977	1.3789	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN DROER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
Y01 311R 0	FONTANA 5 N	17	1972	1R	01N	05W	S	34.183	117.442	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1944	*****	*****	0.14	0.26	0.42	0.75	*****	2.50	3.54	4.64	31.62
1945	*****	*****	0.23	0.32	0.59	0.83	*****	1.26	2.50	4.10	33.05
1946	*****	*****	0.23	0.42	0.85	1.46	*****	2.26	3.24	5.30	21.54
1947	*****	*****	0.28	0.40	0.55	1.00	*****	1.78	3.15	3.32	24.39
1948	*****	*****	0.23	0.35	0.40	0.70	*****	1.10	1.50	2.06	16.55
1949	*****	*****	0.13	0.25	0.35	0.60	*****	0.95	1.40	2.40	22.29
1950	*****	*****	0.35	0.46	0.71	1.35	*****	1.90	2.65	4.10	17.28
1951	*****	*****	0.22	0.42	0.72	1.11	*****	1.47	1.92	2.00	14.91
1952	*****	*****	0.79	0.94	1.24	1.78	*****	2.68	3.93	4.81	39.88
1953	*****	*****	0.18	0.30	0.48	0.75	*****	1.23	2.21	2.46	19.61
1954	*****	*****	0.26	0.42	0.59	1.14	*****	2.86	4.06	5.10	26.57
1955	*****	*****	0.17	0.29	0.54	0.95	*****	2.27	3.36	3.52	21.32
1956	*****	*****	0.45	0.70	1.20	1.79	*****	4.27	6.96	9.75	24.75
1957	*****	*****	0.14	0.23	0.56	1.09	*****	2.26	3.28	3.45	19.44
1958	*****	*****	0.20	0.40	0.73	1.18	*****	2.00	2.81	4.02	41.53
1959	*****	*****	0.19	0.28	0.41	0.81	*****	1.69	1.90	1.97	10.33
1960	*****	*****	0.15	0.24	0.37	0.63	*****	1.22	1.29	1.31	14.24
1961	*****	*****	0.26	0.42	0.52	0.58	*****	0.85	1.52	1.53	9.00
1962	*****	*****	0.20	0.30	0.77	1.39	*****	2.80	2.89	3.99	26.81
1963	*****	*****	0.18	0.33	0.58	1.00	*****	2.20	3.20	4.13	17.16
1964	*****	*****	0.25	0.43	0.60	0.90	*****	1.75	1.82	2.75	16.23
1965	*****	*****	0.25	0.40	0.60	1.05	*****	1.85	2.99	2.40	23.33
1966	*****	*****	0.25	0.35	0.70	1.15	*****	1.65	2.45	2.75	26.38
1967	*****	*****	0.25	0.43	0.67	0.89	*****	2.31	4.37	5.50	37.38
1968	*****	*****	0.81	1.20	1.60	1.60	*****	2.35	3.40	4.93	22.60
1971	*****	*****	0.25	0.38	0.45	0.52	*****	0.85	1.10	2.06	10.19
1972	*****	*****	0.11	0.21	0.38	0.62	*****	1.55	2.40	2.80	8.19

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN DROER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
Y01 311R 0	FONTANA 5 N	17	1972	1R	01N	05W	S	34.183	117.442	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.24	0.37	0.58	0.91	0.0	1.70	2.50	3.20	20.73
5	0.0	0.0	0.36	0.56	0.88	1.38	0.0	2.58	3.79	4.85	29.16
10	0.0	0.0	0.45	0.69	1.08	1.70	0.0	3.18	4.66	5.97	34.40
20	0.0	0.0	0.53	0.81	1.27	2.00	0.0	3.75	5.50	7.04	38.18
25	0.0	0.0	0.55	0.85	1.34	2.10	0.0	3.93	5.76	7.38	40.65
40	0.0	0.0	0.60	0.93	1.46	2.30	0.0	4.30	6.31	8.08	43.66
50	0.0	0.0	0.63	0.96	1.52	2.39	0.0	4.48	6.58	8.41	45.06
100	0.0	0.0	0.70	1.08	1.70	2.68	0.0	5.01	7.35	9.41	49.28
200	0.0	0.0	0.78	1.19	1.88	2.96	0.0	5.54	8.12	10.40	53.36
1000	0.0	0.0	0.94	1.45	2.29	3.60	0.0	6.74	9.88	12.65	62.43
10000	0.0	0.0	1.18	1.81	2.86	4.49	0.0	8.42	12.34	15.80	74.75
PMP	0.0	0.0	2.26	3.47	5.48	8.60	0.0	16.12	23.62	30.26	159.97
MEAN	0.0	0.0	0.269	0.413	0.651	1.023	0.0	1.917	2.809	3.598	22.095
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	2.459	2.542	1.897	0.677	0.0	1.034	1.421	1.689	0.532
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.355 ; INTERCEPT (TIME=1 HOUR) =0.652 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.02949 ; AVERAGE CALC CV / USED CV = 0.99

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	9.110	10.060	7.072	3.058	0.0	5.531	7.162	8.043	3.136
N	0	0	27	27	27	27	0	27	27	27	27
RECORD YEAR	0	0	1968	1968	1968	1956	0	1956	1956	1956	1958
RECORD MAXIMUM	0.0	0.0	0.810	1.200	1.600	1.790	0.0	4.270	6.960	9.750	41.530
NORMILIZED MAX	0.0	0.0	3.184	3.634	3.282	2.148	0.0	3.141	3.418	3.555	2.163
CALC. COEF. VAR	0.0	0.0	0.633	0.525	0.444	0.349	0.0	0.391	0.432	0.481	0.407
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0122	0.0187	0.0295	0.0463	0.0	0.0867	0.1271	0.1628	1.0000
RP10/A	0.0	0.0	0.0202	0.0310	0.0489	0.0769	0.0	0.1440	0.2111	0.2704	1.5570
RP25/A	0.0	0.0	0.0249	0.0383	0.0604	0.0950	0.0	0.1779	0.2607	0.3340	1.8397
RP50/A	0.0	0.0	0.0284	0.0436	0.0689	0.1082	0.0	0.2027	0.2970	0.3805	2.0392
RP100/A	0.0	0.0	0.0318	0.0489	0.0771	0.1211	0.0	0.2269	0.3326	0.4260	2.2303
RP1000/A	0.0	0.0	0.0427	0.0657	0.1036	0.1628	0.0	0.3051	0.4471	0.5727	2.8254
RP10000/A	0.0	0.0	0.0534	0.0820	0.1294	0.2033	0.0	0.3810	0.5584	0.7152	3.3833
PMP/A	0.0	0.0	0.1022	0.1570	0.2478	0.3894	0.0	0.7295	1.0691	1.3695	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 521B 0	LYTLE CREEK POWER HOUSE	2760	26	02N	06W		S	34.233	117.483	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1949	*****	*****	*****	*****	0.60	1.06	1.56	2.24	3.80	5.13	31.45
1950	*****	*****	*****	*****	0.73	1.20	1.56	2.13	2.50	2.87	18.80
1951	0.15	0.24	0.33	0.59	1.10	1.64	1.67	2.42	3.09	5.00	27.26
1952	0.16	0.18	0.22	0.39	0.76	1.40	2.00	3.53	5.67	7.38	54.99
1953	0.04	0.06	0.09	0.18	0.36	0.64	0.74	0.86	1.10	1.31	10.87
1954	0.33	0.40	0.49	0.70	1.11	2.06	2.37	3.76	4.58	6.04	39.99
1955	0.05	0.09	0.13	0.25	0.47	0.92	1.36	2.07	2.64	2.95	19.15
1956	0.10	0.14	0.18	0.36	0.65	1.21	1.75	3.30	5.82	8.37	20.84
1957	0.12	0.22	0.31	0.50	0.90	1.42	1.95	3.18	4.68	5.38	34.28
1958	0.15	0.30	0.40	0.66	1.10	1.82	2.70	4.38	5.28	5.54	43.84
1959	0.25	0.32	0.38	0.63	1.08	1.68	2.21	2.94	4.61	5.36	21.79
1960	0.18	0.25	0.27	0.50	0.70	1.10	1.38	2.17	2.44	3.93	23.14
1961	0.16	0.25	0.31	0.49	0.82	1.26	1.94	3.44	4.65	5.22	18.17
1962	0.10	0.17	0.23	0.43	0.74	1.44	1.76	2.77	3.79	3.82	28.84
1963	0.12	0.17	0.20	0.29	0.49	0.79	1.13	1.71	3.10	4.79	23.48
1964	0.12	0.21	0.30	0.60	0.89	1.49	1.81	2.67	2.98	4.23	12.42
1965	0.14	0.25	0.36	0.57	1.12	2.00	2.84	5.59	8.35	9.45	52.04
1966	0.04	0.08	0.12	0.24	0.47	0.60	1.07	1.49	1.82	1.99	25.17
1967	0.23	0.44	0.52	0.57	0.74	0.98	1.36	2.62	4.01	5.25	36.72
1968	0.13	0.20	0.29	0.41	0.56	0.93	1.15	1.31	1.51	1.53	14.56
1969	*****	*****	*****	*****	0.80	1.60	2.20	3.70	5.70	8.00	******
1970	*****	*****	*****	*****	1.10	1.90	2.50	3.20	4.60	8.00	33.00
1971	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	******
1972	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	10.90
1973	*****	*****	0.40	0.60	1.00	1.70	2.40	4.30	6.30	6.90	34.80
1974	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	34.00

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 521B 0	LYTLE CREEK POWER HOUSE	2760	26	02N	06W		S	34.233	117.483	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.20	0.26	0.42	0.71	1.20	1.60	2.54	3.59	4.58	26.22
5	0.20	0.30	0.39	0.64	1.07	1.81	2.43	3.86	5.45	6.94	36.87
10	0.24	0.37	0.48	0.79	1.32	2.23	3.00	4.75	6.71	8.55	43.50
20	0.28	0.43	0.57	0.92	1.56	2.63	3.53	5.60	7.92	10.08	49.64
25	0.30	0.45	0.60	0.97	1.63	2.76	3.70	5.87	8.30	10.56	51.40
40	0.33	0.50	0.65	1.06	1.79	3.02	4.05	6.42	9.08	11.56	55.21
50	0.34	0.52	0.68	1.10	1.86	3.14	4.21	6.68	9.45	12.03	56.97
100	0.38	0.58	0.76	1.23	2.08	3.52	4.72	7.48	10.58	13.47	62.31
200	0.42	0.64	0.84	1.36	2.30	3.89	5.22	8.27	11.69	14.89	67.66
1000	0.51	0.78	1.02	1.66	2.80	4.73	6.34	10.06	14.22	18.11	78.94
10000	0.64	0.97	1.28	2.07	3.49	5.91	7.92	12.56	17.76	22.62	94.52
PMP	1.22	1.85	2.65	3.97	6.69	11.31	15.17	24.05	34.01	43.31	202.27
MEAN	0.145	0.221	0.281	0.472	0.795	1.365	1.804	2.860	4.044	5.150	27.937
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.786	0.498	0.129	-0.441	-0.075	0.138	0.069	0.432	0.410	0.063	0.594
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.287 ; INTERCEPT (TIME=1 HOUR) =0.805 ; COEFFICIENT OF DETERMINATION = 0.992
1HR INTERCEPT / MEAN YR =0.02881 ; AVERAGE CALC CV / USED CV = 0.76

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.428	3.634	2.951	2.543	2.237	2.478	2.691	3.751	3.607	2.847	3.214
N	18	18	19	19	23	23	23	23	23	23	24
RECORD YEAR	1954	1967	1967	1954	1965	1954	1965	1965	1965	1965	1952
RECORD MAXIMUM	0.330	0.440	0.520	0.700	1.120	2.060	2.840	5.590	8.350	9.450	54.990
NORMALIZED MAX	2.495	2.157	1.919	1.484	1.359	1.792	1.874	2.489	2.497	1.956	2.242
CALC. COEF. VAR	0.511	0.461	0.410	0.326	0.300	0.297	0.307	0.384	0.426	0.427	0.432
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0052	0.0079	0.0104	0.0169	0.0285	0.0482	0.0646	0.1024	0.1448	0.1843	1.0000
RP10/A	0.0086	0.0131	0.0173	0.0280	0.0473	0.0799	0.1072	0.1700	0.2404	0.3060	1.5570
RP25/A	0.0106	0.0162	0.0214	0.0346	0.0584	0.0988	0.1324	0.2100	0.2969	0.3781	1.8397
RP50/A	0.0121	0.0184	0.0243	0.0394	0.0665	0.1125	0.1509	0.2392	0.3382	0.4307	2.0392
RP100/A	0.0136	0.0207	0.0273	0.0442	0.0745	0.1260	0.1689	0.2678	0.3787	0.4822	2.2303
RP1000/A	0.0183	0.0278	0.0366	0.0594	0.1001	0.1693	0.2271	0.3600	0.5091	0.6483	2.8254
RP10000/A	0.0228	0.0347	0.0458	0.0741	0.1250	0.2115	0.2836	0.4496	0.6358	0.8096	3.3833
PMP/A	0.0436	0.0664	0.0876	0.1420	0.2394	0.4049	0.5430	0.8609	1.2175	1.5502	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
Y01 5632 0	MILL CREEK INTAKE	4945	13	01S	01W	C	S	34.089	116.334	SAN BERNARDIND

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.83	*****	*****	3.20	*****	5.38	******
1941	*****	*****	*****	*****	0.71	*****	*****	1.82	*****	3.01	******
1942	*****	*****	*****	*****	0.42	*****	*****	1.71	*****	2.86	******
1943	*****	*****	*****	*****	0.37	*****	*****	1.17	*****	2.84	******
1944	*****	*****	*****	*****	0.91	*****	*****	4.09	*****	6.83	******
1945	*****	*****	*****	*****	0.95	*****	*****	2.87	*****	7.75	******
1946	*****	*****	*****	*****	1.01	*****	*****	1.99	*****	4.68	******
1947	*****	*****	*****	*****	0.36	*****	*****	1.36	*****	4.26	******
1948	*****	*****	*****	*****	0.38	0.73	1.03	1.61	1.88	2.40	17.02
1949	*****	*****	*****	*****	0.63	1.10	1.55	2.08	2.96	4.28	23.84
1950	*****	*****	*****	*****	1.02	1.21	1.28	1.36	1.90	2.28	14.76
1951	0.11	0.17	0.25	0.38	0.63	0.90	1.22	1.60	1.80	2.44	22.75
1952	0.07	0.10	0.14	0.20	0.40	0.66	0.99	1.65	2.60	2.72	27.79
1953	0.25	0.43	0.54	0.56	0.57	0.57	0.72	1.01	1.38	1.44	9.81
1954	0.12	0.16	0.20	0.35	0.58	1.08	1.57	2.55	4.44	6.65	36.29
1955	0.25	0.36	0.41	0.61	0.68	0.70	0.85	1.20	1.32	2.00	21.23
1956	0.10	0.15	0.15	0.28	0.46	0.84	1.70	2.07	3.81	6.82	16.41
1957	0.14	0.21	0.26	0.29	0.52	0.74	0.90	1.47	2.60	2.90	34.36
1958	0.70	1.21	1.44	1.72	2.10	2.23	2.23	2.33	3.57	4.46	41.69
1959	0.34	0.44	0.59	0.88	1.45	1.61	1.62	1.63	1.89	2.61	19.41
1960	0.52	0.80	1.02	1.32	1.80	1.84	1.84	1.84	2.42	3.13	23.41
1961	0.49	0.74	1.05	1.56	1.74	1.77	1.79	2.04	4.06	4.47	15.10
1962	0.14	0.17	0.23	0.26	0.33	0.64	0.90	1.45	2.04	2.71	24.33
1963	0.34	0.45	0.65	1.13	1.50	1.61	1.65	2.66	3.42	3.44	28.76
1964	0.11	0.16	0.24	0.33	0.33	0.49	0.62	0.90	1.38	2.18	19.51
1965	0.15	0.27	0.31	0.59	0.93	1.57	2.29	3.93	7.06	10.51	41.87
1966	0.13	0.24	0.32	0.50	0.74	0.94	1.26	2.23	4.16	6.72	28.10
1967	0.15	0.21	0.26	0.36	0.66	1.07	1.28	2.25	3.68	5.49	31.15
1968	0.06	0.12	0.18	0.30	0.57	1.00	1.37	2.15	2.81	3.14	15.03
1969	0.25	0.50	0.71	1.10	1.21	1.34	1.80	3.51	5.90	8.80	60.38
1970	*****	*****	*****	*****	0.60	1.00	1.60	2.30	2.80	4.80	25.80
1971	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	22.00
1972	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	13.30
1973	*****	*****	0.70	0.70	0.70	0.90	0.90	1.80	2.90	4.50	28.60

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
Y01 5632 0	MILL CREEK INTAKE	4945	13	01S	01W	C	S	34.089	116.334	SAN BERNARDIND

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.21	0.32	0.43	0.60	0.72	0.99	1.20	1.83	2.69	3.87	23.92
5	0.31	0.49	0.65	0.90	1.10	1.49	1.82	2.77	4.09	5.68	33.64
10	0.39	0.60	0.80	1.11	1.35	1.83	2.25	3.42	5.03	7.24	39.68
20	0.46	0.71	0.94	1.31	1.60	2.16	2.65	4.03	5.94	8.53	45.19
25	0.48	0.74	0.99	1.38	1.67	2.26	2.77	4.22	6.22	8.94	46.89
40	0.52	0.81	1.08	1.51	1.83	2.48	3.04	4.62	6.81	9.79	50.37
50	0.54	0.85	1.13	1.57	1.91	2.58	3.16	4.81	7.09	10.18	51.98
100	0.61	0.95	1.26	1.76	2.13	2.89	3.54	5.38	7.93	11.40	56.85
200	0.67	1.05	1.39	1.94	2.36	3.19	3.91	5.95	8.77	12.60	61.55
1000	0.82	1.28	1.70	2.36	2.87	3.88	4.76	7.24	10.67	15.33	72.02
10000	1.02	1.59	2.12	2.95	3.58	4.85	5.94	9.04	13.32	19.14	86.23
PMP	1.96	3.05	4.06	5.64	6.86	9.28	11.37	17.30	25.50	36.65	184.54
MEAN	0.233	0.363	0.482	0.671	0.815	1.104	1.352	2.057	3.032	4.358	25.488
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.453	1.742	1.352	1.102	1.316	0.864	0.376	1.050	1.234	1.182	1.387
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.532 ; INTERCEPT (TIME=1 HOUR) =0.834 ; COEFFICIENT OF DETERMINATION = 0.987
1HR INTERCEPT / MEAN YR =0.03272 ; AVERAGE CALC CV / USED CV = 1.24

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.915	6.370	4.682	3.480	4.303	3.358	2.855	4.068	5.037	4.192	6.018
N	19	19	20	20	32	24	24	32	24	32	26
RECORD YEAR	1958	1958	1958	1958	1958	1958	1965	1944	1965	1965	1969
RECORD MAXIMUM	0.700	1.210	1.440	1.720	2.100	2.230	2.290	4.090	7.060	10.510	60.380
NORMILIZED MAX	2.676	2.947	2.691	2.278	2.785	2.473	2.077	2.581	2.851	2.742	3.181
CALC. CDEF. VAR	0.751	0.793	0.738	0.686	0.566	0.413	0.334	0.383	0.466	0.415	0.430
REGN. CDEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED CDEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0091	0.0142	0.0189	0.0263	0.0320	0.0433	0.0531	0.0807	0.1190	0.1710	1.0000
RP10/A	0.0152	0.0236	0.0314	0.0437	0.0531	0.0719	0.0881	0.1340	0.1975	0.2839	1.5570
RP25/A	0.0187	0.0292	0.0388	0.0540	0.0656	0.0888	0.1088	0.1655	0.2440	0.3507	1.8397
RP50/A	0.0213	0.0332	0.0442	0.0615	0.0747	0.1012	0.1240	0.1886	0.2780	0.3995	2.0392
RP100/A	0.0239	0.0372	0.0495	0.0689	0.0837	0.1133	0.1388	0.2111	0.3112	0.4473	2.2303
RP1000/A	0.0321	0.0500	0.0666	0.0926	0.1125	0.1523	0.1866	0.2839	0.4184	0.6014	2.8254
RP10000/A	0.0401	0.0625	0.0831	0.1156	0.1405	0.1902	0.2331	0.3545	0.5226	0.7510	3.3833
PMP/A	0.0768	0.1197	0.1592	0.2214	0.2690	0.3642	0.4463	0.6788	1.0006	1.4381	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
Y01 5706 1	MIRA LOMA O.M.DEPOT	21A			B27			34.02B	117.532	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1945	*****	*****	0.17	0.26	0.42	0.49	*****	0.96	1.22	1.78	11.88
1946	*****	*****	0.22	0.29	0.57	0.90	*****	1.53	2.27	3.30	9.94
1947	*****	*****	0.12	0.21	0.29	0.51	*****	0.76	0.84	1.50	11.75
1948	*****	*****	0.40	0.72	0.83	0.92	*****	1.00	1.20	1.38	8.16
1949	*****	*****	0.35	0.42	0.47	0.52	*****	0.58	0.70	0.90	9.88
1950	*****	*****	0.22	0.29	0.42	0.57	*****	0.95	1.15	1.38	10.04
1951	*****	*****	0.15	0.25	0.39	0.48	*****	0.69	0.73	0.77	7.77
1952	*****	*****	0.38	0.28	0.40	0.75	*****	1.72	2.49	3.65	25.42
1953	*****	*****	0.20	0.30	0.40	0.69	*****	0.96	1.24	1.74	10.28
1954	*****	*****	0.22	0.28	0.41	0.72	*****	1.60	2.30	3.17	13.10
1955	*****	*****	0.16	0.28	0.40	0.70	*****	1.32	1.97	1.84	10.74
1956	*****	*****	0.38	0.48	0.68	1.21	*****	2.22	3.77	5.47	12.44
1957	*****	*****	0.15	0.22	0.33	0.59	*****	1.57	2.06	2.20	10.58
1958	*****	*****	0.13	0.23	0.40	0.58	*****	0.90	1.46	2.43	21.25
1959	*****	*****	0.20	0.35	0.50	0.66	*****	0.91	1.10	1.20	******
1960	*****	*****	0.12	0.20	0.28	0.40	*****	0.76	0.87	1.03	******
1961	*****	*****	0.22	0.25	0.30	0.34	*****	0.42	0.43	0.43	3.30
1962	*****	*****	0.32	0.41	0.41	0.61	*****	1.09	1.24	1.80	12.94
1963	*****	*****	0.22	0.36	0.42	0.60	*****	1.15	1.65	2.88	12.34
1964	*****	*****	0.32	0.38	0.42	0.75	*****	1.16	1.27	1.35	7.38
1965	*****	*****	0.16	0.28	0.42	0.59	*****	1.15	1.19	1.49	9.62
1966	*****	*****	0.25	0.40	0.53	0.88	*****	1.38	2.23	2.35	11.93
1967	*****	*****	0.26	0.35	0.46	0.65	*****	1.47	1.80	2.33	******
1968	*****	*****	0.40	0.65	0.95	1.30	*****	2.12	2.82	3.06	******
1969	*****	*****	0.12	0.20	0.35	0.55	*****	1.31	2.45	3.30	20.74
1970	*****	*****	0.39	0.42	0.45	0.54	*****	0.97	1.21	1.42	6.56
1971	*****	*****	0.30	0.30	0.30	0.45	*****	0.75	1.05	1.70	8.41
1972	*****	*****	0.20	0.20	0.32	0.55	*****	1.28	1.90	2.20	6.62

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
Y01 5706 1	MIRA LOMA O.M.DEPOT	21A			B27			34.02B	117.532	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.22	0.29	0.41	0.59	0.0	1.04	1.42	1.84	10.68
5	0.0	0.0	0.33	0.45	0.62	0.89	0.0	1.57	2.15	2.79	15.03
10	0.0	0.0	0.40	0.55	0.76	1.10	0.0	1.94	2.65	3.44	17.73
20	0.0	0.0	0.48	0.65	0.90	1.29	0.0	2.28	3.12	4.06	20.19
25	0.0	0.0	0.50	0.68	0.94	1.36	0.0	2.39	3.27	4.25	20.95
40	0.0	0.0	0.55	0.74	1.03	1.48	0.0	2.62	3.58	4.65	22.50
50	0.0	0.0	0.57	0.77	1.07	1.54	0.0	2.73	3.72	4.84	23.22
100	0.0	0.0	0.64	0.87	1.20	1.73	0.0	3.05	4.17	5.42	25.39
200	0.0	0.0	0.71	0.96	1.32	1.91	0.0	3.37	4.61	5.99	27.50
1000	0.0	0.0	0.86	1.16	1.61	2.32	0.0	4.10	5.60	7.29	32.17
10000	0.0	0.0	1.07	1.45	2.01	2.90	0.0	5.13	7.00	9.10	38.52
PMP	0.0	0.0	2.05	2.78	3.85	5.56	0.0	9.82	13.40	17.43	82.44
MEAN	0.0	0.0	0.244	0.331	0.458	0.661	0.0	1.167	1.593	2.073	11.386
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.403	1.682	1.732	1.468	0.0	0.720	0.947	1.236	1.435
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.522 ; INTERCEPT (TIME=1 HOUR) =0.466 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.04097 ; AVERAGE CALC CV / USED CV = 0.77

KURTOSIS	0.0	0.0	5.865	6.300	5.693	5.615	0.0	3.710	4.226	5.546	5.667
N	0	0	28	28	28	28	0	28	28	28	24
RECORD YEAR	0	0	1968	1968	1968	1968	0	1956	1956	1956	1952
RECORD MAXIMUM	0.0	0.0	0.600	0.720	0.950	1.300	0.0	2.220	3.770	5.470	25.420
NORMILIZED MAX	0.0	0.0	3.253	3.090	2.915	2.519	0.0	2.452	2.888	3.180	2.846
CALC. COEF. VAR	0.0	0.0	0.449	0.381	0.369	0.331	0.0	0.368	0.473	0.515	0.433
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0214	0.0290	0.0402	0.0580	0.0	0.1025	0.1399	0.1820	1.0000
RP10/A	0.0	0.0	0.0356	0.0482	0.0668	0.0963	0.0	0.1702	0.2323	0.3023	1.5570
RP25/A	0.0	0.0	0.0439	0.0596	0.0825	0.1190	0.0	0.2102	0.2870	0.3734	1.8397
RP50/A	0.0	0.0	0.0501	0.0679	0.0940	0.1356	0.0	0.2395	0.3269	0.4254	2.0392
RP100/A	0.0	0.0	0.0560	0.0760	0.1052	0.1518	0.0	0.2682	0.3660	0.4762	2.2303
RP1000/A	0.0	0.0	0.0753	0.1022	0.1414	0.2041	0.0	0.3605	0.4921	0.6403	2.8254
RP10000/A	0.0	0.0	0.0941	0.1276	0.1766	0.2549	0.0	0.4502	0.6146	0.7996	3.3833
PMP/A	0.0	0.0	0.1802	0.2443	0.3382	0.4880	0.0	0.8621	1.1768	1.5310	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	FMM	LATITUDE	LONGITUDE	COUNTY
Y01 6310 11	OAK GLEN,CLAPP	1480	26	01S	01W	B	S	34.049	116.095	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1943	*****	*****	0.26	0.35	0.58	1.04	*****	2.58	4.12	7.08	36.47
1944	*****	*****	0.18	0.30	0.45	0.85	*****	1.50	1.67	2.18	27.34
1945	*****	*****	0.30	0.52	0.68	1.35	*****	3.70	5.05	5.35	34.60
1946	*****	*****	1.05	1.68	1.75	1.75	*****	2.22	3.00	4.80	24.38
1947	*****	*****	0.49	0.49	0.62	0.64	*****	1.22	1.82	2.52	23.52
1948	*****	*****	0.15	0.20	0.34	0.64	*****	1.56	2.37	4.31	19.74
1949	*****	*****	0.20	0.26	0.42	0.66	*****	1.22	1.56	1.59	23.86
1950	*****	*****	0.45	0.70	0.72	0.75	*****	1.56	2.16	3.68	23.59
1951	*****	*****	0.25	0.35	0.48	0.68	*****	0.90	1.52	1.52	15.61
1952	*****	*****	0.60	0.80	0.80	0.80	*****	1.81	2.90	3.61	40.23
1953	*****	*****	0.12	0.26	0.46	0.65	*****	1.05	1.40	1.93	18.04
1954	*****	*****	0.15	0.30	0.59	1.10	*****	2.60	4.60	6.67	29.03
1955	*****	*****	0.43	0.55	0.92	1.00	*****	1.51	2.20	2.50	23.76
1956	*****	*****	0.30	0.30	0.44	0.80	*****	2.01	3.67	6.50	19.16
1957	*****	*****	0.23	0.30	0.43	0.68	*****	1.54	2.48	2.75	21.39
1958	*****	*****	0.75	0.75	0.75	1.03	*****	2.28	3.95	4.73	45.08
1959	*****	*****	0.30	0.38	0.59	0.79	*****	1.38	1.62	2.76	14.31
1960	*****	*****	0.60	0.77	0.77	1.05	*****	1.22	2.43	2.32	19.56
1961	*****	*****	0.52	0.66	0.90	0.90	*****	0.96	1.30	2.30	11.24
1962	*****	*****	0.23	0.30	0.49	0.84	*****	2.02	2.70	3.13	28.50
1963	*****	*****	0.25	0.35	0.55	0.95	*****	2.05	3.25	4.25	18.69
1964	*****	*****	0.44	0.44	0.53	0.80	*****	1.55	1.75	2.45	20.40
1965	*****	*****	0.15	0.25	0.40	0.70	*****	1.20	2.15	2.95	25.23
1966	*****	*****	0.60	0.60	0.65	0.65	*****	1.45	1.65	1.80	31.94
1967	*****	*****	0.23	0.51	0.77	1.73	*****	2.75	4.30	7.19	34.49
1968	*****	*****	0.45	0.63	0.70	0.85	*****	1.82	2.97	4.52	21.62
1969	*****	*****	0.65	0.70	0.85	1.25	*****	3.20	5.75	7.75	60.53
1970	*****	*****	0.59	1.06	1.23	1.23	*****	1.92	2.14	3.86	17.37
1971	*****	*****	0.25	0.35	0.50	0.90	*****	1.90	2.30	2.80	20.59
1972	*****	*****	0.20	0.35	0.40	0.50	*****	0.85	1.07	1.62	14.95

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	FMM	LATITUDE	LONGITUDE	COUNTY
Y01 6310 11	OAK GLEN,CLAPP	1480	26	01S	01W	B	S	34.049	116.095	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.34	0.46	0.59	0.80	0.0	1.59	2.34	3.30	23.94
5	0.0	0.0	0.52	0.70	0.89	1.22	0.0	2.41	3.54	5.00	33.67
10	0.0	0.0	0.63	0.86	1.09	1.50	0.0	2.97	4.36	6.16	39.72
20	0.0	0.0	0.75	1.01	1.29	1.77	0.0	3.50	5.14	7.26	45.23
25	0.0	0.0	0.79	1.06	1.35	1.85	0.0	3.67	5.39	7.61	46.93
40	0.0	0.0	0.86	1.16	1.48	2.03	0.0	4.01	5.90	8.33	50.41
50	0.0	0.0	0.89	1.20	1.54	2.11	0.0	4.18	6.14	8.67	52.02
100	0.0	0.0	1.00	1.35	1.72	2.36	0.0	4.68	6.87	9.71	56.89
200	0.0	0.0	1.11	1.49	1.90	2.61	0.0	5.17	7.60	10.73	61.60
1000	0.0	0.0	1.34	1.81	2.32	3.17	0.0	6.29	9.24	13.05	72.08
10000	0.0	0.0	1.68	2.26	2.89	3.96	0.0	7.85	11.54	16.30	86.31
PMP	0.0	0.0	3.22	4.34	5.54	7.59	0.0	15.03	22.10	31.21	184.69
MEAN	0.0	0.0	0.382	0.516	0.659	0.902	0.0	1.788	2.628	3.711	25.510
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.157	2.201	2.236	1.751	0.0	1.029	0.968	0.842	1.612
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.593 ; INTERCEPT (TIME=1 HOUR) =0.674 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.02640 ; AVERAGE CALC CV / USED CV = 0.95

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	4.897	9.497	9.842	5.285	0.0	4.266	3.399	2.892	6.587
N	0	0	30	30	30	30	0	30	30	30	30
RECORD YEAR	0	0	1946	1946	1946	1946	0	1945	1949	1969	1969
RECORD MAXIMUM	0.0	0.0	1.050	1.680	1.750	1.770	0.0	3.700	5.750	7.750	60.530
NORMILIZED MAX	0.0	0.0	3.095	3.868	3.837	3.179	0.0	2.827	2.564	2.200	3.392
CALC. CDFF. VAR	0.0	0.0	0.566	0.587	0.432	0.296	0.0	0.378	0.463	0.495	0.405
REGN. CDFF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED CDFF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0150	0.0202	0.0258	0.0354	0.0	0.0701	0.1030	0.1455	1.0000
RP10/A	0.0	0.0	0.0249	0.0336	0.0429	0.0587	0.0	0.1163	0.1710	0.2415	1.5570
RP25/A	0.0	0.0	0.0307	0.0414	0.0530	0.0725	0.0	0.1437	0.2113	0.2983	1.8397
RP50/A	0.0	0.0	0.0350	0.0472	0.0603	0.0826	0.0	0.1637	0.2407	0.3399	2.0392
RP100/A	0.0	0.0	0.0392	0.0529	0.0675	0.0925	0.0	0.1833	0.2695	0.3805	2.2303
RP1000/A	0.0	0.0	0.0527	0.0711	0.0908	0.1244	0.0	0.2465	0.3623	0.5116	2.8254
RP10000/A	0.0	0.0	0.0658	0.0888	0.1134	0.1553	0.0	0.3078	0.4524	0.6389	3.3833
PMP/A	0.0	0.0	0.1260	0.1700	0.2171	0.2974	0.0	0.5889	0.8663	1.2233	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. PRN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BBM	LATITUDE	LONGITUDE	COUNTY
Y01 6457 2	ONTARIO FIRE HALL	26	1030	30	01S	07W	S	34.063	117.649	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1944	*****	*****	0.17	0.24	0.33	0.56	*****	1.10	1.40	2.04	18.87
1945	*****	*****	0.62	0.74	0.75	0.78	*****	0.93	1.35	1.75	15.72
1946	*****	*****	0.21	0.34	0.55	0.91	*****	1.37	2.17	3.62	14.62
1947	*****	*****	0.27	0.47	0.53	0.65	*****	1.05	1.40	1.62	13.75
1948	*****	*****	0.15	0.27	0.52	0.73	*****	0.81	1.30	1.50	4.12
1949	*****	*****	0.14	0.21	0.26	0.29	*****	0.55	0.71	1.04	11.08
1950	*****	*****	0.10	0.20	0.30	0.40	*****	0.60	1.18	1.68	13.16
1951	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	7.98
1952	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	28.29
1953	*****	*****	0.30	0.44	0.44	0.75	*****	1.15	1.55	2.00	15.07
1954	*****	*****	0.20	0.28	0.40	0.97	*****	2.16	2.80	3.35	16.50
1955	*****	*****	0.20	0.25	0.38	0.75	*****	1.29	1.69	1.74	12.31
1956	*****	*****	0.21	0.41	0.62	1.11	*****	2.70	4.31	6.64	14.91
1957	*****	*****	0.15	0.18	0.29	0.53	*****	0.96	2.00	2.02	12.51
1958	*****	*****	0.13	0.23	0.81	1.09	*****	1.44	2.35	3.27	30.97
1959	*****	*****	0.27	0.50	0.95	1.16	*****	1.85	2.12	2.18	6.06
1960	*****	*****	0.10	0.15	0.30	0.47	*****	0.75	0.85	0.90	9.18
1961	*****	*****	0.11	0.19	0.26	0.47	*****	0.58	0.84	0.86	7.22
1962	*****	*****	0.20	0.34	0.73	1.14	*****	2.13	2.38	*****	17.02
1963	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	11.93
1964	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	11.75
1965	*****	*****	0.15	0.25	0.45	0.65	*****	1.10	1.30	1.40	12.31
1966	*****	*****	0.15	0.30	0.45	0.75	*****	1.20	2.25	3.45	20.22
1967	*****	*****	0.26	0.36	0.50	0.73	*****	1.50	2.38	3.55	22.76
1968	*****	*****	0.50	0.65	1.07	1.48	*****	2.67	3.37	4.08	12.68
1969	*****	*****	0.27	0.35	0.50	0.72	*****	1.90	3.00	5.00	29.20
1970	*****	*****	0.17	0.23	0.35	0.65	*****	1.28	1.45	2.12	10.28
1971	*****	*****	0.25	0.27	0.35	0.45	*****	1.10	1.60	2.45	11.33
1972	*****	*****	0.18	0.20	0.34	0.65	*****	1.47	2.02	2.52	7.99

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. PRN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BBM	LATITUDE	LONGITUDE	COUNTY
Y01 6457 2	ONTARIO FIRE HALL	26	1030	30	01S	07W	S	34.063	117.649	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.19	0.29	0.46	0.67	0.0	1.20	1.70	2.26	13.68
5	0.0	0.0	0.30	0.43	0.69	1.02	0.0	1.82	2.58	3.43	19.24
10	0.0	0.0	0.36	0.53	0.85	1.25	0.0	2.25	3.17	4.23	22.70
20	0.0	0.0	0.43	0.63	1.00	1.48	0.0	2.65	3.74	4.98	25.85
25	0.0	0.0	0.45	0.66	1.05	1.55	0.0	2.77	3.92	5.22	26.82
40	0.0	0.0	0.49	0.72	1.15	1.70	0.0	3.04	4.29	5.72	28.81
50	0.0	0.0	0.51	0.75	1.20	1.76	0.0	3.16	4.47	5.95	29.73
100	0.0	0.0	0.57	0.84	1.34	1.98	0.0	3.54	5.00	6.66	32.51
200	0.0	0.0	0.63	0.93	1.48	2.18	0.0	3.91	5.53	7.36	35.21
1000	0.0	0.0	0.77	1.13	1.80	2.66	0.0	4.76	6.72	8.95	41.19
10000	0.0	0.0	0.96	1.41	2.25	3.32	0.0	5.94	8.40	11.18	49.32
PMP	0.0	0.0	1.84	2.71	4.37	6.35	0.0	11.38	16.08	21.41	105.55
MEAN	0.0	0.0	0.219	0.322	0.513	0.755	0.0	1.353	1.912	2.545	14.579
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	2.173	1.471	0.993	0.735	0.0	0.937	1.037	1.360	1.279
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.397 ; INTERCEPT (TIME=1 HOUR) =0.501 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.03437 ; AVERAGE CALC CV / USED CV = 0.91

KURTOSIS	0.0	0.0	8.514	5.243	3.492	3.728	0.0	3.616	4.632	5.449	4.398
N	0	0	25	25	25	25	0	25	25	24	29
RECORD YEAR	0	0	1945	1945	1968	1968	0	1956	1956	1956	1958
RECORD MAXIMUM	0.0	0.0	0.620	0.740	1.070	1.480	0.0	2.700	4.310	6.640	30.970
NORMALIZED MAX	0.0	0.0	3.376	2.863	2.477	2.589	0.0	2.268	2.848	2.904	2.557
CALC. COEF. VAR	0.0	0.0	0.543	0.453	0.438	0.371	0.0	0.435	0.441	0.537	0.440
REG. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0150	0.0221	0.0352	0.0518	0.0	0.0928	0.1311	0.1746	1.0000
RP10/A	0.0	0.0	0.0249	0.0367	0.0584	0.0860	0.0	0.1541	0.2177	0.2899	1.5570
RP25/A	0.0	0.0	0.0308	0.0453	0.0722	0.1062	0.0	0.1903	0.2689	0.3581	1.8397
RP50/A	0.0	0.0	0.0351	0.0516	0.0822	0.1210	0.0	0.2168	0.3066	0.4079	2.0392
RP100/A	0.0	0.0	0.0393	0.0578	0.0921	0.1355	0.0	0.2427	0.3430	0.4567	2.2303
RP1000/A	0.0	0.0	0.0528	0.0777	0.1238	0.1822	0.0	0.3263	0.4611	0.6140	2.8254
RP10000/A	0.0	0.0	0.0659	0.0970	0.1546	0.2275	0.0	0.4075	0.5759	0.7668	3.3833
PMP/A	0.0	0.0	0.1262	0.1857	0.2960	0.4356	0.0	0.7804	1.1027	1.4683	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
Y01 7306 1	REDLANDS,RDTH	23	1239	32	01S	03W	S	34.033	117.209	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1944	*****	*****	0.13	0.23	0.36	0.60	*****	1.38	1.83	2.52	16.91
1945	*****	*****	0.16	0.20	0.27	0.47	*****	0.84	0.98	1.05	12.08
1946	*****	*****	0.24	0.39	0.44	0.66	*****	1.25	1.76	2.65	7.74
1947	*****	*****	0.28	0.47	0.53	0.66	*****	1.05	1.40	1.62	11.58
1948	*****	*****	0.15	0.27	0.52	0.73	*****	0.81	1.30	1.80	7.87
1949	*****	*****	0.14	0.21	0.26	0.29	*****	0.53	0.71	1.04	9.93
1950	*****	*****	0.10	0.20	0.30	0.40	*****	0.80	1.18	1.68	8.62
1951	*****	*****	0.30	0.35	0.45	0.55	*****	0.59	0.70	0.93	7.90
1952	*****	*****	0.13	0.20	0.37	0.69	*****	1.30	1.76	2.55	20.08
1953	*****	*****	0.23	0.35	0.50	0.69	*****	1.01	1.16	1.62	12.39
1954	*****	*****	0.20	0.30	0.39	0.49	*****	1.11	1.77	2.18	13.16
1955	*****	*****	0.12	0.23	0.35	0.57	*****	1.34	1.97	2.19	10.16
1956	*****	*****	0.10	0.18	0.30	0.50	*****	1.20	2.00	3.19	9.53
1957	*****	*****	0.20	0.35	0.45	0.65	*****	0.73	0.74	0.99	10.43
1958	*****	*****	0.15	0.26	0.51	0.61	*****	1.11	1.47	1.90	19.21
1959	*****	*****	0.10	0.17	0.32	0.37	*****	0.76	1.02	1.21	5.53
1960	*****	*****	0.12	0.20	0.29	0.50	*****	0.98	1.07	1.17	9.69
1961	*****	*****	0.15	0.17	0.21	0.33	*****	0.40	0.60	0.67	3.91
1962	*****	*****	0.31	0.49	0.49	0.50	*****	0.79	1.15	1.15	14.13
1963	*****	*****	0.35	0.35	0.50	0.67	*****	1.19	1.65	1.62	11.62
1964	*****	*****	0.20	0.20	0.35	0.55	*****	1.03	1.30	1.56	9.69
1965	*****	*****	0.35	0.35	0.35	0.55	*****	1.00	1.05	1.30	11.18
1966	*****	*****	0.30	0.40	0.60	0.70	*****	1.00	1.00	1.45	13.76
1967	*****	*****	0.24	0.36	0.46	0.63	*****	1.72	2.71	3.88	17.95
1968	*****	*****	0.25	0.35	0.60	0.85	*****	0.90	1.35	1.93	9.87
1969	*****	*****	0.26	0.35	0.63	1.10	*****	1.88	2.63	3.60	23.61
1970	*****	*****	0.17	0.33	0.35	0.47	*****	0.90	1.25	1.42	7.82
1971	*****	*****	0.17	0.27	0.32	0.45	*****	0.90	1.25	1.45	9.31
1972	*****	*****	0.08	0.10	0.17	0.31	*****	0.67	1.20	1.65	5.93

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
Y01 7306 1	REDLANDS,RDTH	23	1239	32	01S	03W	S	34.033	117.209	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.18	0.25	0.36	0.50	0.0	0.89	1.22	1.62	10.72
5	0.0	0.0	0.27	0.38	0.54	0.76	0.0	1.35	1.85	2.45	15.08
10	0.0	0.0	0.33	0.47	0.67	0.93	0.0	1.66	2.28	3.02	17.79
20	0.0	0.0	0.39	0.56	0.79	1.10	0.0	1.96	2.68	3.56	20.26
25	0.0	0.0	0.41	0.59	0.82	1.15	0.0	2.06	2.81	3.73	21.02
40	0.0	0.0	0.45	0.64	0.90	1.26	0.0	2.25	3.08	4.09	22.58
50	0.0	0.0	0.47	0.67	0.94	1.31	0.0	2.34	3.20	4.25	23.30
100	0.0	0.0	0.52	0.75	1.05	1.47	0.0	2.62	3.59	4.76	25.49
200	0.0	0.0	0.58	0.83	1.16	1.62	0.0	2.90	3.96	5.26	27.60
1000	0.0	0.0	0.70	1.00	1.41	1.98	0.0	3.52	4.82	6.40	32.29
10000	0.0	0.0	0.88	1.25	1.76	2.47	0.0	4.40	6.02	7.99	38.66
PMP	0.0	0.0	1.68	2.40	3.39	4.72	0.0	8.43	11.53	15.30	82.74
MEAN	0.0	0.0	0.199	0.286	0.401	0.562	0.0	1.002	1.371	1.820	11.428
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.470	0.229	0.139	0.996	0.0	0.755	0.991	1.038	0.973
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.502 ; INTERCEPT (TIME=1 HOUR) =0.400 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.03499 ; AVERAGE CALC CV / USED CV = 0.68

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	2.246	2.679	2.573	5.490	0.0	4.252	4.235	3.918	4.065
N	0	0	29	29	29	29	0	29	29	29	29
RECORD YEAR	0	0	1963	1962	1969	1969	0	1969	1967	1967	1969
RECORD MAXIMUM	0.0	0.0	0.350	0.490	0.630	1.100	0.0	1.880	2.710	3.880	23.610
NORMILIZED MAX	0.0	0.0	1.814	2.128	1.919	3.160	0.0	2.679	2.586	2.584	2.686
CALC. COEF. VAR	0.0	0.0	0.417	0.337	0.297	0.303	0.0	0.327	0.378	0.438	0.397
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0174	0.0250	0.0351	0.0492	0.0	0.0877	0.1200	0.1592	1.0000
RP10/A	0.0	0.0	0.0290	0.0415	0.0583	0.0816	0.0	0.1456	0.1992	0.2644	1.5570
RP25/A	0.0	0.0	0.0358	0.0512	0.0720	0.1008	0.0	0.1799	0.2461	0.3266	1.8397
RP50/A	0.0	0.0	0.0408	0.0584	0.0821	0.1149	0.0	0.2049	0.2803	0.3721	2.0392
RP100/A	0.0	0.0	0.0456	0.0654	0.0919	0.1286	0.0	0.2294	0.3139	0.4166	2.2303
RP1000/A	0.0	0.0	0.0613	0.0879	0.1235	0.1729	0.0	0.3084	0.4219	0.5600	2.8254
RP10000/A	0.0	0.0	0.0766	0.1097	0.1543	0.2159	0.0	0.3851	0.5269	0.6994	3.3833
PMP/A	0.0	0.0	0.1467	0.2101	0.2954	0.4134	0.0	0.7375	1.0090	1.3392	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 7724 3	SAN BERNARDINO 1R	1047	11	01S	04W	B	S	34.104	117.267	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1953	*****	*****	0.23	0.33	0.54	0.63	*****	0.85	1.01	1.47	10.08
1954	*****	*****	0.14	0.30	0.39	0.72	*****	1.39	1.71	2.57	14.88
1955	*****	*****	0.15	0.35	0.73	1.30	*****	2.32	2.93	2.99	2.65
1956	*****	*****	0.20	0.30	0.50	0.87	*****	2.12	3.19	5.04	13.13
1957	*****	*****	0.30	0.33	0.45	0.53	*****	0.97	1.07	1.77	13.13
1958	*****	*****	0.40	0.47	0.64	0.79	*****	1.34	1.86	2.11	25.38
1959	*****	*****	0.45	0.80	0.93	1.07	*****	1.33	1.33	1.33	6.28
1960	*****	*****	0.17	0.23	0.40	0.70	*****	1.21	1.33	1.33	11.79
1961	*****	*****	0.17	0.24	0.28	0.33	*****	0.50	0.70	0.91	4.73
1962	*****	*****	0.19	0.27	0.34	0.61	*****	1.06	1.39	1.49	12.17
1963	*****	*****	0.27	0.40	0.50	1.00	*****	1.25	1.40	2.30	11.53
1964	*****	*****	0.15	0.23	0.30	0.50	*****	1.25	1.70	1.93	8.69
1965	*****	*****	0.20	0.25	0.40	0.55	*****	0.90	1.10	1.50	12.83
1966	*****	*****	0.15	0.25	0.45	0.80	*****	1.65	2.85	3.45	14.08
1967	*****	*****	0.25	0.35	0.55	0.93	*****	2.05	2.59	3.40	18.31
1968	*****	*****	0.13	0.20	0.30	0.52	*****	0.95	1.42	1.72	9.19
1969	*****	*****	0.20	0.30	0.45	0.86	*****	1.85	3.25	4.20	26.83
1970	*****	*****	0.19	0.24	0.33	0.46	*****	0.80	1.23	1.35	7.63
1971	*****	*****	0.30	0.41	0.52	0.56	*****	1.00	1.22	1.82	8.86
1972	*****	*****	0.24	0.35	0.67	0.85	*****	1.01	1.70	2.10	7.23

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 7724 3	SAN BERNARDINO 1R	1047	11	01S	04W	B	S	34.104	117.267	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.20	0.29	0.43	0.65	0.0	1.15	1.55	1.99	11.23
5	0.0	0.0	0.30	0.44	0.65	0.98	0.0	1.74	2.36	3.03	15.80
10	0.0	0.0	0.37	0.55	0.80	1.21	0.0	2.14	2.90	3.73	18.64
20	0.0	0.0	0.44	0.65	0.95	1.43	0.0	2.53	3.42	4.39	21.22
25	0.0	0.0	0.46	0.68	0.99	1.50	0.0	2.65	3.59	4.60	22.02
40	0.0	0.0	0.50	0.74	1.09	1.64	0.0	2.90	3.93	5.04	23.65
50	0.0	0.0	0.52	0.77	1.13	1.70	0.0	3.01	4.09	5.24	24.41
100	0.0	0.0	0.59	0.86	1.26	1.91	0.0	3.37	4.58	5.87	26.69
200	0.0	0.0	0.65	0.95	1.40	2.11	0.0	3.73	5.06	6.49	28.90
1000	0.0	0.0	0.78	1.16	1.70	2.56	0.0	4.54	6.15	7.89	33.82
10000	0.0	0.0	0.98	1.45	2.12	3.20	0.0	5.67	7.68	9.86	40.49
PMP	0.0	0.0	1.88	2.78	4.07	6.13	0.0	10.85	14.71	18.87	86.66
MEAN	0.0	0.0	0.224	0.330	0.483	0.729	0.0	1.290	1.749	2.244	11.969
CLOCK HR. CORR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.396	2.624	1.143	0.596	0.0	0.746	0.906	1.289	1.127
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.434 ; INTERCEPT (TIME=1 HOUR) =0.489 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.04084 ; AVERAGE CALC CV / USED CV = 0.73

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	4.994	11.733	4.855	3.621	0.0	3.275	2.928	4.478	4.800
N	0	0	20	20	20	20	0	20	20	20	20
RECORD YEAR	0	0	1959	1959	1959	1955	0	1955	1969	1956	1969
RECORD MAXIMUM	0.0	0.0	0.450	0.800	0.930	1.300	0.0	2.320	3.250	5.040	26.830
NORMILIZED MAX	0.0	0.0	2.643	3.593	2.731	2.407	0.0	2.131	1.934	2.581	2.444
CALC. COEF. VAR	0.0	0.0	0.382	0.396	0.338	0.325	0.0	0.375	0.444	0.483	0.508
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0187	0.0276	0.0404	0.0609	0.0	0.1078	0.1461	0.1875	1.0000
RP10/A	0.0	0.0	0.0311	0.0458	0.0671	0.1011	0.0	0.1789	0.2426	0.3113	1.5570
RP25/A	0.0	0.0	0.0384	0.0566	0.0829	0.1249	0.0	0.2211	0.2997	0.3845	1.8397
RP50/A	0.0	0.0	0.0437	0.0644	0.0944	0.1423	0.0	0.2518	0.3414	0.4381	2.0392
RP100/A	0.0	0.0	0.0490	0.0721	0.1057	0.1593	0.0	0.2820	0.3823	0.4905	2.2303
RP1000/A	0.0	0.0	0.0658	0.0970	0.1421	0.2142	0.0	0.3791	0.5139	0.6594	2.8254
RP10000/A	0.0	0.0	0.0822	0.1211	0.1774	0.2675	0.0	0.4734	0.6418	0.8234	3.3833
PMP/A	0.0	0.0	0.1574	0.2319	0.3397	0.5122	0.0	0.9064	1.2289	1.5767	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
Y01 7891 0	SANTA ANNA RIVER PH3	1980	4	015	02W		S	34.108	117.115	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.72	1.04	1.06	1.38	2.26	2.40	******
1941	*****	*****	*****	*****	0.66	0.79	0.95	1.58	1.61	1.61	30.83
1942	*****	*****	*****	*****	0.45	0.65	0.82	0.93	1.40	1.75	9.80
1943	*****	*****	*****	*****	0.57	0.74	0.79	1.28	2.32	3.86	26.36
1944	0.10	0.20	0.21	0.41	0.56	0.84	1.03	1.45	2.05	2.55	20.97
1945	0.13	0.20	0.25	0.31	0.41	0.75	1.08	1.39	1.77	3.30	19.82
1946	0.10	0.17	0.22	0.30	0.45	0.61	0.79	1.15	1.68	1.78	18.19
1947	0.12	0.16	0.21	0.29	0.57	1.13	1.69	2.25	2.29	2.29	7.80
1948	0.11	0.22	0.24	0.28	0.35	0.46	0.50	0.75	1.17	1.68	10.70
1949	*****	*****	*****	*****	0.34	0.57	0.76	0.96	1.21	1.31	******
1950	*****	*****	*****	*****	0.32	0.60	0.89	0.97	1.38	2.24	******
1951	*****	*****	*****	*****	0.37	*****	*****	1.12	*****	3.75	17.58
1952	0.25	0.30	0.30	0.31	0.50	0.65	0.79	1.42	1.76	1.89	22.22
1953	0.10	0.13	0.14	0.19	0.31	0.45	0.51	0.91	1.16	1.23	7.43
1954	0.07	0.14	0.20	0.26	0.36	0.55	0.80	1.14	1.72	2.70	18.64
1955	0.21	0.42	0.51	0.72	0.77	0.77	0.77	0.93	1.16	1.46	12.63
1956	0.15	0.21	0.22	0.26	0.52	0.72	0.86	1.40	2.57	4.14	10.79
1957	0.23	0.34	0.35	0.35	0.36	0.36	0.50	0.86	1.23	1.37	17.28
1958	0.13	0.20	0.26	0.36	0.53	0.69	0.80	1.04	1.44	1.57	16.94
1959	0.10	0.15	0.21	0.22	0.38	0.56	0.56	0.77	0.83	1.21	9.89
1960	0.08	0.12	0.15	0.18	0.31	0.50	0.56	0.85	1.12	1.34	11.76
1961	0.40	0.67	0.95	1.18	1.30	1.35	1.35	1.35	1.75	1.91	8.80
1962	0.13	0.17	0.21	0.27	0.36	0.50	0.63	0.91	1.17	1.66	14.03
1963	0.09	0.16	0.24	0.39	0.50	0.63	0.71	1.15	1.74	2.53	17.12
1964	0.12	0.16	0.25	0.30	0.45	0.51	0.66	0.98	1.34	1.46	12.17
1965	0.14	0.15	0.25	0.37	0.70	1.14	1.66	2.03	3.18	4.90	24.04
1966	0.09	0.13	0.22	0.35	0.53	0.90	1.28	2.45	4.04	5.99	17.28
1967	0.10	0.16	0.21	0.30	0.40	0.62	0.64	0.67	1.19	1.96	16.27
1968	0.07	0.12	0.17	0.27	0.38	0.68	0.78	0.89	1.32	1.51	6.81
1969	0.15	0.28	0.31	0.40	0.44	0.78	1.02	1.63	2.62	4.36	30.57
1970	0.15	0.22	0.25	0.38	0.51	0.84	1.04	1.49	1.87	2.23	15.98
1971	0.09	0.12	0.15	0.28	0.46	0.56	0.76	0.92	1.42	1.77	12.37
1972	0.15	0.19	0.29	0.40	0.57	0.69	0.77	0.79	1.13	1.20	8.50
1973	*****	*****	*****	*****	0.40	0.59	0.82	1.16	1.69	2.36	19.50
1974	*****	*****	*****	*****	0.21	0.38	0.52	0.92	1.27	1.75	13.28

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
Y01 7891 0	SANTA ANNA RIVER PH3	1980	4	015	02W		S	34.108	117.115	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.19	0.24	0.32	0.43	0.62	0.76	1.06	1.51	2.06	14.85
5	0.18	0.28	0.36	0.48	0.66	0.94	1.15	1.61	2.29	3.12	20.89
10	0.23	0.35	0.45	0.60	0.81	1.15	1.41	1.99	2.83	3.84	24.64
20	0.27	0.41	0.52	0.70	0.95	1.36	1.67	2.34	3.33	4.53	28.06
25	0.28	0.43	0.55	0.74	1.00	1.42	1.75	2.45	3.49	4.75	29.12
40	0.31	0.47	0.60	0.81	1.09	1.56	1.91	2.68	3.82	5.20	31.27
50	0.32	0.49	0.63	0.84	1.14	1.62	1.99	2.79	3.98	5.41	32.27
100	0.36	0.55	0.70	0.94	1.27	1.82	2.23	3.13	4.45	6.06	35.30
200	0.40	0.61	0.78	1.06	1.41	2.01	2.46	3.46	4.92	6.69	38.22
1000	0.48	0.74	0.94	1.26	1.71	2.44	2.99	4.21	5.99	8.14	44.72
10000	0.60	0.93	1.18	1.58	2.14	3.05	3.74	5.25	7.47	10.17	53.55
PMP	1.15	1.78	2.25	3.02	4.09	5.84	7.16	10.06	14.31	19.47	114.59
MEAN	0.137	0.211	0.268	0.359	0.486	0.694	0.851	1.196	1.702	2.315	15.827
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.424	2.735	3.604	3.355	2.457	1.155	1.210	1.436	1.734	1.578	0.730
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.406 ; INTERCEPT (TIME=1 HOUR) =0.498 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.03147 ; AVERAGE CALC CV / USED CV = 0.94

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	10.259	11.816	17.635	15.763	12.175	4.699	4.779	5.199	6.836	5.252	3.374
N	26	26	26	26	35	34	34	35	34	35	32
RECORD YEAR	1961	1961	1961	1961	1961	1961	1947	1966	1966	1966	1941
RECORD MAXIMUM	0.400	0.670	0.950	1.180	1.300	1.350	1.690	2.450	4.040	5.990	30.830
NORMALIZED MAX	3.739	3.884	4.334	4.191	4.290	2.980	3.013	3.021	3.519	3.174	2.368
CALC. COEF. VAR	0.514	0.559	0.587	0.546	0.390	0.317	0.327	0.347	0.390	0.500	0.400
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0087	0.0133	0.0169	0.0227	0.0307	0.0439	0.0538	0.0755	0.1075	0.1463	1.0000
RP10/A	0.0144	0.0222	0.0281	0.0376	0.0510	0.0728	0.0893	0.1254	0.1785	0.2428	1.5570
RP25/A	0.0177	0.0274	0.0347	0.0465	0.0630	0.0900	0.1103	0.1550	0.2205	0.3000	1.8397
RP50/A	0.0202	0.0312	0.0396	0.0530	0.0718	0.1025	0.1257	0.1765	0.2512	0.3417	2.0392
RP100/A	0.0226	0.0349	0.0443	0.0593	0.0804	0.1147	0.1407	0.1976	0.2813	0.3826	2.2303
RP1000/A	0.0304	0.0469	0.0596	0.0797	0.1081	0.1542	0.1892	0.2657	0.3782	0.5144	2.8254
RP10000/A	0.0380	0.0586	0.0744	0.0996	0.1349	0.1926	0.2363	0.3318	0.4723	0.6424	3.3833
PMP/A	0.0728	0.1122	0.1424	0.1907	0.2584	0.3688	0.4525	0.6354	0.9043	1.2301	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 8213 0	SIERRA POWER HOUSE	3625	01	01N	08W		S	34.200	117.667	SAN BERNARDIND

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
	DURATION										
1957	0.15	0.21	0.25	0.35	0.65	1.16	1.59	2.78	3.92	4.37	21.11
1958	0.27	0.37	0.42	0.57	0.84	1.19	1.59	3.03	3.75	5.17	52.59
1959	0.18	0.24	0.32	0.50	0.77	1.22	1.54	2.69	3.82	4.17	17.56
1960	0.10	0.18	0.27	0.44	0.54	0.92	1.29	1.46	1.75	2.99	15.91
1961	0.13	0.17	0.22	0.32	0.42	0.72	0.89	1.23	1.88	2.06	11.09
1962	0.50	0.80	1.00	1.28	1.40	2.08	2.54	2.99	4.20	4.38	37.01
1963	0.12	0.18	0.27	0.44	0.76	1.37	1.99	3.46	4.05	5.05	15.30
1964	0.11	0.18	0.19	0.36	0.55	0.92	1.28	1.95	2.23	2.76	21.60
1965	0.13	0.20	0.22	0.34	0.57	0.87	1.25	2.05	2.45	3.41	34.34

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 8213 0	SIERRA POWER HOUSE	3625	01	01N	08W		S	34.200	117.667	SAN BERNARDIND

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
2	0.17	0.25	0.31	0.45	0.64	1.03	1.38	2.14	2.86	3.39	23.62
5	0.25	0.38	0.47	0.69	0.97	1.57	2.09	3.24	4.34	5.15	33.22
10	0.31	0.47	0.58	0.85	1.20	1.93	2.57	3.99	5.34	6.34	39.19
20	0.37	0.55	0.69	1.00	1.41	2.27	3.03	4.71	6.30	7.47	44.63
25	0.39	0.58	0.72	1.05	1.48	2.38	3.18	4.93	6.60	7.83	46.30
40	0.42	0.63	0.79	1.15	1.62	2.61	3.48	5.40	7.22	8.57	49.73
50	0.44	0.66	0.82	1.19	1.69	2.71	3.62	5.62	7.52	8.92	51.32
100	0.49	0.74	0.92	1.34	1.89	3.04	4.05	6.29	8.41	9.99	56.13
200	0.54	0.81	1.02	1.48	2.09	3.36	4.48	6.95	9.30	11.04	60.78
1000	0.66	0.99	1.23	1.80	2.54	4.08	5.45	8.46	11.31	13.43	71.11
10000	0.82	1.23	1.54	2.24	3.17	5.10	6.81	10.56	14.13	16.77	85.15
PMP	1.58	2.36	2.95	4.30	6.07	9.76	13.04	20.22	27.05	32.11	182.21
MEAN	0.186	0.281	0.351	0.511	0.722	1.161	1.550	2.404	3.217	3.818	25.168
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.238	2.549	2.619	2.589	1.836	1.609	1.022	-0.325	-0.008	-0.330	1.189
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.422 ; INTERCEPT (TIME=1 HOUR) =0.778 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.03090 ; AVERAGE CALC CV / USED CV = 1.09

KURTOSIS	8.744	10.140	10.584	10.519	7.878	7.131	5.513	3.033	2.675	3.159	4.821
N	9	9	9	9	9	9	9	9	9	9	9
RECORD YEAR	1962	1962	1962	1962	1962	1962	1962	1963	1963	1958	1958
RECORD MAXIMUM	0.500	0.800	1.000	1.280	1.400	2.080	2.540	3.460	4.950	5.170	52.590
NORMILIZED MAX	2.442	2.541	2.569	2.564	2.361	2.290	2.067	1.381	1.505	1.264	2.041
CALC. CDFF. VAR	0.681	0.726	0.719	0.587	0.398	0.346	0.309	0.318	0.358	0.280	0.534
REGN. CDFF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED CDFF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0075	0.0112	0.0140	0.0203	0.0287	0.0461	0.0616	0.0955	0.1278	0.1517	1.0000
RP10/A	0.0124	0.0185	0.0232	0.0337	0.0476	0.0766	0.1023	0.1586	0.2122	0.2519	1.5570
RP25/A	0.0153	0.0229	0.0286	0.0417	0.0589	0.0946	0.1263	0.1960	0.2621	0.3111	1.8397
RP50/A	0.0174	0.0261	0.0326	0.0475	0.0671	0.1078	0.1439	0.2232	0.2986	0.3544	2.0392
RP100/A	0.0195	0.0292	0.0365	0.0531	0.0751	0.1207	0.1611	0.2499	0.3344	0.3968	2.2303
RP1000/A	0.0262	0.0393	0.0491	0.0714	0.1009	0.1623	0.2166	0.3360	0.4495	0.5335	2.8254
RP10000/A	0.0328	0.0491	0.0613	0.0892	0.1260	0.2026	0.2705	0.4196	0.5613	0.6663	3.3833
PMP/A	0.0627	0.0939	0.1173	0.1708	0.2413	0.3880	0.5179	0.8035	1.0749	1.2757	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 9157 0	UPLAND FC650R	19A	1840	25	01N	08W	S	34.140	117.677	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1944	*****	*****	0.25	0.27	0.47	0.50	*****	1.22	2.44	4.74	26.14
1945	*****	*****	0.25	0.30	0.50	0.65	*****	1.20	1.85	3.32	22.70
1946	*****	*****	0.40	0.57	0.66	1.14	*****	2.22	2.50	4.46	18.95
1947	*****	*****	0.25	0.32	0.36	0.70	*****	1.30	1.70	2.30	20.47
1948	*****	*****	0.25	0.31	0.35	0.40	*****	0.79	0.93	0.99	12.44
1949	*****	*****	0.21	0.40	0.50	0.98	*****	1.50	1.72	2.11	15.61
1950	*****	*****	0.27	0.52	1.01	1.10	*****	1.50	2.00	3.30	16.50
1951	*****	*****	0.12	0.24	0.42	0.71	*****	1.14	1.15	1.27	11.13
1952	*****	*****	0.29	0.40	0.58	0.86	*****	1.94	3.10	3.93	31.73
1953	*****	*****	0.20	0.33	0.63	0.94	*****	1.16	1.18	1.87	12.62
1954	*****	*****	0.18	0.29	0.54	0.87	*****	1.93	2.80	4.25	21.62
1955	*****	*****	0.30	0.40	0.55	0.67	*****	1.38	1.77	1.77	13.73
1956	*****	*****	0.30	0.42	0.67	1.33	*****	3.82	5.92	7.60	17.49
1957	*****	*****	0.25	0.25	0.42	0.66	*****	1.80	2.32	2.69	15.40
1958	*****	*****	0.25	0.35	0.65	1.04	*****	1.84	2.76	3.36	38.48
1959	*****	*****	0.28	0.40	0.62	0.77	*****	1.18	1.28	1.35	9.11
1960	*****	*****	0.13	0.20	0.32	0.57	*****	1.10	1.15	1.22	10.80
1961	*****	*****	0.37	0.44	0.44	0.54	*****	0.73	1.14	1.56	7.85
1962	*****	*****	0.30	0.55	0.63	1.10	*****	2.49	2.91	2.91	20.29
1963	*****	*****	0.25	0.30	0.50	0.80	*****	1.95	3.25	4.20	13.84
1964	*****	*****	0.40	0.40	0.52	0.90	*****	1.50	1.60	1.90	11.87
1965	*****	*****	0.30	0.55	0.75	1.15	*****	1.90	2.05	2.30	16.59
1966	*****	*****	0.20	0.25	0.40	1.05	*****	1.60	2.25	2.30	18.83
1967	*****	*****	0.21	0.28	0.50	0.86	*****	1.88	3.00	4.37	30.65
1968	*****	*****	0.65	1.10	1.20	1.33	*****	2.05	2.98	3.50	16.85
1969	*****	*****	0.55	0.90	1.20	1.53	*****	1.90	3.18	5.65	34.45
1970	*****	*****	0.31	0.33	0.47	0.57	*****	1.40	1.77	3.08	12.69
1971	*****	*****	0.20	0.25	0.40	0.65	*****	1.30	1.86	3.20	14.49
1972	*****	*****	0.20	0.22	0.35	0.70	*****	1.58	2.20	2.75	9.12

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 9157 0	UPLAND FC650R	19A	1840	25	01N	08W	S	34.140	117.677	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.25	0.35	0.51	0.77	0.0	1.45	1.98	2.69	16.91
5	0.0	0.0	0.38	0.54	0.77	1.17	0.0	2.20	3.01	4.08	23.78
10	0.0	0.0	0.46	0.66	0.95	1.44	0.0	2.71	3.71	5.02	28.05
20	0.0	0.0	0.55	0.78	1.12	1.69	0.0	3.19	4.37	5.92	31.94
25	0.0	0.0	0.57	0.82	1.17	1.77	0.0	3.35	4.58	6.21	33.14
40	0.0	0.0	0.63	0.89	1.29	1.94	0.0	3.66	5.01	6.79	35.60
50	0.0	0.0	0.65	0.93	1.34	2.02	0.0	3.81	5.22	7.07	36.74
100	0.0	0.0	0.73	1.04	1.50	2.26	0.0	4.27	5.84	7.92	40.18
200	0.0	0.0	0.81	1.15	1.66	2.50	0.0	4.72	6.46	8.75	43.50
1000	0.0	0.0	0.98	1.40	2.01	3.04	0.0	5.74	7.85	10.64	50.90
10000	0.0	0.0	1.23	1.75	2.52	3.80	0.0	7.16	9.81	13.29	60.95
PMP	0.0	0.0	2.35	3.35	4.82	7.27	0.0	13.72	18.78	25.45	130.43
MEAN	0.0	0.0	0.280	0.398	0.573	0.864	0.0	1.631	2.233	3.026	18.015
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.740	2.264	1.725	0.548	0.0	1.753	1.772	1.218	1.147
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.460 ; INTERCEPT (TIME=1 HOUR) =0.584 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.03244 ; AVERAGE CALC CV / USED CV = 0.81

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	7.157	8.938	6.017	3.065	0.0	8.741	8.706	5.635	4.010
N	0	0	29	29	29	29	0	29	29	29	29
RECORD YEAR	0	0	1968	1968	1968	1969	0	1956	1956	1956	1958
RECORD MAXIMUM	0.0	0.0	0.650	1.100	1.200	1.530	0.0	3.820	5.920	7.800	38.480
NORMILIZED MAX	0.0	0.0	3.313	3.565	2.785	2.418	0.0	3.694	3.713	3.217	2.623
CALC. COEF. VAR	0.0	0.0	0.399	0.495	0.393	0.318	0.0	0.363	0.445	0.490	0.433
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0155	0.0221	0.0318	0.0480	0.0	0.0905	0.1240	0.1680	1.0000
RP10/A	0.0	0.0	0.0258	0.0367	0.0528	0.0797	0.0	0.1503	0.2058	0.2789	1.5570
RP25/A	0.0	0.0	0.0319	0.0453	0.0652	0.0984	0.0	0.1857	0.2542	0.3445	1.8397
RP50/A	0.0	0.0	0.0363	0.0516	0.0743	0.1121	0.0	0.2115	0.2896	0.3925	2.0392
RP100/A	0.0	0.0	0.0407	0.0578	0.0832	0.1255	0.0	0.2368	0.3243	0.4394	2.2303
RP1000/A	0.0	0.0	0.0547	0.0777	0.1118	0.1688	0.0	0.3184	0.4360	0.5907	2.8254
RP10000/A	0.0	0.0	0.0683	0.0970	0.1396	0.2108	0.0	0.3976	0.5444	0.7377	3.3833
PMP/A	0.0	0.0	0.1307	0.1858	0.2674	0.4036	0.0	0.7614	1.0425	1.4126	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 9875 2	YUCAIPA WATER CO.	132	2740	36	01S	02W	S	34.033	117.040	SAN BERNARDINO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1943	*****	*****	0.33	0.50	0.73	0.90	*****	1.63	3.03	5.03	23.44
1944	*****	*****	0.15	0.25	0.36	0.50	*****	0.93	1.55	2.14	19.56
1945	*****	*****	0.45	0.60	0.72	0.97	*****	1.93	2.59	3.33	19.58
1946	*****	*****	0.48	0.53	0.53	0.69	*****	1.25	1.47	2.70	12.43
1947	*****	*****	0.30	0.30	0.40	0.50	*****	0.95	1.32	1.82	14.17
1948	*****	*****	0.15	0.22	0.30	0.55	*****	0.74	1.25	1.75	9.77
1949	*****	*****	0.10	0.16	0.24	0.40	*****	0.60	0.90	0.90	14.65
1950	*****	*****	0.25	0.35	0.45	0.80	*****	1.05	1.70	1.75	12.25
1953	*****	*****	0.14	0.25	0.32	0.64	*****	0.93	1.20	1.58	16.55
1954	*****	*****	0.20	0.30	0.45	0.83	*****	1.19	2.29	3.75	18.12
1955	*****	*****	0.18	0.31	0.45	0.76	*****	0.85	1.50	1.91	13.75
1956	*****	*****	0.20	0.20	0.30	0.49	*****	1.01	2.01	3.58	11.68
1957	*****	*****	0.25	0.35	0.37	0.54	*****	0.80	1.32	1.71	14.70
1958	*****	*****	0.48	0.97	1.04	1.42	*****	1.44	2.00	2.48	27.68
1959	*****	*****	0.19	0.37	0.54	0.59	*****	1.03	1.03	1.30	11.85
1960	*****	*****	0.12	0.20	0.27	0.49	*****	0.76	0.79	1.34	15.69
1961	*****	*****	0.17	0.35	0.43	0.60	*****	0.79	0.94	1.48	6.62
1962	*****	*****	0.17	0.32	0.52	0.87	*****	1.69	2.26	2.40	19.05
1963	*****	*****	0.25	0.35	0.45	0.60	*****	1.45	2.27	3.00	14.73
1964	*****	*****	0.14	0.15	0.30	0.45	*****	0.87	1.07	1.50	13.54
1965	*****	*****	0.25	0.35	0.35	0.55	*****	1.05	1.15	1.65	14.97
1966	*****	*****	0.40	0.50	0.75	0.95	*****	1.15	1.30	1.95	19.14
1967	*****	*****	0.34	0.40	0.43	0.70	*****	1.55	2.60	4.61	24.60
1968	*****	*****	0.35	0.62	0.75	1.15	*****	1.63	1.85	3.60	16.15
1969	*****	*****	0.23	0.30	0.49	0.87	*****	1.90	3.20	4.80	34.65
1970	*****	*****	0.23	0.34	0.42	0.69	*****	1.36	1.67	2.73	9.98
1971	*****	*****	0.23	0.24	0.40	0.65	*****	1.85	2.15	2.50	13.69
1972	*****	*****	0.15	0.20	0.30	0.48	*****	0.87	1.52	1.95	7.70

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Y01 9875 2	YUCAIPA WATER CO.	132	2740	36	01S	02W	S	34.033	117.040	SAN BERNARDINO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.22	0.32	0.41	0.62	0.0	1.06	1.52	2.20	15.10
5	0.0	0.0	0.33	0.48	0.63	0.94	0.0	1.60	2.31	3.33	21.25
10	0.0	0.0	0.41	0.59	0.77	1.16	0.0	1.97	2.84	4.11	25.06
20	0.0	0.0	0.48	0.70	0.91	1.37	0.0	2.32	3.35	4.84	28.54
25	0.0	0.0	0.50	0.73	0.96	1.44	0.0	2.44	3.51	5.07	29.61
40	0.0	0.0	0.55	0.80	1.05	1.57	0.0	2.67	3.84	5.55	31.81
50	0.0	0.0	0.57	0.83	1.09	1.64	0.0	2.77	4.00	5.78	32.82
100	0.0	0.0	0.64	0.93	1.22	1.83	0.0	3.11	4.48	6.47	35.90
200	0.0	0.0	0.71	1.03	1.35	2.02	0.0	3.43	4.95	7.15	38.87
1000	0.0	0.0	0.86	1.25	1.64	2.46	0.0	4.18	6.02	8.70	45.48
10000	0.0	0.0	1.08	1.57	2.05	3.07	0.0	5.22	7.52	10.86	54.46
PMP	0.0	0.0	2.07	3.00	3.92	5.89	0.0	9.99	14.40	20.80	116.54
MEAN	0.0	0.0	0.246	0.356	0.466	0.700	0.0	1.187	1.712	2.473	16.096
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.918	1.870	1.453	1.290	0.0	0.539	0.687	0.949	1.242
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900
SKEW USED	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.508 ; INTERCEPT (TIME=1 HOUR) =0.488 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.03030 ; AVERAGE CALC CV / USED CV = 0.84

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	3.230	7.995	5.468	5.191	0.0	2.370	3.002	3.317	5.468
N	0	0	28	28	28	28	0	28	28	28	28
RECORD YEAR	0	0	1946	1958	1958	1958	0	1945	1969	1943	1969
RECORD MAXIMUM	0.0	0.0	0.480	0.970	1.040	1.420	0.0	1.930	3.200	5.030	34.650
NORMALIZED MAX	0.0	0.0	2.166	3.561	3.129	3.079	0.0	1.911	2.305	2.301	3.074
CALC. COEF. VAR	0.0	0.0	0.440	0.483	0.393	0.334	0.0	0.327	0.377	0.449	0.375
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0153	0.0221	0.0290	0.0435	0.0	0.0738	0.1063	0.1536	1.0000
RP10/A	0.0	0.0	0.0253	0.0368	0.0481	0.0722	0.0	0.1225	0.1766	0.2551	1.5570
RP25/A	0.0	0.0	0.0313	0.0454	0.0594	0.0892	0.0	0.1513	0.2181	0.3151	1.8397
RP50/A	0.0	0.0	0.0357	0.0517	0.0677	0.1016	0.0	0.1724	0.2485	0.3590	2.0392
RP100/A	0.0	0.0	0.0399	0.0579	0.0758	0.1138	0.0	0.1930	0.2782	0.4019	2.2303
RP1000/A	0.0	0.0	0.0537	0.0779	0.1019	0.1529	0.0	0.2595	0.3740	0.5403	2.8254
RP10000/A	0.0	0.0	0.0670	0.0973	0.1273	0.1910	0.0	0.3240	0.4671	0.6748	3.3833
PMP/A	0.0	0.0	0.1284	0.1862	0.2437	0.3657	0.0	0.6205	0.8944	1.2920	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. 8SN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
X22 985 50	PORREGO CO RD STA	500	15	11S	06E	G	S	33.211	116.330	SAN DIEGO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1964	*****	*****	*****	0.77	0.79	1.12	1.12	1.19	1.98	2.12	2.74
1965	*****	*****	*****	0.11	0.19	0.32	0.42	0.73	0.84	0.87	1.54
1966	*****	*****	*****	0.46	0.68	0.69	0.69	0.50	0.75	1.11	4.71
1967	*****	*****	*****	0.40	0.51	0.69	0.73	0.79	0.79	0.79	1.96
1968	*****	*****	0.08	0.09	0.17	0.22	0.24	0.25	0.32	0.32	2.18
1969	*****	*****	0.27	0.31	0.33	0.33	0.33	0.39	0.45	0.47	2.01
1970	*****	*****	0.14	0.18	0.19	0.20	0.29	0.29	0.31	0.31	1.88
1971	*****	*****	0.04	0.06	0.08	0.15	0.19	0.19	0.21	0.23	0.85
1972	*****	*****	0.09	0.11	0.19	0.20	0.22	0.22	0.23	0.23	0.93
1973	*****	*****	0.08	0.13	0.18	0.25	0.29	0.31	0.31	0.31	0.92
1974	*****	*****	0.08	0.15	0.25	0.44	0.70	0.89	1.24	1.42	2.46
1975	*****	*****	0.43	0.58	1.02	1.39	1.40	1.41	1.47	1.42	3.37

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 8SN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
X22 985 50	PORREGO CO RD STA	500	15	11S	06E	G	S	33.211	116.330	SAN DIEGO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.12	0.22	0.29	0.39	0.43	0.48	0.59	0.64	1.92
5	0.0	0.0	0.21	0.38	0.51	0.67	0.74	0.83	1.03	1.11	3.01
10	0.0	0.0	0.28	0.50	0.67	0.89	0.98	1.10	1.35	1.47	3.71
20	0.0	0.0	0.35	0.63	0.83	1.10	1.22	1.36	1.68	1.83	4.37
25	0.0	0.0	0.37	0.67	0.88	1.17	1.30	1.45	1.79	1.94	4.57
40	0.0	0.0	0.41	0.75	1.00	1.32	1.46	1.63	2.01	2.18	4.67
50	0.0	0.0	0.43	0.79	1.05	1.39	1.54	1.71	2.12	2.30	5.18
100	0.0	0.0	0.50	0.91	1.21	1.60	1.77	1.98	2.44	2.65	5.78
200	0.0	0.0	0.57	1.03	1.37	1.82	2.01	2.24	2.77	3.01	6.35
1000	0.0	0.0	0.72	1.32	1.75	2.32	2.56	2.86	3.53	3.83	7.65
10000	0.0	0.0	0.95	1.72	2.29	3.03	3.36	3.74	4.62	5.02	9.44
PMP	0.0	0.0	1.61	2.92	3.88	5.14	5.69	6.34	7.84	8.50	19.85
MEAN	0.0	0.0	0.151	0.275	0.365	0.483	0.535	0.597	0.737	0.800	2.129
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.682	0.987	1.426	1.575	1.370	0.910	1.147	0.992	1.067
REGIONAL SKEW	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100
SKEW USED	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.508 ; INTERCEPT (TIME=1 HOUR) =0.340 ; COEFFICIENT OF DETERMINATION = 0.958
1HR INTERCEPT / MEAN YR =0.15954 ; AVERAGE CALC CV / USED CV = 1.24

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	6.367	3.533	4.946	5.227	4.720	3.491	4.347	3.943	5.073
N	0	0	8	12	12	12	12	12	12	12	12
RECORD YEAR	0	0	1975	1964	1975	1975	1975	1975	1964	1964	1966
RECORD MAXIMUM	0.0	0.0	0.430	0.720	1.020	1.390	1.400	1.410	1.980	2.120	4.710
NORMILIZED MAX	0.0	0.0	2.100	2.041	2.285	2.294	2.241	2.005	2.224	2.167	2.315
CALC. COEF. VAR	0.0	0.0	0.877	0.793	0.785	0.818	0.721	0.680	0.758	0.761	0.524
REGN. COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
USED COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
MEAN/A	0.0	0.0	0.0710	0.1292	0.1714	0.2270	0.2513	0.2802	0.3464	0.3757	1.0000
RP10/A	0.0	0.0	0.1304	0.2372	0.3148	0.4168	0.4614	0.5146	0.6360	0.6899	1.7442
RP25/A	0.0	0.0	0.1722	0.3131	0.4156	0.5504	0.6092	0.6794	0.8398	0.9110	2.1465
RP50/A	0.0	0.0	0.2038	0.3706	0.4919	0.6514	0.7210	0.8041	0.9939	1.0782	2.4346
RP100/A	0.0	0.0	0.2355	0.4281	0.5682	0.7524	0.8328	0.9288	1.1481	1.2454	2.7131
RP1000/A	0.0	0.0	0.3405	0.6190	0.8216	1.0880	1.2043	1.3431	1.6601	1.8008	3.5938
RP10000/A	0.0	0.0	0.4455	0.8100	1.0750	1.4236	1.5757	1.7574	2.1722	2.3562	4.4326
PMP/A	0.0	0.0	0.7551	1.3730	1.8223	2.4131	2.6710	2.9789	3.6820	3.9941	9.3250

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
X22 2139 0	CRAWFORD RANCH	1500	04	15S	07E	M	5	32.892	116.275	SAN DIEGO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1948	*****	*****	*****	*****	0.31	0.36	0.41	0.70	0.92	1.57	3.59
1949	0.03	0.04	0.04	0.07	0.10	0.16	0.22	0.43	0.58	0.96	5.07
1950	0.10	0.14	0.15	0.20	0.21	0.23	0.24	0.25	0.25	0.25	1.17
1951	0.28	0.44	0.66	1.07	2.11	2.46	2.49	2.50	2.65	2.65	6.54
1952	0.25	0.33	0.34	0.34	0.43	0.56	0.90	1.44	1.44	1.85	7.11
1953	0.07	0.12	0.15	0.20	0.23	0.24	0.27	0.45	0.45	0.45	0.94
1954	0.14	0.25	0.31	0.37	0.64	0.71	0.80	0.80	0.80	0.80	3.45
1955	0.15	0.16	0.16	0.16	0.17	0.31	0.32	0.33	0.33	0.33	3.34
1956	0.14	0.15	0.15	0.16	0.17	0.20	0.20	0.30	0.35	0.35	0.64
1957	0.05	0.06	0.08	0.14	0.20	0.27	0.39	0.65	0.88	0.95	4.50
1958	0.04	0.06	0.08	0.16	0.18	0.25	0.31	0.49	0.68	0.72	3.13
1959	0.21	0.30	0.40	0.63	0.85	0.87	0.87	0.87	0.87	0.87	3.18
1960	0.36	0.53	0.80	0.94	1.00	1.06	1.06	1.06	1.06	1.06	2.93
1961	0.30	0.55	0.83	1.45	2.30	2.53	2.56	2.66	2.66	2.66	5.52
1962	0.05	0.08	0.10	0.14	0.18	0.25	0.31	0.56	0.97	1.15	3.62
1963	0.26	0.42	0.55	0.87	0.93	1.23	1.24	1.25	1.38	1.40	5.66
1964	0.09	0.11	0.13	0.15	0.17	0.21	0.26	0.37	0.40	0.40	1.71
1965	0.15	0.24	0.29	0.41	0.44	0.45	0.45	0.45	0.45	0.45	5.94
1966	0.20	0.30	0.30	0.30	0.30	0.35	0.46	0.62	0.68	0.72	2.56
1967	0.15	0.28	0.38	0.49	0.66	0.70	0.85	1.39	1.57	1.64	6.66
1968	0.24	0.29	0.31	0.33	0.40	0.45	0.48	0.58	0.67	0.89	2.65
1969	0.12	0.17	0.21	0.24	0.35	0.53	0.67	1.17	1.57	1.94	5.68
1970	0.23	0.34	0.41	0.52	0.54	0.55	0.57	0.60	0.70	1.21	6.98
1971	0.02	0.03	0.04	0.08	0.10	0.10	0.11	0.11	0.11	0.11	0.67
1972	0.11	0.17	0.18	0.18	0.19	0.22	0.28	0.35	0.52	0.53	1.58
1973	*****	*****	*****	*****	0.19	0.37	0.40	0.46	0.50	0.50	2.05
1974	*****	*****	*****	*****	0.98	1.00	1.00	1.23	1.63	1.73	4.94

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
X22 2139 0	CRAWFORD RANCH	1500	04	15S	07E	M	5	32.892	116.275	SAN DIEGO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.19	0.24	0.32	0.43	0.49	0.54	0.66	0.75	0.84	3.39
5	0.22	0.32	0.41	0.56	0.74	0.86	0.93	1.14	1.29	1.45	5.33
10	0.29	0.43	0.54	0.73	0.97	1.13	1.23	1.50	1.70	1.91	6.58
20	0.36	0.53	0.67	0.91	1.21	1.40	1.53	1.86	2.12	2.38	7.73
25	0.38	0.56	0.71	0.97	1.29	1.49	1.63	1.98	2.25	2.53	8.09
40	0.42	0.63	0.80	1.09	1.45	1.68	1.83	2.23	2.53	2.84	8.27
50	0.45	0.66	0.84	1.15	1.52	1.77	1.93	2.35	2.66	2.99	9.18
100	0.52	0.77	0.97	1.33	1.76	2.04	2.22	2.71	3.08	3.45	10.23
200	0.59	0.87	1.10	1.50	2.00	2.31	2.52	3.07	3.49	3.92	11.25
1000	0.75	1.11	1.41	1.92	2.54	2.95	3.22	3.92	4.45	5.00	13.55
10000	0.98	1.45	1.84	2.51	3.33	3.86	4.21	5.13	5.82	6.54	16.71
PMP	1.66	2.46	3.12	4.25	5.64	6.54	7.13	8.69	9.87	11.08	35.16
MEAN	0.156	0.232	0.294	0.400	0.531	0.616	0.671	0.817	0.929	1.042	3.770
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.396	0.606	1.152	1.637	2.213	2.293	2.204	1.771	1.424	0.919	0.098
REGIONAL SKEW	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100
SKEW USED	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.595 ; INTERCEPT (TIME=1 HOUR) =0.480 ; COEFFICIENT OF DETERMINATION = 0.986
1HR INTERCEPT / MEAN YR =0.12739 ; AVERAGE CALC CV / USED CV = 1.31

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	2.624	2.904	3.975	5.495	7.977	8.272	8.033	6.318	5.073	3.537	2.148
N	24	24	24	24	27	27	27	27	27	27	27
RECORD YEAR	1960	1961	1961	1961	1961	1961	1961	1961	1961	1961	1952
RECORD MAXIMUM	0.360	0.550	0.830	1.450	2.300	2.530	2.560	2.660	2.660	2.660	7.110
NORMALIZED MAX	2.168	2.116	2.385	2.960	3.180	3.107	3.084	2.951	2.655	2.340	1.669
CALC. COEF. VAR	0.604	0.649	0.765	0.887	1.048	1.001	0.913	0.764	0.702	0.663	0.537
REGN. COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
USED COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
MEAN/A	0.0413	0.0615	0.0779	0.1061	0.1408	0.1633	0.1780	0.2168	0.2463	0.2765	1.0000
RP10/A	0.0759	0.1128	0.1431	0.1948	0.2585	0.2998	0.3269	0.3981	0.4523	0.5076	1.7442
RP25/A	0.1002	0.1490	0.1889	0.2572	0.3413	0.3959	0.4316	0.5257	0.5971	0.6703	2.1465
RP50/A	0.1186	0.1763	0.2236	0.3045	0.4040	0.4685	0.5108	0.6222	0.7067	0.7933	2.4346
RP100/A	0.1370	0.2037	0.2583	0.3517	0.4666	0.5412	0.5900	0.7186	0.8163	0.9163	2.7131
RP1000/A	0.1981	0.2945	0.3734	0.5085	0.6747	0.7826	0.8532	1.0392	1.1804	1.3250	3.5938
RP10000/A	0.2592	0.3854	0.4886	0.6654	0.8828	1.0239	1.1163	1.3597	1.5445	1.7336	4.4326
PMP/A	0.4394	0.6532	0.8283	1.1279	1.4965	1.7356	1.8923	2.3048	2.6181	2.9387	9.3250

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
X22 5965 50	MOUNT LAGUNA USAF	5960	12	15S	05E	G	S	32.881	116.419	SAN DIEGO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1964	*****	*****	*****	0.37	0.43	0.54	0.67	1.02	1.45	1.73	12.01
1965	*****	*****	*****	0.30	0.42	0.81	1.08	1.64	1.94	2.49	21.28
1966	*****	*****	*****	0.38	0.61	0.74	1.06	1.88	3.21	5.50	28.57
1967	*****	*****	*****	0.54	0.56	0.64	0.94	1.63	2.68	4.59	23.81
1968	*****	*****	*****	0.23	0.42	0.74	1.10	1.86	2.52	3.38	25.63
1969	*****	*****	*****	0.30	0.45	0.86	0.95	1.40	2.42	2.93	33.91

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
X22 5965 50	MOUNT LAGUNA USAF	5960	12	15S	05E	G	S	32.881	116.419	SAN DIEGO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.0	0.30	0.39	0.58	0.78	1.26	1.90	2.71	21.79
5	0.0	0.0	0.0	0.51	0.67	1.00	1.34	2.19	3.30	4.69	34.21
10	0.0	0.0	0.0	0.68	0.88	1.33	1.78	2.89	4.35	6.19	42.21
20	0.0	0.0	0.0	0.84	1.10	1.65	2.21	3.59	5.41	7.69	49.64
25	0.0	0.0	0.0	0.89	1.17	1.75	2.34	3.81	5.75	8.17	51.95
40	0.0	0.0	0.0	1.00	1.31	1.97	2.64	4.28	6.46	9.19	53.08
50	0.0	0.0	0.0	1.06	1.38	2.07	2.77	4.51	6.80	9.67	58.92
100	0.0	0.0	0.0	1.22	1.60	2.39	3.20	5.21	7.86	11.17	65.66
200	0.0	0.0	0.0	1.38	1.81	2.71	3.63	5.91	8.91	12.67	72.22
1000	0.0	0.0	0.0	1.77	2.31	3.46	4.63	7.53	11.36	16.15	86.97
10000	0.0	0.0	0.0	2.31	3.02	4.53	6.06	9.86	14.86	21.13	107.28
PMP	0.0	0.0	0.0	3.92	5.12	7.67	10.28	16.71	25.19	35.82	225.68
MEAN	0.0	0.0	0.0	0.368	0.482	0.722	0.967	1.572	2.370	3.370	24.202
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.564	1.052	-0.613	-1.568	-1.065	-0.308	0.597	-0.623
REGIONAL SKEW	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100
SKEW USED	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.463 ; INTERCEPT (TIME=1 HOUR) =0.512 ; COEFFICIENT OF DETERMINATION = 0.979
1HR INTERCEPT / MEAN YR =0.02114 ; AVERAGE CALC CV / USED CV = 0.30

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	0.0	6.492	4.520	5.172	7.563	6.071	5.467	4.493	6.337
N	0	0	0	6	6	6	6	6	6	6	6
RECORD YEAR	0	0	0	1967	1966	1969	1968	1966	1966	1966	1969
RECORD MAXIMUM	0.0	0.0	0.0	0.540	0.610	0.860	1.100	1.880	3.210	5.500	33.910
NORMILIZED MAX	0.0	0.0	0.0	1.654	1.559	1.192	0.832	0.956	1.378	1.492	1.315
CALC. COEF. VAR	0.0	0.0	0.0	0.282	0.171	0.161	0.166	0.205	0.257	0.424	0.305
REGN. COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
USED COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
MEAN/A	0.0	0.0	0.0	0.0152	0.0199	0.0298	0.0399	0.0649	0.0979	0.1392	1.0000
RP10/A	0.0	0.0	0.0	0.0279	0.0365	0.0548	0.0733	0.1192	0.1798	0.2557	1.7442
RP25/A	0.0	0.0	0.0	0.0369	0.0483	0.0723	0.0968	0.1574	0.2374	0.3376	2.1465
RP50/A	0.0	0.0	0.0	0.0437	0.0571	0.0856	0.1146	0.1863	0.2810	0.3996	2.4346
RP100/A	0.0	0.0	0.0	0.0504	0.0660	0.0988	0.1324	0.2152	0.3246	0.4615	2.7131
RP1000/A	0.0	0.0	0.0	0.0729	0.0954	0.1429	0.1914	0.3112	0.4693	0.6674	3.5938
RP10000/A	0.0	0.0	0.0	0.0954	0.1248	0.1870	0.2505	0.4072	0.6141	0.8732	4.4326
PMP/A	0.0	0.0	0.0	0.1618	0.2116	0.3170	0.4246	0.6903	1.0410	1.4802	9.3250

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
201 1557 75	CASE SPRINGS USMC	2365	29	08S	05W	0	S	33.444	117.415	SAN DIEGO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1967	*****	*****	*****	0.35	0.68	0.80	1.08	2.05	3.50	4.05	21.87
1968	*****	*****	*****	0.45	0.85	1.45	1.60	1.75	2.35	2.70	16.51
1969	*****	*****	*****	1.65	1.70	1.90	2.05	2.30	4.00	6.90	43.49
1970	*****	*****	*****	0.60	0.75	0.80	1.40	1.88	2.35	3.10	14.58
1971	*****	*****	*****	0.35	0.50	0.70	1.00	1.25	1.25	1.25	14.51
1972	*****	*****	*****	0.30	0.40	0.75	0.88	0.98	1.28	1.65	12.48
1973	*****	*****	*****	0.35	0.58	1.10	1.35	1.68	1.85	2.70	25.76
1974	*****	*****	*****	0.45	0.55	0.95	1.25	1.90	2.43	2.48	17.59
1975	*****	*****	*****	0.20	0.35	0.70	0.78	1.05	1.33	1.75	21.02

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
201 1557 75	CASE SPRINGS USMC	2365	29	08S	05W	0	S	33.444	117.415	SAN DIEGO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.0	0.46	0.62	0.89	1.11	1.44	1.98	2.58	18.99
5	0.0	0.0	0.0	0.70	0.94	1.35	1.69	2.20	3.01	3.93	28.66
10	0.0	0.0	0.0	0.86	1.17	1.68	2.09	2.73	3.74	4.88	34.89
20	0.0	0.0	0.0	1.03	1.39	2.00	2.49	3.24	4.44	5.80	40.67
25	0.0	0.0	0.0	1.08	1.46	2.10	2.61	3.40	4.66	6.10	42.46
40	0.0	0.0	0.0	1.19	1.60	2.31	2.87	3.74	5.13	6.71	43.36
50	0.0	0.0	0.0	1.24	1.67	2.41	3.00	3.90	5.35	6.99	47.89
100	0.0	0.0	0.0	1.39	1.88	2.71	3.38	4.40	6.03	7.88	53.14
200	0.0	0.0	0.0	1.55	2.09	3.01	3.75	4.89	6.70	8.75	58.25
1000	0.0	0.0	0.0	1.90	2.57	3.70	4.61	6.01	8.23	10.76	69.73
10000	0.0	0.0	0.0	2.40	3.25	4.68	5.82	7.59	10.40	13.59	85.53
PMP	0.0	0.0	0.0	4.38	5.92	8.52	10.61	13.82	18.94	24.75	177.69
MEAN	0.0	0.0	0.0	0.522	0.707	1.017	1.266	1.649	2.260	2.953	20.868
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	2.639	2.158	1.558	0.857	-0.348	0.749	1.749	1.986
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.504 ; INTERCEPT (TIME=1 HOUR) =0.724 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.03472 ; AVERAGE CALC CV / USED CV = 1.08

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	0.0	10.759	8.946	5.746	4.755	3.106	3.788	7.381	8.141
N	0	0	0	9	9	9	9	9	9	9	9
RECORD YEAR	0	0	0	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	0.0	0.0	0.0	1.650	1.700	1.900	2.050	2.300	4.000	6.900	43.490
NORMILIZED MAX	0.0	0.0	0.0	2.578	2.451	2.154	1.991	1.422	1.782	2.318	2.390
CALC. COEF. VAR	0.0	0.0	0.0	0.838	0.574	0.403	0.311	0.278	0.432	0.577	0.454
REGN. COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
USED COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
MEAN/A	0.0	0.0	0.0	0.0250	0.0339	0.0487	0.0606	0.0790	0.1083	0.1415	1.0000
RP10/A	0.0	0.0	0.0	0.0414	0.0560	0.0806	0.1003	0.1307	0.1791	0.2341	1.6718
RP25/A	0.0	0.0	0.0	0.0517	0.0699	0.1006	0.1252	0.1631	0.2236	0.2921	2.0349
RP50/A	0.0	0.0	0.0	0.0592	0.0802	0.1153	0.1436	0.1871	0.2564	0.3351	2.2950
RP100/A	0.0	0.0	0.0	0.0667	0.0903	0.1299	0.1617	0.2107	0.2888	0.3774	2.5464
RP1000/A	0.0	0.0	0.0	0.0912	0.1233	0.1775	0.2209	0.2878	0.3945	0.5155	3.3414
RP10000/A	0.0	0.0	0.0	0.1151	0.1558	0.2241	0.2790	0.3635	0.4982	0.6511	4.0986
PMP/A	0.0	0.0	0.0	0.2097	0.2838	0.4083	0.5082	0.6622	0.9076	1.1860	8.5150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Z02 6657 0	PALOMAR MTN OBS	5560	27	09S	01E		S	33.350	116.850	SAN DIEGO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.77	1.44	1.93	3.58	5.39	6.21	30.59
1941	*****	*****	*****	*****	0.58	0.97	1.27	2.00	3.04	3.21	36.70
1942	*****	*****	*****	*****	0.32	0.49	0.72	1.29	2.14	2.55	10.91
1943	*****	*****	*****	*****	0.54	0.88	1.28	2.41	3.95	7.30	36.82
1944	*****	*****	*****	*****	0.49	0.84	1.16	1.87	3.23	4.01	25.30
1945	*****	*****	*****	*****	0.62	1.18	1.56	2.89	4.79	7.54	29.68
1946	*****	*****	*****	*****	0.83	0.91	0.94	1.25	2.36	3.62	29.65
1947	*****	*****	*****	*****	1.29	1.35	1.36	1.54	1.88	3.10	14.17
1948	*****	*****	*****	*****	0.76	1.29	1.78	3.49	5.24	6.17	17.81
1949	*****	*****	*****	*****	0.71	1.48	1.53	2.08	2.87	3.62	25.19
1950	*****	*****	*****	*****	0.54	0.69	0.81	1.32	1.51	1.68	12.00
1951	*****	*****	*****	*****	0.72	1.20	1.34	1.96	3.00	5.35	32.39
1952	*****	*****	*****	*****	0.36	0.59	0.69	1.40	*****	5.02	43.30
1953	*****	*****	*****	*****	0.15	*****	*****	0.82	*****	3.22	13.11
1954	*****	*****	*****	*****	0.39	0.49	0.66	1.11	*****	3.61	33.19
1955	*****	*****	*****	*****	0.41	0.62	0.79	1.26	1.44	1.77	15.03
1956	*****	*****	*****	*****	0.54	0.73	1.07	1.97	3.57	5.04	12.58
1957	*****	*****	*****	*****	0.50	0.90	1.10	2.17	3.07	3.28	27.28
1958	*****	*****	*****	*****	0.45	0.89	1.26	2.28	3.31	4.64	34.72
1959	*****	*****	*****	*****	0.91	0.96	0.96	1.39	2.12	3.73	18.44
1960	*****	*****	*****	*****	0.63	0.86	1.19	1.90	2.33	2.39	18.80
1961	*****	*****	*****	*****	0.37	0.61	1.74	1.20	1.58	1.85	12.18
1962	*****	*****	*****	*****	0.63	0.81	1.20	2.00	2.61	2.98	14.88
1963	*****	*****	*****	*****	0.30	0.59	0.80	1.27	1.93	3.44	20.36
1964	*****	*****	*****	*****	0.36	0.65	0.89	1.48	1.96	2.46	19.47
1965	*****	*****	*****	*****	0.52	0.90	1.26	2.08	2.72	3.15	48.47
1966	*****	*****	*****	*****	1.05	1.92	2.48	3.78	6.02	8.51	28.89
1967	*****	*****	*****	*****	0.50	0.77	1.05	1.78	2.38	2.43	33.49
1968	*****	*****	*****	*****	0.55	1.05	1.41	2.41	3.17	3.56	13.40
1969	*****	*****	*****	*****	0.80	1.50	2.10	3.49	4.83	7.00	45.06
1970	*****	*****	*****	*****	0.59	1.17	1.67	2.88	4.17	4.26	30.42
1971	*****	*****	*****	*****	0.38	0.71	1.02	1.76	2.78	4.22	19.52
1972	*****	*****	*****	*****	0.67	1.27	1.79	2.53	3.26	3.28	17.28
1973	*****	*****	*****	*****	0.60	1.00	1.40	1.90	3.00	4.00	24.60
1974	*****	*****	*****	*****	0.40	0.70	0.90	1.50	2.60	3.80	28.50

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Z02 6657 0	PALOMAR MTN OBS	5560	27	09S	01E		S	33.350	116.850	SAN DIEGO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.57	0.89	1.13	1.78	2.71	3.55	23.11
5	0.0	0.0	0.0	0.0	0.87	1.36	1.72	2.72	4.14	5.41	32.72
10	0.0	0.0	0.0	0.0	1.08	1.69	2.13	3.38	5.14	6.72	38.91
20	0.0	0.0	0.0	0.0	1.28	2.01	2.54	4.02	6.11	7.99	44.65
25	0.0	0.0	0.0	0.0	1.36	2.11	2.66	4.22	6.41	8.39	46.44
40	0.0	0.0	0.0	0.0	1.48	2.32	2.93	4.64	7.06	9.23	47.31
50	0.0	0.0	0.0	0.0	1.55	2.42	3.06	4.84	7.36	9.63	51.83
100	0.0	0.0	0.0	0.0	1.74	2.73	3.44	5.46	8.29	10.85	57.05
200	0.0	0.0	0.0	0.0	1.94	3.03	3.83	6.06	9.21	12.05	62.12
1000	0.0	0.0	0.0	0.0	2.38	3.73	4.70	7.46	11.33	14.82	73.53
10000	0.0	0.0	0.0	0.0	3.01	4.71	5.94	9.42	14.31	18.72	89.24
PMP	0.0	0.0	0.0	0.0	5.49	8.58	10.83	17.17	26.08	34.12	180.83
MEAN	0.0	0.0	0.0	0.0	0.652	1.020	1.287	2.041	3.101	4.057	24.976
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	1.078	0.902	0.951	0.883	0.903	1.005	0.481
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.378 ; INTERCEPT (TIME=1 HOUR) =0.655 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.02623 ; AVERAGE CALC CV / USED CV = 0.74

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	5.126	3.864	4.043	3.360	3.500	3.706	2.650
N	0	0	0	0	35	34	34	35	32	35	35
RECORD YEAR	0	0	0	0	1947	1966	1966	1966	1966	1966	1965
RECORD MAXIMUM	0.0	0.0	0.0	0.0	1.290	1.920	2.480	3.780	6.020	8.510	48.470
NORMILIZED MAX	0.0	0.0	0.0	0.0	2.473	2.533	2.672	2.254	2.470	2.635	2.300
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.395	0.348	0.347	0.378	0.381	0.417	0.409
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0	0.0	0.0261	0.0408	0.0515	0.0817	0.1242	0.1624	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0433	0.0676	0.0854	0.1354	0.2057	0.2691	1.5578
RP25/A	0.0	0.0	0.0	0.0	0.0540	0.0845	0.1066	0.1690	0.2568	0.3360	1.8593
RP50/A	0.0	0.0	0.0	0.0	0.0620	0.0969	0.1223	0.1939	0.2946	0.3855	2.0753
RP100/A	0.0	0.0	0.0	0.0	0.0698	0.1092	0.1378	0.2185	0.3320	0.4343	2.2840
RP1000/A	0.0	0.0	0.0	0.0	0.0954	0.1492	0.1883	0.2986	0.4536	0.5934	2.9441
RP10000/A	0.0	0.0	0.0	0.0	0.1206	0.1885	0.2379	0.3772	0.5730	0.7497	3.5729
PMP/A	0.0	0.0	0.0	0.0	0.2197	0.3434	0.4335	0.6873	1.0442	1.3661	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
Z03 295F 0	FALLBROOK	542	31	09S	03W	M	S	33.350	117.250	SAN DIEGO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.20	0.23	0.40	0.65	0.85	1.14	1.36	2.09	2.74	3.45	22.27
1941	*****	*****	*****	*****	0.68	0.82	0.97	1.31	1.68	1.78	32.44
1942	*****	*****	*****	*****	0.25	0.50	0.64	0.88	1.17	1.41	7.28
1943	*****	*****	*****	*****	0.71	1.10	1.45	1.90	2.36	3.86	21.67
1944	*****	*****	*****	*****	0.60	0.95	1.10	1.42	1.71	2.03	13.67
1945	*****	*****	*****	*****	0.57	0.96	1.13	1.51	2.03	3.77	14.73
1946	*****	*****	*****	*****	0.50	0.76	0.88	1.22	1.43	1.61	12.55
1947	*****	*****	*****	*****	0.43	0.65	0.80	0.82	0.82	1.64	5.22
1948	*****	*****	*****	*****	0.48	0.90	1.11	1.69	1.98	2.10	8.94
1949	0.14	0.20	0.26	0.30	0.48	0.65	0.73	0.83	1.10	1.33	10.64
1950	0.15	0.20	0.25	0.32	0.52	0.62	0.74	0.98	1.01	1.31	7.70
1951	0.23	0.50	0.52	0.54	0.71	0.87	0.99	1.11	1.96	2.81	17.11
1952	0.20	0.38	0.46	0.50	0.58	0.72	0.88	1.30	2.04	2.07	21.21
1953	0.13	0.20	0.23	0.28	0.36	0.42	0.48	0.57	0.66	1.30	5.85
1954	0.20	0.21	0.22	0.24	0.47	0.70	0.97	1.47	2.00	2.32	15.16
1955	0.14	0.22	0.30	0.40	0.78	1.12	1.22	1.51	1.60	1.67	10.47
1956	0.10	0.12	0.15	0.21	0.37	0.65	0.80	1.10	2.10	3.15	9.60
1957	0.15	0.20	0.24	0.41	0.80	0.78	1.05	1.54	1.58	1.74	17.15
1958	0.22	0.27	0.31	0.35	0.43	0.64	0.81	1.10	1.69	2.37	19.77
1959	0.24	0.33	0.45	0.65	0.84	1.08	1.22	1.36	1.39	1.63	8.65
1960	0.18	0.21	0.24	0.40	0.53	0.82	1.05	1.43	1.58	1.58	12.41
1961	0.33	0.38	0.41	0.43	0.48	0.78	0.84	1.00	1.53	1.84	7.23
1962	0.09	0.15	0.20	0.30	0.44	0.72	1.03	1.84	2.50	2.52	11.78
1963	0.28	0.50	0.70	0.87	0.97	1.06	1.25	1.95	2.68	2.99	13.60
1964	0.24	0.31	0.36	0.44	0.62	0.91	0.99	1.12	1.19	1.92	10.23
1968	*****	*****	*****	*****	0.40	0.70	1.10	1.60	2.30	2.60	7.70
1969	*****	*****	*****	*****	0.60	1.20	1.60	2.00	2.80	3.90	26.70
1970	*****	*****	*****	*****	0.50	0.80	1.10	1.70	1.90	2.60	14.80
1971	*****	*****	*****	*****	0.30	0.50	0.70	1.10	1.80	2.30	13.50
1972	*****	*****	*****	*****	0.60	0.80	0.90	1.30	1.50	1.50	7.60
1973	*****	*****	*****	*****	0.70	0.90	1.00	1.30	1.40	1.50	15.30
1974	*****	*****	0.20	0.30	0.40	0.70	1.00	1.20	1.70	2.40	14.70

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
Z03 295B 0	FALLBROOK	542	31	09S	03W	M	S	33.350	117.250	SAN DIEGO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.17	0.24	0.29	0.37	0.49	0.71	0.87	1.18	1.53	1.94	12.65
5	0.26	0.36	0.44	0.56	0.75	1.08	1.33	1.80	2.33	2.96	17.91
10	0.32	0.45	0.54	0.70	0.93	1.34	1.65	2.24	2.90	3.68	21.30
20	0.38	0.53	0.65	0.83	1.10	1.60	1.96	2.66	3.44	4.37	24.45
25	0.40	0.56	0.68	0.88	1.16	1.68	2.06	2.80	3.62	4.59	25.42
40	0.44	0.62	0.75	0.96	1.28	1.84	2.27	3.08	3.98	5.05	25.90
50	0.46	0.64	0.78	1.00	1.33	1.92	2.36	3.21	4.15	5.27	28.37
100	0.52	0.73	0.88	1.13	1.50	2.17	2.66	3.61	4.67	5.93	31.23
200	0.58	0.81	0.97	1.26	1.67	2.41	2.96	4.02	5.19	6.59	34.01
1000	0.71	0.99	1.20	1.55	2.05	2.96	3.64	4.94	6.39	8.11	40.25
10000	0.90	1.25	1.51	1.95	2.59	3.74	4.60	6.24	8.07	10.24	48.85
PMP	1.64	2.28	2.76	3.56	4.72	6.81	8.38	11.37	14.70	18.67	98.99
MEAN	0.195	0.271	0.328	0.423	0.561	0.810	0.997	1.352	1.748	2.220	13.673
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.540	0.965	1.155	1.233	0.483	0.205	0.346	0.158	0.140	0.881	1.131
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.555 ; INTERCEPT (TIME=1 HOUR) =0.591 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.04326 ; AVERAGE CALC CV / USED CV = 0.69

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.096	3.557	4.766	4.740	3.036	2.772	3.808	2.826	2.964	3.094	4.601
N	17	17	18	18	32	32	32	32	32	32	32
RECORD YEAR	1951	1951	1963	1963	1963	1969	1969	1940	1969	1969	1941
RECORD MAXIMUM	0.330	0.500	0.700	0.870	0.970	1.200	1.600	2.090	2.800	3.900	32.440
NORMALIZED MAX	1.870	2.032	2.657	2.607	2.400	1.989	2.555	1.989	1.965	2.178	3.001
CALC. COEF. VAR	0.369	0.415	0.427	0.405	0.304	0.242	0.237	0.275	0.306	0.347	0.457
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0143	0.0198	0.0240	0.0310	0.0410	0.0592	0.0729	0.0989	0.1278	0.1623	1.0000
RP10/A	0.0237	0.0329	0.0397	0.0513	0.0680	0.0981	0.1207	0.1637	0.2118	0.2689	1.5578
RP25/A	0.0295	0.0410	0.0496	0.0640	0.0849	0.1225	0.1508	0.2045	0.2644	0.3358	1.8593
RP50/A	0.0339	0.0471	0.0569	0.0735	0.0974	0.1406	0.1730	0.2346	0.3034	0.3853	2.0753
RP100/A	0.0382	0.0530	0.0641	0.0828	0.1097	0.1584	0.1949	0.2643	0.3418	0.4341	2.2840
RP1000/A	0.0522	0.0725	0.0876	0.1131	0.1499	0.2164	0.2663	0.3611	0.4670	0.5931	2.9441
RP10000/A	0.0659	0.0915	0.1106	0.1429	0.1893	0.2734	0.3364	0.4562	0.5900	0.7492	3.5729
PMP/A	0.1201	0.1668	0.2016	0.2604	0.3450	0.4982	0.6130	0.8313	1.0751	1.3653	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
Z03 3914 0	HENSHAW	2700	10	11S	02E		S	33.233	116.767	SAN DIEGO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1942	*****	*****	*****	*****	0.88	1.40	1.86	3.09	4.38	6.80	16.70
1943	*****	*****	*****	*****	0.65	1.23	1.60	2.80	4.40	6.85	33.82
1944	*****	*****	*****	*****	0.47	0.72	0.92	1.55	2.43	4.06	23.60
1945	*****	*****	*****	*****	1.21	1.40	1.86	3.09	4.32	6.91	30.04
1946	*****	*****	*****	*****	0.58	*****	0.70	1.54	2.08	2.54	22.18
1947	*****	*****	*****	*****	0.46	0.86	1.12	1.75	2.68	3.26	17.30
1948	*****	*****	*****	*****	1.05	1.08	1.17	1.41	1.41	2.83	13.18
1949	*****	*****	*****	*****	0.52	1.00	1.29	1.51	2.06	2.48	20.18
1950	*****	*****	*****	*****	0.46	0.66	0.92	1.37	1.54	1.64	11.74
1951	*****	*****	*****	*****	0.52	0.80	1.08	1.96	3.43	4.91	26.40
1952	*****	*****	*****	*****	0.53	0.75	1.05	1.26	1.53	3.27	31.69
1953	*****	*****	*****	*****	0.23	0.40	0.60	0.97	1.01	1.31	8.88
1954	*****	*****	*****	*****	0.80	0.82	1.15	2.05	2.91	3.29	25.59
1955	*****	*****	*****	*****	0.69	0.76	0.93	1.39	1.55	1.76	19.08
1956	*****	*****	*****	*****	0.31	0.54	0.74	1.44	2.54	3.24	10.04
1957	*****	*****	*****	*****	0.42	0.60	0.80	1.40	1.98	2.26	25.02
1958	*****	*****	*****	*****	0.65	1.00	1.36	1.89	2.55	3.09	32.02
1959	*****	*****	*****	*****	0.68	0.81	0.91	1.32	1.84	3.34	18.73
1960	*****	*****	*****	*****	0.50	0.77	1.00	1.44	1.58	1.92	18.75
1961	*****	*****	*****	*****	0.37	0.66	0.83	1.17	1.30	1.40	8.24
1962	*****	*****	*****	*****	0.48	0.88	1.19	1.95	2.76	3.26	18.82
1963	*****	*****	*****	*****	1.79	1.81	1.82	1.99	2.74	4.64	20.38
1964	*****	*****	*****	*****	0.44	0.84	1.08	1.78	2.09	2.56	20.98
1965	*****	*****	*****	*****	1.00	1.59	2.14	3.99	6.57	9.25	34.54
1966	*****	*****	*****	*****	0.82	1.22	1.53	2.26	3.52	4.76	20.25
1967	*****	*****	0.40	0.50	0.60	0.98	1.24	1.64	2.10	2.61	23.83
1968	*****	*****	0.20	0.40	0.60	0.80	1.10	1.60	2.10	2.40	11.52
1969	*****	*****	0.30	0.40	0.50	0.90	1.20	1.90	2.70	4.10	42.49
1970	*****	*****	0.30	0.50	0.70	0.90	1.10	1.70	2.70	4.60	23.40
1971	*****	*****	0.30	0.40	0.40	0.50	0.60	1.10	1.80	2.60	20.40
1972	*****	*****	0.20	0.30	0.60	0.80	1.10	1.50	2.00	2.00	13.90
1973	*****	*****	0.20	0.30	0.50	0.80	1.00	1.20	2.00	2.40	24.20
1974	*****	*****	0.30	0.50	0.70	0.90	1.30	1.90	3.00	3.70	22.50

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
Z03 3914 0	HENSHAW	2700	10	11S	02E		S	33.233	116.767	SAN DIEGO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.24	0.36	0.64	0.85	1.06	1.59	2.24	3.07	19.92
5	0.0	0.0	0.37	0.55	0.97	1.30	1.61	2.43	3.41	4.69	28.20
10	0.0	0.0	0.46	0.68	1.21	1.62	2.00	3.02	4.24	5.82	33.54
20	0.0	0.0	0.54	0.81	1.44	1.92	2.38	3.59	5.04	6.92	38.49
25	0.0	0.0	0.57	0.85	1.51	2.02	2.50	3.77	5.29	7.27	40.03
40	0.0	0.0	0.63	0.94	1.66	2.22	2.75	4.14	5.82	8.00	40.78
50	0.0	0.0	0.65	0.98	1.73	2.32	2.86	4.32	6.07	8.34	44.67
100	0.0	0.0	0.74	1.10	1.95	2.61	3.23	4.87	6.84	9.40	49.17
200	0.0	0.0	0.82	1.23	2.17	2.90	3.59	5.41	7.60	10.45	53.54
1000	0.0	0.0	1.00	1.51	2.66	3.56	4.41	6.65	9.35	12.85	63.38
10000	0.0	0.0	1.27	1.90	3.37	4.50	5.57	8.40	11.81	16.23	76.91
PMP	0.0	0.0	2.31	3.47	6.13	8.21	10.15	15.31	21.52	29.57	155.85
MEAN	0.0	0.0	0.275	0.412	0.729	0.976	1.207	1.821	2.559	3.516	21.527
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.404	-0.276	2.135	1.155	0.917	1.795	1.721	1.480	0.492
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.396 ; INTERCEPT (TIME=1 HOUR) =0.650 ; COEFFICIENT OF DETERMINATION = 0.974
1HR INTERCEPT / MEAN YR =0.03019 ; AVERAGE CALC CV / USED CV = 0.64

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	4.152	3.118	9.420	4.702	3.865	6.756	7.175	5.437	3.568
N	0	0	8	8	33	32	33	33	33	33	33
RECORD YEAR	0	0	1967	1967	1963	1963	1965	1965	1965	1965	1969
RECORD MAXIMUM	0.0	0.0	0.600	0.500	1.790	1.810	2.140	3.990	6.570	9.250	42.490
NORMALIZED MAX	0.0	0.0	1.768	1.048	3.148	2.521	2.430	3.303	3.527	3.190	2.659
CALC. COEF. VAR	0.0	0.0	0.257	0.202	0.462	0.339	0.318	0.361	0.444	0.511	0.366
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0128	0.0192	0.0339	0.0453	0.0561	0.0846	0.1189	0.1633	1.0000
RP10/A	0.0	0.0	0.0212	0.0317	0.0561	0.0751	0.0929	0.1401	0.1969	0.2706	1.5578
RP25/A	0.0	0.0	0.0264	0.0396	0.0701	0.0938	0.1160	0.1750	0.2459	0.3379	1.8593
RP50/A	0.0	0.0	0.0303	0.0455	0.0804	0.1076	0.1330	0.2007	0.2821	0.3876	2.0753
RP100/A	0.0	0.0	0.0342	0.0512	0.0906	0.1212	0.1499	0.2262	0.3178	0.4367	2.2840
RP1000/A	0.0	0.0	0.0467	0.0700	0.1238	0.1656	0.2048	0.3090	0.4342	0.5967	2.9441
RP10000/A	0.0	0.0	0.0590	0.0884	0.1563	0.2092	0.2587	0.3904	0.5486	0.7539	3.5729
RMP/A	0.0	0.0	0.1074	0.1612	0.2849	0.3812	0.4714	0.7114	0.9996	1.3737	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
703 6379 0	OCEANSIDE PUMP PLANT	30	24	11S	05W	B	S	33.210	117.353	SAN DIEGO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1942	*****	*****	*****	*****	0.60	1.40	1.61	1.78	1.60	1.86	6.30
1943	*****	*****	*****	*****	0.52	0.80	0.92	1.48	2.28	3.98	18.73
1944	*****	*****	*****	*****	0.88	1.00	1.08	1.36	1.56	1.93	12.57
1945	*****	*****	*****	*****	0.80	1.28	1.47	1.92	2.26	3.58	10.38
1946	*****	*****	*****	*****	0.70	0.80	0.88	1.28	1.33	1.64	10.73
1947	*****	*****	*****	*****	0.33	*****	*****	0.73	0.84	1.02	4.54
1948	*****	*****	*****	*****	0.40	*****	*****	1.03	1.37	1.52	******
1949	0.08	0.10	0.11	0.13	0.18	0.36	0.42	0.67	0.60	0.70	******
1950	0.09	0.13	0.16	0.26	0.41	0.66	0.80	1.34	1.68	1.70	7.04
1951	0.06	0.12	0.15	0.24	0.43	0.79	0.91	1.03	1.31	1.71	10.84
1952	0.33	0.45	0.50	0.53	0.69	0.80	0.98	1.52	1.93	1.95	******
1953	0.09	0.13	0.16	0.23	0.28	0.30	0.35	0.38	0.45	0.67	4.23
1954	0.21	0.24	0.26	0.34	0.44	0.69	0.90	1.30	1.66	1.77	11.64
1955	0.11	0.15	0.20	0.26	0.28	0.46	0.65	0.81	0.84	0.90	7.50
1956	0.10	0.14	0.20	0.30	0.30	0.47	0.59	1.11	1.46	1.97	6.62
1957	0.29	0.35	0.36	0.36	0.40	0.71	0.93	1.30	1.40	1.77	15.04
1958	0.42	0.53	0.54	0.67	0.77	0.96	1.09	1.26	1.72	2.24	17.62
1959	0.15	0.16	0.20	0.25	0.40	0.61	0.69	0.83	0.87	1.06	7.19
1960	0.09	0.15	0.20	0.29	0.46	0.75	0.84	1.18	1.37	1.37	11.62
1961	0.14	0.22	0.26	0.35	0.53	0.65	0.65	0.79	1.11	1.50	4.64
1962	0.10	0.12	0.14	0.20	0.29	0.68	0.97	1.65	2.10	2.15	9.74
1963	0.21	0.28	0.32	0.41	0.55	0.89	0.94	1.21	1.45	1.61	11.35
1964	0.09	0.16	0.19	0.31	0.40	0.49	0.54	0.74	0.84	0.84	6.37
1965	0.12	0.24	0.30	0.45	0.59	0.78	0.88	1.37	2.17	3.02	18.58
1966	0.14	0.20	0.21	0.25	0.43	0.63	0.79	1.16	1.80	2.04	8.71
1967	0.15	0.24	0.25	0.33	0.41	0.61	0.78	1.18	1.94	2.02	12.98
1968	0.22	0.26	0.31	0.39	0.48	0.57	0.60	0.72	0.79	0.87	6.17
1969	0.25	0.50	0.62	0.70	0.80	1.04	1.21	1.74	2.17	2.88	17.57
1970	0.26	0.33	0.39	0.56	0.65	0.86	1.01	1.13	1.29	1.71	10.90
1971	0.10	0.11	0.14	0.20	0.40	0.72	0.86	0.87	1.12	1.36	7.57
1972	0.15	0.19	0.27	0.32	0.46	0.56	0.57	0.65	0.65	1.03	4.15
1973	*****	*****	*****	*****	0.28	0.34	0.47	0.57	0.62	0.68	9.72
1974	*****	*****	*****	*****	0.29	0.52	0.68	0.85	1.32	1.38	9.61

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
703 6379 0	OCEANSIDE PUMP PLANT	30	24	11S	05W	B	S	33.210	117.353	SAN DIEGO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.20	0.23	0.30	0.43	0.63	0.74	0.97	1.22	1.50	9.27
5	0.22	0.31	0.36	0.46	0.66	0.95	1.12	1.48	1.86	2.28	13.12
10	0.27	0.38	0.44	0.57	0.81	1.19	1.40	1.84	2.31	2.83	15.61
20	0.32	0.45	0.53	0.68	0.97	1.41	1.66	2.19	2.75	3.37	17.91
25	0.34	0.47	0.56	0.71	1.02	1.48	1.74	2.30	2.89	3.54	18.63
40	0.37	0.52	0.61	0.78	1.12	1.63	1.92	2.53	3.18	3.89	18.98
50	0.39	0.54	0.64	0.81	1.17	1.70	2.00	2.64	3.32	4.06	20.79
100	0.44	0.61	0.72	0.92	1.31	1.91	2.25	2.98	3.74	4.57	22.88
200	0.49	0.68	0.80	1.02	1.46	2.13	2.50	3.31	4.15	5.08	24.92
1000	0.60	0.84	0.98	1.25	1.80	2.61	3.08	4.07	5.10	6.25	29.49
10000	0.76	1.06	1.24	1.58	2.27	3.30	3.89	5.14	6.45	7.89	35.79
PMP	1.38	1.93	2.26	2.88	4.13	6.02	7.08	9.36	11.75	14.38	72.53
MEAN	0.165	0.229	0.268	0.343	0.492	0.715	0.842	1.113	1.397	1.710	10.018
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.279	1.272	1.313	1.108	0.603	0.818	0.736	0.116	-0.012	1.126	0.641
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.544 ; INTERCEPT (TIME=1 HOUR) =0.504 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.05027 ; AVERAGE CALC CV / USED CV = 0.89

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.505	4.121	4.517	4.019	2.755	4.359	4.366	2.715	2.270	4.754	2.933
N	24	24	24	24	33	31	31	33	33	33	30
RECORD YEAR	1958	1958	1969	1969	1944	1942	1942	1945	1943	1943	1943
RECORD MAXIMUM	0.420	0.530	0.620	0.700	0.880	1.400	1.610	1.920	2.280	3.980	18.730
NORMALIZED MAX	2.798	2.445	2.654	2.420	2.153	2.752	2.757	2.101	1.678	2.893	2.045
CALC. CDEF. VAR	0.555	0.537	0.494	0.430	0.367	0.348	0.331	0.345	0.377	0.459	0.425
REGN. CDEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED CDEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0164	0.0229	0.0268	0.0342	0.0491	0.0714	0.0841	0.1111	0.1394	0.1707	1.0000
RP10/A	0.0272	0.0379	0.0444	0.0567	0.0813	0.1183	0.1393	0.1841	0.2310	0.2828	1.5578
RP25/A	0.0340	0.0473	0.0554	0.0708	0.1015	0.1477	0.1739	0.2299	0.2884	0.3531	1.8593
RP50/A	0.0390	0.0543	0.0636	0.0812	0.1164	0.1695	0.1995	0.2637	0.3309	0.4051	2.0753
RP100/A	0.0439	0.0612	0.0716	0.0915	0.1312	0.1910	0.2248	0.2971	0.3728	0.4564	2.2840
RP1000/A	0.0600	0.0836	0.0979	0.1250	0.1792	0.2609	0.3071	0.4060	0.5094	0.6236	2.9441
RP10000/A	0.0758	0.1056	0.1236	0.1580	0.2264	0.3296	0.3880	0.5129	0.6436	0.7878	3.5729
PMP/A	0.1382	0.1924	0.2253	0.2879	0.4126	0.6006	0.7071	0.9346	1.1727	1.4355	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER	SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
203 9447	0	WARMER SPRINGS	3180	26	105	03E		S	33.283	116.633	SAN DIEGO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	*****	*****	*****	*****	0.29	0.51	0.79	1.23	2.23	2.38	27.69
1942	*****	*****	*****	*****	0.34	0.36	0.48	0.79	1.24	1.50	9.29
1943	*****	*****	*****	*****	0.57	0.69	1.03	1.83	2.77	3.92	21.89
1944	*****	*****	*****	*****	0.27	0.48	0.62	0.86	1.25	1.54	19.67
1945	*****	*****	*****	*****	1.69	2.24	2.27	2.40	2.96	4.36	25.28
1946	*****	*****	*****	*****	0.86	0.87	0.87	0.92	0.93	1.53	15.75
1947	*****	*****	*****	*****	0.37	0.67	0.71	0.75	0.83	1.29	7.33
1948	*****	*****	*****	*****	0.21	0.41	0.50	0.68	0.68	1.57	10.60
1949	0.06	0.10	0.12	0.20	0.27	0.51	0.64	0.70	0.81	1.03	13.92
1950	0.16	0.20	0.24	0.36	0.36	0.47	0.66	0.87	0.93	1.55	10.22
1951	0.10	0.18	0.25	0.42	0.59	0.85	0.98	1.20	1.96	2.59	19.21
1952	0.10	0.17	0.21	0.26	0.33	0.54	0.72	0.94	1.36	2.06	20.31
1953	0.13	0.18	0.20	0.21	0.21	0.39	0.46	0.64	0.75	1.60	7.35
1954	0.15	0.25	0.32	0.43	0.55	0.57	0.57	0.92	1.33	1.96	14.56
1955	0.09	0.11	0.13	0.17	0.23	0.37	0.48	0.67	1.01	1.63	15.89
1956	0.03	0.05	0.07	0.14	0.20	0.31	0.42	0.58	1.01	1.57	6.35
1957	0.18	0.33	0.42	0.71	0.94	0.94	0.94	1.24	1.74	1.99	17.61
1958	0.10	0.16	0.23	0.32	0.48	0.68	0.72	1.20	1.49	2.22	20.02
1959	0.15	0.28	0.31	0.37	0.40	0.46	0.53	0.80	1.19	1.50	11.77
1960	0.39	0.56	0.66	0.80	1.00	1.09	1.09	1.13	1.16	1.16	10.31
1961	0.16	0.30	0.35	0.50	0.50	0.50	0.50	0.67	0.76	0.89	6.09
1962	0.04	0.07	0.10	0.16	0.20	0.40	0.52	0.87	1.17	1.24	11.11
1963	0.34	0.56	0.81	0.96	1.03	1.06	1.07	1.67	1.78	2.82	14.59
1964	0.14	0.20	0.25	0.31	0.38	0.54	0.54	0.61	0.76	0.93	11.61
1965	0.13	0.21	0.30	0.47	0.78	1.05	1.42	2.10	3.35	4.61	21.92
1966	0.13	0.17	0.24	0.34	0.37	0.65	0.80	1.29	1.98	2.73	12.57
1967	0.20	0.35	0.60	1.05	1.59	1.60	1.61	1.90	2.00	2.00	16.38
1968	0.20	0.38	0.48	0.66	0.68	0.68	0.69	0.71	0.99	1.07	9.20
1969	0.19	0.30	0.42	0.71	0.75	0.85	1.25	1.82	2.30	3.28	23.26
1970	0.18	0.25	0.29	0.45	0.55	0.55	0.68	0.94	1.14	1.72	13.35
1971	0.21	0.42	0.59	0.79	1.16	1.17	1.19	1.19	1.19	1.20	18.57
1972	0.26	0.42	0.54	0.57	0.57	0.57	0.57	0.90	0.99	1.09	8.35
1973	*****	*****	0.10	0.20	0.30	0.40	0.50	0.70	0.80	1.00	13.60
1974	*****	*****	0.90	1.00	1.10	1.10	1.10	1.30	1.90	2.80	15.10

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER	SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
203 9447	0	WARMER SPRINGS	3180	26	105	03E		S	33.283	116.633	SAN DIEGO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.23	0.31	0.43	0.52	0.63	0.72	0.95	1.25	1.71	13.63
5	0.21	0.34	0.47	0.65	0.79	0.96	1.10	1.45	1.91	2.60	19.29
10	0.26	0.43	0.58	0.81	0.98	1.20	1.36	1.80	2.37	3.23	22.94
20	0.31	0.51	0.69	0.96	1.16	1.42	1.62	2.14	2.82	3.84	26.33
25	0.33	0.53	0.73	1.01	1.22	1.49	1.70	2.25	2.97	4.03	27.38
40	0.38	0.59	0.80	1.11	1.35	1.64	1.87	2.48	3.26	4.44	27.90
50	0.38	0.61	0.83	1.16	1.40	1.71	1.95	2.58	3.40	4.63	30.56
100	0.42	0.69	0.94	1.30	1.58	1.93	2.20	2.91	3.83	5.21	33.64
200	0.47	0.77	1.04	1.45	1.76	2.14	2.44	3.24	4.26	5.79	36.63
1000	0.58	0.94	1.28	1.78	2.16	2.64	3.00	3.98	5.24	7.12	43.36
10000	0.73	1.19	1.62	2.25	2.73	3.33	3.79	5.03	6.62	9.00	52.62
PMP	1.34	2.17	2.95	4.10	4.97	6.07	6.91	9.16	12.06	16.40	106.62
MEAN	0.159	0.258	0.351	0.487	0.591	0.721	0.821	1.089	1.434	1.950	14.727
CLOCK HR. CORR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.025	0.713	0.978	0.636	1.327	2.094	1.877	1.254	1.228	1.372	0.427
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.563 ; INTERCEPT (TIME=1 HOUR) =0.564 ; COEFFICIENT OF DETERMINATION = 0.973
1HR INTERCEPT / MEAN YR =0.03P27 ; AVERAGE CALC CV / USED CV = 1.13

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.823	3.391	3.656	2.668	4.559	8.734	7.635	4.063	4.126	4.599	2.696
N	24	24	26	26	34	34	34	34	34	34	34
RECORD YEAR	1960	1960	1974	1967	1945	1945	1945	1945	1965	1965	1941
RECORD MAXIMUM	0.380	0.560	0.900	1.050	1.690	2.240	2.270	2.400	3.350	4.610	27.690
NORMILIZED MAX	2.666	2.183	2.498	2.059	2.854	3.825	3.692	2.805	2.815	2.774	2.310
CALC. COEF. VAR	0.523	0.535	0.626	0.562	0.651	0.550	0.478	0.429	0.475	0.492	0.381
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0108	0.0175	0.0238	0.0331	0.0402	0.0490	0.0558	0.0739	0.0973	0.1324	1.0000
RP10/A	0.0179	0.0291	0.0395	0.0548	0.0665	0.0812	0.0924	0.1225	0.1612	0.2194	1.5578
RP25/A	0.0223	0.0363	0.0493	0.0684	0.0831	0.1013	0.1153	0.1529	0.2013	0.2739	1.8593
RP50/A	0.0256	0.0416	0.0566	0.0785	0.0953	0.1163	0.1323	0.1755	0.2310	0.3143	2.0753
RP100/A	0.0288	0.0469	0.0638	0.0884	0.1074	0.1310	0.1491	0.1977	0.2603	0.3541	2.2840
RP1000/A	0.0394	0.0641	0.0871	0.1208	0.1467	0.1790	0.2037	0.2701	0.3556	0.4838	2.9441
RP10000/A	0.0497	0.0810	0.1100	0.1526	0.1854	0.2261	0.2573	0.3412	0.4492	0.6112	3.5729
PMP/A	0.0907	0.1475	0.2005	0.2781	0.3378	0.4120	0.4689	0.6218	0.8186	1.1137	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
204 2833 10	ENCINITAS	300						33.042	117.275	SAN DIEGO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1964	*****	*****	*****	0.45	0.62	0.91	1.01	1.20	1.23	1.25	7.26
1965	*****	*****	*****	0.33	0.42	0.49	0.53	0.65	0.96	1.53	6.03
1966	*****	*****	*****	0.24	0.38	0.44	0.57	0.82	1.47	1.49	12.63
1967	*****	*****	*****	0.20	0.33	0.40	0.57	0.97	1.36	1.53	10.28
1968	*****	*****	*****	0.51	0.60	0.92	1.10	1.24	1.44	1.68	8.97
1969	*****	*****	*****	0.42	0.44	0.70	0.87	1.06	1.32	1.64	12.32
1970	*****	*****	*****	0.28	0.55	0.77	0.85	0.95	1.01	1.37	5.43
1971	*****	*****	*****	0.19	0.35	0.51	0.70	0.92	1.00	1.26	6.88
1972	*****	*****	*****	0.26	0.48	0.77	0.86	0.91	0.92	0.92	4.56
1973	*****	*****	*****	0.25	0.31	0.48	0.52	0.65	0.74	0.75	7.04
1974	*****	*****	*****	0.43	0.72	1.25	1.30	1.69	1.70	1.70	7.86
1975	*****	*****	*****	0.53	0.57	0.74	0.86	1.11	1.25	1.25	11.49

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
204 2833 10	ENCINITAS	300						33.042	117.275	SAN DIEGO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.0	0.30	0.42	0.61	0.71	0.89	1.05	1.19	7.78
5	0.0	0.0	0.0	0.45	0.64	0.93	1.08	1.35	1.60	1.82	11.02
10	0.0	0.0	0.0	0.56	0.80	1.16	1.34	1.68	1.99	2.26	13.11
20	0.0	0.0	0.0	0.67	0.95	1.38	1.60	2.00	2.36	2.69	15.04
25	0.0	0.0	0.0	0.71	0.99	1.44	1.68	2.10	2.48	2.82	15.64
40	0.0	0.0	0.0	0.78	1.09	1.59	1.85	2.31	2.73	3.10	15.94
50	0.0	0.0	0.0	0.81	1.14	1.66	1.93	2.41	2.85	3.24	17.46
100	0.0	0.0	0.0	0.91	1.29	1.87	2.17	2.71	3.21	3.65	19.21
200	0.0	0.0	0.0	1.01	1.43	2.07	2.41	3.01	3.57	4.05	20.92
1000	0.0	0.0	0.0	1.25	1.76	2.55	2.97	3.70	4.38	4.98	24.77
10000	0.0	0.0	0.0	1.57	2.22	3.22	3.75	4.68	5.54	6.30	30.06
PMP	0.0	0.0	0.0	2.87	4.04	5.87	6.83	8.53	10.09	11.47	60.91
MEAN	0.0	0.0	0.0	0.341	0.481	0.698	0.812	1.014	1.200	1.364	8.412
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.328	0.348	0.823	0.529	1.063	0.084	-0.923	0.388
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.507 ; INTERCEPT (TIME=1 HOUR) =0.482 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.05731 ; AVERAGE CALC CV / USED CV = 0.65

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	0.0	2.339	2.844	4.216	3.476	5.637	3.164	3.956	2.651
N	0	0	0	12	12	12	12	12	12	12	12
RECORD YEAR	0	0	0	1975	1974	1974	1974	1974	1974	1974	1966
RECORD MAXIMUM	0.0	0.0	0.0	0.530	0.720	1.250	1.300	1.690	1.700	1.700	12.630
NORMILIZED MAX	0.0	0.0	0.0	1.559	1.829	2.199	1.987	2.386	1.801	1.130	1.559
CALC. COEF. VAR	0.0	0.0	0.0	0.356	0.272	0.259	0.303	0.279	0.231	0.218	0.321
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0	0.0405	0.0572	0.0830	0.0965	0.1206	0.1426	0.1622	1.0000
RP10/A	0.0	0.0	0.0	0.0671	0.0947	0.1375	0.1598	0.1997	0.2363	0.2686	1.5578
RP25/A	0.0	0.0	0.0	0.0838	0.1182	0.1717	0.1996	0.2494	0.2951	0.3354	1.8593
RP50/A	0.0	0.0	0.0	0.0961	0.1356	0.1970	0.2290	0.2861	0.3385	0.3848	2.0753
RP100/A	0.0	0.0	0.0	0.1083	0.1528	0.2219	0.2580	0.3223	0.3814	0.4336	2.2840
RP1000/A	0.0	0.0	0.0	0.1480	0.2088	0.3033	0.3525	0.4404	0.5211	0.5924	2.9441
RP10000/A	0.0	0.0	0.0	0.1870	0.2638	0.3831	0.4453	0.5564	0.6583	0.7484	3.5729
PMP/A	0.0	0.0	0.0	0.3407	0.4807	0.6981	0.8114	1.0139	1.1996	1.3638	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. 8SN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
Z04 2869 0	ESCONDITO PARK HILL	850						33.117	117.067	SAN DIEGO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	*****	*****	*****	*****	0.42	0.82	1.12	1.41	2.36	2.40	30.71
1942	*****	*****	*****	*****	0.40	0.70	0.77	0.96	1.66	1.74	11.15
1943	*****	*****	*****	*****	0.56	0.74	0.89	1.49	2.29	3.69	21.46
1944	*****	*****	*****	*****	0.36	0.52	0.54	0.86	1.32	2.59	15.90
1945	*****	*****	*****	*****	0.69	1.18	1.45	2.05	2.62	4.37	16.72
1946	*****	*****	*****	*****	0.50	0.65	0.84	1.07	1.50	2.40	15.14
1947	*****	*****	*****	*****	0.45	0.53	0.62	1.05	1.45	1.87	7.89
1948	*****	*****	*****	*****	0.56	0.61	0.62	0.82	1.01	1.15	9.44
1949	0.15	0.20	0.27	0.34	0.46	0.60	0.66	0.79	1.06	1.26	12.58
1950	0.21	0.27	0.29	0.34	0.45	0.75	0.87	1.27	1.31	1.41	9.69
1951	0.14	0.23	0.28	0.44	0.63	0.88	0.88	1.35	2.61	3.36	17.75
1952	0.06	0.12	0.17	0.32	0.47	0.65	0.75	1.26	1.75	2.10	19.58
1953	0.14	0.17	0.22	0.29	0.35	0.53	0.63	0.72	0.73	1.00	7.40
1954	0.15	0.25	0.32	0.38	0.50	0.65	0.80	1.24	1.95	2.45	14.51
1955	0.08	0.16	0.20	0.29	0.38	0.55	0.73	1.05	1.26	1.49	11.29
1956	0.05	0.08	0.12	0.21	0.40	0.66	0.90	1.54	2.30	2.71	7.67
1957	0.07	0.13	0.18	0.26	0.42	0.70	0.82	1.12	1.38	1.66	17.69
1958	0.36	0.46	0.53	0.70	0.74	1.00	1.25	1.51	2.04	2.27	10.17
1959	0.14	0.25	0.30	0.42	0.43	0.43	0.59	0.72	0.96	1.29	9.47
1960	0.08	0.14	0.20	0.28	0.44	0.64	0.81	1.22	1.35	1.35	11.62
1961	0.08	0.15	0.19	0.24	0.46	0.71	0.74	0.88	1.16	1.32	6.45
1962	0.15	0.20	0.25	0.40	0.51	0.59	0.82	1.53	2.14	2.33	12.41
1963	0.10	0.14	0.18	0.27	0.38	0.60	0.74	1.11	1.50	2.19	11.30
1964	0.09	0.17	0.21	0.30	0.43	0.49	0.59	0.83	0.89	1.07	9.34
1965	0.15	0.20	0.25	0.37	0.65	0.85	1.11	1.77	3.04	4.40	******
1968	*****	*****	*****	*****	0.40	0.50	0.60	0.90	1.30	1.50	5.90
1969	*****	*****	*****	*****	0.60	0.80	1.10	1.50	2.00	2.70	19.60
1970	*****	*****	*****	*****	0.50	0.70	0.90	1.20	1.80	2.80	13.40
1971	*****	*****	*****	*****	0.20	0.40	0.50	0.70	0.90	1.30	11.30
1972	*****	*****	*****	*****	0.60	0.70	0.80	1.10	1.30	1.10	7.80
1973	*****	*****	*****	*****	0.40	0.70	0.80	1.00	1.10	1.20	14.00
1974	*****	*****	0.20	0.30	0.50	0.70	0.90	1.30	1.60	2.30	12.70

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 8SN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
Z04 2869 0	ESCONDITO PARK HILL	850						33.117	117.067	SAN DIEGO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.11	0.17	0.21	0.30	0.42	0.59	0.71	1.03	1.41	1.82	12.00
5	0.17	0.26	0.32	0.46	0.64	0.90	1.09	1.56	2.15	2.78	16.99
10	0.21	0.32	0.40	0.57	0.79	1.11	1.35	1.94	2.67	3.46	20.20
20	0.25	0.38	0.48	0.67	0.94	1.32	1.61	2.31	3.18	4.11	23.19
25	0.27	0.40	0.50	0.71	0.99	1.39	1.69	2.43	3.34	4.32	24.11
40	0.29	0.44	0.55	0.78	1.08	1.53	1.86	2.67	3.67	4.75	24.57
50	0.31	0.46	0.57	0.81	1.13	1.60	1.94	2.78	3.83	4.95	26.91
100	0.35	0.52	0.65	0.91	1.27	1.80	2.18	3.13	4.31	5.58	29.62
200	0.38	0.58	0.72	1.02	1.42	2.00	2.43	3.48	4.79	6.20	32.26
1000	0.47	0.71	0.88	1.25	1.74	2.46	2.98	4.28	5.90	7.62	38.18
10000	0.60	0.90	1.12	1.58	2.20	3.11	3.77	5.41	7.45	9.63	46.34
PMP	1.09	1.64	2.04	2.87	4.01	5.66	6.87	9.86	13.57	17.55	93.89
MEAN	0.129	0.195	0.242	0.342	0.476	0.673	0.817	1.172	1.614	2.087	12.969
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.033	1.883	2.034	2.180	0.336	1.071	1.106	0.627	0.669	1.042	1.395
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.493 ; INTERCEPT (TIME=1 HOUR) =0.476 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.03671 ; AVERAGE CALC CV / USED CV = 0.70

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	8.812	8.409	9.176	9.601	3.963	5.455	4.790	3.312	2.978	3.880	6.128
N	17	17	18	18	32	32	32	32	32	32	31
RECORD YEAR	1958	1958	1958	1958	1958	1945	1945	1945	1965	1965	1941
RECORD MAXIMUM	0.360	0.460	0.530	0.700	0.740	1.180	1.450	2.050	3.040	4.400	30.710
NORMILIZED MAX	3.143	3.098	3.238	3.284	2.387	3.171	3.011	2.657	2.467	2.517	3.383
CALC. COEF. VAR	0.567	0.438	0.367	0.319	0.232	0.238	0.257	0.282	0.358	0.440	0.404
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0100	0.0151	0.0187	0.0263	0.0367	0.0519	0.0630	0.0904	0.1244	0.1609	1.0000
RP10/A	0.0165	0.0249	0.0309	0.0436	0.0608	0.0859	0.1043	0.1498	0.2061	0.2665	1.5578
RP25/A	0.0206	0.0311	0.0386	0.0545	0.0760	0.1073	0.1303	0.1870	0.2574	0.3328	1.8593
RP50/A	0.0237	0.0357	0.0443	0.0625	0.0871	0.1231	0.1495	0.2146	0.2953	0.3818	2.0753
RP100/A	0.0267	0.0403	0.0499	0.0704	0.0982	0.1387	0.1684	0.2417	0.3327	0.4302	2.2840
RP1000/A	0.0365	0.0550	0.0682	0.0962	0.1342	0.1895	0.2301	0.3303	0.4546	0.5878	2.9441
RP10000/A	0.0461	0.0695	0.0862	0.1216	0.1695	0.2394	0.2907	0.4173	0.5743	0.7425	3.5729
PMP/A	0.0839	0.1266	0.1571	0.2216	0.3088	0.4363	0.5297	0.7603	1.0465	1.3531	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BNM	LATITUDE	LONGITUDE	COUNTY
204 4726 0	LAKE WOHL FORD	1500	32	11S	01W		S	33.170	116.996	SAN DIEGO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1945	0.25	0.34	0.46	0.78	1.08	1.59	1.79	2.78	3.63	5.62	19.91
1946	0.18	0.26	0.33	0.45	0.54	0.78	0.96	1.43	1.69	1.91	17.34
1947	0.14	0.19	0.25	0.30	0.34	0.39	0.54	1.02	1.43	1.84	9.75
1948	0.38	0.60	0.70	0.97	1.00	1.09	1.11	1.14	1.17	2.21	12.13
1949	0.17	0.21	0.24	0.36	0.48	0.72	0.91	1.25	1.63	1.90	15.54
1950	0.14	0.21	0.24	0.38	0.48	0.85	1.01	1.36	1.39	1.68	10.14
1951	0.22	0.29	0.33	0.40	0.43	0.70	0.92	1.62	2.72	3.66	19.70
1952	0.22	0.27	0.33	0.41	0.62	0.83	1.14	1.34	1.92	2.38	23.56
1953	0.05	0.09	0.11	0.18	0.28	0.52	0.56	0.91	1.07	1.11	8.98
1954	0.16	0.18	0.22	0.26	0.37	0.55	0.75	1.35	2.02	2.31	15.85
1955	0.10	0.14	0.15	0.25	0.35	0.49	0.62	1.01	1.12	1.26	11.72
1956	0.06	0.10	0.12	0.23	0.39	0.62	0.80	1.36	2.37	3.16	9.04
1957	0.11	0.17	0.21	0.30	0.42	0.60	0.80	1.10	1.51	1.73	19.87
1958	0.20	0.25	0.29	0.42	0.56	0.79	0.97	1.19	2.03	3.03	22.51
1959	0.14	0.16	0.24	0.32	0.48	0.80	0.87	0.98	1.23	1.81	11.23
1960	0.18	0.21	0.21	0.29	0.39	0.68	0.90	1.30	1.46	1.47	13.77
1961	0.07	0.11	0.16	0.31	0.51	0.82	0.91	1.18	1.43	1.61	6.79
1962	0.18	0.22	0.25	0.40	0.64	0.64	0.92	1.60	2.35	2.54	13.12
1963	0.26	0.42	0.57	0.96	1.03	1.14	1.21	1.55	3.07	4.20	14.44
1964	0.14	0.22	0.30	0.42	0.55	0.62	0.70	1.01	1.16	1.35	12.65
1968	*****	*****	*****	*****	0.50	0.50	0.60	0.90	1.20	1.50	7.10
1969	*****	*****	*****	*****	0.50	0.90	1.30	2.20	3.10	4.20	27.30
1970	*****	*****	*****	*****	0.60	0.80	1.00	1.60	2.20	3.10	17.10
1971	*****	*****	*****	*****	0.40	0.50	0.60	0.80	1.20	2.20	16.40
1972	*****	*****	*****	*****	0.50	0.60	0.90	1.30	1.40	1.40	10.80
1973	*****	*****	*****	*****	0.50	0.70	0.90	1.10	1.20	1.40	18.00
1974	*****	*****	0.20	0.30	0.50	0.90	1.10	1.40	1.70	2.30	16.10

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BNM	LATITUDE	LONGITUDE	COUNTY
204 4726 0	LAKE WOHL FORD	1500	32	11S	01W		S	33.170	116.996	SAN DIEGO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS M=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.15	0.20	0.25	0.36	0.53	0.70	0.83	1.18	1.58	2.04	13.74
5	0.22	0.31	0.38	0.55	0.81	1.06	1.27	1.79	2.41	3.11	19.45
10	0.28	0.38	0.47	0.69	1.01	1.32	1.58	2.23	3.00	3.86	23.13
20	0.33	0.46	0.55	0.81	1.20	1.57	1.88	2.65	3.57	4.59	26.54
25	0.35	0.48	0.58	0.86	1.26	1.65	1.98	2.78	3.75	4.82	27.60
40	0.38	0.53	0.66	0.94	1.39	1.81	2.17	3.06	4.12	5.30	28.12
50	0.40	0.55	0.67	0.98	1.45	1.89	2.27	3.19	4.30	5.53	30.81
100	0.45	0.62	0.75	1.11	1.63	2.13	2.55	3.59	4.84	6.23	33.91
200	0.50	0.69	0.84	1.23	1.81	2.37	2.84	3.99	5.38	6.92	36.93
1000	0.61	0.85	1.03	1.51	2.23	2.91	3.49	4.91	6.61	8.51	43.71
10000	0.77	1.07	1.30	1.91	2.81	3.68	4.41	6.20	8.36	10.75	53.04
PMP	1.41	1.95	2.37	3.48	5.13	6.71	8.03	11.30	15.23	19.59	107.48
MEAN	0.167	0.232	0.281	0.414	0.610	0.797	0.955	1.344	1.811	2.329	14.846
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.876	1.759	1.645	1.831	1.747	1.674	1.276	2.097	1.192	1.463	0.512
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.505 ; INTERCEPT (TIME=1 HOUR) =0.572 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.03856 ; AVERAGE CALC CV / USED CV = 0.87

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	5.069	7.381	6.174	5.846	5.902	7.524	6.633	9.003	3.933	5.268	3.153
N	20	20	21	21	27	27	27	27	27	27	27
RECORD YEAR	1948	1948	1948	1948	1945	1945	1945	1945	1945	1945	1969
RECORD MAXIMUM	0.380	0.600	0.700	0.970	1.080	1.590	1.790	2.780	3.630	5.620	27.300
NORMILIZED MAX	2.751	3.119	2.913	2.538	2.056	3.021	3.052	3.445	2.602	3.045	2.621
CALC. COEF. VAR	0.461	0.509	0.511	0.530	0.375	0.329	0.287	0.310	0.386	0.464	0.346
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0113	0.0156	0.0190	0.0279	0.0411	0.0537	0.0643	0.0905	0.1220	0.1569	1.0000
RP10/A	0.0187	0.0259	0.0314	0.0462	0.0680	0.0890	0.1065	0.1500	0.2020	0.2599	1.5578
RP25/A	0.0233	0.0323	0.0392	0.0577	0.0849	0.1111	0.1330	0.1873	0.2523	0.3245	1.8593
RP50/A	0.0268	0.0371	0.0450	0.0661	0.0975	0.1275	0.1526	0.2149	0.2894	0.3723	2.0753
RP100/A	0.0302	0.0418	0.0507	0.0745	0.1098	0.1436	0.1720	0.2421	0.3261	0.4194	2.2840
RP1000/A	0.0412	0.0571	0.0693	0.1018	0.1500	0.1962	0.2350	0.3308	0.4455	0.5731	2.9441
RP10000/A	0.0521	0.0721	0.0875	0.1286	0.1895	0.2479	0.2968	0.4179	0.5628	0.7240	3.5729
PMP/A	0.0949	0.1314	0.1594	0.2344	0.3454	0.4517	0.5409	0.7614	1.0256	1.3193	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
205 9348 50	VINEYARD RANCH	2040	05	12S	01E	G	S	33.163	116.900	SAN DIEGO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1966	*****	*****	*****	*****	0.63	1.07	1.40	1.97	3.42	4.42	19.41
1967	*****	*****	*****	*****	0.45	0.90	1.25	2.33	3.73	5.72	16.69
1968	*****	*****	*****	*****	0.40	0.70	0.88	1.61	2.03	2.38	13.09
1969	*****	*****	*****	*****	0.50	0.95	1.30	2.05	2.75	3.62	28.00
1970	*****	*****	*****	*****	0.49	0.93	1.21	1.53	1.69	2.95	10.87
1971	*****	*****	0.30	0.40	0.46	0.54	0.69	1.08	1.49	1.66	12.75
1972	*****	*****	0.20	0.20	0.40	0.60	0.80	1.20	1.90	2.70	13.60
1973	*****	*****	0.20	0.30	0.40	0.70	0.90	1.40	1.80	2.10	16.00
1974	*****	*****	0.10	0.20	0.40	0.60	0.80	1.10	1.40	2.10	14.40
1975	*****	*****	0.20	0.40	0.60	0.90	1.30	1.80	1.90	2.10	20.30

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
205 9348 50	VINEYARD RANCH	2040	05	12S	01E	G	S	33.163	116.900	SAN DIEGO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.20	0.28	0.43	0.70	0.93	1.42	1.93	2.60	15.28
5	0.0	0.0	0.30	0.43	0.66	1.07	1.42	2.16	2.95	3.96	21.63
10	0.0	0.0	0.38	0.53	0.81	1.33	1.76	2.69	3.66	4.92	25.72
20	0.0	0.0	0.45	0.63	0.97	1.58	2.09	3.20	4.35	5.85	29.52
25	0.0	0.0	0.47	0.66	1.02	1.66	2.20	3.36	4.57	6.15	30.70
40	0.0	0.0	0.52	0.73	1.12	1.83	2.42	3.69	5.03	6.77	31.28
50	0.0	0.0	0.54	0.76	1.17	1.91	2.52	3.85	5.25	7.06	34.26
100	0.0	0.0	0.61	0.86	1.32	2.15	2.84	4.34	5.91	7.95	37.71
200	0.0	0.0	0.68	0.95	1.46	2.39	3.16	4.82	6.57	8.83	41.07
1000	0.0	0.0	0.83	1.17	1.80	2.94	3.89	5.93	8.08	10.86	48.61
10000	0.0	0.0	1.05	1.48	2.27	3.71	4.91	7.49	10.20	13.72	58.99
PMP	0.0	0.0	1.92	2.70	4.14	6.77	8.94	13.65	18.59	25.00	119.54
MEAN	0.0	0.0	0.228	0.321	0.492	0.805	1.064	1.623	2.211	2.973	16.511
CLOCK HR. CDR.	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.000	0.000	1.017	0.036	-0.043	0.298	1.109	1.313	1.425
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.373 ; INTERCEPT (TIME=1 HOUR) =0.517 ; COEFFICIENT OF DETERMINATION = 0.986
1HR INTERCEPT / MEAN YR =0.03131 ; AVERAGE CALC CV / USED CV = 0.54

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	8.332	4.167	3.877	2.545	2.141	3.016	3.859	5.052	6.042
N	0	0	5	5	10	10	10	10	10	10	10
RECORD YEAR	0	0	1971	1971	1966	1966	1966	1967	1967	1967	1969
RECORD MAXIMUM	0.0	0.0	0.300	0.400	0.630	1.070	1.400	2.330	3.730	5.720	28.000
NORMILIZED MAX	0.0	0.0	0.893	0.738	1.577	1.427	1.270	1.641	1.875	2.161	2.294
CALC. CDEF. VAR	0.0	0.0	0.354	0.333	0.178	0.231	0.249	0.265	0.366	0.428	0.303
REGN. CDEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED CDEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0138	0.0194	0.0298	0.0487	0.0644	0.0983	0.1339	0.1801	1.0000
RP10/A	0.0	0.0	0.0229	0.0322	0.0494	0.0807	0.1067	0.1628	0.2218	0.2983	1.5578
RP25/A	0.0	0.0	0.0286	0.0402	0.0616	0.1008	0.1332	0.2033	0.2770	0.3725	1.8593
RP50/A	0.0	0.0	0.0328	0.0461	0.0707	0.1157	0.1529	0.2333	0.3178	0.4273	2.0753
RP100/A	0.0	0.0	0.0369	0.0520	0.0797	0.1303	0.1722	0.2628	0.3580	0.4816	2.2940
RP1000/A	0.0	0.0	0.0504	0.0710	0.1088	0.1781	0.2353	0.3591	0.4892	0.6578	2.9441
RP10000/A	0.0	0.0	0.0637	0.0897	0.1375	0.2250	0.2973	0.4537	0.6180	0.8310	3.5729
PMP/A	0.0	0.0	0.1161	0.1635	0.2506	0.4099	0.5417	0.8267	1.1262	1.5143	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. 8SN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Z06 7110 10	PDWAY CO RD STA	440						32.950	117.063	SAN DIEGO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1963	*****	*****	0.21	0.37	0.48	0.62	0.77	0.87	0.98	1.23	******
1964	*****	*****	0.15	0.24	0.25	0.32	0.37	0.47	0.66	0.87	9.35
1965	*****	*****	0.27	0.27	0.27	0.29	0.37	0.54	0.63	0.71	8.43
1966	*****	*****	0.17	0.27	0.37	0.62	0.72	1.08	1.59	2.26	14.34
1967	*****	*****	0.15	0.28	0.36	0.43	0.56	0.86	1.38	2.23	12.41
1968	*****	*****	0.27	0.32	0.40	0.54	0.67	0.82	1.07	1.09	7.26
1969	*****	*****	0.16	0.24	0.43	0.47	0.47	0.67	1.08	1.28	14.81
1970	*****	*****	0.40	0.54	0.76	1.10	1.50	1.55	1.58	2.10	7.32
1971	*****	*****	0.14	0.14	0.22	0.40	0.53	0.75	0.79	0.96	8.05
1972	*****	*****	0.44	0.46	0.46	0.46	0.47	0.55	0.58	0.94	5.78
1973	*****	*****	0.27	0.40	0.48	0.62	0.70	0.98	1.10	1.13	13.67
1974	*****	*****	0.26	0.44	0.53	0.77	0.89	1.10	1.44	1.92	7.94
1975	*****	*****	0.21	0.26	0.52	0.75	1.02	1.45	1.52	1.57	13.19

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 8SN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Z06 7110 10	PDWAY CO RD STA	440						32.950	117.063	SAN DIEGO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.21	0.28	0.37	0.50	0.61	0.79	0.97	1.23	9.45
5	0.0	0.0	0.32	0.43	0.57	0.76	0.93	1.20	1.48	1.88	13.38
10	0.0	0.0	0.40	0.54	0.70	0.94	1.15	1.49	1.83	2.33	15.91
20	0.0	0.0	0.47	0.64	0.84	1.12	1.37	1.77	2.18	2.77	18.26
25	0.0	0.0	0.49	0.67	0.88	1.18	1.44	1.86	2.29	2.91	18.99
40	0.0	0.0	0.54	0.74	0.97	1.29	1.58	2.05	2.52	3.20	19.35
50	0.0	0.0	0.57	0.77	1.01	1.35	1.65	2.13	2.63	3.34	21.19
100	0.0	0.0	0.64	0.87	1.14	1.52	1.86	2.40	2.96	3.76	23.33
200	0.0	0.0	0.71	0.97	1.26	1.69	2.07	2.67	3.29	4.18	25.40
1000	0.0	0.0	0.87	1.19	1.55	2.08	2.54	3.29	4.05	5.16	30.07
10000	0.0	0.0	1.10	1.50	1.96	2.62	3.21	4.15	5.11	6.49	36.49
PMP	0.0	0.0	2.01	2.74	3.58	4.78	5.85	7.56	9.32	11.83	73.94
MEAN	0.0	0.0	0.238	0.325	0.425	0.568	0.695	0.899	1.108	1.407	10.212
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.075	0.439	0.731	1.115	1.528	0.733	-0.069	0.545	0.263
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.576 ; INTERCEPT (TIME=1 HOUR) =0.430 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.04213 ; AVERAGE CALC CV / USED CV = 0.77

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	4.130	3.432	4.978	5.265	6.346	3.600	2.276	2.448	2.119
N	0	0	13	13	13	13	13	13	13	13	12
RECORD YEAR	0	0	1972	1970	1970	1970	1970	1970	1966	1966	1969
RECORD MAXIMUM	0.0	0.0	0.440	0.540	0.760	1.100	1.500	1.550	1.590	2.260	14.810
NORMILIZED MAX	0.0	0.0	2.125	1.944	2.346	2.432	2.592	1.958	1.306	1.559	1.426
CALC. COEF. VAR	0.0	0.0	0.398	0.339	0.335	0.384	0.446	0.370	0.333	0.389	0.316
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0233	0.0319	0.0417	0.0557	0.0681	0.0881	0.1085	0.1378	1.0000
RP10/A	0.0	0.0	0.0387	0.0528	0.0690	0.0922	0.1128	0.1459	0.1797	0.2282	1.5578
RP25/A	0.0	0.0	0.0483	0.0659	0.0862	0.1151	0.1408	0.1821	0.2244	0.2850	1.8593
RP50/A	0.0	0.0	0.0554	0.0756	0.0988	0.1321	0.1616	0.2090	0.2574	0.3269	2.0753
RP100/A	0.0	0.0	0.0624	0.0852	0.1114	0.1488	0.1821	0.2354	0.2900	0.3683	2.2840
RP1000/A	0.0	0.0	0.0853	0.1164	0.1522	0.2033	0.2488	0.3217	0.3962	0.5033	2.9441
RP10000/A	0.0	0.0	0.1078	0.1470	0.1922	0.2569	0.3143	0.4064	0.5006	0.6358	3.5729
PMP/A	0.0	0.0	0.1964	0.2680	0.3503	0.4681	0.5726	0.7405	0.9122	1.1586	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER	SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Z07 2239	0	CUYAMACA RESERVOIR ADR	4650	05	14S	04E	A	S	32.989	116.588	SAN DIEGO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1968	*****	*****	0.50	0.60	0.70	0.90	1.00	1.40	1.90	3.20	30.50
1969	*****	*****	0.20	0.40	0.70	1.10	1.50	2.60	3.40	4.20	42.40
1970	*****	*****	0.40	0.60	0.90	1.30	1.70	2.20	2.40	2.80	19.50
1971	*****	*****	0.20	0.40	0.60	0.90	1.30	1.90	2.50	3.10	28.40
1972	*****	*****	0.20	0.40	0.60	0.80	1.00	1.70	3.20	4.10	19.30
1973	*****	*****	0.60	0.80	0.80	1.10	1.40	2.30	2.60	3.30	44.40
1974	*****	*****	0.50	0.60	0.70	1.00	1.30	1.70	2.50	2.80	20.00
1975	*****	*****	0.80	1.10	1.30	1.30	1.50	2.30	2.90	3.30	31.50

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER	SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Z07 2239	0	CUYAMACA RESERVOIR ADR	4650	05	14S	04E	A	S	32.989	116.588	SAN DIEGO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.42	0.57	0.72	0.94	1.18	1.78	2.34	2.93	27.29
5	0.0	0.0	0.65	0.87	1.09	1.43	1.80	2.71	3.57	4.47	38.65
10	0.0	0.0	0.80	1.09	1.36	1.77	2.24	3.37	4.43	5.55	45.96
20	0.0	0.0	0.95	1.29	1.61	2.11	2.66	4.00	5.27	6.60	52.74
25	0.0	0.0	1.00	1.36	1.69	2.22	2.79	4.20	5.53	6.93	54.85
40	0.0	0.0	1.10	1.49	1.86	2.44	3.07	4.63	6.09	7.62	55.88
50	0.0	0.0	1.15	1.56	1.94	2.54	3.21	4.82	6.35	7.95	61.22
100	0.0	0.0	1.30	1.75	2.19	2.86	3.61	5.43	7.15	8.96	67.38
200	0.0	0.0	1.44	1.95	2.43	3.18	4.01	6.04	7.95	9.95	73.38
1000	0.0	0.0	1.77	2.39	2.99	3.91	4.94	7.43	9.77	12.24	86.85
10000	0.0	0.0	2.24	3.02	3.78	4.94	6.23	9.38	12.35	15.46	105.40
PMP	0.0	0.0	4.07	5.51	6.89	9.01	11.36	17.09	22.50	28.17	213.58
MEAN	0.0	0.0	0.484	0.655	0.819	1.071	1.351	2.033	2.675	3.350	29.500
CLOCK HR. COR.	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.450	1.264	1.904	0.270	-0.267	-0.104	0.070	0.866	0.496
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.602 I INTERCEPT (TIME=1 HOUR) =0.841 ; COEFFICIENT OF DETERMINATION = 0.997
IHR INTERCEPT / MEAN YR =0.02852 I AVERAGE CALC CV / USED CV = 0.63

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	3.788	5.705	7.885	3.305	3.801	3.446	4.245	3.901	3.334
N	0	0	8	8	8	8	8	8	8	8	8
RECORD YEAR	0	0	1975	1975	1975	1970	1970	1969	1969	1969	1973
RECORD MAXIMUM	0.0	0.0	0.800	1.100	1.300	1.300	1.700	2.600	3.400	4.200	44.400
NORMILIZED MAX	0.0	0.0	1.265	1.720	2.015	1.212	1.413	1.399	1.519	1.598	1.502
CALC. COEF. VAR	0.0	0.0	0.515	0.395	0.291	0.176	0.183	0.200	0.178	0.159	0.336
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0164	0.0222	0.0278	0.0363	0.0458	0.0689	0.0907	0.1136	1.0000
RP10/A	0.0	0.0	0.0272	0.0368	0.0460	0.0601	0.0759	0.1141	0.1502	0.1881	1.5578
RP25/A	0.0	0.0	0.0340	0.0460	0.0574	0.0751	0.0947	0.1425	0.1876	0.2349	1.8593
RP50/A	0.0	0.0	0.0390	0.0527	0.0659	0.0862	0.1087	0.1635	0.2152	0.2695	2.0753
RP100/A	0.0	0.0	0.0439	0.0594	0.0742	0.0971	0.1224	0.1842	0.2424	0.3036	2.2840
RP1000/A	0.0	0.0	0.0600	0.0812	0.1014	0.1326	0.1673	0.2517	0.3313	0.4149	2.9441
RP10000/A	0.0	0.0	0.0758	0.1025	0.1281	0.1676	0.2113	0.3180	0.4185	0.5241	3.5729
PMP/A	0.0	0.0	0.1381	0.1868	0.2335	0.3053	0.3851	0.5795	0.7626	0.9550	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Z07 2709 0	EL CAPITAN DAM	600	7	15S	02E	R	S	32.015	116.817	SAN DIEGO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1957	0.09	0.16	0.24	0.25	0.38	0.55	0.70	1.17	1.60	1.79	20.01
1958	0.22	0.28	0.36	0.41	0.48	0.76	1.01	1.23	1.69	2.25	18.25
1959	0.17	0.21	0.30	0.41	0.44	0.53	0.62	0.72	1.12	1.51	8.72
1960	0.15	0.17	0.20	0.22	0.33	0.59	0.79	1.13	1.25	1.30	12.85
1961	0.37	0.60	0.74	1.05	1.57	1.74	1.74	1.74	1.74	1.74	8.66
1962	0.19	0.21	0.24	0.28	0.34	0.55	0.70	1.12	1.81	2.13	13.24
1963	0.20	0.24	0.26	0.37	0.54	0.85	0.94	1.16	1.56	2.23	13.70
1964	0.15	0.20	0.23	0.29	0.29	0.51	0.56	0.74	1.08	1.30	11.45
1965	0.14	0.20	0.30	0.42	0.65	0.88	1.08	1.70	2.54	2.93	21.26
1966	0.35	0.64	0.88	1.13	1.20	1.37	1.67	1.77	3.13	5.52	18.51
1967	0.12	0.20	0.27	0.33	0.34	0.51	0.67	1.12	1.55	1.55	14.81
1968	*****	*****	*****	*****	0.40	0.50	0.60	0.80	1.00	1.20	6.30
1969	*****	*****	*****	*****	0.70	1.00	1.30	2.60	3.10	3.70	20.20
1970	*****	*****	*****	*****	0.50	0.70	0.80	1.20	1.30	1.90	12.80
1971	*****	*****	*****	*****	0.30	0.50	0.60	0.90	1.10	1.50	14.30
1972	*****	*****	*****	*****	0.70	0.80	0.80	1.00	1.20	1.20	9.20
1973	*****	*****	0.30	0.50	0.50	0.70	0.70	0.90	1.40	1.70	14.00
1974	*****	*****	0.30	0.40	0.60	0.90	1.20	1.60	1.80	2.20	13.80

PRECIPITATION DEPTH-DURATION-FREQUENCY TAPLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Z07 2709 0	EL CAPITAN DAM	600	7	15S	02E	R	S	32.015	116.817	SAN DIEGO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.17	0.25	0.31	0.41	0.50	0.68	0.80	1.10	1.46	1.83	12.96
5	0.26	0.38	0.47	0.62	0.76	1.03	1.22	1.67	2.22	2.79	18.35
10	0.32	0.47	0.59	0.77	0.94	1.28	1.52	2.08	2.76	3.46	21.81
20	0.38	0.56	0.70	0.92	1.12	1.53	1.80	2.47	3.28	4.12	25.04
25	0.40	0.58	0.74	0.96	1.18	1.60	1.89	2.60	3.44	4.33	26.04
40	0.44	0.64	0.81	1.06	1.30	1.76	2.08	2.86	3.79	4.76	26.53
50	0.46	0.67	0.84	1.11	1.35	1.84	2.17	2.98	3.95	4.96	29.06
100	0.52	0.76	0.95	1.25	1.52	2.07	2.45	3.36	4.45	5.59	31.98
200	0.58	0.84	1.06	1.39	1.69	2.30	2.72	3.73	4.95	6.21	34.83
1000	0.71	1.03	1.30	1.70	2.08	2.83	3.34	4.59	6.08	7.64	41.23
10000	0.90	1.30	1.64	2.15	2.63	3.57	4.23	5.79	7.68	9.65	50.03
PMP	1.64	2.38	2.99	3.92	4.79	6.51	7.70	10.56	14.00	17.59	101.38
MEAN	0.195	0.283	0.355	0.466	0.570	0.774	0.916	1.256	1.665	2.092	14.003
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.211	1.784	2.088	1.855	2.132	1.825	1.294	1.460	1.415	2.289	0.097
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.585 ; INTERCEPT (TIME=1 HOUR) =0.589 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.04206 : AVERAGE CALC CV / USED CV = 1.06

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.430	5.435	6.793	5.923	7.891	6.771	4.240	5.927	4.650	9.074	2.769
N	11	11	13	13	18	18	18	18	18	18	18
RECORD YEAR	1961	1966	1966	1966	1961	1961	1961	1969	1966	1966	1965
RECORD MAXIMUM	0.370	0.640	0.880	1.130	1.570	1.740	1.740	2.600	3.130	5.520	21.260
NORMILIZED MAX	1.955	2.102	2.524	2.304	3.029	2.913	2.308	2.853	2.277	3.215	1.685
CALC. COEF. VAR	0.457	0.601	0.585	0.618	0.579	0.428	0.390	0.375	0.386	0.510	0.307
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0140	0.0202	0.0254	0.0333	0.0407	0.0553	0.0654	0.0897	0.1189	0.1494	1.0000
RP10/A	0.0231	0.0334	0.0420	0.0551	0.0674	0.0916	0.1083	0.1485	0.1970	0.2474	1.5578
RP25/A	0.0289	0.0418	0.0525	0.0689	0.0842	0.1144	0.1352	0.1855	0.2459	0.3090	1.8593
RP50/A	0.0331	0.0479	0.0602	0.0790	0.0966	0.1312	0.1552	0.2128	0.2822	0.3545	2.0753
RP100/A	0.0373	0.0540	0.0679	0.0890	0.1088	0.1479	0.1748	0.2397	0.3179	0.3994	2.2840
RP1000/A	0.0510	0.0738	0.0927	0.1216	0.1487	0.2020	0.2389	0.3276	0.4344	0.5457	2.9441
RP10000/A	0.0644	0.0932	0.1171	0.1536	0.1879	0.2552	0.3017	0.4138	0.5487	0.6894	3.5729
PMP/A	0.1174	0.1698	0.2134	0.2800	0.3423	0.4651	0.5499	0.7540	0.9999	1.2562	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
Z07 3090 0	ELLINN SPRINGS 542	880						32.850	116.850	SAN DIEGO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
	DURATION										
1965	*****	*****	*****	0.47	0.68	0.76	0.79	1.12	1.44	1.70	9.82
1966	*****	*****	*****	0.38	0.71	0.89	1.08	1.41	2.15	3.15	15.16
1967	*****	*****	*****	0.32	0.53	1.05	1.10	1.40	1.82	2.59	15.42
1968	*****	*****	*****	0.42	0.45	0.70	0.88	1.20	1.45	1.78	6.38
1969	*****	*****	*****	0.36	0.67	0.91	1.33	2.11	2.62	3.24	18.23
1970	*****	*****	*****	0.19	0.32	0.60	0.77	1.00	1.17	1.83	8.18
1971	*****	*****	*****	0.25	0.46	0.66	0.96	1.44	1.51	1.65	6.99
1972	*****	*****	*****	0.26	0.26	0.47	0.60	0.75	0.77	1.38	7.30
1973	*****	*****	*****	0.30	0.46	0.62	0.75	1.00	1.16	1.20	13.21
1974	*****	*****	*****	0.31	0.38	0.50	0.66	1.13	1.46	2.06	8.66
1975	*****	*****	*****	0.35	0.51	0.57	0.82	1.13	1.21	2.12	9.98

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
Z07 3090 0	ELLINN SPRINGS 542	880						32.850	116.850	SAN DIEGO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.0	0.29	0.41	0.61	0.77	1.09	1.33	1.80	10.29
5	0.0	0.0	0.0	0.44	0.63	0.94	1.18	1.66	2.03	2.75	14.57
10	0.0	0.0	0.0	0.55	0.78	1.16	1.46	2.06	2.52	3.42	17.32
20	0.0	0.0	0.0	0.65	0.93	1.38	1.74	2.45	3.00	4.06	19.88
25	0.0	0.0	0.0	0.69	0.98	1.45	1.83	2.57	3.15	4.27	20.68
40	0.0	0.0	0.0	0.76	1.08	1.60	2.01	2.83	3.47	4.70	21.07
50	0.0	0.0	0.0	0.79	1.12	1.67	2.10	2.95	3.62	4.90	23.08
100	0.0	0.0	0.0	0.89	1.27	1.88	2.36	3.33	4.07	5.52	25.40
200	0.0	0.0	0.0	0.99	1.41	2.09	2.63	3.70	4.53	6.13	27.66
1000	0.0	0.0	0.0	1.21	1.73	2.57	3.23	4.55	5.57	7.54	32.74
10000	0.0	0.0	0.0	1.53	2.19	3.24	4.08	5.74	7.03	9.52	39.73
PMP	0.0	0.0	0.0	2.79	3.98	5.91	7.43	10.47	12.81	17.36	80.52
MEAN	0.0	0.0	0.0	0.332	0.474	0.703	0.884	1.245	1.524	2.064	11.121
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.034	0.345	0.651	0.836	1.413	0.944	0.786	0.672
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.452 ; INTERCEPT (TIME=1 HOUR) =0.481 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.04323 ; AVERAGE CALC CV / USED CV = 0.51

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	0.0	4.189	3.855	3.423	4.171	6.827	4.819	3.505	3.178
N	0	0	0	11	11	11	11	11	11	11	11
RECORD YEAR	0	0	0	1965	1966	1967	1969	1969	1969	1969	1969
RECORD MAXIMUM	0.0	0.0	0.0	0.470	0.710	1.050	1.330	2.110	2.620	3.240	18.230
NORMILIZED MAX	0.0	0.0	0.0	1.799	1.767	1.900	2.077	2.451	2.141	1.754	1.862
CALC. COEF. VAR	0.0	0.0	0.0	0.231	0.282	0.260	0.243	0.284	0.336	0.325	0.343
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0	0.0298	0.0426	0.0632	0.0795	0.1119	0.1370	0.1856	1.0000
RP10/A	0.0	0.0	0.0	0.0494	0.0706	0.1047	0.1316	0.1854	0.2270	0.3074	1.5578
RP25/A	0.0	0.0	0.0	0.0617	0.0881	0.1307	0.1644	0.2315	0.2834	0.3838	1.8593
RP50/A	0.0	0.0	0.0	0.0708	0.1011	0.1500	0.1886	0.2656	0.3251	0.4404	2.0753
RP100/A	0.0	0.0	0.0	0.0798	0.1139	0.1689	0.2124	0.2992	0.3663	0.4961	2.2840
RP1000/A	0.0	0.0	0.0	0.1090	0.1556	0.2308	0.2903	0.4088	0.5005	0.6779	2.9441
RP10000/A	0.0	0.0	0.0	0.1377	0.1966	0.2916	0.3667	0.5165	0.6323	0.8564	3.5729
PMP/A	0.0	0.0	0.0	0.2509	0.3582	0.5314	0.6682	0.9412	1.1522	1.5606	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
207 4412 0	JULIAN	4215	6	135	04E		S	33.083	116.600	SAN DIEGO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.59	1.16	1.70	3.09	5.76	6.55	40.59
1941	*****	*****	*****	*****	0.55	1.04	1.22	1.44	2.12	2.49	46.75
1942	*****	*****	*****	*****	0.78	0.93	1.54	1.97	2.25	2.50	19.38
1943	*****	*****	*****	*****	0.52	0.94	1.38	2.58	3.84	5.95	35.73
1944	*****	*****	*****	*****	0.64	1.07	1.48	2.02	2.96	4.29	32.79
1945	*****	*****	*****	*****	0.56	0.84	1.30	3.30	3.75	6.97	32.49
1946	*****	*****	*****	*****	0.98	1.78	2.73	3.55	3.64	3.85	29.35
1947	*****	*****	*****	*****	0.37	0.60	0.60	0.93	1.98	2.21	14.16
1948	*****	*****	*****	*****	0.29	0.52	0.77	1.33	1.96	2.73	19.89
1949	0.05	0.09	0.12	0.23	0.38	0.65	0.75	1.04	1.12	1.99	******
1950	0.13	0.18	0.25	0.26	0.30	0.56	0.79	1.37	1.63	2.25	******
1951	0.14	0.22	0.28	0.41	0.57	0.95	0.32	2.48	3.73	5.16	33.49
1952	0.13	0.24	0.31	0.46	0.83	0.95	0.95	1.10	1.66	2.22	34.59
1953	0.04	0.07	0.09	0.17	0.28	0.46	0.59	0.86	1.15	1.17	15.98
1954	0.25	0.46	0.65	0.70	0.73	0.75	0.78	1.10	1.57	2.65	30.28
1955	0.55	1.05	1.48	2.17	2.67	2.75	2.80	2.83	2.83	2.83	23.72
1956	0.05	0.09	0.12	0.20	0.35	0.44	0.57	0.99	1.73	2.10	15.98
1957	0.14	0.23	0.30	0.40	0.66	0.89	0.92	1.35	2.13	2.69	28.36
1958	0.12	0.22	0.30	0.40	0.70	1.17	1.48	2.07	3.07	3.53	32.99
1959	0.35	0.64	0.91	1.18	1.68	1.88	1.93	1.94	1.94	2.54	21.73
1960	0.15	0.26	0.36	0.55	0.74	1.18	1.19	1.20	1.34	1.34	16.47
1961	0.60	0.87	1.11	1.30	1.48	1.92	1.99	2.04	2.04	2.04	12.46
1962	0.05	0.09	0.12	0.19	0.27	0.49	0.67	1.10	1.60	1.98	15.67
1963	0.09	0.16	0.22	0.26	0.40	0.49	0.66	1.17	1.94	3.19	18.83
1964	0.05	0.09	0.12	0.17	0.27	0.40	0.57	0.84	1.11	1.48	17.52
1965	0.25	0.45	0.65	0.83	1.17	1.24	1.25	1.26	1.26	1.39	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
207 4412 0	JULIAN	4215	6	135	04E		S	33.083	116.600	SAN DIEGO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.16	0.28	0.38	0.51	0.72	0.93	1.08	1.54	2.04	2.63	23.70
5	0.25	0.42	0.58	0.78	1.10	1.42	1.65	2.35	3.11	4.01	33.56
10	0.31	0.53	0.72	0.96	1.36	1.76	2.05	2.92	3.87	4.98	39.91
20	0.36	0.63	0.86	1.14	1.62	2.09	2.44	3.47	4.60	5.91	45.80
25	0.38	0.66	0.90	1.20	1.70	2.20	2.56	3.65	4.83	6.21	47.63
40	0.42	0.72	0.99	1.32	1.87	2.42	2.82	4.01	5.31	6.83	48.53
50	0.44	0.76	1.03	1.38	1.95	2.52	2.94	4.19	5.54	7.13	53.16
100	0.49	0.85	1.16	1.55	2.20	2.84	3.31	4.72	6.24	8.03	58.51
200	0.55	0.95	1.29	1.73	2.44	3.16	3.68	5.24	6.94	8.92	63.72
1000	0.67	1.16	1.58	2.12	3.00	3.89	4.52	6.44	8.53	10.97	75.42
10000	0.85	1.47	2.01	2.68	3.80	4.91	5.71	8.14	10.78	13.86	91.53
PMP	1.55	2.68	3.66	4.89	6.92	8.95	10.40	14.83	19.64	25.26	185.47
MEAN	0.185	0.318	0.435	0.581	0.823	1.064	1.237	1.764	2.335	3.003	25.617
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	1.614	1.550	1.547	1.975	2.315	1.492	1.106	0.906	1.435	1.345	0.444
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.489 ; INTERCEPT (TIME=1 HOUR) =0.773 ; COEFFICIENT OF DETERMINATION = 0.976
1HR INTERCEPT / MEAN YR =0.03019 ; AVERAGE CALC CV / USED CV = 1.59

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	5.234	5.051	5.156	7.345	9.460	5.768	4.147	2.985	5.514	4.309	2.595
N	17	17	17	17	26	26	26	26	26	26	23
RECORD YEAR	1961	1955	1965	1955	1955	1955	1955	1946	1940	1945	1941
RECORD MAXIMUM	0.600	1.050	1.480	2.170	2.670	2.750	2.800	3.550	5.760	6.970	46.750
NORMILIZED MAX	2.450	2.537	2.622	2.979	3.026	2.795	2.333	2.172	3.068	2.517	2.224
CALC. COEF. VAR	0.918	0.907	0.917	0.918	0.742	0.567	0.541	0.466	0.478	0.525	0.371
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0072	0.0124	0.0170	0.0227	0.0321	0.0415	0.0483	0.0689	0.0912	0.1172	1.0000
RP10/A	0.0119	0.0206	0.0281	0.0376	0.0532	0.0688	0.0800	0.1141	0.1510	0.1942	1.5578
RP25/A	0.0149	0.0257	0.0351	0.0469	0.0664	0.0859	0.0999	0.1424	0.1885	0.2425	1.8593
RP50/A	0.0171	0.0295	0.0403	0.0538	0.0762	0.0986	0.1146	0.1634	0.2163	0.2782	2.0753
RP100/A	0.0193	0.0332	0.0454	0.0607	0.0858	0.1110	0.1291	0.1841	0.2437	0.3135	2.2840
RP1000/A	0.0263	0.0454	0.0620	0.0829	0.1173	0.1517	0.1764	0.2515	0.3330	0.4283	2.9441
RP10000/A	0.0333	0.0573	0.0783	0.1047	0.1482	0.1917	0.2229	0.3178	0.4207	0.5411	3.5729
PMP/A	0.0606	0.1045	0.1427	0.1908	0.2700	0.3492	0.4062	0.5790	0.7666	0.9860	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
Z07 4453 50	KEARNY MESA AOP	425	30	15S	02W	P	S	32.833	117.126	SAN DIEGO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	E-YR
1965	*****	*****	*****	*****	0.33	0.43	0.48	0.68	0.93	1.09	10.64
1966	*****	*****	*****	*****	0.40	0.70	0.83	1.25	1.80	2.88	14.30
1967	*****	*****	*****	*****	0.50	0.95	1.38	2.09	3.22	3.80	16.21
1968	*****	*****	*****	*****	0.47	0.75	0.82	0.90	1.29	1.41	7.53
1969	*****	*****	*****	*****	0.75	1.05	1.25	1.80	2.29	2.43	16.28
1970	*****	*****	*****	*****	0.90	1.77	2.32	2.94	2.95	3.41	8.74
1971	*****	*****	*****	*****	0.41	0.51	0.60	0.79	1.14	1.70	10.45
1972	*****	*****	*****	*****	0.40	0.50	0.60	0.70	0.90	1.30	6.51
1973	*****	*****	0.50	0.70	0.90	1.00	1.10	1.70	1.20	1.90	13.90
1974	*****	*****	0.50	0.50	0.50	0.50	0.50	0.90	0.90	1.80	8.20
1975	*****	*****	0.30	0.40	0.50	0.60	0.70	0.80	1.00	1.10	4.90

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
Z07 4453 50	KEARNY MESA AOP	425	30	15S	02W	P	S	32.833	117.126	SAN DIEGO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	E-YR
2	0.0	0.0	0.43	0.50	0.50	0.71	0.85	1.13	1.40	1.81	9.90
5	0.0	0.0	0.66	0.76	0.76	1.08	1.30	1.72	2.14	2.77	14.01
10	0.0	0.0	0.82	0.95	0.95	1.35	1.61	2.14	2.65	3.44	16.66
20	0.0	0.0	0.97	1.12	1.13	1.60	1.91	2.54	3.15	4.09	19.12
25	0.0	0.0	1.02	1.18	1.19	1.68	2.01	2.67	3.31	4.29	19.89
40	0.0	0.0	1.12	1.30	1.30	1.85	2.21	2.94	3.65	4.72	20.26
50	0.0	0.0	1.17	1.35	1.36	1.93	2.31	3.06	3.80	4.92	22.20
100	0.0	0.0	1.32	1.53	1.53	2.17	2.60	3.45	4.28	5.55	24.43
200	0.0	0.0	1.47	1.70	1.70	2.41	2.89	3.83	4.76	6.16	26.61
1000	0.0	0.0	1.80	2.08	2.09	2.97	3.55	4.71	5.85	7.58	31.69
10000	0.0	0.0	2.28	2.63	2.64	3.75	4.48	5.95	7.39	9.57	38.22
PMP	0.0	0.0	4.15	4.80	4.82	6.83	8.17	10.85	13.47	17.45	77.44
MEAN	0.0	0.0	0.494	0.571	0.573	0.812	0.971	1.290	1.602	2.075	10.696
CLOCK HR. COR.	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	1.047	1.688	1.750	1.503	1.119	0.803	0.195
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.737 ; INTERCEPT (TIME=1 HOUR) =0.672 ; COEFFICIENT OF DETERMINATION = 0.984
IMP INTERCEPT / MEAN YR =0.06287 : AVERAGE CALC CV / USED CV = 0.80

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	E-YR
KURTOSIS	0.0	0.0	0.0	0.0	3.482	6.894	6.984	5.423	3.639	3.277	2.593
N	0	0	3	3	11	11	11	11	11	11	11
RECORD YEAR	0	0	1973	1973	1970	1970	1970	1970	1967	1967	1969
RECORD MAXIMUM	0.0	0.0	0.500	0.700	0.900	1.770	2.320	2.940	3.220	3.800	16.280
NORMILIZED MAX	0.0	0.0	0.046	0.791	1.550	2.409	2.465	2.277	1.904	1.845	1.413
CALC. COEF. VAR	0.0	0.0	0.266	0.286	0.368	0.489	0.563	0.562	0.530	0.451	0.369
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0462	0.0534	0.0536	0.0759	0.0908	0.1206	0.1498	0.1939	1.0000
RP10/A	0.0	0.0	0.0765	0.0884	0.0887	0.1258	0.1504	0.1998	0.2481	0.3213	1.5578
RP25/A	0.0	0.0	0.0955	0.1104	0.1108	0.1571	0.1879	0.2495	0.3098	0.4012	1.8593
RP50/A	0.0	0.0	0.1096	0.1266	0.1271	0.1802	0.2155	0.2862	0.3554	0.4603	2.0753
RP100/A	0.0	0.0	0.1235	0.1426	0.1432	0.2030	0.2428	0.3225	0.4004	0.5186	2.2840
RP1000/A	0.0	0.0	0.1687	0.1949	0.1957	0.2774	0.3318	0.4406	0.5471	0.7085	2.9441
RP10000/A	0.0	0.0	0.2131	0.2462	0.2472	0.3505	0.4191	0.5566	0.6911	0.8951	3.5729
PMP/A	0.0	0.0	0.3884	0.4487	0.4505	0.6387	0.7638	1.0143	1.2594	1.6311	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Z08 4735 0	LA MESA ADP	528	19	16S	01W		S	32.767	117.017	SAN DIEGO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1970	*****	*****	0.20	0.30	0.40	0.60	0.70	1.00	1.20	1.60	4.80
1971	*****	*****	0.30	0.30	0.40	0.50	0.70	0.90	1.70	1.50	10.50
1972	*****	*****	0.20	0.20	0.20	0.30	0.50	0.60	0.70	0.70	6.20
1973	*****	*****	0.30	0.30	0.50	0.60	0.60	0.90	1.20	1.20	13.40
1974	*****	*****	0.20	0.30	0.40	0.50	0.60	0.80	1.40	1.50	7.90
1975	*****	*****	0.30	0.50	0.70	0.90	1.10	1.50	1.60	2.00	12.40

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Z08 4735 0	LA MESA ADP	528	19	16S	01W		S	32.767	117.017	SAN DIEGO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.25	0.30	0.39	0.51	0.62	0.83	1.06	1.24	8.51
5	0.0	0.0	0.38	0.45	0.60	0.77	0.94	1.27	1.62	1.89	12.05
10	0.0	0.0	0.47	0.56	0.75	0.96	1.17	1.57	2.02	2.35	14.33
20	0.0	0.0	0.56	0.67	0.89	1.14	1.39	1.87	2.40	2.79	16.45
25	0.0	0.0	0.59	0.70	0.93	1.20	1.46	1.97	2.52	2.93	17.11
40	0.0	0.0	0.65	0.77	1.03	1.32	1.61	2.16	2.77	3.22	17.43
50	0.0	0.0	0.68	0.80	1.07	1.37	1.68	2.25	2.89	3.36	19.09
100	0.0	0.0	0.76	0.91	1.20	1.55	1.89	2.54	3.25	3.79	21.01
200	0.0	0.0	0.85	1.01	1.34	1.72	2.10	2.82	3.61	4.21	22.88
1000	0.0	0.0	1.04	1.24	1.65	2.11	2.58	3.47	4.44	5.18	27.09
10000	0.0	0.0	1.32	1.56	2.08	2.67	3.26	4.38	5.62	6.54	32.87
PMP	0.0	0.0	2.40	2.85	3.79	4.86	5.95	7.99	10.23	11.91	66.61
MEAN	0.0	0.0	0.285	0.339	0.451	0.578	0.707	0.950	1.217	1.417	9.200
CLOCK HR. COR.	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.000	1.438	0.444	0.693	1.755	1.311	-0.843	-0.626	-0.039
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.632 ; INTERCEPT (TIME=1 HOUR) =0.456 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.04959 ; AVERAGE CALC CV / USED CV = 0.63

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	2.500	8.445	6.787	7.000	8.492	7.755	7.013	6.388	3.703
N	0	0	6	6	6	6	6	6	6	6	6
RECORD YEAR	0	0	1971	1975	1975	1975	1975	1975	1975	1975	1973
RECORD MAXIMUM	0.0	0.0	0.300	0.500	0.700	0.900	1.100	1.500	1.600	2.000	13.400
NORMILIZED MAX	0.0	0.0	0.240	1.532	1.468	1.605	1.855	1.823	1.280	1.339	1.216
CALC. COEF. VAR	0.0	0.0	0.219	0.310	0.377	0.347	0.300	0.318	0.246	0.307	0.375
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0310	0.0368	0.0490	0.0628	0.0768	0.1033	0.1322	0.1540	1.0000
RP10/A	0.0	0.0	0.0513	0.0610	0.0811	0.1041	0.1273	0.1711	0.2191	0.2551	1.5578
RP25/A	0.0	0.0	0.0641	0.0762	0.1013	0.1300	0.1590	0.2136	0.2735	0.3185	1.8593
RP50/A	0.0	0.0	0.0735	0.0874	0.1162	0.1491	0.1824	0.2451	0.3138	0.3654	2.0753
RP100/A	0.0	0.0	0.0828	0.0985	0.1310	0.1680	0.2055	0.2761	0.3536	0.4117	2.2840
RP1000/A	0.0	0.0	0.1132	0.1345	0.1790	0.2295	0.2807	0.3772	0.4831	0.5625	2.9441
RP10000/A	0.0	0.0	0.1430	0.1700	0.2261	0.2900	0.3547	0.4766	0.6103	0.7107	3.5729
PMP/A	0.0	0.0	0.2605	0.3097	0.4120	0.5284	0.6463	0.8684	1.1122	1.2950	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
ZOP 7740 0	SAN DIEGO AP NWS	19						32.733	117.167	SAN DIEGO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1891	*****	*****	*****	*****	0.45	0.65	0.80	1.03	1.33	1.33	8.99
1892	*****	*****	*****	*****	0.30	0.45	0.50	0.60	0.97	1.27	9.09
1893	*****	*****	*****	*****	0.37	0.60	0.75	1.20	1.82	2.11	10.29
1894	*****	*****	*****	*****	0.25	0.33	0.33	0.35	0.54	0.61	4.35
1895	*****	*****	*****	*****	0.43	0.60	0.63	0.99	1.73	2.16	11.33
1896	*****	*****	*****	*****	0.70	0.85	0.85	1.00	1.20	1.46	8.73
1897	*****	*****	*****	*****	0.53	0.73	0.83	0.88	1.10	1.60	8.93
1898	*****	*****	*****	*****	0.43	0.43	0.43	0.43	0.71	0.71	4.67
1899	*****	*****	*****	*****	0.48	0.88	1.03	1.23	1.33	1.34	6.08
1900	*****	*****	*****	*****	0.43	0.55	0.70	0.85	1.20	1.35	5.77
1901	*****	*****	*****	*****	0.85	0.95	1.00	1.30	1.80	2.59	9.49
1902	*****	*****	*****	*****	0.55	0.80	1.10	1.70	1.72	1.77	11.49
1903	0.15	0.18	0.28	0.50	0.50	0.50	0.52	0.74	0.80	1.05	6.09
1904	0.20	0.30	0.33	0.35	0.41	0.55	0.60	0.77	0.82	1.48	6.61
1905	0.33	0.41	0.58	0.94	0.95	0.95	0.95	1.22	1.68	1.74	16.36
1906	0.13	0.23	0.26	0.36	0.55	0.90	1.18	1.53	2.03	2.40	14.90
1907	0.10	0.13	0.19	0.24	0.30	0.59	0.70	0.77	1.03	1.07	7.95
1908	0.22	0.23	0.28	0.34	0.43	0.74	0.74	0.81	1.06	1.20	8.59
1909	0.16	0.22	0.23	0.42	0.47	0.59	0.78	1.29	1.45	1.68	14.14
1910	0.13	0.23	0.28	0.36	0.44	0.51	0.52	0.53	0.66	1.05	5.75
1911	0.15	0.18	0.25	0.43	0.54	0.75	0.90	1.11	1.66	2.17	11.77
1912	0.24	0.35	0.41	0.63	0.69	0.73	0.74	1.06	1.25	1.30	10.56
1913	0.14	0.20	0.28	0.39	0.48	0.57	0.72	0.95	1.09	1.19	7.30
1914	0.17	0.19	0.27	0.42	0.53	0.60	0.78	1.37	1.88	2.26	10.90
1915	0.25	0.33	0.36	0.49	0.55	0.77	0.90	1.55	1.86	2.29	13.62
1916	0.14	0.19	0.25	0.35	0.30	0.50	0.64	1.16	1.75	2.41	11.56
1917	0.10	0.15	0.16	0.23	0.29	0.34	0.40	0.64	1.22	1.52	8.04
1918	0.29	0.38	0.43	0.52	0.66	0.77	0.83	1.02	1.52	1.69	11.99
1919	0.10	0.15	0.20	0.27	0.39	0.57	0.69	0.93	1.05	1.11	6.76
1920	0.13	0.16	0.18	0.22	0.29	0.46	0.53	0.76	0.93	0.97	7.69
1921	0.30	0.47	0.52	0.80	0.96	1.09	1.19	1.60	2.06	3.00	17.55
1922	0.16	0.20	0.22	0.25	0.33	0.48	0.50	0.80	1.07	1.67	9.24
1923	0.12	0.16	0.20	0.28	0.32	0.46	0.50	0.72	0.83	1.02	6.52
1924	0.15	0.20	0.23	0.32	0.35	0.38	0.40	0.70	1.12	1.37	5.68
1925	0.20	0.28	0.32	0.40	0.58	0.80	0.90	1.13	1.95	3.74	9.91
1926	0.28	0.48	0.59	0.76	1.16	2.09	2.21	2.36	2.66	3.23	14.06
1927	0.27	0.49	0.63	0.76	0.83	1.05	1.10	1.21	1.84	2.25	16.43
1928	0.24	0.31	0.35	0.41	0.45	0.48	0.63	0.82	1.04	1.04	5.50
1929	0.07	0.08	0.10	0.19	0.30	0.32	0.32	0.42	0.58	0.69	4.14
1930	0.19	0.21	0.22	0.33	0.51	0.71	0.81	1.24	1.65	2.04	11.73
1931	0.21	0.32	0.42	0.51	0.58	0.80	0.83	1.08	1.88	1.99	15.16
1932	0.18	0.20	0.25	0.32	0.49	0.58	0.68	0.85	1.23	1.68	11.34
1933	0.19	0.34	0.44	0.72	0.90	1.02	1.22	1.53	1.56	1.89	8.17
1934	0.20	0.27	0.32	0.45	0.57	0.78	0.91	1.03	1.16	1.16	8.87
1935	0.26	0.36	0.39	0.54	0.66	0.79	0.87	0.91	1.40	2.01	10.20
1936	0.26	0.33	0.46	0.61	0.78	0.81	0.81	1.12	1.46	1.97	14.42
1937	0.17	0.27	0.30	0.50	0.86	1.13	1.25	2.07	2.63	2.90	10.09
1938	0.21	0.31	0.38	0.55	0.78	0.95	1.13	1.71	2.33	2.50	13.01
1939	0.25	0.47	0.65	0.72	0.75	0.75	0.76	0.83	0.83	0.94	9.97
1940	0.19	0.34	0.43	0.65	0.88	1.03	1.19	1.83	2.10	3.62	14.75
1941	0.22	0.31	0.44	0.60	0.80	1.16	1.29	1.59	2.15	2.22	24.93
1942	0.08	0.10	0.13	0.24	0.29	0.64	0.84	1.32	1.38	1.44	5.93
1943	0.19	0.25	0.32	0.42	0.52	0.96	1.30	2.00	2.11	2.82	17.74
1944	0.12	0.19	0.24	0.30	0.52	0.74	0.79	1.05	1.82	2.24	13.04
1945	0.10	0.16	0.23	0.35	0.51	0.84	1.05	1.44	2.03	3.07	9.23
1946	0.24	0.28	0.30	0.32	0.40	0.61	0.72	1.17	1.42	1.46	8.74
1947	0.31	0.32	0.38	0.50	0.59	0.72	0.74	0.86	1.35	1.65	6.28
1948	0.11	0.17	0.22	0.28	0.39	0.50	0.57	0.93	1.03	1.14	6.63
1949	0.16	0.22	0.27	0.38	0.51	0.65	0.70	0.93	1.10	1.30	8.87
1950	0.18	0.33	0.39	0.50	0.70	0.99	1.05	1.18	1.20	1.99	7.67
1951	0.15	0.23	0.24	0.28	0.34	0.60	0.73	1.21	1.78	2.04	11.22
1952	0.18	0.32	0.46	0.81	1.21	1.64	1.89	2.09	2.11	2.11	15.22
1953	0.14	0.17	0.24	0.33	0.40	0.43	0.45	0.47	0.49	0.65	3.41
1954	0.20	0.34	0.46	0.55	0.60	0.64	0.78	0.97	1.19	1.80	9.52
1955	0.19	0.31	0.49	0.68	0.78	1.06	1.09	1.16	1.25	1.31	6.91
1956	0.11	0.12	0.13	0.19	0.34	0.56	0.64	0.82	0.90	1.12	4.39
1957	0.18	0.34	0.35	0.37	0.61	0.70	0.71	0.98	1.21	1.29	12.13
1958	0.17	0.25	0.30	0.39	0.55	0.64	0.73	1.10	1.32	1.39	10.93
1959	0.11	0.17	0.19	0.27	0.37	0.58	0.59	0.74	0.95	1.47	5.88
1960	0.18	0.35	0.45	0.59	0.69	0.81	0.93	1.18	1.23	1.23	7.05
1961	0.19	0.26	0.30	0.36	0.58	0.72	0.73	0.86	0.97	1.09	4.61
1962	0.17	0.20	0.22	0.25	0.34	0.47	0.64	1.04	1.37	1.47	7.39
1963	0.21	0.29	0.34	0.42	0.52	0.69	0.75	1.02	1.23	1.49	7.72
1964	0.16	0.24	0.25	0.27	0.32	0.34	0.64	0.75	0.81	1.01	5.27
1965	0.21	0.40	0.54	0.85	1.36	1.77	1.78	1.82	1.87	2.21	19.03
1966	0.20	0.28	0.29	0.31	0.57	0.67	0.72	0.95	1.58	1.73	7.18
1967	0.32	0.51	0.62	0.81	0.95	1.11	1.13	1.21	1.57	1.57	11.21
1968	0.15	0.25	0.38	0.58	0.76	1.17	1.25	1.32	1.33	1.39	3.68
1969	0.10	0.19	0.28	0.40	0.56	0.69	1.01	1.42	1.81	2.10	11.76
1970	0.25	0.44	0.55	0.75	1.12	1.50	1.59	1.60	1.64	1.97	9.38
1971	0.19	0.26	0.29	0.41	0.60	0.78	0.79	0.79	1.01	1.12	8.68
1972	0.26	0.49	0.64	0.79	0.84	0.94	0.98	1.07	1.07	1.70	6.68
1973	0.23	0.29	0.32	0.37	0.43	0.53	0.56	0.58	0.64	0.71	7.47
1974	0.17	0.23	0.27	0.52	0.71	0.90	1.08	1.34	1.43	1.43	8.13
1975	0.10	0.15	0.20	0.32	0.59	1.02	1.19	1.26	1.44	1.73	8.36

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN OPER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
208 7740 0	SAN DIEGO AP NWS	19						32.733	117.167	SAN DIEGO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	0-YR
2	0.16	0.24	0.29	0.40	0.51	0.66	0.75	0.97	1.22	1.48	8.91
5	0.25	0.36	0.45	0.61	0.77	1.01	1.14	1.47	1.86	2.26	12.62
10	0.31	0.45	0.55	0.75	0.96	1.26	1.42	1.83	2.31	2.80	15.00
20	0.36	0.53	0.66	0.90	1.14	1.50	1.68	2.18	2.74	3.33	17.22
25	0.38	0.56	0.69	0.94	1.20	1.57	1.77	2.29	2.88	3.50	17.91
40	0.42	0.61	0.76	1.04	1.32	1.73	1.95	2.52	3.17	3.85	18.24
50	0.44	0.64	0.79	1.08	1.37	1.80	2.03	2.62	3.30	4.01	19.99
100	0.49	0.72	0.89	1.22	1.55	2.03	2.29	2.96	3.72	4.52	22.00
200	0.55	0.80	0.99	1.35	1.72	2.26	2.54	3.28	4.14	5.02	23.95
1000	0.68	0.99	1.22	1.66	2.12	2.78	3.12	4.04	5.09	6.18	28.35
10000	0.85	1.25	1.54	2.10	2.67	3.51	3.95	5.10	6.43	7.81	34.41
PMP	1.56	2.27	2.81	3.83	4.87	6.39	7.19	9.30	11.71	14.22	69.72
MEAN	0.185	0.270	0.334	0.456	0.579	0.760	0.855	1.105	1.392	1.691	9.631
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.389	0.564	0.741	0.766	1.155	1.718	1.472	0.781	0.399	0.769	1.078
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.579 ; INTERCEPT (TIME=1 HOUR) =0.570 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.05919 ; AVERAGE CALC CV / USED CV = 0.77

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	0-YR
KURTOSIS	2.737	2.931	3.031	2.801	4.410	7.634	6.628	3.895	2.914	3.492	4.931
N	73	73	73	73	85	85	85	85	85	85	85
RECORD YEAR	1905	1967	1939	1905	1965	1926	1926	1926	1926	1940	1941
RECORD MAXIMUM	0.330	0.510	0.650	0.940	1.360	2.090	2.210	2.360	2.660	3.620	24.930
NORMILIZED MAX	2.382	2.382	2.416	2.645	3.448	4.312	4.110	3.181	2.694	3.019	3.928
CALC. COEF. VAR	0.329	0.372	0.392	0.402	0.391	0.406	0.385	0.357	0.338	0.378	0.404
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0192	0.0280	0.0346	0.0473	0.0601	0.0789	0.0888	0.1148	0.1446	0.1756	1.0000
RP10/A	0.0318	0.0464	0.0574	0.0784	0.0996	0.1307	0.1471	0.1901	0.2395	0.2909	1.5578
RP25/A	0.0397	0.0580	0.0717	0.0979	0.1244	0.1632	0.1837	0.2374	0.2990	0.3632	1.8593
RP50/A	0.0456	0.0665	0.0822	0.1123	0.1427	0.1872	0.2108	0.2724	0.3431	0.4167	2.0753
RP100/A	0.0513	0.0750	0.0926	0.1265	0.1608	0.2109	0.2375	0.3069	0.3865	0.4695	2.2860
RP1000/A	0.0702	0.1024	0.1266	0.1729	0.2197	0.2882	0.3245	0.4193	0.5281	0.6415	2.9441
RP10000/A	0.0886	0.1294	0.1599	0.2184	0.2776	0.3641	0.4099	0.5297	0.6672	0.8104	3.5729
PMP/A	0.1615	0.2358	0.2914	0.3980	0.5058	0.6636	0.7470	0.9652	1.2158	1.4768	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
Z09 5965 70	MT LAGUNA S035	5880	13	15S	05E	J	S	32.872	116.419	SAN DIEGO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
	DURATION										
1968	*****	0.54	0.54	0.54	0.54	0.73	0.98	1.78	2.12	2.22	17.16
1969	*****	*****	0.67	0.69	0.70	0.70	0.95	1.58	2.33	2.65	21.21
1970	*****	*****	*****	0.40	0.55	0.99	1.48	1.70	2.41	3.68	16.11
1971	*****	*****	*****	0.97	1.50	1.63	1.63	1.64	1.64	1.89	14.70
1972	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	11.08

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
Z09 5965 70	MT LAGUNA S035	5880	13	15S	05E	J	S	32.872	116.419	SAN DIEGO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.53	0.57	0.72	0.89	1.10	1.46	1.86	2.28	14.85
5	0.0	0.0	0.81	0.87	1.10	1.35	1.68	2.23	2.83	3.48	21.03
10	0.0	0.0	1.00	1.08	1.36	1.68	2.09	2.77	3.52	4.32	25.01
20	0.0	0.0	1.19	1.28	1.62	1.99	2.48	3.30	4.18	5.14	28.70
25	0.0	0.0	1.25	1.34	1.70	2.09	2.61	3.46	4.40	5.40	29.85
40	0.0	0.0	1.38	1.48	1.87	2.30	2.87	3.81	4.84	5.94	30.41
50	0.0	0.0	1.44	1.54	1.95	2.40	2.99	3.98	5.04	6.19	33.31
100	0.0	0.0	1.62	1.74	2.20	2.71	3.37	4.48	5.68	6.98	36.66
200	0.0	0.0	1.80	1.93	2.44	3.01	3.74	4.98	6.31	7.75	39.93
1000	0.0	0.0	2.21	2.37	3.00	3.70	4.60	6.12	7.76	9.53	47.26
10000	0.0	0.0	2.79	3.00	3.80	4.67	5.82	7.73	9.81	12.05	57.35
PMP	0.0	0.0	5.09	5.47	6.92	8.52	10.60	14.09	17.87	21.95	116.22
MEAN	0.0	0.0	0.605	0.650	0.822	1.012	1.260	1.675	2.125	2.610	16.052
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.729	1.854	1.511	0.153	0.292	-1.328	1.121	0.110
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.704 ; INTERCEPT (TIME=1 HOUR) =0.852 ; COEFFICIENT OF DETERMINATION = 0.992
1HR INTERCEPT / MEAN YR =0.05309 ; AVERAGE CALC CV / USED CV = 0.72

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	0.0	10.940	13.555	12.376	6.760	10.249	11.893	11.651	7.459
N	0	1	2	4	4	4	4	4	4	4	5
RECORD YEAR	0	0	1969	1971	1971	1971	1971	1968	1970	1970	1969
RECORD MAXIMUM	0.0	0.0	0.670	0.970	1.500	1.630	1.630	1.780	2.410	3.680	21.210
NORMILIZED MAX	0.0	0.0	0.707	1.312	1.481	1.430	1.068	1.229	0.824	1.375	1.399
CALC. COEF. VAR	0.0	0.0	0.152	0.375	0.556	0.426	0.275	0.051	0.163	0.298	0.230
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0	0.0	0.0377	0.0405	0.0512	0.0631	0.0785	0.1043	0.1324	0.1626	1.0000
RP10/A	0.0	0.0	0.0624	0.0671	0.0849	0.1045	0.1300	0.1729	0.2193	0.2693	1.5578
RP25/A	0.0	0.0	0.0780	0.0838	0.1060	0.1305	0.1624	0.2158	0.2738	0.3363	1.8593
RP50/A	0.0	0.0	0.0894	0.0961	0.1216	0.1497	0.1863	0.2476	0.3142	0.3859	2.0753
RP100/A	0.0	0.0	0.1008	0.1083	0.1370	0.1686	0.2099	0.2790	0.3539	0.4347	2.2840
RP1000/A	0.0	0.0	0.1377	0.1479	0.1872	0.2304	0.2868	0.3812	0.4836	0.5940	2.9441
RP10000/A	0.0	0.0	0.1739	0.1869	0.2365	0.2911	0.3623	0.4816	0.6110	0.7504	3.5729
PMP/A	0.0	0.0	0.3170	0.3405	0.4309	0.5305	0.6601	0.8776	1.1133	1.3674	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Z10 5162 0	LOWER OTAY RESERVOIR	500	13	18S	01W	A	S	32.676	116.927	SAN DIEGO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1942	*****	*****	*****	*****	0.20	0.55	0.68	0.75	0.84	1.15	7.25
1943	*****	*****	*****	*****	0.67	0.79	0.80	1.10	1.51	2.24	14.38
1944	*****	*****	*****	*****	0.62	1.06	1.08	1.25	1.54	1.89	14.98
1945	*****	*****	*****	*****	0.89	1.31	1.65	2.15	2.31	3.51	11.41
1946	*****	*****	*****	*****	0.27	0.53	0.60	0.71	0.73	0.90	9.17
1947	*****	*****	*****	*****	0.51	0.74	0.84	0.89	0.96	1.05	4.83
1948	*****	*****	*****	*****	0.27	0.39	0.44	0.63	0.89	1.01	6.65
1949	*****	*****	*****	*****	0.40	0.76	1.07	1.61	1.87	2.20	10.38
1950	0.11	0.17	0.27	0.50	0.82	0.95	1.10	1.24	1.27	1.25	5.99
1951	0.34	0.45	0.46	0.46	0.47	0.61	0.84	1.20	1.50	2.04	13.15
1952	0.18	0.21	0.23	0.32	0.40	0.51	0.59	1.04	1.30	1.74	17.09
1953	0.04	0.06	0.07	0.12	0.19	0.22	0.31	0.39	0.47	0.63	4.30
1954	0.46	0.50	0.50	0.52	0.57	0.67	0.85	1.03	1.49	2.51	11.29
1955	0.09	0.18	0.27	0.48	0.73	0.85	0.96	1.01	1.08	1.20	9.28
1956	0.17	0.28	0.30	0.32	0.34	0.49	0.60	0.86	1.07	1.12	5.69
1957	0.19	0.21	0.22	0.28	0.31	0.56	0.65	1.03	1.42	1.61	14.40
1958	0.14	0.17	0.23	0.24	0.42	0.62	0.64	0.85	1.38	1.62	13.16
1959	0.14	0.17	0.19	0.25	0.37	0.45	0.51	0.56	0.69	0.81	7.10
1960	0.07	0.10	0.12	0.21	0.35	0.49	0.66	1.00	1.01	1.32	9.18
1961	0.12	0.14	0.15	0.18	0.34	0.48	0.57	0.61	0.67	0.95	5.39
1962	0.20	0.22	0.23	0.28	0.42	0.54	0.57	0.77	1.15	1.27	8.49
1963	0.12	0.15	0.17	0.21	0.30	0.49	0.70	0.86	0.95	1.10	5.10
1964	0.14	0.20	0.24	0.26	0.27	0.28	0.37	0.46	0.70	0.76	6.98
1965	0.20	0.25	0.29	0.36	0.48	0.78	1.08	1.27	2.04	2.69	17.75
1966	0.10	0.12	0.15	0.21	0.31	0.46	0.56	0.72	1.00	1.39	10.13
1967	0.15	0.23	0.31	0.43	0.59	0.65	0.70	1.30	1.47	1.50	11.63
1968	0.09	0.14	0.17	0.20	0.30	0.46	0.50	0.50	0.53	0.67	******
1969	*****	*****	*****	*****	0.40	0.60	0.90	1.20	1.70	2.10	11.10
1970	*****	*****	*****	*****	0.60	0.70	0.80	1.10	1.30	1.50	10.50
1971	*****	*****	*****	*****	0.30	0.50	0.60	0.70	0.90	1.00	7.00
1972	*****	*****	*****	*****	0.60	0.70	0.80	1.00	1.00	1.10	7.90
1973	*****	*****	0.30	0.40	0.40	0.60	0.60	0.70	0.90	0.90	9.90
1974	*****	*****	0.20	0.20	0.30	0.50	0.60	0.90	1.20	1.30	8.60

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Z10 5162 0	LOWER OTAY RESERVOIR	500	13	18S	01W	A	S	32.676	116.927	SAN DIEGO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.18	0.21	0.27	0.38	0.54	0.64	0.83	1.03	1.27	9.08
5	0.21	0.28	0.32	0.41	0.59	0.82	0.98	1.27	1.57	1.94	12.86
10	0.27	0.34	0.40	0.51	0.73	1.02	1.22	1.58	1.95	2.41	15.29
20	0.32	0.41	0.48	0.60	0.87	1.21	1.45	1.87	2.32	2.87	17.55
25	0.33	0.43	0.50	0.63	0.91	1.27	1.52	1.97	2.43	3.01	18.25
40	0.37	0.47	0.55	0.70	1.00	1.40	1.68	2.16	2.68	3.31	18.60
50	0.38	0.49	0.57	0.73	1.04	1.46	1.75	2.26	2.79	3.45	20.37
100	0.43	0.56	0.65	0.82	1.18	1.64	1.97	2.54	3.15	3.89	22.42
200	0.48	0.62	0.72	0.91	1.31	1.83	2.19	2.83	3.50	4.32	24.42
1000	0.59	0.76	0.88	1.12	1.61	2.25	2.69	3.47	4.30	5.32	28.90
10000	0.74	0.96	1.11	1.41	2.03	2.84	3.40	4.39	5.43	6.72	35.08
PMP	1.35	1.75	2.03	2.58	3.70	5.17	6.20	8.00	9.90	12.24	71.08
MEAN	0.161	0.208	0.241	0.306	0.440	0.615	0.737	0.951	1.177	1.455	9.817
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.970	1.640	1.017	0.500	1.009	1.188	1.363	1.215	0.665	1.306	0.555
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.570 ; INTERCEPT (TIME=1 HOUR) =0.446 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.04540 ; AVERAGE CALC CV / USED CV = 0.87

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	7.813	6.189	4.894	2.461	3.609	5.719	6.394	6.192	3.555	5.026	3.001
N	19	19	21	21	33	33	33	33	33	33	32
RECORD YEAR	1954	1954	1954	1954	1945	1945	1945	1945	1945	1945	1965
RECORD MAXIMUM	0.460	0.500	0.500	0.520	0.890	1.310	1.650	2.150	2.310	3.510	17.750
NORMALIZED MAX	3.083	2.701	2.545	1.818	2.634	3.233	3.482	3.416	2.649	3.175	2.289
CALC. COEF. VAR	0.605	0.520	0.421	0.384	0.389	0.350	0.356	0.369	0.363	0.445	0.353
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0164	0.0212	0.0246	0.0312	0.0448	0.0626	0.0751	0.0969	0.1199	0.1483	1.0000
RP10/A	0.0271	0.0351	0.0407	0.0517	0.0742	0.1037	0.1244	0.1605	0.1986	0.2456	1.5578
RP25/A	0.0338	0.0438	0.0509	0.0645	0.0926	0.1295	0.1553	0.2004	0.2480	0.3067	1.8593
RP50/A	0.0388	0.0503	0.0584	0.0740	0.1063	0.1486	0.1781	0.2299	0.2845	0.3518	2.0753
RP100/A	0.0437	0.0566	0.0658	0.0834	0.1198	0.1675	0.2007	0.2591	0.3205	0.3964	2.2840
RP1000/A	0.0597	0.0774	0.0898	0.1139	0.1636	0.2288	0.2742	0.3540	0.4380	0.5416	2.9441
RP10000/A	0.0755	0.0977	0.1135	0.1439	0.2067	0.2890	0.3465	0.4472	0.5533	0.6842	3.5729
PMP/A	0.1375	0.1781	0.2068	0.2623	0.3767	0.5267	0.6313	0.8149	1.0083	1.2468	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Z11 5R40 0	MORENA DAM	3080	24	17S	04E	A	S	32.686	116.522	SAN DIEGO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.59	1.05	1.63	2.52	3.88	5.85	25.53
1941	*****	*****	*****	*****	0.85	0.90	0.90	0.99	1.46	1.99	34.85
1942	*****	*****	*****	*****	0.58	0.99	1.24	1.50	1.91	2.53	13.55
1943	*****	*****	*****	*****	0.71	1.26	1.71	2.99	4.07	5.06	27.95
1944	*****	*****	*****	*****	0.46	0.78	0.98	1.32	2.08	3.06	25.52
1945	*****	*****	*****	*****	1.14	1.20	1.23	1.96	2.97	5.21	23.12
1946	*****	*****	*****	*****	0.39	0.51	0.61	0.85	0.88	1.71	17.02
1947	*****	*****	*****	*****	0.28	0.38	0.44	0.98	0.98	1.23	7.87
1948	*****	*****	*****	*****	0.46	0.56	0.65	0.98	1.31	1.63	10.87
1949	0.06	0.11	0.14	0.22	0.35	0.54	0.70	0.97	1.38	1.46	16.39
1950	0.11	0.11	0.12	0.16	0.27	0.45	0.62	0.90	0.94	1.05	8.65
1951	0.42	0.52	0.62	0.80	0.89	0.99	1.05	1.77	2.03	2.84	21.40
1952	0.08	0.16	0.18	0.24	0.35	0.61	0.80	1.06	1.58	2.08	23.32
1953	0.11	0.19	0.24	0.34	0.49	0.59	0.59	0.82	0.83	1.66	9.19
1954	0.09	0.10	0.11	0.17	0.30	0.58	0.64	1.08	1.60	2.55	18.74
1955	0.26	0.30	0.50	0.96	0.98	0.98	0.98	0.98	1.05	1.55	14.39
1956	0.12	0.30	0.30	0.48	0.50	0.66	0.91	1.00	1.00	1.45	7.65
1957	0.11	0.13	0.16	0.30	0.37	0.54	0.66	0.98	1.49	2.08	20.17
1958	0.14	0.22	0.29	0.39	0.39	0.57	0.80	1.23	1.72	2.44	20.03
1959	0.22	0.28	0.29	0.38	0.51	0.68	0.78	1.02	1.26	1.73	11.91
1960	0.11	0.19	0.25	0.41	0.55	0.62	0.79	1.09	1.48	1.60	14.99
1961	0.20	0.21	0.22	0.26	0.30	0.39	0.56	0.78	0.88	1.10	6.74
1962	0.07	0.09	0.10	0.18	0.30	0.50	0.65	1.10	1.77	2.50	13.92
1963	0.24	0.42	0.48	0.63	0.66	0.81	0.94	1.25	1.30	1.79	15.55
1964	0.04	0.06	0.09	0.15	0.25	0.48	0.61	0.86	1.39	1.68	14.67
1965	0.05	0.10	0.14	0.28	0.49	0.78	1.08	2.10	3.46	5.29	24.91
1966	0.15	0.28	0.31	0.44	0.51	0.68	0.94	1.46	2.04	3.17	15.88
1967	0.30	0.42	0.58	0.66	0.78	0.82	0.82	1.12	1.35	1.35	17.63
1968	*****	*****	*****	*****	0.40	0.70	0.80	1.20	1.30	1.70	9.60
1969	*****	*****	*****	*****	0.40	0.60	0.70	0.80	1.40	1.60	22.30
1970	*****	*****	*****	*****	0.50	0.70	0.90	1.30	1.50	2.30	16.90
1971	*****	*****	*****	*****	0.30	0.40	0.50	0.90	1.20	1.60	15.70
1972	*****	*****	*****	*****	0.50	0.60	0.70	0.80	1.10	1.40	10.90
1973	*****	*****	0.20	0.30	0.40	0.60	0.70	1.20	2.10	2.50	18.40
1974	*****	*****	*****	*****	0.60	0.60	0.70	1.20	1.70	2.10	14.80

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
Z11 5R40 0	MORENA DAM	3080	24	17S	04E	A	S	32.686	116.522	SAN DIEGO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.19	0.23	0.34	0.44	0.60	0.73	1.08	1.46	2.02	15.62
5	0.20	0.29	0.35	0.52	0.68	0.92	1.12	1.64	2.22	3.08	22.12
10	0.25	0.37	0.44	0.64	0.84	1.14	1.39	2.04	2.76	3.83	26.31
20	0.30	0.43	0.52	0.76	1.00	1.36	1.65	2.43	3.29	4.55	30.19
25	0.31	0.46	0.55	0.80	1.05	1.42	1.73	2.55	3.45	4.78	31.40
40	0.34	0.50	0.61	0.88	1.16	1.57	1.91	2.80	3.80	5.26	34.99
50	0.36	0.52	0.63	0.92	1.21	1.63	1.99	2.93	3.96	5.48	35.04
100	0.41	0.59	0.71	1.04	1.36	1.84	2.24	3.30	4.46	6.18	38.57
200	0.45	0.66	0.79	1.15	1.51	2.05	2.46	3.66	4.96	6.86	42.00
1000	0.55	0.81	0.97	1.42	1.86	2.52	3.06	4.50	6.09	8.44	49.72
10000	0.70	1.02	1.23	1.79	2.35	3.18	3.86	5.69	7.70	10.66	60.33
PMP	1.27	1.85	2.24	3.26	4.28	5.79	7.04	10.37	14.03	19.42	122.26
MEAN	0.152	0.221	0.266	0.387	0.509	0.689	0.837	1.233	1.668	2.310	16.886
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.312	0.886	1.056	1.262	1.267	0.962	1.554	2.088	1.810	1.774	0.606
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.530 ; INTERCEPT (TIME=1 HOUR) =0.507 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.03004 ; AVERAGE CALC CV / USED CV = 1.01

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.915	3.491	3.507	4.450	4.567	3.630	5.954	7.599	6.140	5.574	3.554
N	19	19	20	20	35	35	35	35	35	35	35
RECORD YEAR	1951	1951	1951	1955	1945	1943	1943	1943	1943	1940	1941
RECORD MAXIMUM	0.420	0.520	0.620	0.960	1.140	1.260	1.710	2.990	4.070	5.850	34.850
NORMILIZED MAX	2.719	2.323	2.203	2.479	2.976	2.591	3.102	3.543	3.011	2.875	2.794
CALC. COEF. VAR	0.651	0.585	0.604	0.573	0.417	0.320	0.336	0.402	0.478	0.533	0.381
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0090	0.0131	0.0158	0.0229	0.0301	0.0408	0.0496	0.0730	0.0988	0.1368	1.0000
RP10/A	0.0149	0.0216	0.0261	0.0380	0.0499	0.0675	0.0822	0.1209	0.1637	0.2266	1.5578
RP25/A	0.0186	0.0270	0.0326	0.0475	0.0623	0.0843	0.1026	0.1510	0.2044	0.2829	1.8593
RP50/A	0.0213	0.0310	0.0374	0.0545	0.0715	0.0968	0.1177	0.1732	0.2345	0.3246	2.0753
RP100/A	0.0240	0.0349	0.0421	0.0614	0.0805	0.1090	0.1326	0.1952	0.2641	0.3657	2.2840
RP1000/A	0.0328	0.0477	0.0575	0.0838	0.1100	0.1490	0.1812	0.2667	0.3609	0.4997	2.9441
RP10000/A	0.0414	0.0603	0.0727	0.1059	0.1390	0.1882	0.2289	0.3369	0.4560	0.6313	3.5729
PMP/A	0.0755	0.1098	0.1325	0.1930	0.2533	0.3429	0.4171	0.6139	0.8309	1.1503	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E00 8376 0	SOUTH EAST FARALLON	27						37.700	123.000	SAN FRANCISCO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1904	*****	*****	*****	*****	0.41	0.65	0.82	1.34	1.92	2.77	24.55
1905	*****	*****	*****	*****	0.48	0.54	0.64	0.85	1.02	1.22	16.54
1906	*****	*****	*****	*****	0.23	0.37	0.52	0.72	1.29	1.68	18.72
1907	*****	*****	*****	*****	0.34	0.57	0.73	1.13	1.29	1.63	18.80
1908	*****	*****	*****	*****	0.35	0.58	0.77	0.79	0.82	0.86	14.90
1909	*****	*****	*****	*****	0.35	0.54	0.68	1.06	1.37	1.40	24.68
1910	*****	*****	*****	*****	0.28	0.46	0.53	0.73	0.83	1.34	10.42
1911	*****	*****	*****	*****	0.33	0.44	0.50	0.68	1.10	1.38	16.46
1912	*****	*****	*****	*****	0.31	0.46	0.59	0.89	1.58	1.75	13.31
1941	0.10	0.16	0.24	0.45	0.89	1.32	1.39	2.18	2.29	2.30	12.22
1942	0.16	0.32	0.43	0.53	0.73	0.87	1.02	1.20	1.25	1.30	16.24
1943	0.15	0.20	0.26	0.30	0.39	0.65	0.76	0.93	0.95	1.00	14.18
1944	0.42	0.42	0.43	0.43	0.43	0.44	0.51	0.68	1.00	1.52	13.74
1945	0.37	0.50	0.70	0.87	0.99	1.19	1.21	1.25	1.68	1.73	15.72
1946	0.08	0.11	0.13	0.20	0.35	0.41	0.45	0.51	0.51	0.83	10.42
1947	0.15	0.21	0.26	0.39	0.44	0.55	0.70	1.01	1.08	1.10	11.80
1948	0.13	0.22	0.26	0.31	0.48	0.73	0.90	0.96	1.08	1.37	13.75
1949	0.12	0.13	0.16	0.26	0.33	0.41	0.49	0.70	1.03	1.08	12.03
1950	0.11	0.18	0.23	0.31	0.48	0.56	0.65	1.19	1.59	2.14	21.50
1951	0.21	0.26	0.29	0.39	0.58	0.89	1.06	1.24	1.30	1.30	14.16
1952	0.17	0.25	0.34	0.65	0.98	1.22	1.30	1.78	1.92	1.98	23.40
1953	0.10	0.19	0.29	0.32	0.47	0.62	0.72	0.83	1.03	1.33	10.29
1954	0.16	0.19	0.22	0.29	0.45	0.75	0.92	1.62	2.84	3.12	18.18
1955	0.19	0.30	0.34	0.43	0.62	0.97	1.02	1.11	1.65	3.13	17.86
1956	0.12	0.17	0.22	0.31	0.47	0.48	0.69	1.20	2.11	2.90	12.59
1957	0.12	0.13	0.19	0.29	0.50	0.60	0.65	0.95	1.49	1.82	114.81
1958	0.25	0.29	0.35	0.57	0.86	1.00	1.01	1.04	1.27	1.76	18.11
1959	0.10	0.15	0.23	0.29	0.45	0.80	0.99	1.58	2.01	2.06	10.17
1960	0.10	0.11	0.14	0.20	0.34	0.55	0.65	0.75	0.81	1.05	13.21
1961	0.18	0.26	0.39	0.49	0.66	1.13	1.28	1.58	1.88	1.93	12.47
1962	0.10	0.15	0.20	0.31	0.37	0.58	0.77	1.08	1.60	2.37	15.31
1963	0.26	0.52	0.64	0.76	0.86	1.12	1.21	1.52	1.64	2.49	14.99
1964	0.17	0.22	0.27	0.38	0.72	0.91	1.07	1.46	1.72	1.86	13.99
1965	0.15	0.17	0.17	0.32	0.37	0.58	0.72	0.99	1.19	1.38	14.03
1966	0.14	0.23	0.28	0.33	0.43	0.67	0.92	1.10	1.73	1.82	15.80
1967	0.12	0.20	0.24	0.33	0.50	0.60	0.67	0.95	1.63	2.42	17.12
1968	0.18	0.25	0.25	0.27	0.35	0.50	0.78	1.01	1.38	1.39	17.50
1969	0.12	0.16	0.20	0.30	0.43	0.76	0.87	1.10	1.38	1.89	19.70
1970	0.19	0.26	0.30	0.36	0.53	0.95	1.12	1.46	1.66	1.84	17.84
1971	0.06	0.09	0.12	0.14	0.16	0.24	0.39	0.66	0.85	0.87	9.83
1972	0.02	0.04	0.06	0.12	0.21	0.24	0.31	0.38	0.47	0.77	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E00 8376 0	SOUTH EAST FARALLON	27						37.700	123.000	SAN FRANCISCO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.20	0.25	0.34	0.44	0.62	0.74	0.99	1.28	1.56	17.54
5	0.20	0.28	0.36	0.48	0.63	0.88	1.04	1.39	1.80	2.20	22.87
10	0.24	0.34	0.42	0.57	0.75	1.05	1.24	1.66	2.15	2.62	25.95
20	0.28	0.39	0.49	0.66	0.86	1.21	1.43	1.91	2.48	3.03	28.66
25	0.29	0.41	0.51	0.69	0.90	1.26	1.49	1.99	2.58	3.15	29.47
40	0.31	0.44	0.55	0.74	0.97	1.36	1.61	2.16	2.80	3.41	31.12
50	0.32	0.46	0.57	0.77	1.01	1.41	1.67	2.24	2.90	3.54	31.87
100	0.36	0.50	0.63	0.85	1.11	1.56	1.85	2.47	3.20	3.91	34.11
200	0.39	0.55	0.69	0.93	1.22	1.71	2.02	2.70	3.50	4.28	36.24
1000	0.47	0.66	0.83	1.11	1.45	2.04	2.41	3.23	4.18	5.11	40.85
10000	0.57	0.81	1.01	1.37	1.78	2.50	2.96	3.96	5.13	6.27	46.90
PMP	1.10	1.55	1.94	2.62	3.42	4.79	5.67	7.59	9.84	12.01	107.84
MEAN	0.156	0.220	0.276	0.372	0.485	0.680	0.804	1.078	1.396	1.704	18.033
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.664	1.289	1.572	1.379	1.067	0.712	0.386	0.746	0.529	0.663	5.795
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.548 ; INTERCEPT (TIME=1 HOUR) =0.496 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.02750 ; AVERAGE CALC CV / USED CV = 1.09

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	6.935	5.251	6.517	5.502	3.741	3.028	2.670	4.096	3.948	3.097	37.713
N	32	32	32	32	41	41	41	41	41	41	40
RECORD YEAR	1944	1963	1945	1945	1945	1941	1941	1941	1954	1955	1957
RECORD MAXIMUM	0.420	0.520	0.700	0.870	0.990	1.320	1.390	2.180	2.840	3.130	114.810
NORMILIZED MAX	3.278	2.814	3.165	3.059	2.479	2.400	2.216	3.032	2.991	2.313	5.995
CALC. COEF. VAR	0.515	0.485	0.486	0.438	0.419	0.392	0.328	0.337	0.346	0.362	0.895
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0087	0.0122	0.0153	0.0206	0.0269	0.0377	0.0446	0.0598	0.0774	0.0945	1.0000
RP10/A	0.0133	0.0188	0.0236	0.0317	0.0414	0.0581	0.0687	0.0920	0.1192	0.1455	1.4393
RP25/A	0.0160	0.0226	0.0283	0.0381	0.0498	0.0698	0.0825	0.1105	0.1432	0.1748	1.6342
RP50/A	0.0180	0.0253	0.0317	0.0428	0.0558	0.0783	0.0925	0.1240	0.1606	0.1961	1.7672
RP100/A	0.0199	0.0280	0.0351	0.0473	0.0617	0.0866	0.1023	0.1371	0.1776	0.2168	1.8917
RP1000/A	0.0260	0.0366	0.0459	0.0618	0.0807	0.1131	0.1337	0.1791	0.2320	0.2833	2.2652
RP10000/A	0.0318	0.0448	0.0562	0.0758	0.0989	0.1387	0.1640	0.2197	0.2846	0.3474	2.6007
PMP/A	0.0610	0.0859	0.1078	0.1453	0.1896	0.2658	0.3142	0.4211	0.5454	0.6658	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
85N ORDER SUB										
E70 7772 0	SAN FRANCISCO FOR NWS	52						37.783	122.417	SAN FRANCISCO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1890	*****	*****	*****	*****	*****	*****	1.11	1.51	1.66	2.02	25.43
1891	*****	*****	*****	*****	*****	*****	0.60	0.82	1.62	3.10	21.11
1892	*****	*****	*****	*****	*****	*****	0.80	0.90	1.35	2.39	22.08
1893	*****	*****	*****	*****	*****	*****	0.65	1.14	1.35	1.80	17.96
1894	*****	*****	*****	*****	*****	*****	0.76	1.20	1.93	2.48	24.32
1895	*****	*****	*****	*****	*****	*****	0.56	0.86	1.58	1.93	17.13
1896	*****	*****	*****	*****	*****	*****	1.08	1.48	2.14	2.72	28.25
1897	*****	*****	*****	*****	*****	*****	0.70	1.11	1.39	1.66	16.40
1898	*****	*****	*****	*****	*****	*****	0.52	0.76	1.06	1.23	9.31
1899	*****	*****	*****	*****	*****	*****	0.89	1.37	1.91	2.16	23.23
1900	*****	*****	*****	*****	*****	*****	0.76	1.28	1.54	1.90	15.33
1901	*****	*****	*****	*****	*****	*****	1.19	1.61	1.94	1.95	19.75
1902	*****	*****	*****	*****	*****	*****	0.59	0.99	1.32	1.39	19.18
1903	*****	*****	*****	*****	*****	*****	0.80	1.01	1.44	2.39	18.33
1904	*****	*****	*****	*****	*****	*****	1.59	2.25	2.81	3.58	24.72
1905	*****	*****	*****	*****	*****	*****	0.72	0.94	1.02	1.27	16.24
1906	*****	*****	*****	*****	*****	*****	0.91	1.41	1.76	2.47	26.34
1907	0.15	0.19	0.23	0.32	0.41	0.57	0.70	0.99	1.33	1.82	22.47
1908	0.15	0.20	0.22	0.22	0.34	0.53	0.70	1.16	1.57	2.10	16.46
1909	0.17	0.20	0.22	0.27	0.39	0.61	0.73	1.02	1.37	1.87	31.32
1910	0.13	0.20	0.22	0.27	0.35	0.56	0.63	0.74	0.89	1.17	12.38
1911	0.11	0.20	0.28	0.45	0.68	0.93	1.03	1.10	1.57	2.48	26.00
1912	0.25	0.28	0.53	0.83	1.07	1.24	1.36	1.44	1.73	2.09	15.62
1913	0.21	0.21	0.26	0.41	0.62	0.79	0.90	1.18	1.64	2.21	19.05
1914	0.22	0.28	0.34	0.45	0.69	0.93	0.97	1.24	1.86	2.24	24.04
1915	0.23	0.36	0.47	0.54	0.57	0.81	0.83	1.52	1.86	3.40	28.27
1916	*****	*****	*****	*****	*****	0.74	1.02	1.61	2.43	3.52	28.09
1917	0.08	0.11	0.14	0.18	0.26	0.41	0.47	0.76	1.24	1.36	9.00
1918	0.28	0.51	0.65	0.81	0.92	0.95	0.95	1.23	1.77	2.25	28.85
1919	0.16	0.20	0.26	0.41	0.54	0.82	1.09	1.48	2.15	3.36	19.04
1920	0.18	0.24	0.29	0.40	0.51	0.68	0.78	1.13	1.90	2.02	18.28
1921	0.18	0.27	0.33	0.40	0.63	0.72	0.91	1.46	2.27	2.65	19.71
1922	0.17	0.19	0.21	0.33	0.53	0.84	0.94	1.16	1.63	2.09	25.71
1923	0.07	0.09	0.11	0.21	0.38	0.64	0.70	1.00	1.70	2.05	10.99
1924	0.10	0.14	0.21	0.39	0.70	1.09	1.27	1.65	1.64	3.44	20.17
1925	0.12	0.20	0.28	0.37	0.61	0.80	0.91	1.06	1.37	1.77	23.10
1926	0.33	0.47	0.54	0.59	0.74	0.82	0.84	1.38	1.41	2.38	26.73
1927	0.22	0.28	0.29	0.43	0.55	0.91	1.05	1.25	1.39	1.76	24.29
1928	0.21	0.23	0.24	0.28	0.35	0.61	0.76	1.11	1.92	2.01	18.99
1929	0.17	0.22	0.31	0.31	0.38	0.61	0.66	0.93	1.15	1.29	10.00
1930	0.20	0.31	0.38	0.49	0.61	0.84	0.94	1.18	1.18	1.68	16.71
1931	0.28	0.17	0.38	0.43	0.70	0.79	0.85	1.35	2.08	2.69	22.86
1932	0.15	0.20	0.27	0.34	0.38	0.57	0.68	0.86	1.07	1.23	12.00
1933	0.11	0.20	0.27	0.34	0.45	0.64	0.72	0.89	1.06	1.39	16.99
1934	0.18	0.29	0.42	0.65	0.85	0.94	0.97	1.33	1.39	1.50	15.93
1935	0.14	0.17	0.20	0.25	0.48	0.70	0.73	0.99	1.33	1.76	20.64
1936	0.16	0.27	0.32	0.37	0.57	0.79	0.91	1.20	1.94	3.07	22.39
1937	0.13	0.16	0.18	0.23	0.39	0.56	0.69	1.04	1.25	1.93	25.79
1938	0.21	0.29	0.33	0.37	0.51	0.60	0.68	1.00	1.29	1.57	22.24
1939	0.11	0.16	0.20	0.29	0.64	0.77	0.91	1.25	1.68	1.83	11.16
1940	0.23	0.37	0.41	0.38	0.63	0.64	0.80	1.22	2.07	3.64	34.80
1941	0.26	0.38	0.46	0.67	0.72	0.92	0.76	1.47	1.79	2.22	35.19
1942	0.14	0.20	0.22	0.25	0.36	0.62	0.84	1.24	2.11	2.38	24.87
1943	0.21	0.21	0.23	0.31	0.40	0.51	0.76	0.97	1.27	1.85	17.67
1944	0.16	0.19	0.24	0.38	0.59	0.94	1.06	1.29	1.31	1.83	25.55
1945	0.12	0.15	0.17	0.32	0.51	0.77	0.97	1.76	2.50	3.14	24.95
1946	0.13	0.16	0.22	0.40	0.51	0.61	0.70	1.03	1.31	1.73	12.34
1947	0.22	0.40	0.51	0.76	1.01	1.15	1.21	1.45	1.47	1.91	14.44
1948	0.10	0.18	0.18	0.24	0.33	0.48	0.62	0.75	1.02	1.63	16.53
1949	0.15	0.27	0.32	0.38	0.47	0.78	0.80	1.13	1.44	1.55	16.15
1950	0.27	0.41	0.53	0.57	0.69	0.79	0.90	1.13	1.33	2.42	26.34
1951	0.16	0.28	0.36	0.47	0.76	1.05	1.24	1.44	1.53	1.78	22.89
1952	0.19	0.29	0.41	0.49	0.57	0.86	1.16	1.49	1.55	2.00	31.54
1953	0.09	0.17	0.23	0.31	0.41	0.67	0.84	1.47	2.01	2.36	12.65
1954	0.14	0.22	0.25	0.34	0.36	0.56	0.70	0.98	1.39	1.80	19.85
1955	0.13	0.17	0.23	0.33	0.46	0.73	0.86	1.30	1.54	2.57	20.97
1956	0.18	0.23	0.26	0.34	0.49	0.95	1.37	2.31	2.88	3.49	15.14
1957	0.14	0.21	0.23	0.37	0.52	0.71	0.87	1.17	1.32	1.47	22.81
1958	0.30	0.35	0.39	0.61	0.96	1.09	1.23	1.16	2.01	2.45	28.60
1959	0.11	0.15	0.19	0.34	0.49	0.78	1.00	1.51	1.93	2.06	12.47
1960	0.12	0.18	0.26	0.30	0.36	0.56	0.75	0.84	1.09	1.68	17.82
1961	0.11	0.13	0.15	0.22	0.37	0.55	0.78	1.07	1.23	1.80	14.63
1962	0.17	0.26	0.38	0.55	0.67	0.89	1.04	1.39	1.97	3.11	19.99
1963	0.13	0.18	0.23	0.28	0.34	0.51	0.74	0.88	1.34	1.95	18.78
1964	0.18	0.23	0.28	0.34	0.39	0.56	0.87	1.30	1.60	1.91	17.73
1965	0.17	0.21	0.29	0.34	0.37	0.55	0.68	1.06	1.27	1.34	19.86
1966	0.16	0.18	0.19	0.29	0.42	0.57	0.66	0.79	0.95	1.58	16.45
1967	0.29	0.31	0.32	0.37	0.42	0.57	0.64	1.11	1.74	2.88	24.26
1968	0.26	0.31	0.35	0.43	0.58	0.87	0.95	1.19	1.42	1.87	17.96
1969	0.38	0.48	0.51	0.60	0.74	1.29	1.89	2.45	2.51	2.99	27.02
1970	0.20	0.33	0.39	0.61	0.72	0.87	0.98	1.14	1.55	2.31	24.25
1971	0.26	0.44	0.57	0.63	0.70	0.86	0.98	1.15	1.28	1.35	12.32
1972	0.19	0.26	0.30	0.51	0.70	0.98	1.18	1.53	1.69	2.45	20.79
1973	0.23	0.31	0.32	0.36	0.48	0.79	1.09	1.64	2.16	2.80	31.80
1974	0.11	0.18	0.20	0.20	0.30	0.51	0.67	0.93	1.21	1.50	15.26
1975	0.10	0.16	0.19	0.29	0.43	0.55	0.81	1.10	1.24	1.29	16.02

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LDT	BMM	LATITUDE	LONGITUDE	COUNTY
E70 7772 0	SAN FRANCISCO FOB NWS	52						37.783	122.417	SAN FRANCISCO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.16	0.22	0.28	0.37	0.50	0.69	0.81	1.12	1.47	1.95	19.91
5	0.23	0.32	0.39	0.52	0.70	0.97	1.14	1.58	2.07	2.75	25.97
10	0.27	0.38	0.47	0.62	0.84	1.16	1.36	1.88	2.47	3.29	29.67
20	0.31	0.43	0.54	0.71	0.97	1.34	1.57	2.17	2.85	3.79	32.54
25	0.33	0.45	0.56	0.74	1.01	1.39	1.63	2.26	2.97	3.95	33.46
40	0.35	0.49	0.61	0.80	1.09	1.51	1.77	2.45	3.21	4.27	35.33
50	0.37	0.51	0.63	0.83	1.13	1.56	1.83	2.54	3.33	4.43	36.19
100	0.41	0.56	0.69	0.92	1.25	1.73	2.02	2.81	3.68	4.90	38.74
200	0.44	0.61	0.76	1.00	1.37	1.89	2.21	3.07	4.02	5.35	41.15
1000	0.53	0.73	0.91	1.20	1.63	2.25	2.65	3.67	4.81	6.40	46.39
10000	0.65	0.90	1.11	1.47	2.00	2.76	3.24	4.50	5.89	7.84	53.26
PMP	1.25	1.72	2.13	2.82	3.84	5.30	6.22	8.62	11.30	15.03	122.46
MEAN	0.177	0.245	0.302	0.400	0.545	0.752	0.883	1.223	1.604	2.134	20.477
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.813	1.049	0.985	1.083	0.867	0.634	1.403	1.416	0.858	0.726	0.252
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.553 ; INTERCEPT (TIME=1 HOUR) =0.547 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.02670 ; AVERAGE CALC CV / USED CV = 0.82

KURTOSIS	3.613	3.857	3.635	3.977	3.623	3.178	6.464	6.471	3.773	2.942	2.768
N	68	68	68	68	68	69	86	86	86	86	86
RECORD YEAR	1969	1918	1918	1912	1912	1969	1969	1969	1956	1940	1941
RECORD MAXIMUM	0.380	0.510	0.650	0.830	1.070	1.290	1.890	2.450	2.880	3.640	35.190
NORMILIZED MAX	3.182	2.924	3.035	2.948	2.964	2.826	4.274	3.835	3.105	2.408	2.511
CALC. COEF. VAR	0.360	0.371	0.379	0.364	0.326	0.253	0.267	0.262	0.256	0.293	0.286
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0087	0.0119	0.0148	0.0195	0.0266	0.0367	0.0431	0.0597	0.0783	0.1042	1.0000
RP10/A	0.0133	0.0184	0.0227	0.0301	0.0409	0.0566	0.0664	0.0919	0.1206	0.1604	1.4393
RP25/A	0.0160	0.0221	0.0273	0.0361	0.0492	0.0679	0.0797	0.1105	0.1448	0.1927	1.6342
RP50/A	0.0180	0.0248	0.0306	0.0405	0.0552	0.0762	0.0894	0.1239	0.1625	0.2162	1.7672
RP100/A	0.0199	0.0274	0.0339	0.0448	0.0610	0.0843	0.0989	0.1370	0.1796	0.2390	1.8917
RP1000/A	0.0259	0.0358	0.0442	0.0586	0.0797	0.1101	0.1292	0.1790	0.2347	0.3123	2.2652
RP10000/A	0.0318	0.0439	0.0542	0.0718	0.0978	0.1350	0.1584	0.2195	0.2879	0.3830	2.6007
PMP/A	0.0610	0.0841	0.1040	0.1377	0.1873	0.2588	0.3037	0.4207	0.5517	0.7341	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
EBO 7767 0	RICHMOND SUNSET	300		02S	06W		M	37.767	122.500	SAN FRANCISCO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1944	0.17	0.27	0.38	0.48	0.60	0.86	1.02	1.05	1.23	1.50	******
1945	0.17	0.22	0.29	0.36	0.47	0.66	0.82	1.13	1.70	2.40	23.50
1946	*****	*****	0.27	0.48	0.82	0.70	0.71	1.00	1.23	1.96	11.67
1947	*****	*****	0.53	0.64	0.72	0.84	0.86	1.23	1.27	1.78	12.83
1948	*****	*****	0.27	0.31	0.49	0.66	0.79	0.83	0.84	1.47	15.48
1949	*****	*****	0.46	0.83	1.02	1.15	1.18	1.18	1.49	1.59	16.73
1950	*****	*****	0.40	0.44	0.55	0.67	0.98	1.21	1.65	1.96	26.99
1951	*****	*****	0.18	0.34	0.42	0.75	0.95	1.28	1.50	1.80	16.23
1953	*****	*****	*****	*****	0.30	0.46	0.64	1.16	1.45	2.06	13.24
1954	*****	*****	*****	*****	0.46	0.73	0.95	1.19	1.47	1.83	19.25
1955	*****	*****	*****	*****	0.45	0.66	0.79	1.34	1.59	2.72	23.54
1956	*****	*****	*****	*****	0.30	0.55	0.80	1.50	2.92	3.00	15.10
1957	*****	*****	*****	*****	0.32	0.56	0.73	0.97	1.19	1.40	23.46
1958	*****	*****	*****	*****	0.69	0.82	1.05	1.31	1.69	2.22	28.16
1959	*****	*****	*****	*****	0.43	0.66	0.91	1.40	1.89	2.05	13.37
1960	*****	*****	*****	*****	0.45	0.83	0.86	1.51	1.51	1.85	17.80
1961	*****	*****	*****	*****	0.55	0.60	0.82	1.07	1.77	1.77	15.02
1962	*****	*****	*****	*****	1.05	1.30	1.60	2.16	3.18	4.68	23.82
1963	*****	*****	*****	*****	0.35	0.61	0.66	0.95	1.55	2.43	21.00
1964	*****	*****	0.25	0.37	0.51	0.81	1.02	1.55	1.81	1.92	16.95
1965	*****	*****	0.40	0.55	0.60	0.65	0.75	1.10	1.35	1.55	21.94
1966	*****	*****	0.29	0.34	0.40	0.57	0.61	0.89	1.39	1.77	17.20
1967	*****	*****	0.34	0.44	0.54	0.74	0.82	1.20	2.10	3.45	26.00
1968	*****	*****	0.39	0.62	0.74	0.90	1.05	1.55	1.90	2.10	20.61
1969	*****	*****	0.37	0.52	0.76	1.30	1.94	2.29	2.41	3.03	27.59
1970	*****	*****	0.71	0.80	0.98	1.18	1.33	1.52	1.74	2.15	25.71
1971	*****	*****	0.24	0.32	0.41	0.48	0.50	0.72	0.82	1.14	13.73
1972	*****	*****	0.36	0.44	0.50	0.68	0.86	1.05	1.30	2.26	18.86
1973	*****	*****	0.30	0.35	0.58	1.07	1.46	1.55	1.86	2.58	31.54
1974	*****	*****	0.30	0.36	0.43	0.59	0.85	1.21	1.55	1.92	18.79

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
EBO 7767 0	RICHMOND SUNSET	300		02S	06W		M	37.767	122.500	SAN FRANCISCO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.16	0.22	0.32	0.43	0.51	0.70	0.86	1.16	1.51	1.95	19.32
5	0.22	0.32	0.46	0.61	0.72	0.99	1.22	1.64	2.12	2.75	25.20
10	0.26	0.38	0.55	0.73	0.86	1.18	1.45	1.96	2.53	3.29	28.59
20	0.30	0.44	0.63	0.84	0.99	1.36	1.68	2.26	2.92	3.79	31.57
25	0.31	0.45	0.66	0.88	1.03	1.42	1.75	2.35	3.04	3.95	32.46
40	0.34	0.49	0.71	0.95	1.11	1.54	1.89	2.54	3.29	4.28	34.28
50	0.35	0.51	0.73	0.98	1.15	1.59	1.96	2.63	3.41	4.43	35.11
100	0.39	0.56	0.81	1.09	1.27	1.76	2.16	2.91	3.77	4.90	37.58
200	0.43	0.61	0.89	1.19	1.39	1.93	2.37	3.19	4.13	5.36	39.92
1000	0.51	0.73	1.06	1.42	1.67	2.30	2.83	3.81	4.93	6.40	45.00
10000	0.62	0.90	1.30	1.74	2.04	2.82	3.47	4.67	6.05	7.85	51.67
PMP	1.20	1.73	2.50	3.34	3.91	5.41	6.65	8.95	11.59	15.04	118.80
MEAN	0.170	0.245	0.354	0.474	0.556	0.768	0.944	1.270	1.645	2.135	19.866
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.519	1.175	1.141	1.126	1.644	1.337	1.363	1.825	0.376
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.542 ; INTERCEPT (TIME=1 HOUR) =0.582 ; COEFFICIENT OF DETERMINATION = 0.985
1HR INTERCEPT / MEAN YR =0.02932 ; AVERAGE CALC CV / USED CV = 0.63

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	6.638	4.056	4.159	3.793	6.387	5.749	5.991	7.809	2.450
N	2	2	19	19	19	30	30	30	30	30	29
RECORD YEAR	1944	1944	1970	1949	1962	1962	1969	1969	1962	1962	1973
RECORD MAXIMUM	0.170	0.270	0.710	0.830	1.050	1.300	1.940	2.290	3.180	4.680	31.540
NORMALIZED MAX	0.0	0.707	2.973	2.308	2.609	2.347	3.269	2.981	3.029	3.584	2.184
CALC. COEF. VAR	0.000	0.144	0.338	0.325	0.355	0.295	0.323	0.269	0.308	0.333	0.269
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0086	0.0123	0.0178	0.0239	0.0280	0.0387	0.0475	0.0639	0.0828	0.1075	1.0000
RP10/A	0.0132	0.0190	0.0275	0.0368	0.0431	0.0595	0.0731	0.0984	0.1275	0.1654	1.4393
RP25/A	0.0158	0.0228	0.0330	0.0442	0.0517	0.0715	0.0879	0.1182	0.1532	0.1987	1.6342
RP50/A	0.0178	0.0256	0.0370	0.0495	0.0580	0.0802	0.0985	0.1326	0.1718	0.2229	1.7672
RP100/A	0.0196	0.0283	0.0409	0.0548	0.0642	0.0887	0.1090	0.1467	0.1900	0.2465	1.8917
RP1000/A	0.0256	0.0370	0.0534	0.0715	0.0838	0.1159	0.1424	0.1916	0.2482	0.3220	2.2652
RP10000/A	0.0315	0.0453	0.0655	0.0877	0.1028	0.1421	0.1746	0.2350	0.3044	0.3950	2.6007
PMP/A	0.0603	0.0869	0.1256	0.1682	0.1971	0.2724	0.3347	0.4504	0.5834	0.7570	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
800 8997 0	TRACY 2 SSE	107	03	03S	05E	C	M	37.709	121.410	SAN JOAQUIN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.20	0.25	0.31	0.37	0.37	0.55	0.55	0.68	0.83	1.06	13.21
1941	0.17	0.23	0.27	0.35	0.44	0.49	0.55	0.56	0.78	0.87	13.76
1942	0.14	0.18	0.21	0.28	0.27	0.59	0.62	0.74	0.99	1.03	12.20
1943	0.05	0.08	0.10	0.15	0.22	0.36	0.48	0.75	0.92	0.92	9.43
1944	0.06	0.08	0.10	0.15	0.27	0.35	0.44	0.56	1.08	1.75	13.61
1945	0.09	0.15	0.18	0.27	0.30	0.36	0.43	0.59	0.80	1.51	9.51
1946	0.12	0.14	0.15	0.19	0.21	0.28	0.35	0.55	0.84	0.93	7.80
1947	0.08	0.10	0.12	0.13	0.15	0.19	0.28	0.42	0.47	0.51	4.81
1948	0.07	0.09	0.10	0.13	0.25	0.36	0.46	0.51	0.51	0.59	8.43
1949	0.08	0.10	0.13	0.20	0.25	0.27	0.27	0.38	0.45	0.71	4.80
1950	0.08	0.15	0.18	0.25	0.29	0.41	0.46	0.62	1.05	1.59	12.52
1951	0.17	0.22	0.25	0.30	0.43	0.43	0.43	0.69	0.85	1.15	11.12
1952	0.10	0.17	0.24	0.32	0.40	0.49	0.68	0.73	0.92	1.00	10.95
1953	0.03	0.04	0.06	0.09	0.11	0.17	0.25	0.38	0.60	0.82	3.22
1954	0.13	0.20	0.25	0.34	0.37	0.54	0.60	0.65	0.92	1.23	7.96
1955	0.34	0.47	0.50	0.56	0.57	0.57	0.75	1.05	1.17	1.39	11.38
1956	0.12	0.13	0.15	0.21	0.31	0.48	0.48	0.60	0.61	0.65	6.57
1957	0.21	0.27	0.34	0.47	0.54	0.59	0.67	0.69	0.70	0.84	10.85
1958	0.09	0.15	0.18	0.27	0.40	0.61	0.71	1.16	1.24	1.49	11.85
1959	0.05	0.07	0.10	0.18	0.31	0.59	0.73	1.10	1.77	2.12	6.94
1960	0.09	0.14	0.16	0.17	0.19	0.35	0.42	0.60	0.65	0.76	6.66
1961	0.13	0.25	0.36	0.41	0.43	0.43	0.43	0.57	0.96	1.22	6.92
1962	0.04	0.07	0.10	0.14	0.20	0.31	0.42	0.54	0.63	1.05	7.81
1963	0.06	0.09	0.11	0.17	0.23	0.30	0.40	0.55	0.68	0.77	8.99
1964	0.05	0.09	0.14	0.25	0.35	0.58	0.70	0.84	0.95	1.21	7.85
1965	0.07	0.13	0.16	0.21	0.25	0.39	0.41	0.63	0.74	0.86	9.24
1966	0.12	0.13	0.15	0.14	0.14	0.24	0.34	0.48	0.63	0.77	6.04
1967	0.08	0.13	0.18	0.21	0.25	0.46	0.54	0.76	1.23	1.54	10.29
1968	0.27	0.37	0.48	0.67	0.75	1.40	1.60	1.45	1.89	2.28	12.10
1969	0.04	0.06	0.08	0.11	0.20	0.36	0.49	0.69	0.80	0.84	10.02
1970	0.08	0.13	0.20	0.24	0.36	0.50	0.65	0.98	1.42	1.67	12.13
1971	0.08	0.11	0.12	0.14	0.16	0.25	0.34	0.54	0.67	0.69	5.77
1972	0.14	0.23	0.26	0.36	0.46	0.77	0.85	0.92	1.00	1.30	8.25
1973	*****	*****	*****	*****	0.26	0.35	0.47	0.70	1.06	1.30	13.92
1974	*****	*****	*****	*****	0.15	0.27	0.38	0.73	1.01	1.23	7.33

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
800 8997 0	TRACY 2 SSE	107	03	03S	05E	C	M	37.709	121.410	SAN JOAQUIN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.10	0.15	0.18	0.24	0.29	0.42	0.50	0.66	0.85	1.06	9.08
5	0.14	0.20	0.24	0.32	0.39	0.56	0.67	0.88	1.14	1.42	11.46
10	0.16	0.23	0.28	0.37	0.45	0.65	0.78	1.03	1.32	1.65	12.81
20	0.18	0.26	0.32	0.42	0.51	0.74	0.88	1.16	1.50	1.86	13.97
25	0.19	0.27	0.33	0.44	0.53	0.76	0.91	1.20	1.55	1.93	14.32
40	0.19	0.27	0.34	0.44	0.54	0.77	0.92	1.22	1.58	1.96	15.03
50	0.21	0.30	0.37	0.48	0.59	0.84	1.00	1.33	1.71	2.13	15.35
100	0.23	0.32	0.40	0.52	0.64	0.92	1.09	1.45	1.87	2.32	16.30
200	0.24	0.35	0.43	0.57	0.69	0.99	1.18	1.57	2.02	2.51	17.20
1000	0.29	0.41	0.50	0.66	0.81	1.16	1.38	1.83	2.36	2.94	19.14
10000	0.34	0.49	0.60	0.79	0.97	1.39	1.65	2.19	2.83	3.52	21.64
PMP	0.67	0.96	1.19	1.56	1.90	2.73	3.25	4.31	5.56	6.92	49.67
MEAN	0.110	0.158	0.195	0.255	0.311	0.447	0.532	0.705	0.909	1.132	9.258
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.691	1.648	1.407	1.395	1.090	2.610	2.782	1.933	1.299	0.919	-0.099
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.575 ; INTERCEPT (TIME=1 HOUR) =0.332 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.03585 ; AVERAGE CALC CV / USED CV = 1.52

KURTOSIS	6.445	6.564	5.003	5.281	4.832	13.544	14.361	8.358	5.378	3.812	2.387
N	33	33	33	33	35	35	35	35	35	35	35
RECORD YEAR	1955	1955	1955	1968	1968	1968	1968	1968	1968	1968	1973
RECORD MAXIMUM	0.340	0.470	0.500	0.670	0.750	1.400	1.600	1.650	1.890	2.280	13.920
NORMILIZED MAX	3.375	3.419	2.858	3.139	3.187	4.422	4.497	3.815	3.034	2.730	1.648
CALC. COEF. VAR	0.620	0.580	0.549	0.517	0.443	0.482	0.446	0.351	0.356	0.371	0.305
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0119	0.0170	0.0210	0.0276	0.0336	0.0483	0.0575	0.0762	0.0982	0.1223	1.0000
RP10/A	0.0173	0.0248	0.0306	0.0402	0.0490	0.0703	0.0838	0.1110	0.1431	0.1782	1.3832
RP25/A	0.0203	0.0290	0.0358	0.0470	0.0573	0.0823	0.0980	0.1299	0.1674	0.2084	1.5472
RP50/A	0.0224	0.0320	0.0395	0.0519	0.0632	0.0908	0.1082	0.1434	0.1848	0.2301	1.6580
RP100/A	0.0244	0.0349	0.0431	0.0566	0.0690	0.0991	0.1180	0.1564	0.2016	0.2510	1.7611
RP1000/A	0.0308	0.0441	0.0545	0.0716	0.0872	0.1252	0.1491	0.1976	0.2547	0.3172	2.0668
RP10000/A	0.0369	0.0529	0.0653	0.0858	0.1045	0.1501	0.1787	0.2369	0.3053	0.3802	2.3377
PMP/A	0.0727	0.1041	0.1285	0.1687	0.2055	0.2951	0.3516	0.4659	0.6005	0.7479	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	MMM	LATITUDE	LONGITUDE	COUNTY
880 1583 0	CASTLE ROCK RAD LAB	515	35	035	04E	A	M	37.634	121.505	SAN JOAQUIN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1960	0.13	0.16	0.17	0.23	0.23	0.38	0.63	0.64	0.64	0.93	5.38
1961	0.15	0.18	0.33	0.44	0.45	0.50	0.50	0.50	0.80	1.24	8.27
1962	0.11	0.15	0.19	0.29	0.38	0.43	0.62	0.83	1.09	1.38	13.61
1963	0.12	0.17	0.19	0.25	0.37	0.42	0.42	0.53	0.66	0.85	10.77
1964	0.05	0.10	0.15	0.27	0.39	0.73	0.90	1.49	1.52	2.02	6.89
1965	0.04	0.08	0.11	0.18	0.35	0.53	0.68	0.70	0.84	0.84	9.95
1966	0.05	0.09	0.12	0.13	0.22	0.38	0.44	0.63	0.78	0.78	6.87
1967	0.15	0.27	0.33	0.48	0.60	0.61	0.67	0.72	0.99	1.10	11.54
1968	0.25	0.41	0.52	0.77	1.28	1.46	1.60	1.62	2.48	2.85	9.64
1969	0.06	0.10	0.12	0.18	0.28	0.43	0.59	0.83	0.98	0.98	11.47
1970	0.07	0.11	0.14	0.23	0.45	0.54	0.77	1.02	1.02	1.02	6.10
1971	0.08	0.10	0.14	0.20	0.30	0.44	0.56	0.92	1.50	1.75	13.00
1972	0.04	0.07	0.09	0.13	0.17	0.31	0.44	0.60	0.70	0.70	4.32
1973	0.18	0.22	0.27	0.30	0.38	0.66	0.72	0.76	0.76	1.12	16.04
1974	0.09	0.11	0.17	0.19	0.25	0.44	0.55	0.76	1.06	1.32	7.37

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	MMM	LATITUDE	LONGITUDE	COUNTY
880 1583 0	CASTLE ROCK RAD LAB	515	35	035	04E	A	M	37.634	121.505	SAN JOAQUIN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.10	0.14	0.19	0.26	0.38	0.51	0.62	0.78	0.98	1.17	9.16
5	0.14	0.20	0.26	0.37	0.53	0.72	0.87	1.09	1.37	1.64	11.94
10	0.16	0.24	0.31	0.44	0.63	0.85	1.04	1.29	1.62	1.94	13.55
20	0.18	0.27	0.36	0.50	0.72	0.97	1.19	1.48	1.86	2.22	14.96
25	0.19	0.28	0.37	0.52	0.75	1.01	1.23	1.53	1.93	2.31	15.39
40	0.20	0.29	0.38	0.53	0.76	1.03	1.26	1.56	1.97	2.35	16.24
50	0.21	0.32	0.41	0.58	0.83	1.12	1.37	1.71	2.15	2.57	16.64
100	0.23	0.35	0.45	0.64	0.91	1.24	1.51	1.88	2.37	2.82	17.81
200	0.26	0.38	0.49	0.69	0.99	1.34	1.64	2.04	2.57	3.07	18.92
1000	0.30	0.45	0.58	0.82	1.17	1.59	1.94	2.41	3.04	3.63	21.33
10000	0.37	0.54	0.71	0.99	1.42	1.92	2.35	2.92	3.68	4.40	24.48
PMP	0.74	1.09	1.43	2.01	2.86	3.88	4.74	5.89	7.43	8.87	56.30
MEAN	0.105	0.155	0.203	0.285	0.407	0.551	0.673	0.837	1.055	1.259	9.415
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.032	1.863	1.744	2.010	2.834	2.857	2.610	1.610	2.152	1.823	0.340
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.485 ; INTERCEPT (TIME=1 HOUR) =0.394 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.04185 ; AVERAGE CALC CV / USED CV = 1.38

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.379	7.171	6.474	7.785	12.289	12.313	11.221	5.501	8.563	6.886	2.959
N	15	15	15	15	15	15	15	15	15	15	15
RECORD YEAR	1968	1968	1968	1968	1968	1968	1968	1968	1968	1968	1973
RECORD MAXIMUM	0.250	0.410	0.520	0.770	1.280	1.460	1.600	1.620	2.480	2.850	16.040
NORMILIZED MAX	2.428	2.835	2.755	2.903	3.294	3.298	3.215	2.417	2.988	2.794	1.980
CALC. COEF. VAR	0.572	0.582	0.568	0.587	0.652	0.501	0.429	0.387	0.452	0.453	0.356
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0111	0.0164	0.0215	0.0302	0.0432	0.0585	0.0714	0.0889	0.1120	0.1337	1.0000
RP10/A	0.0171	0.0253	0.0332	0.0466	0.0665	0.0901	0.1101	0.1369	0.1726	0.2059	1.4393
RP25/A	0.0204	0.0301	0.0394	0.0554	0.0792	0.1072	0.1309	0.1629	0.2053	0.2450	1.6342
RP50/A	0.0227	0.0335	0.0440	0.0617	0.0882	0.1194	0.1459	0.1814	0.2287	0.2730	1.7672
RP100/A	0.0249	0.0369	0.0483	0.0678	0.0969	0.1312	0.1603	0.1994	0.2514	0.3000	1.8917
RP1000/A	0.0321	0.0474	0.0621	0.0872	0.1245	0.1687	0.2060	0.2562	0.3230	0.3855	2.2652
RP10000/A	0.0388	0.0574	0.0752	0.1056	0.1509	0.2043	0.2495	0.3104	0.3912	0.4669	2.6007
PMP/A	0.0783	0.1157	0.1517	0.2130	0.3043	0.4121	0.5034	0.6261	0.7892	0.9419	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
890 8554 0	STOCKTON DISPOSAL PLANT	11	16	01N	06E	E	M	37.935	121.328	SAN JOAQUIN

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.11	0.16	0.19	0.26	0.47	0.61	0.70	0.97	1.11	1.67	22.76
1941	0.12	0.17	0.19	0.21	0.24	0.42	0.58	0.60	0.68	0.85	3.42
1942	0.10	0.18	0.21	0.22	0.38	0.60	0.66	1.01	1.21	1.76	19.10
1943	0.08	0.11	0.17	0.28	0.39	0.55	0.68	1.04	1.41	2.09	13.26
1944	0.09	0.12	0.18	0.22	0.28	0.47	0.51	0.66	1.02	1.80	15.89
1945	0.13	0.20	0.30	0.44	0.50	0.54	0.63	0.97	1.45	2.50	16.63
1946	0.11	0.15	0.20	0.22	0.30	0.39	0.60	0.85	1.38	1.48	8.28
1947	0.09	0.11	0.15	0.22	0.35	0.42	0.47	0.65	0.65	1.09	7.73
1948	0.13	0.21	0.27	0.29	0.40	0.52	0.65	0.96	1.00	1.00	11.91
1949	0.28	0.29	0.30	0.37	0.70	0.88	0.92	0.96	0.97	1.05	9.20
1950	0.15	0.17	0.19	0.29	0.50	0.68	0.72	0.85	1.69	2.29	16.57
1951	0.15	0.27	0.30	0.39	0.40	0.63	0.79	0.90	0.93	1.85	15.38
1952	0.04	0.08	0.10	0.19	0.34	0.54	0.59	0.86	1.22	1.31	15.47
1953	0.05	0.10	0.12	0.18	0.19	0.33	0.50	0.68	0.90	1.43	6.74
1954	0.06	0.10	0.13	0.26	0.40	0.45	0.46	0.75	1.13	1.40	12.77
1955	0.22	0.40	0.44	0.59	0.72	0.95	1.12	1.68	1.86	2.45	16.38
1956	0.15	0.21	0.22	0.28	0.38	0.40	0.58	0.65	0.65	0.91	9.65
1957	0.19	0.30	0.34	0.44	0.56	0.70	0.78	0.86	1.21	1.23	15.46
1958	0.22	0.30	0.31	0.39	0.54	0.89	0.93	1.29	1.78	2.27	23.11
1959	0.07	0.11	0.16	0.28	0.34	0.36	0.41	0.66	0.85	1.25	13.41
1960	0.15	0.21	0.25	0.31	0.38	0.39	0.47	0.63	0.73	1.27	12.57
1961	0.14	0.26	0.39	0.64	0.72	0.83	0.85	1.01	1.40	2.10	12.36
1962	0.06	0.11	0.17	0.31	0.40	0.51	0.61	0.93	1.20	1.76	12.92
1963	0.16	0.17	0.21	0.31	0.55	0.99	1.18	1.89	2.45	2.97	19.32
1964	0.13	0.17	0.21	0.29	0.51	0.71	0.78	0.99	1.04	1.22	13.73
1965	0.07	0.09	0.13	0.17	0.24	0.32	0.38	0.67	1.02	1.02	13.03
1966	0.10	0.16	0.21	0.26	0.32	0.39	0.43	0.78	1.27	1.46	12.69
1967	0.07	0.10	0.11	0.17	0.30	0.57	0.76	1.09	1.91	2.85	15.26
1968	0.07	0.10	0.13	0.15	0.29	0.39	0.45	0.57	1.00	1.15	13.71
1969	0.46	0.81	0.90	0.93	0.93	0.93	0.93	0.94	1.24	1.48	16.91
1970	0.10	0.12	0.16	0.23	0.32	0.55	0.73	1.10	1.31	1.87	18.88
1971	0.21	0.25	0.26	0.28	0.35	0.45	0.55	0.62	0.81	1.29	8.43
1972	0.12	0.24	0.29	0.32	0.42	0.69	1.01	1.11	1.19	1.57	9.39
1973	*****	*****	0.20	0.20	0.30	0.37	0.40	0.80	1.10	1.30	20.73
1974	*****	*****	0.20	0.20	0.30	0.50	0.60	1.20	1.70	2.00	11.60

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
890 8554 0	STOCKTON DISPOSAL PLANT	11	16	01N	06E	E	M	37.935	121.328	SAN JOAQUIN

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.18	0.22	0.29	0.39	0.53	0.62	0.85	1.12	1.51	13.47
5	0.18	0.26	0.31	0.40	0.55	0.74	0.87	1.20	1.58	2.12	17.56
10	0.21	0.30	0.36	0.47	0.65	0.88	1.03	1.42	1.87	2.51	19.93
20	0.24	0.35	0.42	0.54	0.74	1.00	1.18	1.62	2.14	2.87	22.00
25	0.25	0.36	0.43	0.56	0.77	1.04	1.23	1.68	2.22	2.98	22.63
40	0.25	0.37	0.44	0.58	0.78	1.06	1.25	1.72	2.26	3.04	23.89
50	0.28	0.40	0.48	0.63	0.86	1.16	1.37	1.88	2.47	3.32	24.47
100	0.30	0.44	0.53	0.69	0.94	1.28	1.50	2.06	2.72	3.65	26.19
200	0.33	0.48	0.58	0.75	1.03	1.39	1.63	2.24	2.96	3.97	27.83
1000	0.39	0.57	0.68	0.89	1.21	1.64	1.93	2.65	3.49	4.69	31.37
10000	0.47	0.69	0.83	1.08	1.47	1.99	2.34	3.21	4.23	5.69	36.01
PMP	0.96	1.39	1.67	2.17	2.96	4.01	4.71	6.48	8.54	11.47	82.81
MEAN	0.136	0.198	0.237	0.308	0.420	0.569	0.669	0.919	1.212	1.628	13.847
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.137	3.192	3.344	2.447	1.384	0.802	0.746	1.634	1.072	0.795	0.011
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.563 ; INTERCEPT (TIME=1 HOUR) =0.420 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.03033 ; AVERAGE CALC CV / USED CV = 1.21

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	8.826	16.292	17.582	10.453	5.270	2.849	3.255	6.851	4.759	3.172	3.245
N	33	33	35	35	35	35	35	35	35	35	35
RECORD YEAR	1969	1969	1969	1969	1969	1963	1963	1963	1963	1963	1958
RECORD MAXIMUM	0.460	0.810	0.900	0.930	0.930	0.990	1.180	1.890	2.450	2.970	23.110
NORMILIZED MAX	3.782	4.569	4.741	4.645	3.215	2.199	2.498	3.409	3.136	2.455	2.081
CALC. COEF. VAR	0.632	0.677	0.591	0.499	0.377	0.336	0.306	0.310	0.326	0.336	0.321
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0098	0.0143	0.0171	0.0223	0.0304	0.0411	0.0483	0.0664	0.0875	0.1176	1.0000
RP10/A	0.0151	0.0220	0.0263	0.0343	0.0468	0.0633	0.0744	0.1023	0.1348	0.1811	1.4393
RP25/A	0.0180	0.0262	0.0313	0.0408	0.0556	0.0753	0.0885	0.1217	0.1604	0.2155	1.6342
RP50/A	0.0200	0.0292	0.0349	0.0455	0.0620	0.0839	0.0986	0.1356	0.1787	0.2401	1.7672
RP100/A	0.0220	0.0321	0.0384	0.0500	0.0681	0.0922	0.1084	0.1490	0.1964	0.2639	1.8917
RP1000/A	0.0283	0.0412	0.0493	0.0642	0.0875	0.1185	0.1393	0.1915	0.2524	0.3391	2.2652
RP10000/A	0.0342	0.0499	0.0597	0.0778	0.1060	0.1435	0.1687	0.2319	0.3057	0.4107	2.6007
PMP/A	0.0691	0.1007	0.1205	0.1568	0.2138	0.2896	0.3403	0.4678	0.6166	0.8284	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T09 1743 0	CHOLAME	1975	12	26S	16E		M	35.683	120.200	SAN LUIS OBISPO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.12	0.16	0.24	0.31	0.45	0.60	0.80	1.06	1.45	1.62	13.24
1941	0.11	0.13	0.16	0.25	0.41	0.60	0.69	1.08	1.25	1.59	22.69
1942	0.07	0.11	0.14	0.23	0.35	0.46	0.48	0.59	0.98	0.98	7.56
1943	0.12	0.17	0.27	0.37	0.40	0.52	0.74	1.07	1.20	1.74	12.99
1944	0.15	0.18	0.20	0.25	0.30	0.46	0.48	0.95	1.58	2.37	11.20
1945	0.17	0.19	0.20	0.24	0.40	0.53	0.55	0.65	0.88	1.39	8.15
1946	0.27	0.31	0.31	0.31	0.31	0.42	0.60	1.09	1.62	2.23	10.14
1947	0.13	0.18	0.18	0.18	0.27	0.29	0.31	0.37	0.38	0.63	2.82
1948	0.03	0.06	0.09	0.16	0.22	0.41	0.54	0.69	0.81	0.97	7.76
1949	0.14	0.17	0.18	0.20	0.27	0.40	0.46	0.70	1.12	1.45	7.87
1950	0.20	0.21	0.23	0.32	0.41	0.47	0.66	1.14	1.27	1.27	8.83
1951	0.20	0.20	0.20	0.21	0.26	0.48	0.61	0.77	0.82	0.97	7.39
1952	0.07	0.10	0.13	0.20	0.40	0.75	0.88	1.18	1.47	1.92	14.13
1953	0.06	0.10	0.12	0.24	0.42	0.61	0.80	0.96	1.05	1.07	3.46
1954	0.11	0.15	0.17	0.26	0.40	0.66	0.93	1.33	1.84	2.03	10.48
1955	0.23	0.30	0.37	0.40	0.44	0.78	0.90	1.45	2.40	2.40	13.89
1956	0.15	0.20	0.22	0.24	0.24	0.35	0.45	0.77	1.05	1.08	5.14
1957	0.15	0.20	0.21	0.35	0.50	0.60	0.61	0.92	0.96	1.24	11.71
1958	0.07	0.11	0.20	0.28	0.37	0.57	0.73	0.90	1.18	1.59	17.17
1959	0.06	0.09	0.12	0.19	0.37	0.45	0.60	0.72	0.88	1.35	5.58
1960	0.09	0.16	0.18	0.20	0.28	0.55	0.74	0.77	1.10	1.18	9.85
1961	0.04	0.07	0.09	0.16	0.29	0.43	0.60	0.76	1.09	1.25	6.61
1962	0.05	0.09	0.13	0.25	0.50	0.75	0.85	1.11	1.25	1.97	9.90
1963	0.14	0.15	0.17	0.25	0.37	0.72	0.84	1.06	1.37	1.52	10.38
1964	0.12	0.18	0.19	0.23	0.32	0.45	0.56	0.76	0.87	1.09	7.47
1965	0.07	0.10	0.12	0.19	0.29	0.33	0.39	0.56	0.86	1.20	10.08
1966	0.85	0.85	0.86	0.86	0.88	1.09	1.17	1.89	2.30	3.41	8.05
1967	0.10	0.12	0.15	0.24	0.40	0.65	0.72	0.89	0.99	1.27	8.50
1968	0.06	0.10	0.12	0.19	0.28	0.38	0.47	0.72	0.94	0.95	8.25
1969	0.14	0.20	0.25	0.41	0.66	0.96	1.12	1.83	2.33	2.51	17.64
1970	0.04	0.07	0.10	0.20	0.37	0.46	0.59	0.94	1.02	1.11	10.57
1971	0.07	0.09	0.12	0.18	0.32	0.50	0.80	0.98	1.15	1.15	6.50
1972	0.10	0.11	0.12	0.20	0.26	0.38	0.46	0.67	0.72	1.03	4.24
1973	*****	*****	*****	*****	0.33	0.61	0.85	1.57	2.28	2.36	15.94

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T09 1743 0	CHOLAME	1975	12	26S	16E		M	35.683	120.200	SAN LUIS OBISPO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.16	0.18	0.24	0.34	0.50	0.62	0.88	1.14	1.39	9.11
5	0.18	0.22	0.26	0.34	0.49	0.71	0.87	1.25	1.62	1.98	12.81
10	0.21	0.26	0.31	0.41	0.58	0.85	1.05	1.50	1.93	2.36	15.23
20	0.24	0.30	0.35	0.47	0.67	0.98	1.21	1.73	2.23	2.73	17.50
25	0.25	0.32	0.37	0.49	0.70	1.02	1.26	1.80	2.33	2.84	18.21
40	0.27	0.34	0.40	0.54	0.76	1.11	1.36	1.95	2.52	3.08	19.67
50	0.28	0.36	0.41	0.55	0.78	1.15	1.41	2.02	2.61	3.19	20.35
100	0.31	0.39	0.46	0.61	0.87	1.27	1.56	2.24	2.89	3.53	22.44
200	0.34	0.43	0.50	0.67	0.95	1.39	1.71	2.45	3.16	3.86	24.47
1000	0.41	0.51	0.60	0.80	1.14	1.66	2.05	2.93	3.78	4.62	29.07
10000	0.50	0.63	0.74	0.99	1.39	2.04	2.51	3.60	4.64	5.67	35.44
PMP	0.97	1.21	1.41	1.89	2.68	3.91	4.82	6.90	8.91	10.89	69.66
MEAN	0.136	0.170	0.198	0.265	0.375	0.549	0.676	0.968	1.249	1.526	9.888
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	4.360	4.135	3.947	3.579	2.310	1.235	0.530	1.082	1.118	1.235	0.935
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.544 ; INTERCEPT (TIME=1 HOUR) =0.389 ; COEFFICIENT OF DETERMINATION = 0.994
1HR INTERCEPT / MEAN YR =0.03936 ; AVERAGE CALC CV / USED CV = 1.38

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	24.694	23.029	21.554	18.825	10.577	5.048	3.330	4.501	4.002	4.772	4.488
N	33	33	33	33	34	34	34	34	34	34	34
RECORD YEAR	1966	1966	1966	1966	1966	1966	1966	1966	1965	1966	1941
RECORD MAXIMUM	0.850	0.850	0.860	0.860	0.890	1.090	1.170	1.890	2.400	3.410	22.690
NORMILIZED MAX	5.092	5.001	4.915	4.748	4.037	3.096	2.484	2.712	2.355	3.173	3.004
CALC. COEF. VAR	1.033	0.800	0.679	0.472	0.340	0.319	0.294	0.351	0.391	0.389	0.431
REGN. COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
USED COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
MEAN/A	0.0137	0.0172	0.0200	0.0268	0.0379	0.0555	0.0684	0.0979	0.1263	0.1544	1.0000
RP10/A	0.0212	0.0266	0.0310	0.0415	0.0587	0.0859	0.1058	0.1515	0.1955	0.2389	1.5402
RP25/A	0.0256	0.0320	0.0373	0.0499	0.0706	0.1033	0.1273	0.1822	0.2353	0.2874	1.8413
RP50/A	0.0287	0.0359	0.0419	0.0561	0.0793	0.1160	0.1429	0.2046	0.2641	0.3227	2.0584
RP100/A	0.0318	0.0398	0.0464	0.0620	0.0877	0.1283	0.1581	0.2264	0.2922	0.3571	2.2692
RP1000/A	0.0416	0.0520	0.0607	0.0812	0.1148	0.1679	0.2069	0.2962	0.3824	0.4672	2.9404
RP10000/A	0.0510	0.0639	0.0745	0.0996	0.1409	0.2061	0.2540	0.3636	0.4694	0.5735	3.5842
PMP/A	0.0980	0.1227	0.1430	0.1913	0.2706	0.3958	0.4877	0.6983	0.9014	1.1013	7.0450

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
T09 4767 0	LA PANZA RANCH	1550	20	29S	17E		M	35.383	120.167	SAN LUIS OBISPO

M=MINUTES,H=HOURS,O=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.17	0.24	0.26	0.44	0.50	0.62	0.79	1.27	1.51	1.94	******
1941	0.07	0.14	0.15	0.29	0.54	0.98	1.39	1.59	1.66	2.42	28.54
1942	0.11	0.17	0.19	0.22	0.34	0.44	0.55	0.83	1.08	1.27	9.03
1943	0.09	0.11	0.16	0.32	0.64	1.05	1.63	2.27	2.99	3.09	17.82
1944	0.06	0.08	0.12	0.21	0.41	0.70	0.85	1.17	1.99	2.96	14.13
1945	0.13	0.20	0.29	0.39	0.59	0.83	1.14	1.68	2.07	3.15	12.31
1946	0.06	0.09	0.14	0.19	0.37	0.73	1.04	1.88	2.76	3.85	15.40
1947	0.12	0.14	0.15	0.17	0.25	0.41	0.45	0.49	0.61	0.62	3.57
1948	0.03	0.06	0.09	0.11	0.15	0.27	0.36	0.40	0.65	0.70	6.00
1949	0.05	0.08	0.10	0.12	0.22	0.31	0.43	0.61	1.05	1.35	6.50
1950	0.10	0.15	0.19	0.29	0.39	0.53	0.70	0.90	0.90	0.90	6.16
1951	0.06	0.09	0.10	0.12	0.24	0.48	0.49	0.62	0.69	0.96	7.58
1952	0.15	0.18	0.19	0.25	0.46	0.75	0.96	1.15	1.46	1.74	14.50
1953	0.06	0.08	0.11	0.17	0.27	0.34	0.48	0.74	0.83	0.85	2.58
1954	0.06	0.10	0.10	0.15	0.30	0.50	0.59	0.81	0.86	1.00	8.94
1955	0.08	0.12	0.18	0.29	0.38	0.54	0.88	1.27	1.84	2.23	10.00
1956	0.19	0.30	0.46	0.55	0.71	0.76	0.55	1.17	1.22	1.35	5.33
1957	0.08	0.14	0.15	0.21	0.31	0.34	0.59	1.05	1.10	1.23	8.91
1958	0.09	0.10	0.14	0.24	0.30	0.52	0.67	0.88	1.28	1.47	14.46
1959	0.08	0.09	0.10	0.15	0.31	0.36	0.53	0.88	1.19	1.59	6.54
1960	0.07	0.12	0.14	0.22	0.37	0.58	0.84	0.99	1.20	1.24	9.02
1961	0.06	0.07	0.08	0.15	0.24	0.39	0.43	0.60	1.10	1.39	6.14
1962	0.17	0.21	0.22	0.25	0.29	0.45	0.61	0.86	1.10	1.70	8.57
1963	0.09	0.11	0.14	0.18	0.31	0.62	0.83	0.97	1.12	1.41	9.36
1964	0.15	0.20	0.22	0.25	0.42	0.70	0.71	0.75	0.75	0.94	7.19
1965	0.11	0.15	0.17	0.23	0.31	0.41	0.44	0.49	0.82	0.89	9.90
1966	0.08	0.10	0.13	0.15	0.28	0.48	0.66	1.14	1.89	3.25	9.36
1967	0.07	0.10	0.12	0.16	0.22	0.36	0.49	0.95	1.34	1.51	13.16
1968	0.06	0.10	0.14	0.26	0.40	0.47	0.53	0.58	0.68	0.68	5.42
1969	0.20	0.29	0.38	0.45	0.74	1.30	1.65	2.38	2.97	3.28	18.82
1970	0.07	0.12	0.15	0.24	0.42	0.55	0.64	0.90	1.14	1.37	8.42
1971	0.04	0.06	0.07	0.12	0.20	0.33	0.45	0.70	1.00	1.17	6.70
1972	0.06	0.12	0.18	0.26	0.35	0.41	0.57	0.92	0.99	1.00	3.88
1973	*****	*****	*****	*****	0.30	0.57	0.71	1.29	1.74	1.95	******
1974	*****	*****	*****	*****	0.55	0.82	1.14	1.82	2.31	2.34	10.07

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
T09 4767 0	LA PANZA RANCH	1550	20	29S	17E		M	35.383	120.167	SAN LUIS OBISPO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION O=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.09	0.12	0.15	0.22	0.34	0.52	0.68	0.97	1.25	1.56	9.05
5	0.12	0.17	0.22	0.31	0.48	0.74	0.96	1.37	1.77	2.21	12.73
10	0.14	0.21	0.26	0.37	0.58	0.88	1.15	1.64	2.12	2.64	15.14
20	0.17	0.24	0.30	0.42	0.67	1.02	1.33	1.89	2.45	3.05	17.39
25	0.17	0.25	0.31	0.44	0.70	1.06	1.39	1.97	2.55	3.18	18.10
40	0.19	0.27	0.34	0.48	0.75	1.15	1.50	2.13	2.76	3.44	19.55
50	0.19	0.28	0.35	0.49	0.78	1.19	1.56	2.21	2.86	3.57	20.23
100	0.22	0.31	0.39	0.55	0.86	1.32	1.72	2.45	3.17	3.95	22.30
200	0.24	0.34	0.42	0.60	0.95	1.44	1.89	2.68	3.46	4.32	24.33
1000	0.28	0.40	0.51	0.72	1.13	1.72	2.25	3.20	4.14	5.16	28.90
10000	0.35	0.50	0.62	0.88	1.39	2.11	2.77	3.93	5.08	6.34	35.22
PMP	0.66	0.95	1.19	1.69	2.67	4.06	5.31	7.54	9.76	12.17	69.24
MEAN	0.053	0.134	0.167	0.236	0.374	0.569	0.745	1.057	1.368	1.705	9.828
CLOCK HR. CORR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.040	1.295	2.024	1.339	1.007	1.313	1.320	1.216	1.218	1.124	1.657
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.419 ; INTERCEPT (TIME=1 HOUR) =0.378 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.03846 ; AVERAGE CALC CV / USED CV = 1.07

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.411	4.472	7.967	5.091	3.766	5.094	4.532	4.378	4.048	3.552	7.174
N	33	33	33	33	35	35	35	35	35	35	33
RECORD YEAR	1969	1956	1956	1956	1969	1969	1969	1969	1943	1943	1941
RECORD MAXIMUM	0.200	0.300	0.460	0.550	0.740	1.300	1.650	2.380	2.990	3.990	28.540
NORMILIZED MAX	2.428	2.728	3.756	3.066	2.566	3.196	2.839	2.750	2.527	2.489	3.601
CALC. COEF. VAR	0.474	0.456	0.494	0.433	0.382	0.403	0.428	0.455	0.469	0.538	0.529
REGN. COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
USED COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
MEAN/A	0.0095	0.0136	0.0170	0.0241	0.0380	0.0579	0.0758	0.1076	0.1392	0.1735	1.0000
RP10/A	0.0147	0.0210	0.0263	0.0372	0.0589	0.0895	0.1173	0.1665	0.2155	0.2686	1.5402
RP25/A	0.0176	0.0253	0.0316	0.0448	0.0708	0.1077	0.1411	0.2003	0.2593	0.3232	1.8413
RP50/A	0.0198	0.0284	0.0355	0.0503	0.0795	0.1210	0.1585	0.2249	0.2911	0.3628	2.0584
RP100/A	0.0219	0.0315	0.0393	0.0556	0.0880	0.1338	0.1753	0.2488	0.3221	0.4014	2.2692
RP1000/A	0.0287	0.0412	0.0514	0.0728	0.1151	0.1751	0.2294	0.3256	0.4214	0.5253	2.9404
RP10000/A	0.0352	0.0505	0.0631	0.0894	0.1413	0.2150	0.2816	0.3997	0.5173	0.6448	3.5842
PMP/A	0.0675	0.0970	0.1212	0.1716	0.2713	0.4128	0.5408	0.7675	0.9934	1.2382	7.0450

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T09 6736 0	PASO ROBLES	1040	11	26S	11E	M	35.683	120.750	SAN LUIS OBISPO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YP=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
	DURATION										
1940	0.04	0.08	0.11	0.20	0.32	0.56	0.72	1.35	1.97	2.13	******
1941	0.12	0.18	0.23	0.39	0.51	0.58	0.93	1.17	1.49	1.59	******
1942	0.15	0.17	0.21	0.28	0.48	0.75	1.01	1.84	2.32	2.55	******
1943	0.08	0.14	0.20	0.31	0.58	1.00	1.42	2.31	2.93	3.92	******
1944	0.04	0.07	0.10	0.20	0.39	0.59	0.77	0.88	1.27	2.01	******
1945	0.08	0.16	0.24	0.36	0.76	1.28	1.54	1.89	2.74	4.01	******
1946	0.08	0.12	0.17	0.23	0.37	0.72	1.09	1.63	2.29	2.76	******
1947	0.10	0.16	0.20	0.28	0.33	0.35	0.47	0.54	0.54	0.75	******
1948	0.06	0.11	0.14	0.24	0.42	0.60	0.70	1.05	1.83	1.98	******
1949	0.10	0.16	0.18	0.22	0.24	0.30	0.36	0.40	0.65	1.34	******
1950	0.04	0.08	0.12	0.21	0.34	0.55	0.67	1.26	1.44	1.44	******
1951	0.15	0.28	0.38	0.50	0.56	0.93	1.22	1.70	1.74	2.02	11.69
1952	0.12	0.18	0.24	0.32	0.42	0.57	0.78	1.00	1.33	1.76	19.55
1953	0.12	0.21	0.28	0.48	0.70	1.07	1.28	2.06	2.14	2.16	6.19
1954	0.09	0.16	0.23	0.30	0.53	0.78	1.00	1.09	1.80	1.86	14.50
1955	0.04	0.07	0.10	0.20	0.38	0.61	0.80	1.12	1.56	2.81	18.87
1956	0.04	0.07	0.08	0.15	0.25	0.49	0.72	1.32	1.81	1.94	7.48
1957	0.08	0.10	0.11	0.17	0.34	0.52	0.53	1.00	1.48	2.22	14.38
1958	0.09	0.11	0.14	0.23	0.37	0.63	0.83	1.08	1.61	2.21	24.43
1959	0.11	0.14	0.18	0.29	0.39	0.68	0.82	1.07	1.34	1.86	8.10
1960	0.05	0.07	0.10	0.18	0.36	0.46	0.57	1.11	1.51	1.51	13.71
1961	0.06	0.11	0.16	0.32	0.65	0.62	0.70	0.87	1.31	1.51	18.39
1962	0.30	0.41	0.48	0.63	1.01	1.49	1.66	2.01	2.83	3.27	13.31
1963	0.10	0.12	0.16	0.25	0.44	0.72	0.94	1.44	1.82	2.34	18.19
1964	0.07	0.12	0.18	0.25	0.36	0.61	0.68	0.73	1.09	1.28	10.70
1965	0.14	0.22	0.26	0.41	0.59	0.76	0.85	1.14	1.78	2.73	20.05
1966	0.14	0.20	0.27	0.38	0.67	0.97	1.16	2.08	3.09	5.05	17.51
1967	0.30	0.43	0.52	0.68	0.68	0.70	0.96	1.55	2.09	2.27	9.51
1968	0.08	0.10	0.12	0.20	0.35	0.57	0.57	0.77	0.90	1.28	9.32
1969	0.06	0.12	0.18	0.36	0.65	1.13	1.50	2.20	2.90	3.72	26.78
1970	0.09	0.15	0.19	0.26	0.43	0.70	0.92	1.14	1.37	1.86	17.80
1971	0.04	0.06	0.09	0.18	0.29	0.58	0.70	1.15	1.49	2.06	10.58
1972	0.06	0.12	0.14	0.25	0.37	0.62	0.86	1.25	1.73	2.27	7.96
1973	*****	*****	*****	*****	0.46	0.77	1.11	2.15	2.92	2.98	23.02
1974	*****	*****	*****	*****	0.58	1.10	1.59	2.20	2.60	3.14	18.28

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T09 6736 0	PASO ROBLES	1040	11	26S	11E	M	35.683	120.750	SAN LUIS OBISPO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.09	0.14	0.18	0.27	0.43	0.66	0.85	1.24	1.66	2.10	13.83
5	0.13	0.20	0.25	0.39	0.61	0.94	1.20	1.76	2.36	2.98	19.44
10	0.15	0.23	0.30	0.46	0.72	1.12	1.43	2.10	2.82	3.56	23.12
20	0.17	0.27	0.35	0.54	0.84	1.29	1.66	2.43	3.25	4.11	26.57
25	0.18	0.28	0.37	0.56	0.87	1.35	1.73	2.53	3.39	4.29	27.64
40	0.20	0.30	0.40	0.61	0.94	1.46	1.87	2.74	3.67	4.66	29.86
50	0.20	0.32	0.41	0.63	0.98	1.51	1.94	2.84	3.81	4.81	30.90
100	0.23	0.35	0.45	0.69	1.08	1.68	2.14	3.14	4.21	5.33	34.07
200	0.25	0.38	0.50	0.76	1.18	1.83	2.35	3.44	4.61	5.83	37.16
1000	0.30	0.46	0.60	0.91	1.42	2.19	2.80	4.11	5.51	6.97	44.14
10000	0.36	0.56	0.73	1.12	1.74	2.69	3.44	5.05	6.76	8.55	53.81
PMP	0.70	1.08	1.40	2.14	3.34	5.17	6.61	9.69	12.99	16.42	105.76
MEAN	0.098	0.151	0.197	0.300	0.468	0.725	0.927	1.359	1.820	2.302	15.012
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.171	2.004	1.733	1.530	1.295	1.153	0.699	0.356	0.313	1.113	0.267
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.371 ; INTERCEPT (TIME=1 HOUR) =0.467 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.03108 ; AVERAGE CALC CV / USED CV = 1.12

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	8.570	7.640	6.480	5.452	5.324	4.568	3.065	2.435	2.767	4.715	2.552
N	33	33	33	33	35	35	35	35	35	35	24
RECORD YEAR	1962	1967	1967	1967	1962	1962	1962	1943	1966	1966	1969
RECORD MAXIMUM	0.300	0.430	0.520	0.680	1.010	1.490	1.660	2.310	3.090	5.050	26.780
NORMILIZED MAX	3.265	3.260	3.160	3.018	3.326	2.987	2.233	1.867	1.932	3.069	2.064
CALC. COEF. VAR	0.635	0.567	0.520	0.419	0.349	0.354	0.354	0.375	0.361	0.389	0.380
REGN. COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
USED COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
MEAN/A	0.0065	0.0101	0.0131	0.0200	0.0312	0.0483	0.0617	0.0905	0.1213	0.1533	1.0000
RP10/A	0.0101	0.0156	0.0203	0.0310	0.0482	0.0747	0.0955	0.1401	0.1877	0.2373	1.5402
RP25/A	0.0121	0.0187	0.0244	0.0373	0.0580	0.0899	0.1149	0.1685	0.2258	0.2856	1.8413
RP50/A	0.0136	0.0210	0.0274	0.0418	0.0651	0.1009	0.1290	0.1892	0.2535	0.3206	2.0584
RP100/A	0.0150	0.0233	0.0303	0.0463	0.0721	0.1117	0.1428	0.2093	0.2805	0.3547	2.2692
RP1000/A	0.0197	0.0304	0.0397	0.0605	0.0943	0.1461	0.1868	0.2739	0.3670	0.4641	2.9404
RP10000/A	0.0242	0.0374	0.0487	0.0743	0.1158	0.1793	0.2293	0.3363	0.4505	0.5698	3.5842
PMP/A	0.0464	0.0717	0.0935	0.1427	0.2223	0.3444	0.4404	0.6457	0.8651	1.0941	7.0450

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
T09 7933 0	SANTA MARGARITA BOOSTER	974	17	29S	13E		M	35.401	120.602	SAN LUIS OBISPO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1967	*****	*****	0.40	0.54	0.89	1.40	1.84	3.14	5.65	5.77	51.60
1968	*****	*****	0.37	0.53	0.79	1.15	1.26	1.70	1.85	1.85	20.11
1969	*****	*****	0.31	0.53	0.87	1.50	2.35	3.50	5.06	6.55	60.50
1970	*****	*****	0.30	0.45	0.52	0.60	1.00	1.49	2.20	2.90	23.86
1971	*****	*****	0.29	0.30	0.50	0.79	1.00	1.55	2.80	2.89	26.15
1972	*****	*****	0.17	0.25	0.40	0.65	0.85	1.52	1.60	2.90	15.62
1973	*****	*****	0.45	0.65	0.96	2.06	2.53	3.55	6.17	7.02	44.67
1974	0.12	0.18	0.25	0.39	0.70	1.02	1.47	1.98	2.98	4.14	36.21
1975	0.19	0.22	0.23	0.40	0.65	0.86	1.30	2.04	2.48	2.87	29.55

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
T09 7933 0	SANTA MARGARITA BOOSTER	974	17	29S	13E		M	35.401	120.602	SAN LUIS OBISPO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.14	0.18	0.28	0.41	0.64	1.02	1.38	2.08	3.13	3.75	31.56
5	0.20	0.26	0.40	0.58	0.90	1.44	1.96	2.94	4.43	5.30	44.36
10	0.24	0.31	0.48	0.69	1.08	1.72	2.34	3.52	5.29	6.34	52.76
20	0.28	0.36	0.55	0.80	1.25	1.99	2.70	4.06	6.11	7.33	60.62
25	0.29	0.37	0.57	0.84	1.30	2.08	2.81	4.24	6.37	7.63	63.07
40	0.31	0.40	0.62	0.91	1.41	2.25	3.05	4.59	6.90	8.27	68.14
50	0.32	0.42	0.64	0.94	1.46	2.33	3.16	4.76	7.15	8.57	70.50
100	0.36	0.46	0.71	1.04	1.61	2.58	3.50	5.26	7.91	9.48	77.73
200	0.39	0.51	0.78	1.14	1.77	2.82	3.83	5.76	8.66	10.38	84.78
1000	0.47	0.61	0.93	1.36	2.11	3.37	4.57	6.88	10.35	12.41	100.72
10000	0.58	0.74	1.14	1.67	2.59	4.14	5.61	8.45	12.71	15.23	122.77
PMP	1.11	1.43	2.20	3.20	4.98	7.95	10.78	16.23	24.41	29.25	241.31
MEAN	0.155	0.200	0.308	0.449	0.698	1.114	1.511	2.274	3.421	4.099	34.252
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.148	-0.120	-0.190	0.973	0.804	0.742	0.724	0.627	0.614
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.354 ; INTERCEPT (TIME=1 HOUR) =0.716 ; COEFFICIENT OF DETERMINATION = 0.982
1HR INTERCEPT / MEAN YR =0.02089 ; AVERAGE CALC CV / USED CV = 0.74

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	3.707	3.556	2.882	4.650	3.474	2.758	2.939	2.918	3.417
N	2	2	9	9	9	9	9	9	9	9	9
RECORD YEAR	1975	1975	1973	1973	1973	1973	1973	1973	1973	1973	1969
RECORD MAXIMUM	0.190	0.220	0.450	0.650	0.960	2.060	2.530	3.550	6.170	7.020	60.500
NORMILIZED MAX	0.707	0.707	1.624	1.581	1.342	2.002	1.687	1.466	1.589	1.555	1.728
CALC. COEF. VAR	0.319	0.141	0.285	0.283	0.280	0.424	0.400	0.383	0.506	0.458	0.443
REGN. COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
USED COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
MEAN/A	0.0045	0.0058	0.0090	0.0131	0.0204	0.0325	0.0441	0.0664	0.0999	0.1197	1.0000
RP10/A	0.0070	0.0090	0.0139	0.0203	0.0315	0.0504	0.0683	0.1028	0.1546	0.1852	1.5402
RP25/A	0.0084	0.0109	0.0167	0.0244	0.0379	0.0606	0.0822	0.1237	0.1860	0.2229	1.8413
RP50/A	0.0095	0.0122	0.0188	0.0274	0.0426	0.0680	0.0922	0.1388	0.2088	0.2502	2.0584
RP100/A	0.0105	0.0135	0.0208	0.0303	0.0471	0.0753	0.1021	0.1536	0.2311	0.2768	2.2692
RP1000/A	0.0137	0.0177	0.0272	0.0397	0.0617	0.0985	0.1335	0.2010	0.3023	0.3622	2.9404
RP10000/A	0.0168	0.0217	0.0334	0.0487	0.0757	0.1209	0.1639	0.2467	0.3711	0.4446	3.5842
PMP/A	0.0323	0.0417	0.0641	0.0935	0.1454	0.2321	0.3148	0.4738	0.7126	0.8538	7.0450

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
T10 320 5	ARROYO GRANDE	110	29	32S	13E	F	M	0.0	0.0	SAN LUIS OBISPO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1967	*****	*****	0.40	0.43	0.44	0.60	0.65	0.71	0.97	1.12	17.10
1968	*****	*****	0.30	0.31	0.45	0.59	0.65	1.00	1.00	1.00	8.05
1969	*****	*****	0.30	0.43	0.52	0.85	1.00	1.65	2.30	2.97	24.90
1970	*****	*****	0.40	0.45	0.58	0.63	0.65	0.67	0.95	1.45	9.51
1971	*****	*****	0.15	0.16	0.31	0.60	0.90	1.40	1.69	1.86	13.08
1972	*****	*****	0.31	0.45	0.95	1.74	1.92	2.35	2.35	2.35	6.45
1973	*****	*****	0.39	0.43	0.65	0.85	1.00	1.60	2.52	2.65	20.88
1974	0.12	0.16	0.21	0.29	0.48	0.79	1.10	1.74	2.40	2.75	19.21
1975	0.15	0.25	0.30	0.44	0.64	0.90	1.20	1.88	2.23	2.37	13.37

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
T10 320 5	ARROYO GRANDE	110	29	32S	13E	F	M	0.0	0.0	SAN LUIS OBISPO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.12	0.19	0.28	0.34	0.51	0.77	0.92	1.32	1.66	1.88	13.57
5	0.17	0.27	0.40	0.49	0.72	1.09	1.30	1.87	2.35	2.66	19.08
10	0.21	0.32	0.47	0.58	0.86	1.30	1.56	2.24	2.80	3.18	22.68
20	0.24	0.37	0.55	0.67	1.00	1.50	1.80	2.58	3.24	3.68	26.06
25	0.25	0.38	0.57	0.70	1.04	1.56	1.88	2.69	3.37	3.83	27.12
40	0.27	0.41	0.62	0.76	1.13	1.69	2.03	2.91	3.66	4.15	29.30
50	0.28	0.43	0.64	0.79	1.17	1.75	2.11	3.02	3.79	4.30	30.32
100	0.31	0.47	0.71	0.87	1.29	1.94	2.33	3.34	4.19	4.76	33.42
200	0.34	0.52	0.78	0.95	1.41	2.12	2.55	3.66	4.59	5.21	36.46
1000	0.41	0.62	0.93	1.14	1.69	2.54	3.05	4.37	5.49	6.23	43.31
10000	0.50	0.76	1.14	1.40	2.07	3.12	3.74	5.37	6.73	7.65	52.79
PMP	0.96	1.46	2.19	2.69	3.98	5.99	7.19	10.31	12.93	14.68	103.76
MEAN	0.135	0.205	0.307	0.377	0.558	0.839	1.008	1.444	1.812	2.058	14.728
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	-0.656	-1.684	1.155	2.338	1.590	-0.078	-0.535	-0.368	0.247
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.449 ; INTERCEPT (TIME=1 HOUR) =0.566 ; COEFFICIENT OF DETERMINATION = 0.986
1HR INTERCEPT / MEAN YR =0.03843 ; AVERAGE CALC CV / USED CV = 0.76

KURTOSIS	0.0	0.0	4.025	5.430	6.183	9.616	7.072	3.470	2.407	2.753	3.173
N	2	2	9	9	9	9	9	9	9	9	9
RECORD YEAR	1975	1975	1967	1970	1972	1972	1972	1972	1973	1969	1969
RECORD MAXIMUM	0.150	0.250	0.400	0.450	0.950	1.740	1.920	2.350	2.520	2.970	24.900
NORMILIZED MAX	0.707	0.707	1.092	0.723	2.159	2.502	2.286	1.619	1.020	1.251	1.629
CALC. COEF. VAR	0.157	0.310	0.279	0.269	0.326	0.429	0.396	0.387	0.383	0.354	0.424
REGN. COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
USED COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
MEAN/A	0.0092	0.0139	0.0208	0.0256	0.0379	0.0570	0.0684	0.0981	0.1230	0.1397	1.0000
RP10/A	0.0142	0.0215	0.0322	0.0396	0.0586	0.0882	0.1059	0.1518	0.1904	0.2162	1.5402
RP25/A	0.0171	0.0259	0.0388	0.0476	0.0705	0.1061	0.1274	0.1826	0.2291	0.2602	1.8413
RP50/A	0.0192	0.0291	0.0435	0.0535	0.0792	0.1191	0.1431	0.2050	0.2572	0.2921	2.0584
RP100/A	0.0212	0.0322	0.0482	0.0592	0.0876	0.1318	0.1583	0.2269	0.2846	0.3232	2.2692
RP1000/A	0.0277	0.0421	0.0630	0.0774	0.1146	0.1724	0.2071	0.2969	0.3724	0.4229	2.9404
RP10000/A	0.0341	0.0517	0.0774	0.0950	0.1407	0.2116	0.2543	0.3644	0.4572	0.5192	3.5842
PMP/A	0.0654	0.0993	0.1486	0.1825	0.2702	0.4064	0.4882	0.6998	0.8779	0.9969	7.0450

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T10 3B8 2	HEARST CASTLE	1565	12	26S	07E			35.686	121.166	SAN LUIS OBISPO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1967	*****	*****	0.46	0.59	0.66	0.90	1.05	1.33	1.50	2.40	19.10
1968	*****	*****	0.50	0.75	0.95	1.15	1.15	1.25	1.43	1.69	16.15
1969	*****	*****	0.45	0.60	1.05	1.60	1.80	2.55	3.33	6.18	49.35
1970	*****	*****	0.26	0.51	0.60	1.10	1.49	2.20	3.83	3.83	26.42
1971	*****	*****	0.23	0.30	0.40	0.65	0.70	1.13	1.75	3.20	23.36
1972	*****	*****	0.53	0.99	1.19	1.65	1.71	2.25	2.30	2.35	16.60
1973	*****	*****	0.75	0.80	1.10	1.13	1.53	2.25	2.80	5.35	38.68
1974	0.12	0.18	0.22	0.33	0.63	0.80	1.29	1.63	2.60	4.73	40.52
1975	0.15	0.18	0.20	0.29	0.50	0.78	1.12	1.49	2.22	3.81	27.19

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T10 3B8 2	HEARST CASTLE	1565	12	26S	07E			35.686	121.166	SAN LUIS OBISPO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.12	0.16	0.37	0.52	0.72	0.99	1.20	1.63	2.21	3.41	26.55
5	0.17	0.23	0.52	0.74	1.02	1.40	1.70	2.31	3.13	4.82	37.33
10	0.21	0.28	0.62	0.89	1.22	1.68	2.04	2.77	3.74	5.77	44.39
20	0.24	0.32	0.71	1.02	1.41	1.94	2.35	3.19	4.32	6.66	51.00
25	0.25	0.34	0.74	1.07	1.46	2.02	2.45	3.33	4.50	6.94	53.06
40	0.27	0.36	0.81	1.16	1.59	2.19	2.65	3.61	4.88	7.52	57.33
50	0.28	0.38	0.84	1.20	1.64	2.27	2.75	3.74	5.05	7.79	59.32
100	0.31	0.42	0.93	1.33	1.82	2.51	3.04	4.13	5.59	8.62	65.40
200	0.34	0.46	1.01	1.45	1.99	2.75	3.33	4.52	6.12	9.43	71.33
1000	0.41	0.54	1.21	1.74	2.38	3.28	3.98	5.41	7.32	11.28	84.74
10000	0.50	0.67	1.49	2.13	2.92	4.03	4.89	6.64	8.98	13.85	103.29
PMP	0.96	1.28	2.85	4.09	5.61	7.74	9.39	12.75	17.25	26.59	203.03
MEAN	0.135	0.180	0.400	0.573	0.787	1.084	1.316	1.787	2.418	3.727	28.819
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.624	0.352	0.170	0.661	-0.275	0.166	0.472	0.317	0.632
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.357 ; INTERCEPT (TIME=1 HOUR) =0.737 ; COEFFICIENT OF DETERMINATION = 0.861
1HR INTERCEPT / MEAN YR =0.02556 ; AVERAGE CALC CV / USED CV = 0.82

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	3.894	3.366	2.548	3.550	3.726	2.440	3.569	3.334	3.409
N	2	2	0	9	9	9	9	9	9	9	9
RECORD YEAR	1975	1974	1973	1972	1972	1972	1969	1969	1970	1969	1969
RECORD MAXIMUM	0.150	0.180	0.750	0.990	1.190	1.650	1.800	2.550	3.830	6.180	49.350
NORMILIZED MAX	0.707	0.0	1.883	1.709	1.400	1.609	1.382	1.448	1.731	1.647	1.757
CALC. COEF. VAR	0.157	0.0	0.465	0.425	0.366	0.324	0.266	0.295	0.337	0.400	0.406
REGN. COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
USED COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
MEAN/A	0.0047	0.0062	0.0139	0.0199	0.0273	0.0376	0.0456	0.0620	0.0839	0.1293	1.0000
RP10/A	0.0072	0.0097	0.0215	0.0308	0.0422	0.0582	0.0706	0.0959	0.1298	0.2001	1.5402
RP25/A	0.0087	0.0116	0.0258	0.0370	0.0508	0.0701	0.0850	0.1155	0.1562	0.2408	1.8413
RP50/A	0.0098	0.0131	0.0290	0.0416	0.0571	0.0787	0.0954	0.1296	0.1754	0.2703	2.0584
RP100/A	0.0108	0.0144	0.0321	0.0460	0.0631	0.0870	0.1056	0.1434	0.1941	0.2991	2.2692
RP1000/A	0.0142	0.0189	0.0420	0.0602	0.0826	0.1139	0.1382	0.1877	0.2539	0.3914	2.9404
RP10000/A	0.0174	0.0232	0.0516	0.0739	0.1014	0.1398	0.1696	0.2304	0.3117	0.4805	3.5842
PMP/A	0.0334	0.0446	0.0990	0.1419	0.1948	0.2685	0.3257	0.4423	0.5986	0.9226	7.0450

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMN	LATITUDE	LONGITUDE	COUNTY
T10 5098 50	LOPEZ DAM	547	33	31S	14E		M	35.186	120.833	SAN LUIS OBISPO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1967	*****	*****	0.19	0.21	0.30	0.51	0.64	1.00	1.24	1.60	******
1968	*****	*****	0.36	0.44	0.77	1.18	1.26	0.90	1.30	1.65	******
1969	*****	*****	0.45	0.75	1.06	1.49	1.55	2.45	3.37	5.40	33.78
1970	*****	*****	0.25	0.34	0.50	0.67	0.86	1.31	1.80	2.10	13.41
1971	*****	*****	0.20	0.29	0.35	0.63	0.87	0.94	1.45	1.70	11.19
1972	*****	*****	0.41	0.71	1.07	1.45	1.77	2.25	2.40	2.49	9.23
1973	*****	*****	0.45	0.47	0.57	1.05	1.40	2.44	2.85	3.15	21.59
1974	0.13	0.23	0.28	0.42	0.64	1.06	1.54	2.00	2.32	2.85	25.66
1975	0.15	0.26	0.30	0.38	0.50	0.82	1.20	2.03	2.36	2.44	17.54

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMN	LATITUDE	LONGITUDE	COUNTY
T10 5098 50	LOPEZ DAM	547	33	31S	14E		M	35.186	120.833	SAN LUIS OBISPO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.13	0.22	0.29	0.41	0.58	0.90	1.13	1.56	1.94	2.37	17.43
5	0.18	0.32	0.42	0.58	0.83	1.27	1.59	2.20	2.74	3.36	24.50
10	0.22	0.38	0.50	0.69	0.99	1.52	1.91	2.63	3.28	4.02	29.13
20	0.25	0.44	0.57	0.80	1.14	1.76	2.20	3.04	3.79	4.64	33.47
25	0.26	0.46	0.60	0.83	1.19	1.83	2.29	3.17	3.95	4.84	34.83
40	0.28	0.49	0.65	0.90	1.29	1.99	2.49	3.43	4.28	5.24	37.63
50	0.29	0.51	0.67	0.93	1.34	2.06	2.58	3.56	4.43	5.43	38.93
100	0.32	0.57	0.74	1.03	1.48	2.28	2.85	3.94	4.91	6.01	42.92
200	0.35	0.62	0.81	1.13	1.62	2.49	3.12	4.31	5.37	6.58	46.82
1000	0.42	0.74	0.97	1.35	1.94	2.98	3.73	5.15	6.42	7.86	55.62
10000	0.52	0.91	1.19	1.66	2.38	3.66	4.58	6.32	7.88	9.65	67.79
PMP	1.00	1.75	2.29	3.18	4.57	7.02	8.79	12.15	15.13	18.54	133.25
MEAN	0.140	0.245	0.321	0.446	0.640	0.984	1.232	1.702	2.121	2.598	18.914
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.090	0.784	0.640	0.188	-0.256	-0.180	0.332	1.890	0.722
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.416 ; INTERCEPT (TIME=1 HOUR) =0.660 ; COEFFICIENT OF DETERMINATION = 0.988
1HR INTERCEPT / MEAN YR =0.03491 ; AVERAGE CALC CV / USED CV = 0.70

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	2.673	3.976	3.462	2.960	3.148	2.224	3.383	7.897	4.476
N	2	2	9	9	9	9	9	9	9	9	7
RECORD YEAR	1975	1975	1969	1969	1972	1969	1972	1969	1969	1969	1969
RECORD MAXIMUM	0.150	0.260	0.450	0.750	1.070	1.490	1.770	2.450	3.370	5.400	33.780
NORMILIZED MAX	0.707	0.707	1.275	1.692	1.542	1.432	1.428	1.135	1.710	2.368	1.699
CALC. COEF. VAR	0.101	0.087	0.315	0.404	0.436	0.359	0.306	0.387	0.344	0.456	0.463
REGN. COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
USED COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
MEAN/A	0.0074	0.0130	0.0170	0.0236	0.0338	0.0520	0.0651	0.0900	0.1121	0.1373	1.0000
RP10/A	0.0115	0.0200	0.0263	0.0365	0.0524	0.0806	0.1008	0.1393	0.1736	0.2126	1.5402
RP25/A	0.0138	0.0241	0.0316	0.0439	0.0630	0.0969	0.1213	0.1676	0.2088	0.2558	1.8413
RP50/A	0.0155	0.0271	0.0355	0.0492	0.0707	0.1088	0.1362	0.1881	0.2344	0.2871	2.0584
RP100/A	0.0171	0.0300	0.0393	0.0545	0.0783	0.1204	0.1507	0.2082	0.2594	0.3177	2.2692
RP1000/A	0.0224	0.0392	0.0514	0.0713	0.1024	0.1575	0.1972	0.2724	0.3394	0.4157	2.9404
RP10000/A	0.0275	0.0481	0.0631	0.0875	0.1257	0.1934	0.2421	0.3344	0.4167	0.5103	3.5842
PMP/A	0.0528	0.0924	0.1211	0.1681	0.2414	0.3714	0.4648	0.6421	0.8001	0.9800	7.0450

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
T10 7851 0	SAN LUIS OBISPO POLY	300	23	30S	12E		M	35.300	120.667	SAN LUIS OBISPO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1905	*****	*****	*****	*****	0.47	0.81	1.20	2.01	2.63	3.43	19.43
1906	*****	*****	*****	*****	0.64	1.14	1.45	2.36	3.15	3.67	32.09
1907	*****	*****	*****	*****	0.51	0.88	1.04	1.37	1.85	2.51	25.13
1908	*****	*****	*****	*****	0.45	0.76	1.06	1.33	1.96	2.49	15.28
1909	*****	*****	*****	*****	0.94	1.51	1.88	2.90	4.09	4.99	40.40
1910	*****	*****	*****	*****	0.56	0.79	0.98	1.28	1.33	1.35	9.88
1911	*****	*****	*****	*****	0.59	1.34	2.22	3.15	4.75	5.97	36.81
1912	*****	*****	*****	*****	0.38	0.63	0.92	1.41	1.81	2.06	13.90
1913	*****	*****	*****	*****	0.29	0.60	0.72	1.01	1.19	1.76	18.19
1914	*****	*****	*****	*****	0.47	0.80	1.12	2.07	3.42	4.92	26.75
1915	*****	*****	*****	*****	0.62	0.96	1.57	1.79	2.53	3.39	25.89
1916	*****	*****	*****	*****	0.43	0.85	1.13	2.14	3.31	4.62	36.40
1917	*****	*****	*****	*****	0.33	0.59	0.82	1.22	2.11	2.68	10.35
1918	*****	*****	*****	*****	0.66	0.92	1.20	1.35	2.19	2.63	24.82
1919	*****	*****	*****	*****	0.55	0.82	0.94	1.30	1.66	2.09	15.82
1920	*****	*****	*****	*****	0.36	0.69	0.92	1.12	1.22	1.22	16.41
1921	*****	*****	*****	*****	0.45	1.16	1.46	1.93	2.15	2.15	20.46
1922	*****	*****	*****	*****	0.42	0.93	1.00	1.26	2.14	2.39	27.83
1923	*****	*****	*****	*****	0.46	0.81	1.07	1.38	1.42	2.72	12.78
1924	*****	*****	*****	*****	0.40	0.67	0.93	0.68	1.60	1.67	10.19
1925	*****	*****	*****	*****	0.68	1.19	1.47	1.92	2.26	2.48	21.23
1926	*****	*****	*****	*****	1.00	1.15	1.30	1.63	2.39	4.48	25.62
1940	*****	*****	*****	*****	0.73	1.28	1.52	2.13	3.19	3.48	30.68
1941	*****	*****	*****	*****	0.98	1.20	1.42	2.00	2.66	2.95	44.52
1942	*****	*****	*****	*****	0.47	0.73	0.89	2.08	2.06	2.52	16.54
1943	0.10	0.19	0.25	0.36	0.71	1.00	1.34	1.57	3.22	4.71	26.96
1944	0.20	0.25	0.27	0.41	0.62	0.75	0.83	1.11	2.02	2.75	23.75
1945	0.10	0.16	0.21	0.34	0.61	0.78	1.07	1.57	2.53	3.68	22.33
1946	0.20	0.25	0.39	0.53	0.77	0.99	1.13	1.88	3.07	3.69	18.45
1947	0.09	0.12	0.15	0.16	0.31	0.61	0.66	0.79	1.12	1.27	6.37
1948	0.13	0.21	0.26	0.42	0.68	0.82	0.92	1.55	1.90	1.99	16.42
1949	0.08	0.15	0.20	0.35	0.55	0.80	1.06	1.40	1.94	2.09	16.84
1950	0.24	0.45	0.50	0.60	0.79	1.04	1.34	1.94	2.12	2.27	21.12
1951	0.16	0.19	0.22	0.26	0.48	0.66	0.78	1.24	1.88	2.40	18.74
1952	0.36	0.40	0.45	0.78	1.04	1.31	1.50	2.02	2.76	3.45	28.81
1953	0.12	0.19	0.26	0.43	0.71	1.34	1.70	2.42	2.50	2.50	9.94
1954	0.19	0.27	0.25	0.33	0.60	1.16	1.46	1.79	1.99	2.17	21.77
1955	0.15	0.23	0.28	0.38	0.65	1.05	1.20	1.65	2.49	3.86	24.25
1956	0.06	0.10	0.14	0.28	0.56	1.06	1.55	2.92	3.87	4.28	13.48
1957	0.07	0.14	0.21	0.36	0.60	0.90	1.26	1.64	1.80	2.13	20.54
1958	0.09	0.18	0.22	0.30	0.60	1.03	1.38	1.99	2.14	2.35	28.58
1959	0.16	0.24	0.27	0.35	0.51	0.83	0.96	1.02	1.79	2.26	11.38
1960	0.16	0.26	0.32	0.41	0.44	0.56	0.70	0.81	1.13	1.48	19.99
1961	0.08	0.15	0.22	0.38	0.44	0.85	1.12	1.78	2.98	3.02	12.22
1962	0.18	0.27	0.38	0.72	1.25	1.80	2.06	2.33	3.53	4.00	23.58
1963	0.12	0.17	0.25	0.42	0.84	1.12	1.32	2.00	3.47	4.70	26.46
1964	0.23	0.32	0.42	0.52	0.60	0.79	0.83	1.05	1.23	1.75	19.21
1965	*****	*****	*****	*****	0.50	0.80	1.10	1.60	1.60	2.80	23.50
1966	*****	*****	*****	*****	0.40	0.80	1.20	1.80	2.30	2.30	17.60
1967	*****	*****	*****	*****	0.80	1.30	1.70	2.50	3.10	3.30	28.70
1968	*****	*****	*****	*****	0.60	0.80	0.90	1.00	1.20	1.60	16.60
1969	*****	*****	*****	*****	0.90	1.40	2.00	3.60	5.10	7.90	48.76
1970	*****	*****	*****	*****	0.90	1.40	1.70	1.98	2.20	2.50	24.90
1971	*****	*****	*****	*****	0.30	0.60	0.90	1.40	1.50	2.00	13.40
1972	*****	*****	*****	*****	0.50	0.60	0.60	0.80	0.80	1.00	14.39
1973	*****	*****	*****	*****	0.40	0.80	1.10	1.70	2.10	2.30	39.16

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN DRDFP SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
710 7851 0	SAN LUIS OBISPO POLY	300	23	30S	12E		M	35.300	120.667	SAN LUIS OBISPO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	6-YR
2	0.14	0.20	0.25	0.38	0.55	0.86	1.10	1.56	2.13	2.66	20.33
5	0.19	0.28	0.36	0.53	0.77	1.22	1.56	2.21	3.01	3.77	28.58
10	0.23	0.34	0.43	0.64	0.93	1.46	1.87	2.64	3.61	4.51	33.98
20	0.27	0.39	0.50	0.74	1.07	1.69	2.16	3.05	4.16	5.21	39.05
25	0.28	0.41	0.52	0.77	1.11	1.76	2.25	3.18	4.34	5.42	40.63
40	0.30	0.44	0.56	0.83	1.21	1.91	2.44	3.45	4.70	5.88	43.89
50	0.31	0.46	0.58	0.86	1.25	1.98	2.52	3.57	4.87	6.09	45.42
100	0.34	0.51	0.64	0.96	1.38	2.19	2.79	3.95	5.39	6.74	50.07
200	0.38	0.56	0.70	1.05	1.51	2.39	3.06	4.33	5.90	7.37	54.61
1000	0.45	0.67	0.84	1.25	1.81	2.86	3.65	5.17	7.05	8.82	64.88
10000	0.55	0.82	1.03	1.54	2.22	3.51	4.49	6.35	8.66	10.82	79.08
PMP	1.06	1.57	1.98	2.95	4.27	6.75	8.61	12.19	16.62	20.78	155.44
MEAN	0.149	0.220	0.278	0.413	0.598	0.946	1.207	1.708	2.329	2.913	22.064
CLOCK HR. COF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.274	1.252	0.920	1.090	0.959	0.857	0.769	0.806	0.927	1.435	0.860
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.418 ; INTERCEPT (TIME=1 HOUR) =0.624 ; COEFFICIENT OF DETERMINATION = 0.999
IMP INTERCEPT / MEAN YR =0.02826 ; AVERAGE CALC CV / USED CV = 0.87

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	6-YR
KURTOSIS	5.593	5.017	3.579	4.767	3.986	3.598	3.452	4.138	4.098	6.193	3.881
N	22	22	22	22	56	56	56	56	56	56	56
RECORD YEAR	1952	1950	1950	1952	1962	1962	1911	1969	1969	1969	1969
RECORD MAXIMUM	0.360	0.450	0.500	0.780	1.250	1.800	2.220	3.600	5.100	7.900	48.760
NORMILIZED MAX	2.988	2.696	2.346	2.548	3.189	3.163	2.806	3.149	3.070	3.894	2.967
CALC. COEF. VAR	0.476	0.388	0.340	0.348	0.342	0.286	0.299	0.352	0.387	0.440	0.408
REGN. COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
USED COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
MEAN/A	0.0067	0.0100	0.0126	0.0187	0.0271	0.0429	0.0547	0.0774	0.1056	0.1320	1.0000
RP10/A	0.0104	0.0154	0.0195	0.0290	0.0420	0.0663	0.0847	0.1198	0.1634	0.2043	1.5402
RP25/A	0.0125	0.0186	0.0235	0.0349	0.0505	0.0798	0.1019	0.1442	0.1966	0.2459	1.8413
RP50/A	0.0141	0.0208	0.0264	0.0391	0.0567	0.0896	0.1144	0.1619	0.2207	0.2760	2.0584
RP100/A	0.0156	0.0231	0.0292	0.0433	0.0627	0.0997	0.1266	0.1791	0.2442	0.3054	2.2692
RP1000/A	0.0204	0.0302	0.0382	0.0567	0.0821	0.1297	0.1656	0.2344	0.3196	0.3996	2.9404
RP10000/A	0.0250	0.0370	0.0468	0.0696	0.1007	0.1593	0.2033	0.2877	0.3923	0.4905	3.5842
PMP/A	0.0481	0.0711	0.0900	0.1336	0.1934	0.3058	0.3904	0.5524	0.7533	0.9419	7.0450

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T10 R18B 90	UPPER TORD CREEK	1440		2RS	11E		M	35.461	120.758	SAN LUIS OBISPO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1970	0.30	0.33	0.36	0.41	0.62	0.83	1.05	1.79	2.99	4.20	13.97
1971	0.15	0.23	0.33	0.42	0.56	0.79	0.95	1.44	2.28	2.75	23.27
1972	0.11	0.15	0.18	0.32	0.40	0.53	0.67	1.00	1.43	2.05	11.94
1973	0.15	0.30	0.45	0.68	0.97	1.31	1.72	2.48	3.90	4.95	40.71
1974	0.13	0.21	0.25	0.36	0.67	1.04	1.57	2.35	3.13	4.00	33.59
1975	0.18	0.32	0.34	0.45	0.73	1.00	1.23	1.61	2.09	2.60	23.85

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T10 R18B 90	UPPER TORD CREEK	1440		2RS	11E		M	35.461	120.758	SAN LUIS OBISPO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.16	0.23	0.29	0.40	0.61	0.84	1.10	1.63	2.41	3.13	22.62
5	0.22	0.33	0.41	0.57	0.86	1.19	1.55	2.30	3.41	4.43	31.80
10	0.26	0.40	0.49	0.68	1.03	1.42	1.85	2.75	4.08	5.30	37.82
20	0.30	0.46	0.57	0.79	1.19	1.64	2.14	3.18	4.71	6.12	43.45
25	0.32	0.48	0.59	0.82	1.24	1.71	2.23	3.31	4.91	6.38	45.21
40	0.34	0.52	0.64	0.89	1.34	1.85	2.42	3.59	5.32	6.91	48.85
50	0.36	0.54	0.67	0.92	1.39	1.92	2.51	3.72	5.51	7.16	50.54
100	0.39	0.59	0.74	1.02	1.53	2.12	2.77	4.11	6.10	7.92	55.72
200	0.43	0.65	0.81	1.11	1.68	2.32	3.03	4.50	6.68	8.67	60.78
1000	0.51	0.78	0.96	1.33	2.01	2.77	3.63	5.38	7.98	10.37	72.20
10000	0.63	0.95	1.18	1.63	2.46	3.41	4.45	6.61	9.80	12.73	88.01
PMP	1.21	1.83	2.27	3.14	4.73	6.54	8.55	12.69	18.81	24.44	172.99
MEAN	0.170	0.257	0.318	0.440	0.663	0.917	1.198	1.778	2.637	3.425	24.555
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.829	-0.497	-0.222	1.718	0.476	0.046	0.134	0.029	0.095	0.156	0.386
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.466 ; INTERCEPT (TIME=1 HOUR) =0.654 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.02661 ; AVERAGE CALC CV / USED CV = 0.75

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	8.548	4.216	5.488	8.402	6.702	5.743	4.389	4.455	4.915	3.846	4.454
N	6	6	6	6	6	6	6	6	6	6	6
RECORD YEAR	1970	1970	1973	1973	1973	1973	1973	1973	1973	1973	1973
RECORD MAXIMUM	0.300	0.330	0.450	0.680	0.970	1.310	1.720	2.480	3.900	4.950	40.710
NORMILIZED MAX	1.917	1.026	1.412	1.900	1.639	1.487	1.326	1.253	1.440	1.360	1.456
CALC. COEF. VAR	0.399	0.278	0.293	0.287	0.282	0.289	0.328	0.315	0.333	0.327	0.452
REGN. COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
USED COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
MEAN/A	0.0069	0.0105	0.0130	0.0179	0.0270	0.0373	0.0488	0.0724	0.1074	0.1395	1.0000
RP10/A	0.0107	0.0162	0.0201	0.0277	0.0418	0.0578	0.0755	0.1121	0.1662	0.2159	1.5402
RP25/A	0.0129	0.0195	0.0241	0.0334	0.0503	0.0695	0.0909	0.1349	0.2000	0.2598	1.8413
RP50/A	0.0145	0.0219	0.0271	0.0375	0.0565	0.0780	0.1020	0.1514	0.2245	0.2916	2.0584
RP100/A	0.0160	0.0242	0.0300	0.0415	0.0625	0.0864	0.1129	0.1675	0.2484	0.3227	2.2692
RP1000/A	0.0210	0.0316	0.0392	0.0542	0.0818	0.1130	0.1477	0.2192	0.3250	0.4222	2.9404
RP10000/A	0.0257	0.0388	0.0482	0.0666	0.1004	0.1387	0.1813	0.2691	0.3990	0.5183	3.5842
PMP/A	0.0494	0.0746	0.0925	0.1279	0.1927	0.2664	0.3482	0.5167	0.7661	0.9952	7.0450

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T12 4144 0	HUASNA	715	33	32S	15E		S	35.100	120.383	SAN LUIS OBISPO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.15	0.23	0.29	0.49	0.70	0.92	1.06	1.63	1.99	2.09	******
1941	0.21	0.39	0.51	0.81	1.04	1.90	2.15	2.89	3.91	4.28	38.25
1942	0.15	0.21	0.24	0.30	0.45	0.75	0.88	1.03	1.65	2.25	14.44
1943	0.18	0.32	0.45	0.64	1.11	1.66	2.25	3.09	4.10	5.32	26.09
1944	0.14	0.19	0.20	0.25	0.31	0.45	0.62	0.95	1.50	1.70	16.72
1945	0.21	0.42	0.55	0.66	1.05	1.23	1.32	1.72	2.27	3.74	17.05
1946	0.17	0.20	0.26	0.39	0.52	0.83	1.17	2.06	2.95	3.67	18.19
1947	0.07	0.12	0.15	0.23	0.41	0.78	1.06	1.56	1.71	1.79	5.71
1948	0.09	0.15	0.20	0.30	0.47	0.68	0.82	1.23	1.25	1.78	14.31
1949	0.13	0.20	0.29	0.44	0.59	0.94	1.22	1.71	2.08	2.36	14.88
1950	0.25	0.40	0.50	0.76	1.01	1.33	1.44	1.88	2.08	2.12	19.31
1951	0.10	0.11	0.15	0.23	0.39	0.70	0.95	1.05	1.06	1.50	15.07
1952	0.20	0.29	0.36	0.46	0.60	0.97	1.20	1.50	2.30	3.43	26.96
1953	0.13	0.17	0.21	0.39	0.53	0.92	1.19	1.58	1.63	1.64	8.11
1954	0.17	0.25	0.27	0.32	0.48	0.70	1.19	1.36	2.04	2.62	18.29
1955	0.13	0.20	0.25	0.34	0.43	0.64	0.75	1.19	2.06	2.96	20.40
1956	0.09	0.11	0.15	0.26	0.50	0.94	1.31	2.41	3.19	3.48	10.71
1957	0.27	0.37	0.41	0.51	0.66	1.14	1.20	1.39	1.41	1.86	18.21
1958	0.15	0.18	0.22	0.37	0.58	0.97	1.37	2.08	2.27	2.41	28.16
1959	0.07	0.13	0.18	0.27	0.39	0.55	0.60	0.88	1.22	1.50	9.49
1960	0.20	0.35	0.40	0.55	0.77	1.08	1.53	2.47	3.36	3.39	23.06
1961	0.11	0.19	0.22	0.26	0.36	0.66	0.97	1.50	2.03	2.04	9.08
1962	0.16	0.22	0.33	0.43	0.59	1.02	1.42	2.70	3.55	3.61	20.01
1963	0.12	0.22	0.25	0.35	0.43	0.75	0.93	1.35	1.70	2.40	19.44
1964	0.22	0.33	0.36	0.44	0.57	0.77	0.80	1.01	1.25	1.81	13.60
1965	0.18	0.30	0.37	0.50	0.74	1.09	1.34	1.83	2.32	2.60	20.48
1966	0.14	0.27	0.37	0.47	0.69	0.83	1.13	1.90	3.05	5.13	15.48
1967	0.20	0.34	0.35	0.36	0.53	0.90	1.27	1.90	2.53	2.96	23.44
1968	0.11	0.15	0.16	0.20	0.34	0.54	0.73	0.97	1.24	1.89	12.52
1969	0.17	0.30	0.45	0.76	1.08	1.62	2.05	2.87	3.47	4.21	30.92
1970	0.11	0.17	0.25	0.37	0.60	0.96	1.25	1.78	2.16	2.77	19.57
1971	0.12	0.14	0.21	0.27	0.36	0.62	0.75	0.90	1.06	1.07	11.35
1972	0.16	0.25	0.38	0.59	0.73	0.74	0.88	1.27	1.60	1.65	10.35
1973	*****	*****	*****	*****	0.71	1.09	1.28	1.95	2.38	3.50	25.81
1974	*****	*****	*****	*****	0.58	1.02	1.43	2.06	2.46	2.61	18.39

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T12 4144 0	HUASNA	715	33	32S	15E		S	35.100	120.383	SAN LUIS OBISPO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.22	0.28	0.39	0.56	0.86	1.08	1.56	2.01	2.46	16.63
5	0.20	0.31	0.39	0.55	0.79	1.21	1.53	2.21	2.84	3.48	23.38
10	0.24	0.37	0.47	0.66	0.94	1.45	1.84	2.64	3.40	4.16	27.81
20	0.27	0.43	0.54	0.76	1.09	1.67	2.12	3.05	3.92	4.81	31.95
25	0.29	0.44	0.56	0.79	1.13	1.74	2.21	3.17	4.09	5.01	33.24
40	0.31	0.48	0.61	0.85	1.23	1.89	2.39	3.44	4.43	5.43	35.91
50	0.32	0.50	0.63	0.89	1.27	1.96	2.48	3.56	4.59	5.62	37.16
100	0.35	0.55	0.70	0.98	1.41	2.17	2.74	3.94	5.08	6.22	40.97
200	0.39	0.60	0.76	1.07	1.54	2.37	3.00	4.31	5.56	6.81	44.69
1000	0.46	0.72	0.91	1.28	1.84	2.83	3.59	5.16	6.64	8.14	53.09
10000	0.57	0.89	1.12	1.57	2.26	3.48	4.41	6.33	8.16	9.99	64.71
PMP	1.09	1.70	2.15	3.02	4.34	6.68	8.46	12.16	15.66	19.19	127.19
MEAN	0.153	0.238	0.301	0.423	0.609	0.937	1.186	1.704	2.195	2.690	18.054
CLOCK NR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.373	0.442	0.527	0.842	0.975	1.289	1.058	0.659	0.688	0.823	0.709
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.441 ; INTERCEPT (TIME=1 HOUR) =0.633 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.03504 ; AVERAGE CALC CV / USED CV = 0.87

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.002	2.383	2.580	3.199	3.388	5.149	4.673	2.993	2.963	3.358	4.010
N	33	33	33	33	35	35	35	35	35	35	34
RECORD YEAR	1957	1945	1945	1941	1943	1941	1943	1943	1943	1943	1941
RECORD MAXIMUM	0.270	0.420	0.550	0.810	1.110	1.900	2.250	3.090	4.100	5.320	38.250
NORMILIZED MAX	2.373	2.029	2.212	2.351	2.254	3.037	2.736	2.305	2.324	2.520	2.879
CALC. COEF. VAR	0.321	0.375	0.373	0.388	0.366	0.339	0.328	0.353	0.373	0.388	0.389
REGN. COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
USED COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
MEAN/A	0.0085	0.0132	0.0167	0.0234	0.0337	0.0519	0.0657	0.0944	0.1216	0.1490	1.0000
RP10/A	0.0131	0.0204	0.0258	0.0363	0.0522	0.0803	0.1017	0.1461	0.1882	0.2306	1.5402
RP25/A	0.0158	0.0246	0.0311	0.0437	0.0628	0.0966	0.1223	0.1758	0.2264	0.2774	1.8413
RP50/A	0.0178	0.0276	0.0349	0.0490	0.0705	0.1085	0.1373	0.1974	0.2542	0.3115	2.0584
RP100/A	0.0196	0.0306	0.0386	0.0542	0.0780	0.1200	0.1520	0.2184	0.2813	0.3446	2.2692
RP1000/A	0.0257	0.0400	0.0505	0.0710	0.1020	0.1570	0.1988	0.2857	0.3680	0.4509	2.9404
RP10000/A	0.0316	0.0491	0.0620	0.0871	0.1252	0.1928	0.2441	0.3508	0.4518	0.5536	3.5842
PMP/A	0.0606	0.0942	0.1190	0.1673	0.2405	0.3701	0.4687	0.6735	0.8675	1.0630	7.0450

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E60 P274 25	SKYLOMA H M S	1810						37.387	122.276	SAN MATEO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1967	*****	*****	0.13	0.21	0.32	0.59	0.93	1.55	2.88	5.25	34.13
1968	*****	*****	0.35	0.38	0.52	0.69	0.74	1.01	1.44	1.62	18.76
1969	*****	*****	0.67	1.00	1.25	1.43	1.50	1.67	1.82	2.58	39.29
1970	*****	*****	0.45	0.50	0.54	0.63	0.82	1.37	2.40	3.26	25.70
1971	*****	*****	0.32	0.49	0.62	1.01	1.15	1.57	2.22	2.69	31.03
1972	*****	*****	0.23	0.32	0.42	0.69	0.88	1.20	1.40	2.25	20.39
1973	*****	*****	0.35	0.54	0.89	1.27	1.55	2.72	2.98	3.31	51.18
1974	*****	*****	0.36	0.57	0.81	1.43	1.96	2.79	4.45	6.59	55.50
1975	*****	*****	0.21	0.25	0.28	0.53	0.97	1.36	1.72	2.18	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E60 P274 25	SKYLOMA H M S	1810						37.387	122.276	SAN MATEO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.31	0.43	0.57	0.84	1.07	1.55	2.17	3.02	33.55
5	0.0	0.0	0.44	0.61	0.81	1.19	1.50	2.18	3.05	4.26	43.75
10	0.0	0.0	0.53	0.73	0.97	1.41	1.80	2.61	3.65	5.09	49.65
20	0.0	0.0	0.61	0.84	1.11	1.63	2.07	3.01	4.20	5.87	54.82
25	0.0	0.0	0.63	0.88	1.16	1.70	2.16	3.13	4.38	6.11	56.38
40	0.0	0.0	0.68	0.95	1.26	1.84	2.34	3.39	4.74	6.62	59.52
50	0.0	0.0	0.71	0.98	1.30	1.91	2.42	3.51	4.91	6.85	60.96
100	0.0	0.0	0.78	1.09	1.44	2.11	2.68	3.88	5.43	7.58	65.26
200	0.0	0.0	0.86	1.19	1.58	2.31	2.93	4.25	5.94	8.29	69.33
1000	0.0	0.0	1.02	1.42	1.88	2.75	3.50	5.08	7.10	9.90	78.14
10000	0.0	0.0	1.25	1.74	2.31	3.38	4.29	6.22	8.70	12.14	89.72
PMP	0.0	0.0	2.40	3.33	4.42	6.47	8.22	11.93	16.68	23.27	206.29
MEAN	0.0	0.0	0.341	0.473	0.628	0.919	1.167	1.693	2.368	3.303	34.497
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.006	1.397	0.989	0.530	0.976	1.188	1.280	1.348	0.508
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.511 ; INTERCEPT (TIME=1 HOUR) =0.660 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.01913 ; AVERAGE CALC CV / USED CV = 1.10

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	5.787	6.662	4.753	2.527	4.039	4.256	5.711	5.125	3.468
N	0	0	9	9	9	9	9	9	9	9	8
RECORD YEAR	0	0	1969	1969	1969	1969	1974	1974	1974	1974	1974
RECORD MAXIMUM	0.0	0.0	0.670	1.000	1.250	1.430	1.960	2.790	4.450	6.590	55.500
NORMILIZED MAX	0.0	0.0	2.106	2.237	2.009	1.377	1.919	1.729	2.149	2.043	1.554
CALC. COEF. VAR	0.0	0.0	0.458	0.497	0.493	0.404	0.354	0.375	0.409	0.487	0.392
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0099	0.0137	0.0182	0.0266	0.0338	0.0491	0.0686	0.0958	1.0000
RP10/A	0.0	0.0	0.0152	0.0211	0.0280	0.0410	0.0521	0.0756	0.1057	0.1474	1.4393
RP25/A	0.0	0.0	0.0183	0.0254	0.0337	0.0493	0.0626	0.0908	0.1270	0.1771	1.6342
RP50/A	0.0	0.0	0.0205	0.0285	0.0378	0.0553	0.0702	0.1018	0.1424	0.1987	1.7672
RP100/A	0.0	0.0	0.0227	0.0315	0.0417	0.0611	0.0776	0.1126	0.1575	0.2197	1.8917
RP1000/A	0.0	0.0	0.0296	0.0411	0.0545	0.0798	0.1014	0.1471	0.2057	0.2870	2.2652
RP10000/A	0.0	0.0	0.0363	0.0504	0.0669	0.0979	0.1243	0.1804	0.2523	0.3520	2.6007
PMP/A	0.0	0.0	0.0697	0.0967	0.1282	0.1877	0.2383	0.3458	0.4835	0.6746	5.9800

PEARSON TYPE III DISTRIBUTION USED
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WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E70 1920 20	COLMA CR USGS 11-1627.20	13						37.654	122.425	SAN MATEO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
1964	*****	*****	0.50	0.60	0.70	1.10	1.60	2.00	2.50	2.70	12.40
1965	*****	*****	0.20	0.20	0.30	0.40	0.50	0.70	0.90	1.40	19.90
1966	*****	*****	0.20	0.30	0.40	0.50	0.90	1.60	1.80	2.00	18.27
1967	*****	*****	0.40	0.50	0.60	0.90	1.20	1.40	2.40	4.20	30.70
1968	*****	*****	0.50	0.60	0.70	1.00	1.30	1.20	1.90	2.30	12.90

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E70 1920 20	COLMA CR USGS 11-1627.20	13						37.654	122.425	SAN MATEO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
2	0.0	0.0	0.38	0.43	0.51	0.73	1.02	1.26	1.74	2.31	18.21
5	0.0	0.0	0.53	0.61	0.72	1.03	1.43	1.78	2.45	3.25	23.83
10	0.0	0.0	0.63	0.72	0.86	1.22	1.71	2.12	2.93	3.88	27.14
20	0.0	0.0	0.73	0.84	1.00	1.41	1.97	2.45	3.37	4.47	30.07
25	0.0	0.0	0.76	0.87	1.04	1.47	2.05	2.55	3.51	4.66	30.96
40	0.0	0.0	0.82	0.94	1.12	1.59	2.23	2.76	3.81	5.05	32.76
50	0.0	0.0	0.85	0.98	1.17	1.65	2.30	2.86	3.94	5.23	33.59
100	0.0	0.0	0.94	1.08	1.29	1.83	2.55	3.17	4.36	5.78	36.06
200	0.0	0.0	1.03	1.18	1.41	2.00	2.79	3.46	4.77	6.32	38.42
1000	0.0	0.0	1.23	1.41	1.68	2.38	3.33	4.14	5.69	7.55	43.57
10000	0.0	0.0	1.51	1.73	2.06	2.92	4.08	5.07	6.98	9.26	50.39
PMP	0.0	0.0	2.89	3.32	3.96	5.60	7.83	9.72	13.39	17.75	112.63
MEAN	0.0	0.0	0.410	0.471	0.562	0.796	1.111	1.380	1.900	2.520	18.834
CLOCK HR. COR.	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	-0.315	-0.567	-0.567	-0.437	-0.512	-0.266	-1.067	1.142	1.232
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.612 ; INTERCEPT (TIME=1 HOUR) =0.640 ; COEFFICIENT OF DETERMINATION = 0.971
1HR INTERCEPT / MEAN YR =0.03397 ; AVERAGE CALC CV / USED CV = 0.97

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
KURTOSIS	0.0	0.0	4.099	4.807	4.807	4.432	6.646	7.063	7.571	8.174	7.926
N	0	0	5	5	5	5	5	5	5	5	5
RECORD YEAR	0	0	1964	1964	1964	1964	1964	1964	1964	1967	1967
RECORD MAXIMUM	0.0	0.0	0.500	0.600	0.700	1.100	1.600	2.000	2.500	4.200	30.700
NORMALIZED MAX	0.0	0.0	0.518	0.665	0.733	0.958	1.157	1.287	0.943	1.597	1.604
CALC. COEF. VAR	0.0	0.0	0.421	0.413	0.336	0.399	0.380	0.349	0.335	0.418	0.393
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0218	0.0250	0.0298	0.0422	0.0590	0.0733	0.1009	0.1338	1.0000
RP10/A	0.0	0.0	0.0335	0.0385	0.0459	0.0650	0.0908	0.1128	0.1553	0.2060	1.4411
RP25/A	0.0	0.0	0.0403	0.0462	0.0552	0.0781	0.1091	0.1355	0.1866	0.2475	1.6437
RP50/A	0.0	0.0	0.0452	0.0519	0.0619	0.0876	0.1224	0.1520	0.2093	0.2776	1.7833
RP100/A	0.0	0.0	0.0500	0.0573	0.0684	0.0969	0.1353	0.1681	0.2314	0.3069	1.9147
RP1000/A	0.0	0.0	0.0653	0.0749	0.0894	0.1266	0.1768	0.2196	0.3023	0.4010	2.3133
RP10000/A	0.0	0.0	0.0801	0.0919	0.1096	0.1553	0.2168	0.2693	0.3708	0.4918	2.6757
PMP/A	0.0	0.0	0.1535	0.1761	0.2101	0.2976	0.4156	0.5162	0.7107	0.9426	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUB										
E70 5530 20	MENLO PARK USGS	0						37.451	122.186	SAN MATEO

M=MINUTES,H=HOURS,O=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
1971	*****	*****	0.23	0.37	0.54	0.71	0.78	0.88	1.13	2.20	15.60
1972	*****	*****	0.14	0.19	0.26	0.43	0.55	0.56	0.64	0.65	7.23
1973	*****	*****	0.23	0.31	0.43	0.68	0.89	1.41	1.60	1.95	24.53
1974	*****	*****	0.27	0.34	0.50	0.67	0.93	1.23	1.39	1.76	19.19
1975	*****	*****	0.22	0.32	0.50	0.75	0.96	1.15	1.21	1.43	18.07

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUB										
E70 5530 20	MENLO PARK USGS	0						37.451	122.186	SAN MATEO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION O=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
2	0.0	0.0	0.20	0.28	0.41	0.59	0.75	0.96	1.09	1.46	16.37
5	0.0	0.0	0.28	0.39	0.58	0.84	1.06	1.35	1.54	2.06	21.42
10	0.0	0.0	0.34	0.47	0.69	1.00	1.27	1.61	1.84	2.46	24.39
20	0.0	0.0	0.39	0.54	0.79	1.15	1.46	1.86	2.12	2.84	27.02
25	0.0	0.0	0.40	0.57	0.82	1.20	1.52	1.93	2.21	2.96	27.82
40	0.0	0.0	0.44	0.61	0.89	1.30	1.65	2.10	2.39	3.20	29.44
50	0.0	0.0	0.45	0.63	0.93	1.34	1.71	2.17	2.48	3.32	30.18
100	0.0	0.0	0.50	0.70	1.02	1.49	1.89	2.40	2.74	3.67	32.40
200	0.0	0.0	0.55	0.77	1.12	1.63	2.06	2.62	3.00	4.01	34.52
1000	0.0	0.0	0.65	0.92	1.34	1.94	2.46	3.13	3.58	4.79	39.15
10000	0.0	0.0	0.80	1.12	1.64	2.38	3.02	3.84	4.39	5.87	45.28
PMP	0.0	0.0	1.54	2.16	3.14	4.57	5.79	7.37	8.41	11.26	101.21
MEAN	0.0	0.0	0.218	0.306	0.446	0.648	0.822	1.046	1.194	1.598	16.924
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	-1.273	-1.609	-1.601	-1.888	-1.440	-0.726	-0.866	-1.140	-0.758
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.465 ; INTERCEPT (TIME=1 HOUR) =0.450 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.02660 ; AVERAGE CALC CV / USED CV = 0.54

KURTOSIS	0.0	0.0	8.968	9.275	8.781	9.917	8.100	6.461	7.735	7.688	7.946
N	0	0	5	5	5	5	5	5	5	5	5
RECORD YEAR	0	0	1974	1971	1971	1975	1975	1973	1973	1971	1973
RECORD MAXIMUM	0.0	0.0	0.270	0.370	0.540	0.750	0.960	1.410	1.600	2.200	24.530
NORMILIZED MAX	0.0	0.0	1.091	0.931	0.845	0.811	0.828	1.096	1.132	1.004	1.203
CALC. COEF. VAR	0.0	0.0	0.219	0.225	0.249	0.194	0.203	0.317	0.300	0.375	0.374
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332

MEAN/A	0.0	0.0	0.0129	0.0181	0.0264	0.0383	0.0486	0.0618	0.0706	0.0944	1.0000
RP10/A	0.0	0.0	0.0198	0.0278	0.0406	0.0590	0.0748	0.0952	0.1086	0.1454	1.4411
RP25/A	0.0	0.0	0.0238	0.0334	0.0487	0.0708	0.0898	0.1143	0.1305	0.1746	1.6437
RP50/A	0.0	0.0	0.0267	0.0375	0.0547	0.0794	0.1008	0.1282	0.1464	0.1959	1.7833
RP100/A	0.0	0.0	0.0295	0.0415	0.0605	0.0878	0.1114	0.1418	0.1618	0.2166	1.9147
RP1000/A	0.0	0.0	0.0386	0.0542	0.0790	0.1148	0.1456	0.1852	0.2114	0.2830	2.3133
RP10000/A	0.0	0.0	0.0473	0.0665	0.0969	0.1407	0.1785	0.2272	0.2593	0.3471	2.6757
PMP/A	0.0	0.0	0.0907	0.1274	0.1857	0.2697	0.3422	0.4354	0.4970	0.6652	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUM	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
ETO 6586 20	PACIFICA USCG	930						37.626	122.465	SAN MATEO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
1969	*****	*****	0.20	0.30	0.40	0.60	0.90	1.20	1.80	2.40	20.70
1970	*****	*****	0.40	0.60	0.80	1.30	1.50	2.00	2.70	2.80	10.88
1972	*****	*****	0.28	0.41	0.47	0.67	0.90	0.98	0.98	0.98	******
1973	*****	*****	0.48	0.83	1.57	2.04	2.80	2.95	2.95	2.95	34.75
1975	*****	*****	0.26	0.41	0.59	0.88	1.22	1.40	1.53	1.72	22.75

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUM	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
ETO 6586 20	PACIFICA USCG	930						37.626	122.465	SAN MATEO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
2	0.0	0.0	0.31	0.49	0.70	1.00	1.34	1.56	1.82	1.99	21.53
5	0.0	0.0	0.44	0.68	0.99	1.42	1.89	2.20	2.57	2.80	28.18
10	0.0	0.0	0.53	0.82	1.18	1.69	2.25	2.63	3.07	3.34	32.09
20	0.0	0.0	0.61	0.94	1.36	1.95	2.60	3.03	3.54	3.85	35.56
25	0.0	0.0	0.64	0.98	1.42	2.03	2.71	3.16	3.68	4.01	36.61
40	0.0	0.0	0.69	1.06	1.53	2.20	2.93	3.42	3.99	4.35	38.74
50	0.0	0.0	0.71	1.10	1.59	2.28	3.04	3.54	4.13	4.50	39.71
100	0.0	0.0	0.79	1.22	1.76	2.52	3.36	3.91	4.57	4.98	42.64
200	0.0	0.0	0.86	1.33	1.92	2.76	3.67	4.28	5.00	5.45	45.43
1000	0.0	0.0	1.03	1.59	2.30	3.29	4.39	5.11	5.97	6.50	51.52
10000	0.0	0.0	1.26	1.95	2.82	4.04	5.38	6.27	7.32	7.98	59.59
PMP	0.0	0.0	2.42	3.73	5.40	7.74	10.31	12.02	14.03	15.29	133.17
MEAN	0.0	0.0	0.344	0.530	0.766	1.098	1.464	1.706	1.992	2.170	22.270
CLDCF MP. COEF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.403	1.326	1.715	1.262	1.715	1.181	0.069	-0.791	0.327
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.431 ; INTERCEPT (TIME=1 HOUR) =0.766 ; COEFFICIENT OF DETERMINATION = 0.997
IMP INTERCEPT / MEAN YR =0.03441 ; AVERAGE CALC CV / USED CV = 1.27

KURTOSIS	0.0	0.0	4.271	7.903	9.142	7.464	9.177	7.283	5.030	5.994	11.876
N	0	0	5	5	5	5	5	5	5	5	4
RECORD YEAR	0	0	1970	1973	1973	1973	1973	1973	1973	1973	1973
RECORD MAXIMUM	0.0	0.0	0.500	0.930	1.570	2.040	2.800	2.950	2.950	2.950	34.750
NORMILIZED MAX	0.0	0.0	1.141	1.611	1.695	1.588	1.696	1.570	1.167	0.953	1.273
CALC. COEF. VAR	0.0	0.0	0.397	0.468	0.619	0.540	0.538	0.464	0.412	0.377	0.440
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0154	0.0238	0.0344	0.0493	0.0657	0.0766	0.0894	0.0974	1.0000
PP10/A	0.0	0.0	0.0238	0.0366	0.0530	0.0759	0.1012	0.1179	0.1377	0.1500	1.4411
PP25/A	0.0	0.0	0.0286	0.0440	0.0636	0.0912	0.1216	0.1417	0.1654	0.1802	1.6437
PP50/A	0.0	0.0	0.0320	0.0494	0.0714	0.1023	0.1364	0.1589	0.1856	0.2022	1.7833
PP100/A	0.0	0.0	0.0354	0.0546	0.0789	0.1131	0.1508	0.1757	0.2052	0.2235	1.9147
PP1000/A	0.0	0.0	0.0463	0.0713	0.1031	0.1478	0.1970	0.2296	0.2681	0.2920	2.3133
PP10000/A	0.0	0.0	0.0568	0.0875	0.1264	0.1812	0.2416	0.2816	0.3288	0.3582	2.6757
PMP/A	0.0	0.0	0.1088	0.1677	0.2423	0.3473	0.4631	0.5397	0.6302	0.6865	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BNM	LATITUDE	LONGITUDE	COUNTY
E70 7726 40	SAN BRUNO MOUNTIAN	950						37.692	122.447	SAN MATEO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
1970	*****	*****	0.30	0.50	0.60	0.90	1.00	1.40	1.50	2.40	13.00
1971	*****	*****	0.22	0.34	0.45	0.62	0.82	1.13	1.46	1.46	11.86
1972	*****	*****	0.10	0.13	0.18	0.23	0.28	0.38	0.60	0.75	4.79
1973	*****	*****	0.16	0.23	0.34	0.63	0.86	1.39	1.41	1.97	21.42
1974	*****	*****	0.26	0.29	0.33	0.37	0.38	0.49	1.01	1.25	15.70
1975	*****	*****	0.19	0.36	0.60	0.92	1.12	1.18	1.27	1.92	10.57

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BNM	LATITUDE	LONGITUDE	COUNTY
E70 7726 40	SAN BRUNO MOUNTIAN	950						37.692	122.447	SAN MATEO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
2	0.0	0.0	0.19	0.28	0.38	0.56	0.68	0.91	1.11	1.49	12.46
5	0.0	0.0	0.26	0.40	0.54	0.79	0.96	1.29	1.56	2.10	16.31
10	0.0	0.0	0.32	0.47	0.64	0.94	1.14	1.53	1.86	2.50	18.58
20	0.0	0.0	0.36	0.55	0.74	1.09	1.32	1.77	2.15	2.89	20.58
25	0.0	0.0	0.38	0.57	0.77	1.13	1.37	1.84	2.23	3.01	21.19
40	0.0	0.0	0.41	0.62	0.83	1.23	1.49	2.00	2.42	3.25	22.42
50	0.0	0.0	0.43	0.64	0.86	1.27	1.54	2.07	2.51	3.37	22.99
100	0.0	0.0	0.47	0.71	0.96	1.40	1.71	2.29	2.77	3.73	24.68
200	0.0	0.0	0.51	0.77	1.05	1.53	1.87	2.50	3.03	4.08	26.29
1000	0.0	0.0	0.61	0.92	1.25	1.83	2.23	2.99	3.62	4.87	29.82
10000	0.0	0.0	0.75	1.13	1.53	2.25	2.73	3.66	4.44	5.97	34.49
PMP	0.0	0.0	1.44	2.17	2.94	4.31	5.24	7.02	8.51	11.45	77.08
MEAN	0.0	0.0	0.205	0.308	0.417	0.612	0.743	0.997	1.208	1.625	12.890
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	-0.185	0.160	-0.131	-0.233	-0.578	-0.756	-1.318	-0.285	0.174
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.487 ; INTERCEPT (TIME=1 HOUR) =0.425 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.03298 ; AVERAGE CALC CV / USED CV = 1.02

KURTOSIS	0.0	0.0	4.971	5.831	4.340	4.156	4.016	3.865	6.261	4.900	6.233
N	0	0	6	6	6	6	6	6	6	6	6
RECORD YEAR	0	0	1970	1970	1970	1975	1975	1970	1970	1970	1973
RECORD MAXIMUM	0.0	0.0	0.300	0.500	0.600	0.920	1.120	1.400	1.500	2.400	21.420
NORMILIZED MAX	0.0	0.0	1.329	1.528	1.105	1.115	1.112	0.898	0.840	1.314	1.543
CALC. COEF. VAR	0.0	0.0	0.349	0.407	0.398	0.452	0.456	0.451	0.287	0.363	0.429
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0159	0.0239	0.0323	0.0475	0.0577	0.0773	0.0937	0.1261	1.0000
RP10/A	0.0	0.0	0.0245	0.0368	0.0498	0.0731	0.0888	0.1190	0.1443	0.1941	1.4411
RP25/A	0.0	0.0	0.0294	0.0442	0.0598	0.0878	0.1067	0.1430	0.1734	0.2332	1.6437
RP50/A	0.0	0.0	0.0330	0.0496	0.0671	0.0984	0.1196	0.1604	0.1945	0.2615	1.7833
RP100/A	0.0	0.0	0.0365	0.0549	0.0742	0.1089	0.1323	0.1774	0.2150	0.2892	1.9147
RP1000/A	0.0	0.0	0.0477	0.0717	0.0969	0.1422	0.1728	0.2317	0.2810	0.3778	2.3133
RP10000/A	0.0	0.0	0.0585	0.0879	0.1188	0.1744	0.2120	0.2842	0.3446	0.4634	2.6757
PMP/A	0.0	0.0	0.1120	0.1685	0.2277	0.3343	0.4063	0.5447	0.6604	0.8881	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E70 7769 0	SAN FRANCISCO A P NWS	8						37.617	122.383	SAN MATEO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1944	0.18	0.25	0.27	0.38	0.55	0.85	0.98	1.02	1.24	1.29	20.68
1945	0.13	0.17	0.21	0.32	0.42	0.73	0.98	1.42	1.72	2.31	19.85
1946	0.10	0.13	0.17	0.23	0.36	0.41	0.44	0.72	0.87	1.46	9.30
1947	0.10	0.17	0.30	0.43	0.55	0.65	0.74	0.87	0.94	1.40	10.91
1948	0.08	0.11	0.12	0.19	0.30	0.49	0.71	0.82	1.23	1.98	12.39
1949	*****	*****	*****	*****	0.44	0.66	0.78	1.01	1.23	1.30	12.67
1950	0.13	0.15	0.18	0.25	0.38	0.69	0.86	1.00	1.29	1.51	21.53
1951	0.15	0.19	0.23	0.35	0.68	0.99	1.21	1.42	1.51	1.70	17.55
1952	0.14	0.25	0.30	0.42	0.76	1.06	1.16	1.55	1.81	1.94	27.46
1953	0.05	0.07	0.10	0.20	0.33	0.50	0.63	1.01	1.14	1.29	9.20
1954	0.16	0.21	0.23	0.24	0.33	0.46	0.54	0.91	1.42	1.68	17.33
1955	0.10	0.14	0.19	0.30	0.40	0.72	0.96	1.64	1.96	3.33	21.35
1956	0.16	0.29	0.31	0.38	0.50	0.71	0.79	1.01	1.43	2.07	15.60
1957	0.22	0.33	0.43	0.57	0.73	1.01	1.11	1.22	1.51	1.69	23.97
1958	0.20	0.30	0.40	0.57	0.67	0.83	0.92	1.52	2.09	2.66	32.29
1959	0.13	0.20	0.23	0.34	0.50	0.78	0.89	1.45	2.12	2.30	13.68
1960	0.17	0.24	0.29	0.36	0.40	0.61	0.75	1.26	1.39	1.63	16.90
1961	0.19	0.27	0.32	0.44	0.68	0.81	0.92	1.23	1.53	1.80	15.83
1962	0.12	0.23	0.24	0.44	0.66	1.15	1.62	2.34	2.88	3.74	24.25
1963	0.15	0.18	0.20	0.25	0.32	0.55	0.65	1.03	1.49	2.11	19.89
1964	0.11	0.22	0.27	0.50	0.89	1.28	1.58	2.06	2.39	2.69	17.54
1965	0.14	0.24	0.28	0.46	0.63	0.86	0.95	1.43	2.00	2.07	21.22
1966	0.12	0.16	0.25	0.31	0.41	0.55	0.70	1.10	1.32	1.59	15.98
1967	0.24	0.38	0.44	0.52	0.64	0.77	0.97	1.66	2.68	4.58	27.27
1968	0.09	0.16	0.19	0.26	0.46	0.84	1.07	1.54	1.98	2.45	18.02
1969	0.11	0.20	0.26	0.29	0.41	0.74	0.82	1.16	1.73	2.06	28.07
1970	0.19	0.29	0.37	0.64	0.88	1.16	1.29	1.58	2.09	2.25	25.69
1971	0.16	0.24	0.27	0.34	0.48	0.78	0.93	1.20	1.36	1.48	9.80
1972	0.15	0.24	0.28	0.33	0.61	1.05	1.40	1.73	2.10	2.11	16.97
1973	0.23	0.30	0.40	0.55	0.79	0.94	1.28	1.62	2.33	2.58	31.38
1974	0.09	0.16	0.22	0.34	0.47	0.65	0.85	1.07	1.25	1.43	15.60
1975	0.26	0.34	0.37	0.49	0.79	1.05	1.22	1.63	1.84	1.86	17.25

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E70 7769 0	SAN FRANCISCO A P NWS	8						37.617	122.383	SAN MATEO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.20	0.25	0.35	0.50	0.72	0.88	1.21	1.54	1.90	18.46
5	0.19	0.28	0.35	0.49	0.70	1.02	1.24	1.70	2.17	2.67	24.08
10	0.23	0.34	0.41	0.58	0.84	1.22	1.48	2.03	2.59	3.19	27.32
20	0.26	0.39	0.48	0.67	0.97	1.41	1.70	2.34	2.99	3.68	30.16
25	0.27	0.41	0.50	0.70	1.01	1.46	1.77	2.44	3.11	3.83	31.02
40	0.29	0.44	0.54	0.76	1.09	1.59	1.92	2.64	3.37	4.15	32.75
50	0.30	0.46	0.56	0.78	1.13	1.64	1.99	2.74	3.49	4.30	33.54
100	0.34	0.50	0.62	0.87	1.25	1.82	2.20	3.03	3.86	4.76	35.91
200	0.37	0.55	0.67	0.95	1.37	1.99	2.41	3.31	4.22	5.20	38.15
1000	0.44	0.66	0.80	1.13	1.63	2.37	2.88	3.96	5.05	6.21	43.00
10000	0.54	0.81	0.99	1.39	2.00	2.91	3.53	4.85	6.19	7.62	49.37
PMP	1.03	1.55	1.89	2.66	3.84	5.58	6.76	9.30	11.86	14.61	113.51
MEAN	0.147	0.220	0.268	0.377	0.544	0.792	0.959	1.320	1.683	2.073	18.982
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.452	0.187	0.280	0.421	0.437	0.324	0.601	0.715	0.596	1.747	0.410
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.479 ; INTERCEPT (TIME=1 HOUR) =0.546 ; COEFFICIENT OF DETERMINATION = 0.999
IMR INTERCEPT / MEAN YR =0.02878 ; AVERAGE CALC CV / USED CV = 0.77

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.078	2.981	3.049	2.626	2.345	2.737	3.433	3.811	3.124	6.846	2.842
N	31	31	31	31	32	32	32	32	32	32	32
RECORD YEAR	1975	1967	1967	1970	1964	1964	1962	1962	1962	1967	1958
RECORD MAXIMUM	0.260	0.380	0.440	0.640	0.890	1.280	1.620	2.340	2.880	4.580	32.290
NORMILIZED MAX	2.272	2.238	2.031	2.215	2.019	2.222	2.366	2.793	2.452	3.419	2.153
CALC. COEF. VAR	0.339	0.326	0.315	0.315	0.314	0.278	0.291	0.277	0.290	0.354	0.326
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0077	0.0116	0.0141	0.0199	0.0287	0.0417	0.0505	0.0695	0.0887	0.1092	1.0000
RP10/A	0.0119	0.0178	0.0218	0.0306	0.0442	0.0642	0.0778	0.1070	0.1365	0.1682	1.4393
RP25/A	0.0143	0.0214	0.0262	0.0367	0.0530	0.0771	0.0935	0.1286	0.1640	0.2020	1.6342
RP50/A	0.0160	0.0240	0.0293	0.0412	0.0595	0.0865	0.1049	0.1442	0.1840	0.2266	1.7672
RP100/A	0.0177	0.0265	0.0324	0.0456	0.0658	0.0957	0.1159	0.1595	0.2035	0.2505	1.8917
RP1000/A	0.0232	0.0347	0.0424	0.0595	0.0860	0.1250	0.1515	0.2084	0.2658	0.3273	2.2652
RP10000/A	0.0284	0.0425	0.0520	0.0730	0.1054	0.1533	0.1858	0.2556	0.3260	0.4015	2.6007
PMP/A	0.0545	0.0815	0.0996	0.1400	0.2020	0.2938	0.3561	0.4898	0.6248	0.7694	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LDT	BMM	LATITUDE	LONGITUDE	COUNTY
E80 3535 35	GRANADA	11						37.514	122.463	SAN MATEO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
1967	*****	*****	*****	*****	0.50	0.60	0.70	1.30	2.00	3.70	27.40
1968	*****	*****	*****	*****	0.50	0.60	0.80	1.10	1.50	2.20	15.90
1969	*****	*****	*****	*****	0.60	0.70	0.70	0.80	1.60	1.80	25.80
1970	*****	*****	*****	*****	0.40	0.60	0.80	1.30	1.50	2.30	18.00
1971	*****	*****	*****	*****	0.80	1.00	1.20	1.40	1.80	1.90	18.20

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUE	STATION NAME	ELEV	SEC	TWP	RNG	LDT	BMM	LATITUDE	LONGITUDE	COUNTY
E80 3535 35	GRANADA	11						37.514	122.463	SAN MATEO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
2	0.0	0.0	0.0	0.0	0.58	0.69	0.80	1.10	1.55	2.18	20.36
5	0.0	0.0	0.0	0.0	0.82	0.97	1.13	1.55	2.19	3.07	26.65
10	0.0	0.0	0.0	0.0	0.98	1.15	1.35	1.85	2.61	3.66	30.35
20	0.0	0.0	0.0	0.0	1.13	1.33	1.55	2.14	3.01	4.23	33.62
25	0.0	0.0	0.0	0.0	1.18	1.39	1.62	2.23	3.14	4.40	34.62
40	0.0	0.0	0.0	0.0	1.28	1.50	1.75	2.41	3.40	4.77	36.63
50	0.0	0.0	0.0	0.0	1.32	1.55	1.81	2.50	3.52	4.94	37.56
100	0.0	0.0	0.0	0.0	1.46	1.72	2.00	2.76	3.89	5.46	40.32
200	0.0	0.0	0.0	0.0	1.60	1.88	2.19	3.02	4.26	5.97	42.96
1000	0.0	0.0	0.0	0.0	1.91	2.24	2.62	3.61	5.09	7.13	48.72
10000	0.0	0.0	0.0	0.0	2.35	2.75	3.21	4.42	6.24	8.75	56.35
PMP	0.0	0.0	0.0	0.0	4.50	5.28	6.15	8.48	11.95	16.77	125.94
MEAN	0.0	0.0	0.0	0.0	0.638	0.749	0.874	1.204	1.697	2.380	21.060
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	1.118	1.925	1.918	-1.264	0.913	1.842	0.519
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.720 ; INTERCEPT (TIME=1 HOUR) =0.633 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.03004 ; AVERAGE CALC CV / USED CV = 0.63

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
KURTOSIS	0.0	0.0	0.0	0.0	7.880	9.722	9.898	7.582	6.051	9.684	4.357
N	0	0	0	0	5	5	5	5	5	5	5
RECORD YEAR	0	0	0	0	1971	1971	1971	1971	1967	1967	1967
RECORD MAXIMUM	0.0	0.0	0.0	0.0	0.800	1.000	1.200	1.400	2.000	3.700	27.400
NORMILIZED MAX	0.0	0.0	0.0	0.0	0.935	1.354	1.513	0.806	1.385	1.723	1.227
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.271	0.247	0.247	0.202	0.129	0.322	0.245
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0	0.0	0.0303	0.0356	0.0415	0.0572	0.0806	0.1130	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0467	0.0548	0.0639	0.0880	0.1240	0.1740	1.4411
RP25/A	0.0	0.0	0.0	0.0	0.0561	0.0658	0.0767	0.1057	0.1490	0.2090	1.6437
RP50/A	0.0	0.0	0.0	0.0	0.0629	0.0738	0.0861	0.1186	0.1672	0.2345	1.7833
RP100/A	0.0	0.0	0.0	0.0	0.0695	0.0816	0.0952	0.1311	0.1848	0.2593	1.9147
RP1000/A	0.0	0.0	0.0	0.0	0.0909	0.1066	0.1243	0.1713	0.2415	0.3387	2.3133
RP10000/A	0.0	0.0	0.0	0.0	0.1114	0.1307	0.1525	0.2101	0.2962	0.4154	2.6757
PMP/A	0.0	0.0	0.0	0.0	0.2136	0.2506	0.2922	0.4026	0.5676	0.7962	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E80 4660 25	LA HONDA	405	14	075	04W		M	37.319	122.271	SAN MATED

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
1967	*****	*****	*****	*****	0.70	1.00	1.20	1.90	3.40	6.20	40.80
1968	*****	*****	*****	*****	0.60	1.00	1.20	1.60	2.20	3.40	******
1969	*****	*****	*****	*****	0.40	0.50	0.70	1.20	2.10	3.20	41.30
1970	*****	*****	*****	*****	0.70	0.80	0.90	1.40	2.00	2.30	29.70
1971	*****	*****	*****	*****	0.50	0.60	0.90	1.30	1.90	2.70	27.60
1972	*****	*****	*****	*****	0.30	0.60	0.80	1.20	1.60	2.40	20.20
1973	*****	*****	*****	*****	1.30	1.80	2.20	3.00	3.60	3.60	47.70

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E80 4660 25	LA HONDA	405	14	075	04W		M	37.319	122.271	SAN MATED

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
2	0.0	0.0	0.0	0.0	0.67	0.88	1.07	1.55	2.22	3.11	33.41
5	0.0	0.0	0.0	0.0	0.95	1.24	1.51	2.18	3.13	4.39	43.72
10	0.0	0.0	0.0	0.0	1.13	1.48	1.81	2.60	3.73	5.23	49.79
20	0.0	0.0	0.0	0.0	1.30	1.71	2.08	3.00	4.30	6.04	55.16
25	0.0	0.0	0.0	0.0	1.36	1.78	2.17	3.13	4.48	6.29	56.79
40	0.0	0.0	0.0	0.0	1.47	1.93	2.35	3.39	4.85	6.81	60.10
50	0.0	0.0	0.0	0.0	1.52	2.00	2.44	3.51	5.03	7.05	61.61
100	0.0	0.0	0.0	0.0	1.68	2.21	2.69	3.88	5.56	7.80	66.15
200	0.0	0.0	0.0	0.0	1.84	2.42	2.95	4.24	6.08	8.53	70.48
1000	0.0	0.0	0.0	0.0	2.20	2.89	3.52	5.07	7.26	10.19	79.92
10000	0.0	0.0	0.0	0.0	2.69	3.54	4.31	6.21	8.91	12.50	92.44
PMP	0.0	0.0	0.0	0.0	5.16	6.78	8.27	11.91	17.08	23.95	206.61
MEAN	0.0	0.0	0.0	0.0	0.733	0.963	1.174	1.690	2.424	3.400	34.550
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	1.527	1.637	1.934	1.919	0.992	1.910	-0.157
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.575 ; INTERCEPT (TIME=1 HOUR) =0.729 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.02109 ; AVERAGE CALC CV / USED CV = 1.20

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
KURTOSIS	0.0	0.0	0.0	0.0	7.395	7.371	8.328	8.057	4.017	8.364	4.125
N	0	0	0	0	7	7	7	7	7	7	6
RECORD YEAR	0	0	0	0	1973	1973	1973	1973	1973	1967	1973
RECORD MAXIMUM	0.0	0.0	0.0	0.0	1.300	1.800	2.200	3.000	3.600	6.200	47.700
NORMILIZED MAX	0.0	0.0	0.0	0.0	1.527	1.764	1.939	1.998	1.499	2.105	1.271
CALC. CDF. VAR	0.0	0.0	0.0	0.0	0.507	0.493	0.451	0.388	0.324	0.391	0.299
REGN. CDF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED CDF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0	0.0	0.0212	0.0279	0.0340	0.0489	0.0702	0.0984	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0327	0.0429	0.0523	0.0753	0.1080	0.1515	1.4411
RP25/A	0.0	0.0	0.0	0.0	0.0392	0.0516	0.0628	0.0905	0.1298	0.1820	1.6437
RP50/A	0.0	0.0	0.0	0.0	0.0440	0.0578	0.0705	0.1015	0.1456	0.2042	1.7833
RP100/A	0.0	0.0	0.0	0.0	0.0487	0.0639	0.0779	0.1122	0.1609	0.2258	1.9147
RP1000/A	0.0	0.0	0.0	0.0	0.0636	0.0835	0.1018	0.1466	0.2103	0.2949	2.3133
RP10000/A	0.0	0.0	0.0	0.0	0.0780	0.1025	0.1249	0.1798	0.2579	0.3617	2.6757
PMP/A	0.0	0.0	0.0	0.0	0.1494	0.1964	0.2393	0.3447	0.4943	0.6933	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E80 6821 25	PESCADERO	40						37.258	122.408	SAN MATEO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
1967	*****	*****	*****	*****	0.50	0.70	0.90	1.30	2.20	4.20	31.10
1968	*****	*****	*****	*****	0.80	1.20	1.40	1.60	1.80	2.00	17.90
1969	*****	*****	*****	*****	0.80	1.00	1.10	1.20	1.50	2.60	32.90
1970	*****	*****	*****	*****	0.40	0.50	0.70	1.10	1.40	1.70	20.00
1971	*****	*****	*****	*****	0.40	0.60	0.60	0.90	1.30	1.50	15.20
1972	*****	*****	*****	*****	0.40	0.50	0.70	0.90	1.10	1.80	11.50
1973	*****	*****	*****	*****	0.60	0.90	1.00	1.70	2.00	2.10	19.40

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E80 6821 25	PESCADERO	40						37.258	122.408	SAN MATEO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
2	0.0	0.0	0.0	0.0	0.58	0.76	0.87	1.16	1.49	2.08	20.44
5	0.0	0.0	0.0	0.0	0.82	1.06	1.23	1.64	2.10	2.93	26.75
10	0.0	0.0	0.0	0.0	0.98	1.27	1.46	1.95	2.51	3.50	30.47
20	0.0	0.0	0.0	0.0	1.13	1.47	1.69	2.25	2.90	4.03	33.76
25	0.0	0.0	0.0	0.0	1.17	1.53	1.76	2.34	3.02	4.20	34.75
40	0.0	0.0	0.0	0.0	1.27	1.65	1.90	2.54	3.27	4.55	36.78
50	0.0	0.0	0.0	0.0	1.32	1.71	1.97	2.63	3.38	4.71	37.70
100	0.0	0.0	0.0	0.0	1.46	1.89	2.18	2.91	3.74	5.21	40.48
200	0.0	0.0	0.0	0.0	1.59	2.07	2.39	3.18	4.09	5.70	43.13
1000	0.0	0.0	0.0	0.0	1.90	2.47	2.85	3.80	4.89	6.81	48.91
10000	0.0	0.0	0.0	0.0	2.33	3.03	3.50	4.66	5.99	8.35	56.57
PMP	0.0	0.0	0.0	0.0	4.47	5.82	6.70	8.93	11.49	16.00	126.43

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
MEAN	0.0	0.0	0.0	0.0	0.635	0.825	0.951	1.268	1.630	2.271	21.143
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	0.662	0.568	0.758	0.429	0.320	1.930	0.677
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.632 ; INTERCEPT (TIME=1 HOUR) =0.636 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.03009 ; AVERAGE CALC CV / USED CV = 0.81

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
KURTOSIS	0.0	0.0	0.0	0.0	3.329	3.779	4.745	3.628	3.643	8.199	3.954
N	0	0	0	0	7	7	7	7	7	7	7
RECORD YEAR	0	0	0	0	1968	1968	1968	1973	1967	1967	1969
RECORD MAXIMUM	0.0	0.0	0.0	0.0	0.800	1.200	1.400	1.700	2.200	4.200	32.900
NORMILIZED MAX	0.0	0.0	0.0	0.0	0.798	1.301	1.545	1.343	1.418	2.097	1.476
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.325	0.349	0.306	0.254	0.246	0.405	0.377
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0	0.0	0.0300	0.0390	0.0450	0.0600	0.0771	0.1074	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0463	0.0601	0.0692	0.0923	0.1187	0.1654	1.4411
RP25/A	0.0	0.0	0.0	0.0	0.0556	0.0722	0.0832	0.1109	0.1426	0.1987	1.6437
RP50/A	0.0	0.0	0.0	0.0	0.0623	0.0810	0.0933	0.1244	0.1600	0.2229	1.7833
RP100/A	0.0	0.0	0.0	0.0	0.0689	0.0896	0.1032	0.1375	0.1769	0.2465	1.9147
RP1000/A	0.0	0.0	0.0	0.0	0.0900	0.1170	0.1348	0.1797	0.2311	0.3220	2.3133
RP10000/A	0.0	0.0	0.0	0.0	0.1104	0.1435	0.1653	0.2204	0.2835	0.3949	2.6757
PMP/A	0.0	0.0	0.0	0.0	0.2116	0.2750	0.3168	0.4224	0.5433	0.7569	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMN	LATITUDE	LONGITUDE	COUNTY
F80 7153 40	PRINCETON PUMP STA	11						37.503	122.493	SAN MATEO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
1967	*****	*****	*****	*****	0.50	0.80	0.90	1.50	2.50	4.90	34.00
1968	*****	*****	*****	*****	0.50	0.80	0.90	1.30	1.80	2.40	18.80
1969	*****	*****	*****	*****	0.80	0.90	0.90	1.00	2.00	2.40	31.90
1970	*****	*****	*****	*****	0.60	0.80	1.00	1.50	2.10	3.80	24.00
1971	*****	*****	*****	*****	0.90	1.00	1.20	1.40	1.90	2.10	24.60
1972	*****	*****	*****	*****	0.30	0.50	0.60	0.90	1.00	1.30	12.20
1973	*****	*****	*****	*****	1.20	2.40	2.90	3.30	3.70	3.80	33.40

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMN	LATITUDE	LONGITUDE	COUNTY
F80 7153 40	PRINCETON PUMP STA	11						37.503	122.493	SAN MATEO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
2	0.0	0.0	0.0	0.0	0.72	1.01	1.14	1.45	1.98	2.71	24.71
5	0.0	0.0	0.0	0.0	1.01	1.42	1.61	2.05	2.79	3.81	32.34
10	0.0	0.0	0.0	0.0	1.20	1.69	1.92	2.45	3.33	4.55	36.83
20	0.0	0.0	0.0	0.0	1.39	1.95	2.22	2.82	3.84	5.25	40.80
25	0.0	0.0	0.0	0.0	1.45	2.04	2.31	2.94	4.00	5.47	42.01
40	0.0	0.0	0.0	0.0	1.57	2.20	2.50	3.18	4.33	5.92	44.45
50	0.0	0.0	0.0	0.0	1.62	2.28	2.59	3.30	4.49	6.13	45.58
100	0.0	0.0	0.0	0.0	1.79	2.52	2.86	3.64	4.96	6.78	48.93
200	0.0	0.0	0.0	0.0	1.96	2.76	3.13	3.99	5.43	7.42	52.13
1000	0.0	0.0	0.0	0.0	2.34	3.30	3.74	4.76	6.49	8.86	59.12
10000	0.0	0.0	0.0	0.0	2.87	4.05	4.59	5.84	7.96	10.87	68.38
PMP	0.0	0.0	0.0	0.0	5.51	7.75	8.79	11.19	15.25	20.83	152.83
MEAN	0.0	0.0	0.0	0.0	0.782	1.101	1.248	1.588	2.164	2.957	25.557
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	0.646	2.302	2.353	2.163	0.953	0.364	-0.581
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.567 ; INTERCEPT (TIME=1 HOUR) =0.791 ; COEFFICIENT OF DETERMINATION = 0.993
1HR INTERCEPT / MEAN YR =0.03093 ; AVERAGE CALC CV / USED CV = 1.40

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
KURTOSIS	0.0	0.0	0.0	0.0	4.729	9.777	9.868	9.304	6.804	4.002	4.071
N	0	0	0	0	7	7	7	7	7	7	7
RECORD YEAR	0	0	0	0	1973	1973	1973	1973	1973	1967	1967
RECORD MAXIMUM	0.0	0.0	0.0	0.0	1.200	2.400	2.900	3.300	3.700	4.900	34.000
NORMILIZED MAX	0.0	0.0	0.0	0.0	1.213	1.947	2.062	2.088	1.849	1.561	1.033
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.441	0.606	0.642	0.516	0.384	0.421	0.320
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0	0.0	0.0306	0.0431	0.0488	0.0621	0.0847	0.1157	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0471	0.0663	0.0752	0.0957	0.1304	0.1781	1.4411
RP25/A	0.0	0.0	0.0	0.0	0.0566	0.0797	0.0903	0.1149	0.1566	0.2140	1.6437
RP50/A	0.0	0.0	0.0	0.0	0.0635	0.0893	0.1013	0.1289	0.1757	0.2400	1.7833
RP100/A	0.0	0.0	0.0	0.0	0.0702	0.0988	0.1120	0.1426	0.1943	0.2654	1.9147
RP1000/A	0.0	0.0	0.0	0.0	0.0917	0.1291	0.1464	0.1863	0.2538	0.3468	2.3133
RP10000/A	0.0	0.0	0.0	0.0	0.1124	0.1583	0.1795	0.2284	0.3113	0.4253	2.6757
PMP/A	0.0	0.0	0.0	0.0	0.2155	0.3034	0.3440	0.4378	0.5966	0.8152	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BMM	LATITUDE	LONGITUDE	COUNTY
ERO 8033 20	SCARPERS PEAK	1930	05	05S	04W G	M	37.529	122.426	SAN MATEO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
1967	*****	*****	*****	*****	0.70	0.90	1.10	1.90	3.60	6.40	42.80
1968	*****	*****	*****	*****	0.90	1.00	1.10	1.50	1.70	2.10	17.10
1969	*****	*****	*****	*****	0.80	0.90	1.50	1.70	2.50	3.40	43.60
1970	*****	*****	*****	*****	0.80	1.10	1.40	2.10	2.50	3.00	29.00
1971	*****	*****	*****	*****	0.50	0.70	1.10	1.60	2.00	2.80	33.90
1972	*****	*****	*****	*****	*****	*****	*****	1.60	1.70	2.20	******
1973	*****	*****	*****	*****	1.20	1.60	1.80	2.00	2.50	3.20	46.00

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BMM	LATITUDE	LONGITUDE	COUNTY
ERO 8033 20	SCARPERS PEAK	1930	05	05S	04W G	M	37.529	122.426	SAN MATEO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
2	0.0	0.0	0.0	0.0	0.85	1.01	1.27	1.65	2.18	3.02	34.23
5	0.0	0.0	0.0	0.0	1.20	1.43	1.79	2.33	3.07	4.26	44.80
10	0.0	0.0	0.0	0.0	1.43	1.70	2.13	2.78	3.67	5.08	51.01
20	0.0	0.0	0.0	0.0	1.65	1.96	2.46	3.21	4.23	5.86	56.52
25	0.0	0.0	0.0	0.0	1.72	2.05	2.56	3.34	4.40	6.10	58.19
40	0.0	0.0	0.0	0.0	1.86	2.21	2.78	3.62	4.77	6.61	61.57
50	0.0	0.0	0.0	0.0	1.93	2.29	2.88	3.75	4.94	6.85	63.13
100	0.0	0.0	0.0	0.0	2.14	2.54	3.18	4.15	5.46	7.57	67.78
200	0.0	0.0	0.0	0.0	2.34	2.77	3.48	4.53	5.97	8.28	72.21
1000	0.0	0.0	0.0	0.0	2.79	3.31	4.16	5.42	7.14	9.89	81.89
10000	0.0	0.0	0.0	0.0	3.42	4.06	5.10	6.64	8.75	12.13	94.72
PMP	0.0	0.0	0.0	0.0	6.56	7.79	9.77	12.73	16.77	23.25	211.69
MEAN	0.0	0.0	0.0	0.0	0.931	1.106	1.387	1.807	2.381	3.300	35.400
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	0.568	1.447	0.864	0.372	1.078	2.033	-0.940
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.650 ; INTERCEPT (TIME=1 HOUR) =0.913 ; COEFFICIENT OF DETERMINATION = 0.984
1HR INTERCEPT / MEAN YR =0.02580 ; AVERAGE CALC CV / USED CV = 0.66

KURTOSIS	0.0	0.0	0.0	0.0	6.642	7.774	5.014	3.250	6.051	8.857	5.358
N	0	0	0	0	6	6	6	7	7	7	6
RECORD YEAR	0	0	0	0	1973	1973	1973	1970	1967	1967	1973
RECORD MAXIMUM	0.0	0.0	0.0	0.0	1.200	1.600	1.800	2.100	3.600	6.400	46.000
NORMILIZED MAX	0.0	0.0	0.0	0.0	1.019	1.502	1.382	1.256	1.835	2.138	0.958
CALC. CDEF. VAR	0.0	0.0	0.0	0.0	0.284	0.298	0.216	0.129	0.279	0.439	0.313
REGN. CDEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED CDEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0	0.0	0.0263	0.0312	0.0392	0.0510	0.0673	0.0932	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0405	0.0481	0.0603	0.0786	0.1035	0.1435	1.4411
RP25/A	0.0	0.0	0.0	0.0	0.0486	0.0578	0.0725	0.0944	0.1244	0.1724	1.6437
RP50/A	0.0	0.0	0.0	0.0	0.0546	0.0648	0.0813	0.1059	0.1395	0.1934	1.7833
RP100/A	0.0	0.0	0.0	0.0	0.0603	0.0717	0.0899	0.1171	0.1543	0.2139	1.9147
RP1000/A	0.0	0.0	0.0	0.0	0.0788	0.0936	0.1174	0.1530	0.2016	0.2794	2.3133
RP10000/A	0.0	0.0	0.0	0.0	0.0967	0.1148	0.1440	0.1876	0.2472	0.3427	2.6757
PMP/A	0.0	0.0	0.0	0.0	0.1853	0.2200	0.2760	0.3596	0.4738	0.6567	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PNM	LATITUDE	LONGITUDE	COUNTY
T12 2249 0	CUYAMA R S	2749	19	09N	24W		S	34.850	119.483	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.53	0.89	1.25	1.49	1.59	1.61	10.86
1941	*****	*****	*****	*****	0.35	0.59	0.87	0.87	0.91	1.15	16.67
1942	*****	*****	*****	*****	0.62	1.15	1.64	2.11	2.97	3.02	7.46
1943	*****	*****	*****	*****	0.35	0.59	0.79	1.20	1.80	2.35	13.60
1944	*****	*****	*****	*****	0.31	0.52	0.40	0.87	1.39	1.80	13.54
1945	*****	*****	*****	*****	0.84	0.91	0.97	1.14	1.41	1.74	7.79
1946	*****	*****	*****	*****	0.42	0.68	0.89	1.62	1.76	1.99	10.57
1947	*****	*****	*****	*****	0.17	0.30	0.33	0.38	0.40	0.44	2.99
1948	*****	*****	*****	*****	0.20	0.39	0.50	0.66	0.73	0.73	4.70
1949	*****	*****	*****	*****	0.17	0.24	0.28	0.43	0.53	0.63	3.42
1950	0.06	0.10	0.11	0.15	0.22	0.30	0.32	0.36	0.36	0.42	4.13
1951	0.05	0.06	0.07	0.10	0.19	0.25	0.26	0.42	0.51	0.56	4.78
1952	0.20	0.22	0.30	0.37	0.45	0.46	0.65	1.14	1.64	1.75	11.01
1953	0.07	0.10	0.11	0.15	0.30	0.59	0.80	1.15	1.43	1.43	2.64
1954	0.05	0.08	0.12	0.20	0.29	0.52	0.60	0.84	0.92	1.35	5.91
1955	0.03	0.05	0.08	0.11	0.19	0.32	0.35	0.48	0.48	0.48	5.56
1956	0.09	0.12	0.15	0.20	0.23	0.30	0.37	0.60	0.65	0.65	4.11
1957	0.07	0.08	0.11	0.16	0.32	0.51	0.61	0.81	0.82	0.82	7.14
1958	0.33	0.43	0.47	0.74	1.32	2.30	2.51	2.80	2.80	2.80	12.68
1959	0.19	0.25	0.30	0.55	0.85	0.85	0.85	0.85	0.85	0.88	3.43
1960	0.05	0.09	0.14	0.22	0.33	0.60	0.77	0.83	0.98	1.71	6.05
1961	0.04	0.07	0.11	0.15	0.23	0.46	0.49	0.54	0.82	0.82	3.35
1962	0.05	0.08	0.10	0.17	0.24	0.44	0.64	1.11	1.86	3.50	8.80
1963	0.04	0.06	0.09	0.14	0.24	0.44	0.61	0.81	1.03	1.08	7.41
1964	0.05	0.08	0.10	0.19	0.27	0.35	0.38	0.41	0.42	0.53	4.67
1965	0.05	0.08	0.10	0.17	0.30	0.43	0.53	0.81	1.19	1.45	8.45
1966	0.04	0.07	0.08	0.15	0.28	0.47	0.59	0.70	0.77	0.94	4.70
1969	*****	*****	*****	*****	0.20	0.38	0.48	0.73	1.06	1.23	9.53

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PNM	LATITUDE	LONGITUDE	COUNTY
T12 2249 0	CUYAMA R S	2749	19	09N	24W		S	34.850	119.483	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.08	0.11	0.14	0.21	0.39	0.57	0.67	0.87	1.06	1.24	6.78
5	0.11	0.15	0.19	0.30	0.55	0.80	0.95	1.23	1.50	1.75	9.53
10	0.13	0.18	0.23	0.36	0.66	0.96	1.13	1.47	1.79	2.09	11.33
20	0.15	0.21	0.27	0.41	0.76	1.11	1.31	1.70	2.07	2.42	13.02
25	0.16	0.22	0.28	0.43	0.79	1.15	1.36	1.77	2.15	2.52	13.54
40	0.17	0.24	0.30	0.47	0.86	1.25	1.48	1.92	2.33	2.73	14.63
50	0.18	0.25	0.31	0.48	0.89	1.29	1.53	1.99	2.42	2.83	15.14
100	0.20	0.27	0.35	0.53	0.98	1.43	1.70	2.20	2.68	3.13	16.69
200	0.22	0.30	0.38	0.58	1.07	1.57	1.86	2.41	2.93	3.42	18.21
1000	0.26	0.36	0.45	0.70	1.28	1.87	2.22	2.88	3.50	4.09	21.63
10000	0.32	0.44	0.56	0.86	1.57	2.30	2.72	3.54	4.30	5.02	26.36
PMP	0.61	0.85	1.07	1.65	3.02	4.42	5.23	6.79	8.26	9.65	51.82
MEAN	0.086	0.119	0.149	0.231	0.424	0.619	0.733	0.952	1.157	1.352	7.355
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	2.288	2.513	2.203	2.301	2.400	3.185	2.498	1.880	1.256	1.064	0.793
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.368 | INTERCEPT (TIME=1 HOUR) =0.383 | COEFFICIENT OF DETERMINATION = 0.979
1HR INTERCEPT / MEAN YR =0.05207 | AVERAGE CALC CV / USED CV = 1.83

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	8.225	9.665	7.782	8.117	9.361	15.398	10.807	7.491	4.742	3.923	3.101
N	17	17	17	17	28	28	28	28	28	28	28
RECORD YEAR	1958	1958	1958	1958	1958	1958	1958	1958	1942	1962	1941
RECORD MAXIMUM	0.330	0.430	0.470	0.740	1.320	2.300	2.510	2.800	2.970	3.500	16.670
NORMILIZED MAX	3.060	3.216	3.005	2.996	3.052	3.911	3.648	3.319	2.695	2.640	2.481
CALC. COEF. VAR	0.929	0.814	0.714	0.737	0.693	0.694	0.665	0.585	0.581	0.602	0.511
RECM. COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
USED COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
MEAN/A	0.0117	0.0162	0.0203	0.0313	0.0576	0.0842	0.0996	0.1295	0.1573	0.1838	1.0000
RP10/A	0.0181	0.0250	0.0314	0.0485	0.0892	0.1303	0.1542	0.2004	0.2435	0.2845	1.5402
RP25/A	0.0217	0.0301	0.0378	0.0584	0.1073	0.1567	0.1855	0.2411	0.2930	0.3423	1.8413
RP50/A	0.0244	0.0338	0.0425	0.0655	0.1205	0.1760	0.2083	0.2707	0.3289	0.3843	2.0584
RP100/A	0.0270	0.0374	0.0470	0.0725	0.1333	0.1947	0.2305	0.2995	0.3639	0.4253	2.2692
RP1000/A	0.0353	0.0489	0.0615	0.0949	0.1744	0.2548	0.3016	0.3919	0.4762	0.5564	2.9404
RP10000/A	0.0434	0.0600	0.0755	0.1165	0.2141	0.3127	0.3702	0.4810	0.5846	0.6831	3.5842
PMP/A	0.0833	0.1153	0.1449	0.2237	0.4111	0.6005	0.7109	0.9237	1.1225	1.3116	7.0450

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LDT	BMM	LATITUDE	LONGITUDE	COUNTY
T12 7946 0	SANTA MARIA AP NWS	238						34.900	120.450	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILAPLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	0.18	0.28	0.37	0.54	1.00	1.37	1.71	2.62	2.96	3.17	33.51
1942	0.11	0.12	0.13	0.20	0.34	0.47	0.64	0.72	1.03	1.25	9.87
1943	0.19	0.31	0.36	0.52	0.72	0.97	1.35	1.71	2.25	2.55	17.23
1944	0.12	0.17	0.17	0.18	0.33	0.43	0.57	0.86	1.18	1.32	14.13
1945	0.23	0.25	0.28	0.37	0.56	0.61	0.65	0.87	1.27	2.07	11.55
1946	0.12	0.15	0.21	0.36	0.47	0.88	1.07	1.62	1.97	2.52	12.49
1947	0.08	0.11	0.12	0.20	0.29	0.29	0.29	0.38	0.38	0.45	4.40
1948	0.17	0.23	0.24	0.25	0.32	0.58	0.70	0.89	1.21	1.36	10.30
1949	0.13	0.18	0.20	0.32	0.47	0.68	0.81	1.01	1.34	1.66	9.60
1950	0.22	0.30	0.34	0.46	0.48	0.51	0.66	0.85	0.97	0.98	10.18
1951	0.14	0.18	0.20	0.29	0.42	0.67	0.72	0.72	0.72	0.84	10.84
1952	0.16	0.25	0.31	0.45	0.61	0.87	1.06	1.38	1.52	1.87	18.24
1953	0.13	0.23	0.32	0.48	0.66	0.93	1.18	1.61	1.66	1.66	5.71
1954	0.10	0.17	0.19	0.26	0.37	0.54	0.61	0.82	1.07	1.39	11.03
1955	0.16	0.29	0.34	0.50	0.54	0.80	1.06	1.54	2.47	3.07	14.98
1956	0.08	0.12	0.18	0.24	0.43	0.52	0.79	1.40	1.71	1.92	6.83
1957	0.15	0.20	0.20	0.27	0.32	0.44	0.54	0.62	0.72	0.98	10.52
1958	0.11	0.19	0.22	0.30	0.40	0.67	0.82	1.31	1.46	1.53	18.23
1959	0.23	0.25	0.26	0.32	0.44	0.65	0.72	1.13	1.50	1.78	7.30
1960	0.22	0.32	0.38	0.46	0.72	1.36	1.79	1.81	2.07	2.07	15.86
1961	0.10	0.16	0.18	0.25	0.44	0.72	0.90	1.33	1.51	1.62	5.87
1962	0.13	0.19	0.25	0.34	0.52	0.88	1.08	1.30	1.49	2.26	13.86
1963	0.20	0.27	0.29	0.32	0.40	0.70	0.85	1.36	1.52	1.80	14.27
1964	0.16	0.22	0.25	0.33	0.43	0.54	0.62	0.95	1.22	1.40	9.93
1965	0.20	0.29	0.34	0.60	1.01	1.31	1.53	1.77	1.87	1.93	13.43
1966	0.14	0.16	0.21	0.25	0.34	0.51	0.62	0.84	1.02	1.41	7.48
1967	0.11	0.16	0.19	0.29	0.37	0.65	0.72	1.27	1.82	1.93	13.85
1968	0.11	0.17	0.19	0.23	0.42	0.65	0.83	0.96	0.98	1.24	8.16
1969	0.14	0.26	0.30	0.44	0.55	0.75	0.95	1.49	2.07	2.34	18.58
1970	0.10	0.20	0.23	0.36	0.58	1.03	1.31	1.81	2.00	2.55	13.25
1971	0.09	0.11	0.13	0.20	0.26	0.36	0.56	0.74	0.80	0.82	6.62
1972	0.12	0.20	0.28	0.36	0.42	0.56	0.68	0.99	1.10	1.10	6.75
1973	0.12	0.21	0.23	0.35	0.57	0.87	1.17	1.68	1.86	2.06	19.74
1974	0.09	0.18	0.22	0.44	0.70	1.23	1.58	2.26	3.10	3.15	15.93
1975	*****	*****	*****	*****	0.32	0.34	0.73	1.19	1.70	1.72	8.45

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LDT	BMM	LATITUDE	LONGITUDE	COUNTY
T12 7946 0	SANTA MARIA AP NWS	238						34.900	120.450	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.19	0.22	0.32	0.45	0.67	0.83	1.14	1.40	1.61	11.29
5	0.18	0.27	0.32	0.45	0.64	0.94	1.18	1.62	1.98	2.28	15.87
10	0.22	0.32	0.38	0.53	0.76	1.13	1.41	1.94	2.37	2.73	18.88
20	0.25	0.37	0.44	0.62	0.88	1.30	1.63	2.24	2.73	3.15	21.69
25	0.27	0.39	0.46	0.64	0.92	1.36	1.70	2.33	2.85	3.29	22.57
40	0.29	0.42	0.49	0.70	0.99	1.47	1.84	2.53	3.09	3.56	24.38
50	0.30	0.44	0.51	0.72	1.03	1.53	1.90	2.62	3.20	3.69	25.23
100	0.33	0.48	0.57	0.80	1.14	1.69	2.11	2.90	3.54	4.08	27.81
200	0.36	0.53	0.62	0.87	1.25	1.85	2.31	3.17	3.87	4.47	30.34
1000	0.43	0.63	0.74	1.04	1.49	2.21	2.76	3.79	4.63	5.34	36.04
10000	0.53	0.77	0.91	1.28	1.83	2.71	3.38	4.65	5.68	6.56	43.93
PMP	1.02	1.49	1.74	2.46	3.51	5.21	6.50	8.93	10.91	12.59	86.35
MEAN	0.142	0.208	0.244	0.345	0.492	0.730	0.911	1.252	1.529	1.765	12.256
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.621	0.194	0.266	0.514	1.428	0.933	0.940	0.718	0.674	0.397	1.657
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.487 I INTERCEPT (TIME=1 HOUR) =0.506 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.04130 ; AVERAGE CALC CV / USED CV = 0.82

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	2.574	2.379	2.438	2.647	5.367	3.563	3.495	3.840	3.822	3.112	8.150
N	34	34	34	34	35	35	35	35	35	35	35
RECORD YEAR	1945	1960	1960	1965	1965	1941	1960	1941	1974	1941	1941
RECORD MAXIMUM	0.230	0.320	0.380	0.600	1.010	1.370	1.790	2.620	3.100	3.170	33.510
NORMILIZED MAX	1.978	1.889	1.905	2.324	2.916	2.321	2.460	2.839	2.599	2.123	3.840
CALC. COEF. VAR	0.311	0.284	0.291	0.318	0.361	0.378	0.393	0.385	0.395	0.375	0.452
REGN. COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
USED COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
MEAN/A	0.0116	0.0170	0.0199	0.0281	0.0401	0.0595	0.0743	0.1021	0.1248	0.1440	1.0000
RP10/A	0.0180	0.0263	0.0309	0.0436	0.0621	0.0921	0.1150	0.1581	0.1931	0.2229	1.5402
RP25/A	0.0216	0.0316	0.0371	0.0524	0.0748	0.1109	0.1384	0.1902	0.2323	0.2682	1.8413
RP50/A	0.0243	0.0355	0.0417	0.0588	0.0839	0.1245	0.1553	0.2135	0.2608	0.3010	2.0584
RP100/A	0.0269	0.0393	0.0461	0.0651	0.0929	0.1377	0.1719	0.2363	0.2886	0.3331	2.2692
RP1000/A	0.0352	0.0514	0.0604	0.0852	0.1215	0.1802	0.2249	0.3091	0.3776	0.4358	2.9404
RP10000/A	0.0432	0.0631	0.0741	0.1046	0.1492	0.2212	0.2761	0.3795	0.4636	0.5350	3.5842
PMP/A	0.0829	0.1212	0.1423	0.2008	0.2864	0.4248	0.5301	0.7287	0.8902	1.0274	7.0450

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T12 7946 20	SANTA MARIA ROAD YARD	200	15	10N	34W		S	34.950	120.450	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12M	24H	F-YR
1966	*****	*****	0.35	0.53	0.94	1.20	1.40	1.65	1.70	1.75	9.48
1967	0.14	0.21	0.25	0.28	0.43	0.53	0.63	1.10	1.58	1.89	17.67
1968	0.15	0.19	0.23	0.28	0.52	0.63	0.70	0.77	0.82	1.32	9.51
1969	0.12	0.22	0.26	0.37	0.55	0.69	0.99	1.36	1.78	2.15	23.18
1970	0.23	0.24	0.34	0.53	0.84	1.05	1.35	1.82	2.73	3.56	10.12
1971	0.10	0.14	0.17	0.32	0.52	0.74	0.92	1.49	1.49	1.49	10.37
1972	0.07	0.11	0.14	0.23	0.23	0.28	0.39	0.53	0.57	0.57	4.72
1973	0.26	0.34	0.39	0.62	0.78	0.98	1.31	1.87	2.06	2.12	20.28
1974	0.13	0.23	0.25	0.33	0.61	0.91	1.19	1.55	1.97	2.16	16.22
1975	0.14	0.24	0.31	0.52	0.66	1.18	1.53	2.21	2.87	2.87	12.24

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T12 7946 20	SANTA MARIA ROAD YARD	200	15	10N	34W		S	34.950	120.450	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12M	24H	F-YR
2	0.14	0.19	0.25	0.37	0.56	0.75	0.95	1.31	1.61	1.82	12.33
5	0.19	0.28	0.35	0.52	0.79	1.04	1.35	1.86	2.27	2.57	17.33
10	0.23	0.33	0.42	0.62	0.94	1.27	1.61	2.22	2.72	3.08	20.61
20	0.27	0.38	0.48	0.72	1.09	1.46	1.86	2.56	3.14	3.55	23.68
25	0.28	0.40	0.50	0.75	1.13	1.53	1.94	2.67	3.27	3.70	24.63
40	0.30	0.43	0.54	0.81	1.23	1.65	2.10	2.90	3.55	4.01	26.61
50	0.31	0.45	0.56	0.84	1.27	1.71	2.18	3.00	3.67	4.16	27.54
100	0.34	0.49	0.62	0.93	1.41	1.89	2.41	3.32	4.06	4.60	30.36
200	0.38	0.54	0.68	1.02	1.54	2.07	2.64	3.63	4.45	5.03	33.12
1000	0.45	0.65	0.81	1.21	1.84	2.48	3.15	4.34	5.32	6.02	39.34
10000	0.55	0.79	1.00	1.49	2.26	3.04	3.87	5.33	6.53	7.39	47.95
PMP	1.06	1.52	1.92	2.86	4.34	5.84	7.43	10.24	12.54	14.18	94.25
MEAN	0.149	0.213	0.269	0.401	0.608	0.819	1.041	1.435	1.757	1.988	13.379
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.937	0.322	-0.128	0.387	-0.106	-0.373	-0.442	-0.467	-0.067	0.323	0.399
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.454 ; INTERCEPT (71MF=1 HOUR) =0.578 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.04317 ; AVERAGE CALC CV / USED CV = 0.84

	5M	10M	15M	30M	1H	2H	3H	6H	12M	24H	F-YR
KURTOSIS	4.455	5.238	3.306	2.556	3.965	3.417	3.026	3.689	3.760	4.770	3.327
N	9	9	10	10	10	10	10	10	10	10	10
RECORD YEAR	1973	1973	1973	1973	1966	1966	1975	1975	1975	1970	1969
RECORD MAXIMUM	0.260	0.340	0.390	0.620	0.940	1.200	1.530	2.210	2.870	3.560	23.180
NORMILIZED MAX	1.849	1.932	1.525	1.610	1.595	1.281	1.294	1.507	1.538	1.910	1.708
CALC. COEF. VAR	0.404	0.307	0.295	0.339	0.342	0.363	0.363	0.358	0.412	0.414	0.429
REGN. COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
USED COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
MEAN/A	0.0111	0.0159	0.0201	0.0300	0.0454	0.0612	0.0778	0.1073	0.1313	0.1486	1.0000
RP10/A	0.0172	0.0247	0.0311	0.0464	0.0703	0.0947	0.1204	0.1660	0.2032	0.2300	1.5402
RP25/A	0.0207	0.0297	0.0374	0.0558	0.0846	0.1140	0.1449	0.1997	0.2446	0.2767	1.8413
RP50/A	0.0233	0.0333	0.0420	0.0627	0.0950	0.1280	0.1627	0.2242	0.2746	0.3106	2.0584
RP100/A	0.0257	0.0369	0.0465	0.0693	0.1051	0.1416	0.1800	0.2481	0.3038	0.3437	2.2692
RP1000/A	0.0337	0.0483	0.0609	0.0907	0.1376	0.1853	0.2355	0.3246	0.3975	0.4498	2.9404
RP10000/A	0.0414	0.0592	0.0747	0.1114	0.1689	0.2275	0.2891	0.3985	0.4880	0.5521	3.5862
PMP/A	0.0794	0.1138	0.1435	0.2139	0.3242	0.4368	0.5552	0.7653	0.9370	1.0602	7.0450

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T12 8266 0	SISQUOC FIRE STA	420						34.867	120.300	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1971	0.11	0.15	0.16	0.22	0.33	0.49	0.67	1.18	1.54	1.73	8.11
1972	0.14	0.22	0.26	0.37	0.51	0.88	1.09	1.54	1.68	1.71	5.07
1973	0.44	0.44	0.45	0.48	0.63	0.85	1.00	1.27	1.44	2.10	19.72
1974	0.15	0.25	0.28	0.39	0.57	0.70	0.84	1.11	1.36	1.65	14.86
1975	0.10	0.13	0.16	0.28	0.51	1.01	1.31	1.68	2.11	2.17	9.68

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T12 8266 0	SISQUOC FIRE STA	420						34.867	120.300	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.17	0.22	0.24	0.32	0.45	0.72	0.90	1.24	1.49	1.71	10.58
5	0.24	0.31	0.34	0.45	0.63	1.02	1.27	1.75	2.10	2.42	14.88
10	0.29	0.37	0.41	0.54	0.76	1.22	1.52	2.10	2.52	2.90	17.69
20	0.34	0.43	0.47	0.62	0.88	1.40	1.76	2.42	2.91	3.35	20.33
25	0.35	0.44	0.49	0.65	0.91	1.46	1.83	2.53	3.03	3.49	21.15
40	0.38	0.48	0.53	0.70	0.99	1.59	1.98	2.74	3.28	3.78	22.85
50	0.39	0.50	0.55	0.73	1.02	1.64	2.05	2.83	3.40	3.91	23.65
100	0.43	0.55	0.61	0.81	1.13	1.82	2.27	3.14	3.76	4.33	26.07
200	0.48	0.60	0.66	0.88	1.24	1.99	2.49	3.43	4.12	4.74	28.44
1000	0.57	0.72	0.79	1.05	1.48	2.38	2.97	4.10	4.92	5.67	33.78
10000	0.70	0.88	0.97	1.29	1.82	2.92	3.65	5.04	6.04	6.96	41.18
PMP	1.34	1.70	1.87	2.48	3.50	5.61	7.01	9.68	11.60	13.36	80.93
MEAN	0.188	0.238	0.262	0.348	0.490	0.786	0.982	1.356	1.626	1.872	11.488
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.120	1.404	1.124	-0.011	-1.831	-0.755	0.096	0.554	1.411	0.587	0.611
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.533 ; INTERCEPT (TIME=1 HOUR) =0.538 ; COEFFICIENT OF DETERMINATION = 0.984
IMP INTERCEPT / MEAN YR =0.04682 ; AVERAGE CALC CV / USED CV = 0.95

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	10.489	8.424	7.658	6.010	9.847	6.895	6.403	4.967	8.322	4.206	5.998
N	5	5	5	5	5	5	5	5	5	5	5
RECORD YEAR	1973	1973	1973	1973	1974	1975	1975	1975	1975	1975	1973
RECORD MAXIMUM	0.440	0.440	0.450	0.480	0.570	1.010	1.310	1.680	2.110	2.170	19.720
NORMILIZED MAX	1.770	1.640	1.582	1.309	0.863	1.127	1.347	1.329	1.636	1.226	1.417
CALC. COEF. VAR	0.757	0.518	0.454	0.290	0.189	0.253	0.248	0.180	0.182	0.130	0.506
REGN. COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
USED COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
MEAN/A	0.0164	0.0207	0.0228	0.0303	0.0427	0.0684	0.0855	0.1180	0.1415	0.1630	1.0000
RP10/A	0.0253	0.0321	0.0353	0.0469	0.0660	0.1059	0.1323	0.1827	0.2191	0.2522	1.5402
RP25/A	0.0305	0.0386	0.0425	0.0564	0.0794	0.1274	0.1592	0.2198	0.2636	0.3035	1.8413
RP50/A	0.0342	0.0433	0.0477	0.0633	0.0892	0.1430	0.1787	0.2468	0.2959	0.3407	2.0584
RP100/A	0.0379	0.0479	0.0528	0.0701	0.0987	0.1583	0.1977	0.2731	0.3274	0.3770	2.2692
RP1000/A	0.0495	0.0627	0.0690	0.0917	0.1291	0.2071	0.2587	0.3573	0.4284	0.4932	2.9404
RP10000/A	0.0608	0.0770	0.0847	0.1126	0.1585	0.2542	0.3176	0.4386	0.5259	0.6055	3.5842
PMP/A	0.1168	0.1478	0.1627	0.2161	0.3043	0.4882	0.6099	0.8422	1.0099	1.1627	7.0450

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
T12 9457 0	WASIOJA FORBES RCH	2175	32	11N	28W	P	5	34.983	119.900	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.06	0.10	0.14	0.26	0.46	0.78	0.93	1.20	1.31	1.48	******
1941	0.08	0.16	0.24	0.41	0.73	1.04	1.38	1.55	1.82	2.28	******
1942	0.05	0.08	0.12	0.18	0.35	0.47	0.56	0.76	0.94	1.03	******
1943	0.13	0.15	0.17	0.18	0.29	0.52	0.69	1.14	2.28	4.56	******
1944	0.05	0.10	0.15	0.23	0.40	0.67	0.94	1.71	2.71	3.65	******
1945	0.08	0.14	0.19	0.35	0.57	1.01	1.26	2.11	2.62	3.09	******
1946	0.04	0.07	0.11	0.21	0.34	0.58	0.80	1.49	2.04	2.64	******
1947	0.14	0.27	0.38	0.71	0.92	0.93	0.94	0.94	0.95	1.08	******
1948	0.08	0.15	0.18	0.25	0.33	0.50	0.67	1.24	1.66	1.76	******
1949	0.05	0.09	0.13	0.24	0.42	0.63	0.83	1.05	1.25	1.74	******
1950	0.05	0.10	0.15	0.26	0.46	0.74	0.91	1.21	1.25	1.26	******
1951	0.07	0.13	0.16	0.28	0.40	0.79	1.02	1.42	2.67	1.62	11.02
1952	0.07	0.10	0.15	0.28	0.41	0.72	1.06	1.61	2.48	3.31	23.07
1953	0.05	0.09	0.12	0.18	0.34	0.55	0.80	1.51	1.55	1.55	5.05
1954	0.09	0.14	0.19	0.36	0.60	0.78	1.21	1.76	2.05	2.25	13.45
1955	0.05	0.09	0.13	0.26	0.42	0.75	0.99	1.39	1.60	1.98	10.43
1956	0.07	0.13	0.15	0.23	0.30	0.57	0.82	1.35	1.70	1.84	5.87
1957	0.07	0.13	0.20	0.26	0.39	0.68	0.83	1.04	1.38	1.55	10.23
1958	0.09	0.17	0.25	0.40	0.53	0.68	0.88	1.33	2.23	2.37	22.19
1959	0.05	0.10	0.14	0.23	0.42	0.66	0.96	1.78	2.07	2.11	7.94
1960	0.27	0.35	0.41	0.46	0.53	0.64	0.70	0.99	1.04	1.44	******
1961	0.05	0.10	0.15	0.25	0.44	0.83	1.01	1.56	2.04	2.17	7.61
1962	0.10	0.12	0.17	0.29	0.51	0.90	1.10	1.68	2.03	3.17	38.70
1963	0.08	0.16	0.23	0.30	0.43	0.80	1.03	1.50	1.89	2.38	14.21
1964	0.07	0.10	0.15	0.24	0.40	0.68	0.77	1.01	1.31	1.38	10.11
1965	0.09	0.13	0.18	0.28	0.45	0.64	0.79	0.98	1.18	1.48	14.78
1966	0.19	0.31	0.35	0.42	0.50	0.74	1.06	2.03	3.42	6.39	14.59
1967	0.28	0.43	0.53	0.75	0.85	0.86	0.87	0.88	0.89	0.99	******
1968	0.13	0.19	0.25	0.33	0.46	0.54	0.68	0.99	1.85	2.53	8.95
1969	0.03	0.04	0.05	0.08	0.15	0.24	0.29	0.38	0.50	0.80	******
1970	0.13	0.23	0.32	0.47	0.70	0.79	0.94	1.19	1.91	2.60	14.22
1971	0.04	0.07	0.10	0.16	0.26	0.46	0.57	1.03	1.64	1.80	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
T12 9457 0	WASIOJA FORBES RCH	2175	32	11N	28W	P	5	34.983	119.900	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.08	0.13	0.18	0.28	0.42	0.63	0.81	1.19	1.61	2.01	12.60
5	0.12	0.19	0.26	0.40	0.60	0.90	1.14	1.69	2.28	2.84	17.71
10	0.14	0.23	0.31	0.47	0.71	1.07	1.37	2.02	2.72	3.40	21.06
20	0.16	0.26	0.35	0.55	0.82	1.24	1.58	2.34	3.14	3.93	24.19
25	0.17	0.27	0.37	0.57	0.86	1.29	1.65	2.43	3.27	4.09	25.17
40	0.18	0.30	0.40	0.62	0.93	1.40	1.78	2.66	3.55	4.43	27.20
50	0.19	0.31	0.41	0.64	0.96	1.45	1.85	2.73	3.68	4.59	28.14
100	0.21	0.34	0.46	0.71	1.07	1.60	2.05	3.02	4.07	5.08	31.02
200	0.23	0.37	0.50	0.77	1.17	1.75	2.24	3.31	4.45	5.56	33.84
1000	0.27	0.45	0.60	0.93	1.40	2.10	2.68	3.95	5.32	6.65	40.20
10000	0.33	0.55	0.74	1.14	1.71	2.57	3.28	4.85	6.53	8.16	49.00
PMP	0.64	1.05	1.41	2.18	3.29	4.94	6.31	9.32	12.54	15.67	96.32
MEAN	0.090	0.147	0.198	0.306	0.461	0.693	0.884	1.307	1.758	2.196	13.672
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.093	1.848	1.649	1.711	1.110	-0.224	-0.238	0.014	0.382	1.940	2.020
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.370 ; INTERCEPT (TIME=1 HOUR) =0.455 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.03328 ; AVERAGE CALC CV / USED CV = 1.07

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	7.500	6.564	6.013	6.736	4.956	3.877	4.332	3.360	3.490	8.263	8.206
N	32	32	32	32	32	32	32	32	32	32	17
RECORD YEAR	1967	1967	1967	1967	1947	1941	1941	1945	1966	1966	1962
RECORD MAXIMUM	0.280	0.430	0.530	0.750	0.920	1.040	1.380	2.110	3.420	6.390	38.700
NORMILIZED MAX	3.181	3.297	3.269	3.137	2.834	2.060	2.294	2.133	2.629	3.698	3.076
CALC. COEF. VAR	0.664	0.581	0.512	0.463	0.351	0.243	0.245	0.288	0.360	0.516	0.595
REGN. COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
USED COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
MEAN/A	0.0066	0.0108	0.0145	0.0224	0.0337	0.0507	0.0647	0.0956	0.1286	0.1606	1.0000
RP10/A	0.0102	0.0167	0.0224	0.0346	0.0522	0.0784	0.1001	0.1479	0.1990	0.2486	1.5402
RP25/A	0.0123	0.0201	0.0270	0.0417	0.0628	0.0944	0.1204	0.1780	0.2395	0.2992	1.8413
RP50/A	0.0138	0.0226	0.0303	0.0468	0.0705	0.1059	0.1352	0.1998	0.2688	0.3358	2.0584
RP100/A	0.0152	0.0250	0.0335	0.0518	0.0780	0.1172	0.1496	0.2211	0.2975	0.3716	2.2692
RP1000/A	0.0199	0.0327	0.0439	0.0677	0.1021	0.1534	0.1957	0.2893	0.3892	0.4862	2.9404
RP10000/A	0.0245	0.0401	0.0538	0.0831	0.1254	0.1883	0.2403	0.3551	0.4778	0.5969	3.5842
PMP/A	0.0470	0.0770	0.1034	0.1597	0.2407	0.3616	0.4614	0.6819	0.9175	1.1462	7.0450

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T13 1970 60	CONFAGLIA RANCH 202	680		08N	32W		S	34.733	120.330	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
1962	*****	*****	*****	*****	1.28	1.35	1.50	1.78	2.28	3.05	21.40
1963	*****	*****	*****	*****	0.20	0.38	0.55	1.06	1.15	1.48	10.83
1964	*****	*****	*****	*****	0.07	0.14	0.23	0.46	0.90	1.30	6.26
1965	*****	*****	*****	*****	0.44	0.58	0.75	1.06	1.26	1.41	13.91
1966	*****	*****	*****	*****	0.50	0.72	0.94	1.43	1.85	2.22	11.89
1967	*****	*****	*****	*****	1.18	1.21	1.22	1.65	2.09	2.29	19.73
1968	*****	*****	*****	*****	0.39	0.55	0.66	0.82	1.42	1.82	10.52
1969	*****	*****	*****	0.33	0.44	0.69	0.93	1.40	2.22	2.92	26.63
1970	*****	*****	*****	0.26	0.40	0.70	0.80	1.10	1.38	1.74	9.49
1971	*****	*****	*****	0.16	0.32	0.48	0.61	0.78	1.16	1.56	10.02
1972	*****	*****	*****	0.30	0.59	0.90	1.25	1.95	2.20	2.22	6.03
1973	*****	*****	*****	0.33	0.60	0.90	1.20	1.60	1.97	2.09	19.30
1974	*****	*****	0.20	0.32	0.50	0.64	0.91	1.17	1.39	2.34	15.88
1975	*****	*****	0.30	0.44	0.72	1.15	1.72	2.54	3.31	3.60	18.67

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T13 1970 60	CONFAGLIA RANCH 202	680		08N	32W		S	34.733	120.330	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
2	0.0	0.0	0.23	0.28	0.50	0.68	0.87	1.23	1.60	1.96	13.20
5	0.0	0.0	0.32	0.40	0.71	0.96	1.23	1.74	2.27	2.78	18.56
10	0.0	0.0	0.39	0.47	0.84	1.15	1.47	2.08	2.72	3.32	22.06
20	0.0	0.0	0.45	0.55	0.97	1.33	1.69	2.40	3.14	3.83	25.35
25	0.0	0.0	0.47	0.57	1.01	1.38	1.77	2.50	3.27	4.00	26.38
40	0.0	0.0	0.50	0.62	1.10	1.50	1.91	2.71	3.54	4.33	28.50
50	0.0	0.0	0.52	0.64	1.14	1.55	1.98	2.81	3.67	4.49	29.49
100	0.0	0.0	0.58	0.71	1.26	1.72	2.19	3.11	4.06	4.96	32.51
200	0.0	0.0	0.63	0.77	1.38	1.88	2.40	3.40	4.44	5.43	35.46
1000	0.0	0.0	0.76	0.93	1.65	2.25	2.87	4.06	5.31	6.49	42.12
10000	0.0	0.0	0.93	1.14	2.03	2.76	3.52	4.99	6.52	7.97	51.35
PMP	0.0	0.0	1.78	2.18	3.89	5.30	6.76	9.58	12.53	15.31	100.92
MEAN	0.0	0.0	0.250	0.306	0.545	0.742	0.948	1.343	1.756	2.146	14.326
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	-0.286	1.186	0.257	0.264	0.569	0.954	0.786	0.465
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.442 ; INTERCEPT (TIME=1 HOUR) =0.510 ; COEFFICIENT OF DETERMINATION = 0.971
1HR INTERCEPT / MEAN YR =0.03558 ; AVERAGE CALC CV / USED CV = 1.00

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
KURTOSIS	0.0	0.0	0.0	6.276	4.843	3.407	3.531	4.100	4.653	3.670	3.074
N	0	0	2	7	14	14	14	14	14	14	14
RECORD YEAR	0	0	1975	1975	1962	1962	1975	1975	1975	1975	1969
RECORD MAXIMUM	0.0	0.0	0.300	0.440	1.280	1.350	1.720	2.540	3.310	3.600	26.630
NORMILIZED MAX	0.0	0.0	0.707	1.590	2.204	1.823	1.938	2.219	2.421	2.155	2.014
CALC. CDEF. VAR	0.0	0.0	0.283	0.276	0.612	0.449	0.420	0.402	0.366	0.314	0.426
REGN. CDEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
USED CDEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
MEAN/A	0.0	0.0	0.0175	0.0213	0.0380	0.0518	0.0662	0.0937	0.1226	0.1498	1.0000
RP10/A	0.0	0.0	0.0270	0.0330	0.0589	0.0802	0.1024	0.1451	0.1897	0.2318	1.5402
RP25/A	0.0	0.0	0.0325	0.0397	0.0708	0.0965	0.1232	0.1746	0.2282	0.2789	1.8413
RP50/A	0.0	0.0	0.0365	0.0446	0.0795	0.1083	0.1383	0.1960	0.2562	0.3131	2.0584
RP100/A	0.0	0.0	0.0404	0.0494	0.0880	0.1198	0.1531	0.2168	0.2835	0.3465	2.2692
RP1000/A	0.0	0.0	0.0528	0.0646	0.1151	0.1568	0.2003	0.2837	0.3710	0.4534	2.9404
RP10000/A	0.0	0.0	0.0648	0.0793	0.1414	0.1925	0.2458	0.3483	0.4554	0.5565	3.5842
PMP/A	0.0	0.0	0.1245	0.1523	0.2714	0.3696	0.4721	0.6688	0.8744	1.0687	7.0450

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T13 5107 0	LOS ALAMOS	565						34.750	120.283	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1965	0.09	0.17	0.24	0.39	0.64	0.92	1.16	1.73	1.94	2.01	16.67
1966	*****	*****	0.27	0.39	0.57	0.88	1.14	1.69	1.96	2.38	12.79
1967	*****	*****	0.20	0.30	0.52	0.74	0.98	1.42	1.74	2.14	17.40
1968	*****	*****	0.20	0.35	0.53	0.76	0.86	0.98	1.12	1.56	11.75
1969	0.13	0.22	0.28	0.37	0.51	0.76	1.01	1.57	2.16	2.62	25.73
1970	0.09	0.15	0.19	0.37	0.64	0.82	0.84	0.94	1.05	1.64	10.23
1971	0.10	0.14	0.18	0.21	0.36	0.54	0.62	0.70	1.13	1.49	11.34
1972	0.36	0.59	0.80	1.04	1.24	1.52	1.80	2.43	2.70	2.74	6.67
1973	0.20	0.22	0.23	0.41	0.67	1.02	1.33	1.80	2.08	2.16	19.50
1974	0.10	0.12	0.18	0.31	0.47	0.77	0.99	1.32	1.41	1.46	15.41
1975	0.12	0.18	0.24	0.34	0.56	1.05	1.47	2.19	2.44	2.70	13.01

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T13 5107 0	LOS ALAMOS	565						34.750	120.283	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.14	0.20	0.25	0.37	0.56	0.81	1.01	1.39	1.63	1.90	13.44
5	0.19	0.29	0.35	0.53	0.79	1.15	1.44	1.97	2.31	2.69	18.90
10	0.23	0.35	0.42	0.63	0.94	1.38	1.72	2.36	2.76	3.22	22.47
20	0.27	0.40	0.49	0.73	1.09	1.59	1.98	2.72	3.19	3.72	25.82
25	0.28	0.42	0.51	0.76	1.14	1.66	2.07	2.84	3.32	3.88	26.87
40	0.30	0.45	0.55	0.82	1.23	1.79	2.24	3.08	3.60	4.20	29.03
50	0.31	0.47	0.57	0.85	1.28	1.86	2.32	3.19	3.73	4.35	30.03
100	0.34	0.52	0.63	0.94	1.41	2.06	2.57	3.53	4.13	4.82	33.11
200	0.38	0.57	0.69	1.03	1.54	2.25	2.81	3.86	4.52	5.27	36.12
1000	0.45	0.68	0.83	1.23	1.85	2.69	3.36	4.61	5.40	6.30	42.90
10000	0.55	0.83	1.02	1.51	2.27	3.30	4.12	5.66	6.63	7.74	52.30
PMP	1.06	1.60	1.95	2.91	4.35	6.34	7.91	10.88	12.73	14.85	102.79
MEAN	0.149	0.224	0.274	0.407	0.610	0.889	1.109	1.525	1.785	2.082	14.591
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.130	2.527	3.094	2.900	2.414	1.556	0.802	0.116	0.079	0.029	0.783
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.439 ; INTERCEPT (TIME=1 HOUR) =0.603 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.04130 ; AVERAGE CALC CV / USED CV = 1.20

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	8.414	10.332	12.910	12.254	10.348	7.236	4.574	3.358	2.840	2.338	4.837
N	8	8	11	11	11	11	11	11	11	11	11
RECORD YEAR	1972	1972	1972	1972	1972	1972	1972	1972	1972	1972	1969
RECORD MAXIMUM	0.360	0.590	0.800	1.040	1.240	1.520	1.800	2.430	2.700	2.740	25.730
NORMILIZED MAX	2.280	2.406	2.858	2.914	2.782	2.497	2.108	1.717	1.649	1.340	2.155
CALC. COEF. VAR	0.623	0.680	0.660	0.533	0.371	0.284	0.296	0.366	0.311	0.236	0.356
REGN. COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
USED COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
MEAN/A	0.0102	0.0153	0.0188	0.0279	0.0418	0.0609	0.0760	0.1045	0.1223	0.1427	1.0000
RP10/A	0.0158	0.0237	0.0290	0.0432	0.0647	0.0943	0.1176	0.1617	0.1893	0.2208	1.5402
RP25/A	0.0190	0.0286	0.0349	0.0520	0.0779	0.1135	0.1416	0.1946	0.2278	0.2657	1.8413
RP50/A	0.0213	0.0321	0.0392	0.0584	0.0874	0.1274	0.1589	0.2184	0.2557	0.2983	2.0586
RP100/A	0.0236	0.0355	0.0434	0.0646	0.0967	0.1410	0.1758	0.2417	0.2829	0.3301	2.2692
RP1000/A	0.0309	0.0464	0.0568	0.0845	0.1265	0.1844	0.2301	0.3163	0.3702	0.4319	2.9404
RP10000/A	0.0379	0.0570	0.0697	0.1037	0.1553	0.2264	0.2824	0.3882	0.4544	0.5301	3.5842
PMP/A	0.0727	0.1094	0.1338	0.1992	0.2983	0.4348	0.5423	0.7455	0.8726	1.0180	7.0450

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T13 5186 60	LUIS RANCH 203	920		07N	33W		S	34.717	120.367	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1964	0.10	0.12	0.14	0.19	0.29	0.47	0.58	0.75	0.85	1.07	4.72
1965	0.12	0.23	0.31	0.48	0.66	0.89	1.06	1.13	1.42	1.65	15.72
1966	0.13	0.22	0.30	0.45	0.63	0.90	1.04	1.44	1.64	2.04	10.69
1967	0.09	0.15	0.27	0.36	0.53	0.53	0.74	1.15	1.40	1.50	15.50
1969	0.13	0.23	0.28	0.36	0.48	0.82	0.82	1.38	1.94	2.79	27.50
1970	0.19	0.31	0.40	0.52	0.78	0.79	0.81	0.83	1.46	1.76	11.09
1971	0.10	0.13	0.16	0.25	0.39	0.53	0.62	0.98	1.21	1.59	11.30
1972	0.19	0.26	0.37	0.53	0.90	1.30	1.60	2.12	2.33	2.35	7.16
1973	0.12	0.22	0.32	0.55	0.70	1.08	1.33	1.82	2.22	2.40	24.57

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T13 5186 60	LUIS RANCH 203	920		07N	33W		S	34.717	120.367	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.12	0.19	0.25	0.37	0.54	0.74	0.88	1.18	1.47	1.74	13.13
5	0.17	0.27	0.36	0.53	0.77	1.05	1.25	1.67	2.08	2.47	18.46
10	0.20	0.32	0.43	0.63	0.92	1.26	1.50	1.99	2.49	2.95	21.95
20	0.23	0.37	0.50	0.73	1.06	1.45	1.73	2.30	2.87	3.41	25.22
25	0.24	0.39	0.52	0.76	1.11	1.51	1.80	2.40	2.99	3.55	26.24
40	0.26	0.42	0.56	0.83	1.20	1.64	1.95	2.60	3.24	3.85	28.35
50	0.27	0.43	0.58	0.86	1.25	1.70	2.02	2.69	3.36	3.98	29.33
100	0.30	0.48	0.64	0.95	1.38	1.88	2.24	2.98	3.72	4.41	32.34
200	0.33	0.53	0.70	1.04	1.51	2.06	2.45	3.26	4.07	4.82	35.27
1000	0.39	0.63	0.84	1.24	1.80	2.46	2.93	3.90	4.87	5.77	41.90
10000	0.48	0.77	1.03	1.52	2.21	3.02	3.59	4.79	5.97	7.08	51.08
PMP	0.93	1.48	1.98	2.93	4.25	5.80	6.90	9.20	11.47	13.60	100.39
MEAN	0.130	0.208	0.278	0.410	0.596	0.812	0.967	1.289	1.608	1.906	14.250
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.011	-0.067	-0.394	-0.669	-0.070	0.401	0.808	0.756	0.183	0.212	0.781
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.445 ; INTERCEPT (TIME=1 HOUR) =0.564 ; COEFFICIENT OF DETERMINATION = 0.988
1HR INTERCEPT / MEAN YR =0.0395R ; AVERAGE CALC CV / USED CV = 0.78

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	3.984	3.475	3.363	3.363	3.619	3.778	4.208	3.969	3.566	3.645	3.915
N	9	9	9	9	9	9	9	9	9	9	9
RECORD YEAR	1970	1970	1970	1973	1972	1972	1972	1972	1972	1969	1969
RECORD MAXIMUM	0.190	0.310	0.400	0.550	0.900	1.300	1.600	2.120	2.330	2.790	27.500
NORMALIZED MAX	1.633	1.628	1.378	1.092	1.582	1.781	1.894	1.833	1.506	1.653	1.751
CALC. COEF. VAR	0.283	0.302	0.319	0.313	0.323	0.337	0.346	0.352	0.298	0.281	0.531
REGN. COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
USED COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
MEAN/A	0.0091	0.0146	0.0195	0.0288	0.0418	0.0570	0.0678	0.0904	0.1128	0.1337	1.0000
RP10/A	0.0141	0.0226	0.0302	0.0445	0.0647	0.0882	0.1050	0.1400	0.1746	0.2070	1.5402
RP25/A	0.0170	0.0272	0.0363	0.0536	0.0778	0.1061	0.1263	0.1684	0.2101	0.2490	1.8413
RP50/A	0.0191	0.0305	0.0408	0.0602	0.0874	0.1192	0.1418	0.1891	0.2359	0.2796	2.0584
RP100/A	0.0211	0.0337	0.0451	0.0666	0.0967	0.1319	0.1569	0.2092	0.2610	0.3093	2.2692
RP1000/A	0.0276	0.0441	0.0590	0.0871	0.1265	0.1725	0.2053	0.2738	0.3415	0.4048	2.9404
RP10000/A	0.0339	0.0542	0.0724	0.1069	0.1553	0.2118	0.2521	0.3361	0.4192	0.4969	3.5842
PMP/A	0.0651	0.1040	0.1391	0.2053	0.2982	0.4067	0.4840	0.6453	0.8050	0.9541	7.0450

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T14 1167 40	BUELLTON E S	360		06N	32W		S	34.617	120.200	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1966	*****	*****	0.27	0.48	0.69	1.11	1.66	2.28	2.46	3.41	16.94
1967	*****	*****	0.11	0.18	0.30	0.60	0.84	1.54	2.15	2.25	17.23
1968	*****	*****	0.32	0.50	0.66	0.84	0.96	1.16	1.19	1.37	9.83
1969	*****	*****	0.25	0.46	0.58	0.92	1.20	2.17	3.23	3.80	30.12
1970	*****	*****	0.19	0.28	0.42	0.61	0.75	1.01	1.48	1.76	8.71
1971	*****	*****	0.15	0.18	0.34	0.53	0.64	0.74	0.96	1.48	11.08
1972	*****	*****	0.14	0.22	0.43	0.84	1.20	1.90	2.24	2.29	7.64
1973	*****	*****	0.33	0.65	0.96	1.46	1.77	2.46	3.05	3.32	21.28
1974	*****	*****	0.23	0.35	0.55	0.90	1.06	1.87	2.10	2.50	16.33
1975	*****	*****	0.91	1.38	1.52	1.65	2.23	3.80	5.14	5.41	19.31

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T14 1167 40	BUELLTON E S	360		06N	32W		S	34.617	120.200	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.26	0.42	0.58	0.85	1.11	1.70	2.16	2.48	14.47
5	0.0	0.0	0.39	0.63	0.87	1.27	1.65	2.54	3.22	3.70	21.01
10	0.0	0.0	0.47	0.77	1.06	1.55	2.01	3.10	3.93	4.51	25.30
20	0.0	0.0	0.56	0.90	1.23	1.81	2.36	3.62	4.59	5.28	29.32
25	0.0	0.0	0.58	0.94	1.29	1.89	2.46	3.79	4.80	5.52	30.57
40	0.0	0.0	0.63	1.02	1.41	2.06	2.69	4.13	5.24	6.02	33.16
50	0.0	0.0	0.66	1.06	1.46	2.14	2.79	4.29	5.44	6.25	34.37
100	0.0	0.0	0.73	1.18	1.63	2.39	3.11	4.78	6.06	6.97	38.06
200	0.0	0.0	0.81	1.30	1.79	2.63	3.42	5.26	6.67	7.67	41.66
1000	0.0	0.0	0.97	1.57	2.16	3.17	4.13	6.35	8.05	9.25	49.80
10000	0.0	0.0	1.20	1.94	2.68	3.93	5.11	7.86	9.97	11.46	61.07
PMP	0.0	0.0	2.36	3.80	5.24	7.69	10.00	15.38	19.50	22.42	121.63
MEAN	0.0	0.0	0.290	0.468	0.645	0.946	1.231	1.893	2.400	2.759	15.847
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	2.563	2.128	1.762	0.936	0.886	0.927	1.240	1.020	0.799
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.435 ; INTERCEPT (TIME=1 HOUR) =0.654 ; COEFFICIENT OF DETERMINATION = 0.994
1HR INTERCEPT / MEAN YR =0.04129 ; AVERAGE CALC CV / USED CV = 1.23

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	10.583	8.761	7.087	4.048	3.972	5.326	5.934	4.813	4.564
N	0	0	10	10	10	10	10	10	10	10	10
RECORD YEAR	0	0	1975	1975	1975	1975	1975	1975	1975	1975	1969
RECORD MAXIMUM	0.0	0.0	0.910	1.380	1.520	1.650	2.230	3.800	5.140	5.410	30.120
NORMILIZED MAX	0.0	0.0	2.693	2.559	2.407	1.914	1.972	2.169	2.264	2.129	2.075
CALC. COEF. VAR	0.0	0.0	0.794	0.761	0.564	0.389	0.412	0.464	0.504	0.451	0.434
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0	0.0	0.0183	0.0295	0.0407	0.0597	0.0777	0.1195	0.1514	0.1741	1.0000
RP10/A	0.0	0.0	0.0299	0.0483	0.0666	0.0977	0.1271	0.1954	0.2478	0.2848	1.5965
RP25/A	0.0	0.0	0.0366	0.0591	0.0815	0.1195	0.1555	0.2391	0.3031	0.3484	1.9290
RP50/A	0.0	0.0	0.0415	0.0669	0.0923	0.1353	0.1761	0.2708	0.3433	0.3946	2.1687
RP100/A	0.0	0.0	0.0462	0.0746	0.1028	0.1507	0.1962	0.3017	0.3824	0.4396	2.4015
RP1000/A	0.0	0.0	0.0614	0.0990	0.1365	0.2002	0.2605	0.4006	0.5079	0.5839	3.1426
RP10000/A	0.0	0.0	0.0760	0.1227	0.1691	0.2480	0.3227	0.4962	0.6291	0.7232	3.8536
PMP/A	0.0	0.0	0.1487	0.2400	0.3307	0.4850	0.6312	0.9706	1.2305	1.4146	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG LOT BHM	LATITUDE	LONGITUDE	COUNTY
T14 1253 0	CACHUMA DAM	780	29	06N	29W S	34.583	119.983	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1957	0.11	0.16	0.18	0.30	0.55	0.99	1.42	2.43	3.28	3.69	19.56
1958	0.20	0.35	0.53	0.72	0.95	1.29	1.78	2.42	2.96	3.18	28.28
1959	0.21	0.32	0.37	0.52	0.98	1.78	2.46	3.98	4.66	4.71	15.33
1960	0.17	0.24	0.30	0.41	0.62	0.96	1.28	1.65	2.28	2.60	15.52
1961	0.08	0.15	0.23	0.34	0.59	0.90	1.10	1.89	2.50	2.85	11.20
1962	0.15	0.20	0.30	0.49	0.80	1.51	1.91	2.25	2.94	3.65	17.49
1963	0.16	0.26	0.37	0.54	0.76	1.24	1.59	2.67	3.45	4.47	19.27
1964	0.15	0.20	0.25	0.34	0.49	0.95	1.16	1.27	1.35	1.95	13.01
1965	0.15	0.25	0.30	0.45	0.82	1.34	1.78	2.80	3.15	4.32	23.20
1966	0.10	0.16	0.25	0.45	0.59	0.83	1.13	1.69	2.03	2.90	10.16
1967	0.08	0.15	0.22	0.37	0.62	0.87	1.11	1.90	2.81	2.94	20.30
1968	0.09	0.10	0.12	0.23	0.46	0.78	0.82	0.85	0.99	1.37	8.86
1969	0.16	0.21	0.32	0.52	0.85	1.34	1.85	3.20	4.55	4.95	36.59
1970	0.11	0.20	0.29	0.36	0.67	1.21	1.42	1.97	2.71	3.46	20.99
1971	0.13	0.17	0.29	0.48	0.66	0.98	1.26	2.41	3.88	3.98	12.31
1972	0.12	0.18	0.23	0.30	0.55	0.94	1.34	1.94	2.10	2.81	7.31
1973	*****	*****	*****	*****	0.90	1.65	2.28	3.12	3.85	4.06	26.47
1974	*****	*****	*****	*****	1.13	1.87	2.65	4.36	6.37	6.85	21.22

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG LOT BHM	LATITUDE	LONGITUDE	COUNTY
T14 1253 0	CACHUMA DAM	780	29	06N	29W S	34.583	119.983	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS,H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.19	0.26	0.38	0.65	1.07	1.42	2.14	2.79	3.24	16.59
5	0.18	0.28	0.38	0.57	0.97	1.60	2.11	3.19	4.16	4.83	24.09
10	0.22	0.34	0.47	0.70	1.18	1.95	2.58	3.89	5.08	5.88	29.01
20	0.26	0.39	0.54	0.82	1.38	2.28	3.01	4.55	5.94	6.88	33.61
25	0.27	0.41	0.57	0.85	1.44	2.38	3.15	4.76	6.21	7.20	35.05
40	0.30	0.45	0.62	0.93	1.57	2.60	3.44	5.19	6.77	7.85	38.02
50	0.31	0.47	0.64	0.97	1.64	2.70	3.57	5.39	7.03	8.15	39.41
100	0.34	0.52	0.72	1.08	1.82	3.01	3.98	6.00	7.84	9.08	43.64
200	0.38	0.57	0.79	1.18	2.01	3.31	4.38	6.61	8.62	9.99	47.77
1000	0.45	0.69	0.95	1.43	2.42	3.99	5.28	7.97	10.41	12.06	57.10
10000	0.56	0.86	1.18	1.77	3.00	4.95	6.54	9.88	12.89	14.94	70.02
PMP	1.10	1.68	2.31	3.46	5.86	9.67	12.79	19.32	25.21	29.22	139.46
MEAN	0.136	0.206	0.284	0.426	0.722	1.191	1.574	2.378	3.103	3.597	18.171
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.283	0.801	0.962	0.677	0.598	0.735	0.756	0.658	0.791	0.738	0.743
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.311 ; INTERCEPT (TIME=1 HOUR) =0.726 ; COEFFICIENT OF DETERMINATION = 0.994
1HR INTERCEPT / MEAN YR =0.03997 ; AVERAGE CALC CV / USED CV = 0.63

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	2.833	4.001	6.026	4.407	3.026	2.894	3.271	3.895	4.759	5.054	4.056
N	16	16	16	16	18	18	18	18	18	18	18
RECORD YEAR	1959	1958	1958	1958	1974	1974	1974	1974	1974	1974	1969
RECORD MAXIMUM	0.210	0.350	0.530	0.720	1.130	1.870	2.650	4.360	6.370	6.850	36.590
NORMILIZED MAX	1.867	2.208	2.665	2.437	2.184	2.020	2.119	2.233	2.567	2.617	2.458
CALC. COEF. VAR	0.294	0.316	0.324	0.283	0.259	0.283	0.322	0.373	0.410	0.346	0.412
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0075	0.0114	0.0157	0.0235	0.0397	0.0655	0.0866	0.1309	0.1708	0.1979	1.0000
RP10/A	0.0122	0.0186	0.0256	0.0384	0.0650	0.1072	0.1418	0.2141	0.2794	0.3238	1.5965
RP25/A	0.0149	0.0227	0.0313	0.0469	0.0795	0.1311	0.1734	0.2619	0.3418	0.3962	1.9290
RP50/A	0.0169	0.0257	0.0355	0.0532	0.0900	0.1485	0.1964	0.2966	0.3871	0.4487	2.1687
RP100/A	0.0188	0.0287	0.0395	0.0592	0.1003	0.1655	0.2188	0.3304	0.4313	0.4998	2.4015
RP1000/A	0.0250	0.0381	0.0525	0.0787	0.1332	0.2197	0.2906	0.4389	0.5728	0.6639	3.1426
RP10000/A	0.0310	0.0472	0.0650	0.0974	0.1650	0.2722	0.3599	0.5436	0.7094	0.8222	3.8536
PMP/A	0.0606	0.0922	0.1272	0.1906	0.3227	0.5324	0.7040	1.0632	1.3877	1.6083	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T14 3048 0	FIGUEROA MTN	3200	26	08N	30W	0	S	34.736	120.006	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.08	0.13	0.17	0.25	0.45	0.84	1.16	2.07	2.37	2.51	******
1941	0.31	0.46	0.66	1.11	2.05	2.33	2.49	2.77	3.12	3.30	47.82
1942	0.13	0.18	0.22	0.27	0.40	0.67	0.79	1.12	1.91	2.40	16.12
1943	0.13	0.23	0.27	0.42	0.83	1.47	1.82	2.76	4.20	5.29	28.15
1944	0.11	0.20	0.24	0.28	0.30	0.53	0.71	1.08	1.28	1.66	******
1945	0.17	0.30	0.42	0.58	0.77	0.94	1.12	1.81	3.02	3.47	******
1946	0.10	0.14	0.19	0.30	0.58	0.90	1.25	2.00	3.04	3.18	26.79
1947	0.08	0.14	0.17	0.24	0.28	0.37	0.43	0.54	0.69	0.81	5.20
1948	0.17	0.22	0.25	0.37	0.51	0.68	0.77	0.86	0.86	1.27	******
1949	0.08	0.14	0.18	0.30	0.53	0.90	1.17	1.85	2.55	2.92	18.59
1950	0.15	0.23	0.30	0.47	0.67	0.87	1.01	1.11	1.19	1.27	14.55
1951	0.13	0.20	0.24	0.30	0.40	0.63	0.80	1.17	1.50	2.80	16.31
1952	0.04	0.07	0.12	0.23	0.43	0.78	1.15	1.97	2.93	3.47	30.85
1953	0.14	0.25	0.35	0.53	0.88	1.25	1.48	2.21	2.34	2.35	8.31
1954	0.08	0.14	0.20	0.30	0.39	0.63	0.80	1.50	2.70	2.84	20.76
1955	*****	*****	0.30	0.45	0.57	0.91	1.16	1.76	2.35	2.88	20.86
1956	*****	*****	0.14	0.15	0.31	0.57	0.81	0.81	2.13	3.04	12.67
1957	*****	*****	0.25	0.43	0.68	1.15	1.30	1.69	1.76	2.70	22.19
1958	*****	*****	0.28	0.50	0.82	1.17	1.51	2.06	2.91	3.32	31.98
1959	*****	*****	0.30	0.47	0.75	0.98	1.35	2.26	3.23	4.12	14.00
1960	*****	*****	0.40	0.48	0.81	1.15	1.50	1.69	2.04	2.40	21.28
1961	*****	*****	0.30	0.56	0.84	1.06	1.15	1.55	2.05	2.40	9.96
1962	*****	*****	0.10	0.18	0.32	0.52	0.68	1.22	1.44	1.62	******
1963	*****	*****	0.14	0.20	0.37	0.56	0.73	0.92	1.01	1.01	******
1964	*****	*****	0.28	0.50	0.64	0.71	0.78	1.18	1.64	2.12	16.64
1965	*****	*****	0.12	0.22	0.37	0.54	0.76	1.13	1.35	1.44	24.07
1966	*****	*****	*****	*****	0.60	1.00	1.30	2.10	2.60	3.20	16.50
1967	*****	*****	*****	*****	0.50	0.80	1.10	1.80	2.50	2.90	24.80
1968	*****	*****	*****	*****	0.60	0.80	0.90	1.10	2.10	2.80	16.20
1969	*****	*****	*****	*****	1.30	1.60	0.80	2.40	3.20	3.70	36.40
1970	*****	*****	*****	*****	0.60	1.00	1.30	1.90	2.40	3.60	29.70
1971	*****	*****	*****	*****	0.30	0.50	0.70	1.30	1.60	2.00	14.40
1972	*****	*****	*****	*****	0.50	0.70	0.90	1.20	1.20	1.30	9.60
1973	*****	*****	*****	*****	1.00	1.50	1.70	2.20	2.50	2.90	27.90
1974	*****	*****	0.50	0.70	0.90	1.70	2.00	2.90	3.70	3.90	21.00

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T14 3048 0	FIGUEROA MTN	3200	26	08N	30W	0	S	34.736	120.006	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.11	0.18	0.24	0.37	0.57	0.84	1.01	1.49	2.00	2.39	19.01
5	0.17	0.27	0.35	0.55	0.85	1.25	1.51	2.22	2.98	3.56	27.60
10	0.21	0.33	0.43	0.67	1.04	1.53	1.84	2.71	3.63	4.35	33.23
20	0.24	0.39	0.50	0.78	1.22	1.79	2.15	3.17	4.25	5.08	38.50
25	0.25	0.40	0.53	0.82	1.27	1.87	2.25	3.32	4.44	5.32	40.15
40	0.28	0.44	0.57	0.89	1.38	2.04	2.46	3.62	4.84	5.80	43.55
50	0.29	0.46	0.60	0.93	1.44	2.12	2.55	3.76	5.03	6.02	45.14
100	0.32	0.51	0.66	1.03	1.61	2.36	2.84	4.18	5.61	6.71	49.98
200	0.35	0.56	0.73	1.14	1.77	2.60	3.13	4.60	6.17	7.38	54.72
1000	0.42	0.68	0.88	1.37	2.13	3.13	3.77	5.56	7.45	8.91	65.41
10000	0.53	0.84	1.09	1.70	2.64	3.88	4.67	6.88	9.22	11.03	80.21
PMP	1.03	1.64	2.13	3.32	5.17	7.59	9.14	13.46	18.04	21.58	159.75
MEAN	0.127	0.202	0.263	0.409	0.636	0.935	1.125	1.657	2.220	2.656	20.814
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.744	1.543	1.427	1.645	2.362	1.469	1.175	0.257	0.156	0.150	0.847
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.386 ; INTERCEPT (TIME=1 HOUR) =0.607 ; COEFFICIENT OF DETERMINATION = 0.995
IHP INTERCEPT / MEAN YR =0.02915 ; AVERAGE CALC CV / USED CV = 0.98

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	8.000	7.033	6.033	7.429	11.162	5.998	5.005	2.583	2.774	3.506	4.449
N	15	15	27	27	35	35	35	35	35	35	29
RECORD YEAR	1941	1941	1941	1941	1941	1941	1941	1974	1943	1943	1941
RECORD MAXIMUM	0.310	0.460	0.660	1.110	2.050	2.330	2.490	2.900	4.200	5.290	47.820
NORMILIZED MAX	2.416	2.800	3.183	3.476	4.174	3.429	3.188	2.085	2.365	2.700	2.925
CALC. COEF. VAR	0.496	0.456	0.475	0.494	0.533	0.435	0.381	0.360	0.377	0.367	0.444
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0061	0.0097	0.0126	0.0196	0.0305	0.0449	0.0541	0.0796	0.1067	0.1276	1.0000
RP10/A	0.0100	0.0159	0.0206	0.0321	0.0500	0.0735	0.0884	0.1303	0.1745	0.2088	1.5965
RP25/A	0.0122	0.0194	0.0253	0.0393	0.0611	0.0899	0.1082	0.1593	0.2135	0.2554	1.9290
RP50/A	0.0138	0.0220	0.0286	0.0445	0.0692	0.1018	0.1225	0.1805	0.2418	0.2892	2.1687
RP100/A	0.0154	0.0245	0.0319	0.0496	0.0771	0.1134	0.1365	0.2011	0.2694	0.3222	2.4015
RP1000/A	0.0204	0.0325	0.0423	0.0658	0.1024	0.1506	0.1813	0.2670	0.3578	0.4280	3.1426
RP10000/A	0.0253	0.0403	0.0524	0.0815	0.1269	0.1865	0.2245	0.3307	0.4431	0.5301	3.8536
PMP/A	0.0494	0.0789	0.1025	0.1595	0.2482	0.3648	0.4392	0.6469	0.8667	1.0368	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
T14 4422 0	JUNCAL DAM 232	2420	2R	05N	25W		S	34.490	119.476	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1967	0.21	0.41	0.62	0.87	1.21	1.87	2.47	4.19	5.99	7.04	49.06
1968	0.15	0.29	0.30	0.51	0.91	1.47	1.61	1.88	3.22	3.92	19.07
1969	0.25	0.40	0.51	0.95	1.61	3.09	4.37	7.86	10.12	11.04	80.10
1970	0.48	0.61	0.67	1.03	1.31	1.45	1.96	2.99	4.17	4.73	19.80
1971	0.27	0.32	0.40	0.79	1.19	2.07	3.13	5.64	7.74	8.34	28.99
1972	0.14	0.21	0.29	0.51	0.78	1.39	1.76	2.91	3.54	3.45	16.14
1973	0.30	0.52	0.61	0.81	1.16	2.29	2.92	4.05	4.82	7.60	42.69
1974	0.10	0.15	0.21	0.40	0.70	1.28	1.76	2.35	3.41	4.85	25.95
1975	0.26	0.39	0.50	0.63	1.16	2.16	2.74	5.26	7.47	7.82	29.55

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
T14 4422 0	JUNCAL DAM 232	2420	2R	05N	25W		S	34.490	119.476	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.22	0.33	0.41	0.65	1.00	1.71	2.28	3.71	5.05	5.88	31.57
5	0.32	0.49	0.61	0.97	1.50	2.54	3.39	5.53	7.52	8.76	45.84
10	0.39	0.60	0.75	1.18	1.82	3.10	4.14	6.75	9.18	10.69	55.19
20	0.46	0.70	0.87	1.38	2.13	3.63	4.84	7.90	10.74	12.50	63.96
25	0.48	0.73	0.91	1.45	2.23	3.80	5.06	8.26	11.23	13.07	66.69
40	0.52	0.80	1.00	1.58	2.43	4.14	5.52	9.00	12.24	14.25	72.34
50	0.54	0.83	1.04	1.64	2.53	4.30	5.73	9.35	12.71	14.81	74.98
100	0.61	0.93	1.15	1.82	2.81	4.79	6.38	10.42	14.16	16.50	83.03
200	0.67	1.02	1.27	2.01	3.10	5.27	7.02	11.46	15.59	18.15	90.89
1000	0.80	1.23	1.53	2.42	3.74	6.36	8.48	13.84	18.81	21.91	108.65
10000	1.00	1.52	1.90	3.00	4.63	7.88	10.50	17.14	23.30	27.13	133.23
PMP	1.95	2.98	3.71	5.87	9.05	15.41	20.54	33.52	45.57	53.07	265.34
MEAN	0.240	0.367	0.457	0.722	1.114	1.897	2.528	4.126	5.609	6.532	34.572
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.082	0.193	-0.208	-0.125	0.099	1.028	1.099	0.880	0.832	0.458	1.626
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.342 ; INTERCEPT (TIME=1 HOUR) =1.176 ; COEFFICIENT OF DETERMINATION = 0.992
1HR INTERCEPT / MEAN YR =0.03403 ; AVERAGE CALC CV / USED CV = 0.73

KURTOSIS	5.848	3.878	2.768	2.851	4.130	4.964	5.175	4.571	3.831	3.740	6.580
N	9	9	9	9	9	9	9	9	9	9	9
RECORD YEAR	1970	1970	1970	1970	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	0.480	0.610	0.670	1.030	1.610	3.090	4.370	7.860	10.120	11.040	80.100
NORMILIZED MAX	2.134	1.690	1.786	1.406	1.768	2.055	2.083	1.979	1.881	1.821	2.250
CALC. COEF. VAR	0.469	0.393	0.360	0.303	0.251	0.304	0.350	0.457	0.428	0.379	0.585
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0069	0.0106	0.0132	0.0209	0.0322	0.0549	0.0731	0.1193	0.1622	0.1889	1.0000
RP10/A	0.0114	0.0174	0.0216	0.0342	0.0527	0.0898	0.1196	0.1952	0.2654	0.3091	1.5965
RP25/A	0.0139	0.0212	0.0264	0.0418	0.0645	0.1098	0.1463	0.2388	0.3247	0.3782	1.9290
RP50/A	0.0157	0.0240	0.0299	0.0474	0.0731	0.1243	0.1657	0.2705	0.3677	0.4283	2.1687
RP100/A	0.0175	0.0268	0.0334	0.0528	0.0814	0.1385	0.1846	0.3013	0.4097	0.4771	2.4015
RP1000/A	0.0233	0.0356	0.0443	0.0701	0.1081	0.1840	0.2452	0.4002	0.5441	0.6337	3.1426
RP10000/A	0.0288	0.0441	0.0549	0.0868	0.1339	0.2279	0.3037	0.4957	0.6739	0.7849	3.8536
PMP/A	0.0564	0.0862	0.1073	0.1697	0.2619	0.4457	0.5941	0.9696	1.3182	1.5352	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T14 5064 60	LOMPOC 4 NE	320						34.617	120.467	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1965	0.15	0.21	0.28	0.48	0.73	0.97	1.17	1.62	1.68	1.78	15.11
1966	*****	*****	0.36	0.68	0.87	0.96	1.07	1.42	1.48	1.48	9.43
1967	*****	*****	0.25	0.35	0.41	0.45	0.56	0.95	1.38	1.46	12.15
1968	*****	*****	0.17	0.32	0.39	0.60	0.71	0.77	0.82	1.07	8.50
1969	*****	*****	0.30	0.42	0.62	0.68	0.82	1.02	1.39	1.86	22.59
1970	*****	*****	0.19	0.30	0.42	0.73	0.89	1.28	1.49	1.62	9.47
1971	*****	*****	0.14	0.24	0.35	0.52	0.54	0.66	0.95	1.20	9.54
1972	*****	*****	0.30	0.44	0.58	0.83	0.99	1.47	1.62	1.62	5.39
1973	*****	*****	0.20	0.30	0.57	0.99	1.30	2.30	3.01	3.30	18.61
1974	*****	*****	0.27	0.34	0.47	0.69	0.87	1.10	1.14	1.64	14.54
1975	*****	*****	0.31	0.44	0.82	1.32	1.50	2.66	3.15	3.28	13.62

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T14 5064 60	LOMPOC 4 NE	320						34.617	120.467	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.23	0.35	0.51	0.72	0.85	1.25	1.48	1.66	11.53
5	0.0	0.0	0.34	0.53	0.76	1.07	1.27	1.86	2.21	2.48	16.75
10	0.0	0.0	0.41	0.64	0.93	1.30	1.55	2.27	2.69	3.02	20.17
20	0.0	0.0	0.48	0.75	1.08	1.52	1.81	2.65	3.15	3.53	23.37
25	0.0	0.0	0.50	0.78	1.13	1.59	1.90	2.77	3.30	3.70	24.37
40	0.0	0.0	0.55	0.85	1.24	1.73	2.07	3.03	3.59	4.03	26.43
50	0.0	0.0	0.57	0.89	1.28	1.80	2.15	3.14	3.73	4.18	27.39
100	0.0	0.0	0.64	0.99	1.43	2.01	2.39	3.50	4.16	4.66	30.34
200	0.0	0.0	0.70	1.09	1.57	2.21	2.63	3.85	4.58	5.13	33.21
1000	0.0	0.0	0.84	1.31	1.90	2.66	3.18	4.65	5.52	6.19	39.70
10000	0.0	0.0	1.05	1.63	2.35	3.30	3.93	5.76	6.84	7.67	48.68
PMP	0.0	0.0	2.05	3.18	4.60	6.46	7.70	11.26	13.38	15.00	96.95
MEAN	0.0	0.0	0.252	0.392	0.566	0.795	0.947	1.386	1.646	1.846	12.632
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	-0.233	1.336	0.543	0.694	0.384	1.060	1.367	1.491	0.684
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.470 ; INTERCEPT (TIME=1 HOUR) =0.547 ; COEFFICIENT OF DETERMINATION = 0.994
1HR INTERCEPT / MEAN YR =0.04331 ; AVERAGE CALC CV / USED CV = 0.64

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	2.968	6.074	2.909	4.220	3.469	4.337	4.776	4.931	4.053
N	1	1	11	11	11	11	11	11	11	11	11
RECORD YEAR	0	0	1966	1966	1966	1975	1975	1975	1975	1973	1969
RECORD MAXIMUM	0.0	0.0	0.360	0.680	0.870	1.320	1.500	2.660	3.150	3.300	22.590
NORMILIZED MAX	0.0	0.0	1.585	2.387	1.699	2.087	1.849	2.054	1.985	1.939	2.011
CALC. COEF. VAR	0.0	0.0	0.271	0.308	0.316	0.317	0.316	0.447	0.460	0.406	0.392
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0	0.0	0.0199	0.0310	0.0448	0.0629	0.0750	0.1098	0.1303	0.1462	1.0000
RP10/A	0.0	0.0	0.0326	0.0507	0.0734	0.1029	0.1227	0.1796	0.2132	0.2391	1.5965
RP25/A	0.0	0.0	0.0399	0.0621	0.0897	0.1259	0.1501	0.2197	0.2609	0.2925	1.9290
RP50/A	0.0	0.0	0.0452	0.0703	0.1016	0.1426	0.1700	0.2488	0.2954	0.3313	2.1687
RP100/A	0.0	0.0	0.0503	0.0783	0.1132	0.1588	0.1894	0.2771	0.3291	0.3691	2.4015
RP1000/A	0.0	0.0	0.0669	0.1040	0.1504	0.2110	0.2515	0.3681	0.4371	0.4902	3.1426
RP10000/A	0.0	0.0	0.0828	0.1289	0.1862	0.2613	0.3115	0.4559	0.5414	0.6072	3.8536
PMP/A	0.0	0.0	0.1620	0.2520	0.3643	0.5111	0.6093	0.8917	1.0590	1.1876	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T14 5122 60	LAS FLORES RANCH 201	650		09N	33W		S	37.783	120.333	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
1963	*****	*****	*****	*****	0.40	0.61	0.80	1.00	1.10	1.43	9.91
1964	*****	*****	*****	*****	0.16	0.30	0.45	0.73	0.90	1.14	8.99
1965	*****	*****	*****	*****	0.59	0.76	0.99	1.36	1.43	1.84	13.47
1966	*****	*****	*****	*****	0.73	0.82	1.00	1.47	1.91	1.93	10.26
1967	*****	*****	*****	*****	0.35	0.67	0.89	1.22	1.80	1.92	17.75
1968	*****	*****	*****	*****	0.50	0.75	0.85	0.92	0.92	1.23	7.83
1969	*****	*****	*****	0.38	0.49	0.73	0.78	1.05	1.60	1.98	25.59
1970	*****	*****	*****	0.33	0.44	0.50	0.59	1.00	1.38	1.85	9.71
1971	*****	*****	*****	0.33	0.50	0.71	0.85	1.46	1.67	2.00	10.27
1972	*****	*****	*****	0.33	0.51	0.91	1.10	1.51	1.60	1.61	5.32
1973	*****	*****	*****	0.81	1.12	1.30	1.50	1.64	1.79	2.19	20.01

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T14 5122 60	LAS FLORES RANCH 201	650		09N	33W		S	37.783	120.333	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
2	0.0	0.0	0.0	0.39	0.47	0.66	0.80	1.09	1.32	1.56	11.55
5	0.0	0.0	0.0	0.58	0.71	0.98	1.20	1.63	1.96	2.33	16.77
10	0.0	0.0	0.0	0.71	0.86	1.20	1.46	1.99	2.39	2.84	20.19
20	0.0	0.0	0.0	0.83	1.01	1.40	1.71	2.32	2.80	3.33	23.39
25	0.0	0.0	0.0	0.87	1.05	1.47	1.78	2.43	2.93	3.48	24.39
40	0.0	0.0	0.0	0.95	1.15	1.60	1.94	2.65	3.19	3.79	26.46
50	0.0	0.0	0.0	0.99	1.19	1.66	2.02	2.75	3.32	3.94	27.43
100	0.0	0.0	0.0	1.10	1.33	1.85	2.25	3.07	3.70	4.39	30.37
200	0.0	0.0	0.0	1.21	1.46	2.04	2.48	3.38	4.07	4.83	33.25
1000	0.0	0.0	0.0	1.46	1.77	2.46	2.99	4.07	4.91	5.83	39.74
10000	0.0	0.0	0.0	1.81	2.19	3.04	3.70	5.05	6.08	7.22	48.73
PMP	0.0	0.0	0.0	3.54	4.28	5.95	7.24	9.87	11.89	14.12	97.06
MEAN	0.0	0.0	0.0	0.436	0.526	0.733	0.891	1.215	1.464	1.738	12.646
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	2.179	1.370	0.732	0.734	-0.128	-0.587	-0.741	1.144
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.596 ; INTERCEPT (TIME=1 HOUR) =0.557 ; COEFFICIENT OF DETERMINATION = 0.992
1HR INTERCEPT / MEAN YR =0.04403 ; AVERAGE CALC CV / USED CV = 0.84

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
KURTOSIS	0.0	0.0	0.0	10.649	7.019	6.188	5.627	2.670	2.917	3.252	4.447
N	0	0	0	5	11	11	11	11	11	11	11
RECORD YEAR	0	0	0	1973	1973	1973	1973	1973	1966	1973	1969
RECORD MAXIMUM	0.0	0.0	0.0	0.810	1.120	1.300	1.500	1.640	1.910	2.190	25.590
NORMILIZED MAX	0.0	0.0	0.0	1.779	2.445	2.273	2.231	1.454	1.261	1.332	2.139
CALC. COEF. VAR	0.0	0.0	0.0	0.482	0.461	0.341	0.306	0.241	0.242	0.195	0.479
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0	0.0	0.0	0.0345	0.0416	0.0579	0.0704	0.0960	0.1157	0.1374	1.0000
RP10/A	0.0	0.0	0.0	0.0564	0.0681	0.0948	0.1153	0.1571	0.1893	0.2249	1.5965
RP25/A	0.0	0.0	0.0	0.0690	0.0833	0.1160	0.1410	0.1922	0.2316	0.2751	1.9290
RP50/A	0.0	0.0	0.0	0.0781	0.0943	0.1313	0.1597	0.2177	0.2623	0.3115	2.1687
RP100/A	0.0	0.0	0.0	0.0871	0.1051	0.1463	0.1779	0.2425	0.2923	0.3471	2.4015
RP1000/A	0.0	0.0	0.0	0.1156	0.1396	0.1943	0.2363	0.3221	0.3882	0.4610	3.1426
RP10000/A	0.0	0.0	0.0	0.1432	0.1729	0.2407	0.2926	0.3989	0.4808	0.5709	3.8536
PMP/A	0.0	0.0	0.0	0.2801	0.3382	0.4708	0.5724	0.7803	0.9404	1.1167	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T14 5612 20	MIGUELITO SPRINGS	1080						34.583	120.500	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
	DURATION										
1968	0.14	0.25	0.33	0.36	0.44	0.75	0.81	1.02	1.18	1.37	12.53
1969	0.21	0.36	0.43	0.55	0.81	1.13	1.39	1.97	2.58	2.63	35.38
1970	0.10	0.14	0.15	0.27	0.46	0.66	0.78	0.89	1.17	1.73	14.24
1971	0.15	0.26	0.37	0.62	0.81	0.92	1.22	1.83	2.18	2.45	17.42
1972	0.36	0.52	0.64	0.87	1.21	1.62	1.98	2.55	2.80	2.80	10.97
1973	0.14	0.23	0.30	0.47	0.76	1.18	1.52	2.22	2.84	3.24	34.12
1974	0.18	0.28	0.35	0.52	0.74	1.14	1.43	1.93	2.15	3.42	24.00
1975	0.32	0.54	0.70	0.93	1.44	1.88	2.35	3.91	5.30	6.12	26.65

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T14 5612 20	MIGUELITO SPRINGS	1080						34.583	120.500	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.18	0.29	0.37	0.52	0.75	1.04	1.29	1.84	2.27	2.67	20.01
5	0.27	0.43	0.55	0.77	1.12	1.56	1.93	2.74	3.39	3.98	29.05
10	0.33	0.53	0.67	0.94	1.36	1.90	2.35	3.34	4.13	4.86	34.98
20	0.38	0.62	0.78	1.10	1.60	2.22	2.75	3.91	4.83	5.69	40.53
25	0.40	0.65	0.82	1.15	1.67	2.32	2.87	4.08	5.05	5.94	42.26
40	0.44	0.70	0.89	1.25	1.82	2.53	3.13	4.45	5.51	6.48	45.84
50	0.45	0.73	0.93	1.30	1.89	2.63	3.25	4.62	5.72	6.73	47.52
100	0.51	0.81	1.03	1.45	2.11	2.93	3.62	5.15	6.38	7.50	52.62
200	0.56	0.90	1.14	1.59	2.32	3.22	3.99	5.67	7.02	8.25	57.60
1000	0.67	1.08	1.37	1.92	2.80	3.89	4.81	6.84	8.47	9.96	68.86
10000	0.83	1.34	1.70	2.38	3.46	4.82	5.96	8.47	10.49	12.34	84.43
PMP	1.62	2.62	3.32	4.66	6.77	9.42	11.66	16.57	20.52	24.13	168.16
MEAN	0.200	0.322	0.409	0.574	0.834	1.160	1.435	2.040	2.525	2.970	21.910
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.017	0.701	0.572	0.507	0.769	0.699	0.687	0.930	1.431	1.574	0.365
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.463 ; INTERCEPT (TIME=1 HOUR) =0.817 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.03729 ; AVERAGE CALC CV / USED CV = 0.87

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	4.100	3.772	4.206	3.788	4.423	4.175	4.172	5.853	7.098	7.419	2.935
N	8	8	8	8	8	8	8	8	8	8	8
RECORD YEAR	1972	1975	1975	1975	1975	1975	1975	1975	1975	1975	1969
RECORD MAXIMUM	0.360	0.540	0.700	0.930	1.440	1.880	2.350	3.910	5.300	6.120	35.350
NORMILIZED MAX	1.725	1.635	1.611	1.552	1.772	1.734	1.708	1.985	2.139	2.173	1.402
CALC. COEF. VAR	0.464	0.439	0.442	0.400	0.410	0.358	0.373	0.462	0.514	0.488	0.438
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0091	0.0147	0.0187	0.0262	0.0381	0.0529	0.0655	0.0931	0.1152	0.1356	1.0000
RP10/A	0.0149	0.0241	0.0305	0.0428	0.0623	0.0866	0.1072	0.1523	0.1885	0.2218	1.5965
RP25/A	0.0183	0.0295	0.0373	0.0524	0.0762	0.1060	0.1311	0.1863	0.2307	0.2713	1.9290
RP50/A	0.0207	0.0334	0.0423	0.0594	0.0863	0.1200	0.1485	0.2110	0.2612	0.3073	2.1687
RP100/A	0.0231	0.0372	0.0471	0.0661	0.0961	0.1337	0.1654	0.2351	0.2910	0.3423	2.4015
RP1000/A	0.0306	0.0494	0.0626	0.0878	0.1276	0.1776	0.2197	0.3123	0.3865	0.4546	3.1426
RP10000/A	0.0379	0.0611	0.0775	0.1088	0.1581	0.2199	0.2721	0.3868	0.4787	0.5631	3.8536
PMP/A	0.0742	0.1196	0.1516	0.2128	0.3092	0.4302	0.5321	0.7565	0.9364	1.1014	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T14 6211 51	NOJOQUI CO PARK	680						34.533	120.175	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1966	*****	*****	0.50	0.94	1.47	2.47	3.70	5.41	6.21	8.06	29.28
1967	*****	*****	0.34	0.47	0.94	1.83	2.49	4.00	5.53	5.81	33.20
1968	*****	*****	0.26	0.44	0.77	1.15	1.36	1.50	1.62	1.74	14.12
1969	*****	*****	0.42	0.79	1.02	1.30	1.83	2.95	4.67	5.55	42.41
1970	*****	*****	0.19	0.37	0.50	0.76	1.06	1.86	2.70	2.75	12.18
1971	*****	*****	0.33	0.35	0.65	1.20	1.36	1.80	2.33	3.50	19.50
1972	*****	*****	0.24	0.48	0.72	1.13	1.63	2.71	3.20	4.47	13.08
1973	*****	*****	0.49	0.75	1.15	2.25	2.97	4.37	5.52	5.90	43.89
1974	*****	*****	0.27	0.49	0.90	1.60	2.23	3.18	3.22	5.45	22.38
1975	*****	*****	0.45	0.69	1.26	2.46	3.67	6.16	9.45	10.47	35.69

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T14 6211 51	NOJOQUI CO PARK	680						34.533	120.175	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.31	0.52	0.84	1.45	2.01	3.05	4.00	4.83	24.27
5	0.0	0.0	0.47	0.77	1.26	2.17	2.99	4.55	5.96	7.20	35.24
10	0.0	0.0	0.57	0.94	1.53	2.64	3.65	5.55	7.27	8.78	42.42
20	0.0	0.0	0.67	1.10	1.80	3.09	4.27	6.49	8.51	10.27	49.16
25	0.0	0.0	0.70	1.15	1.88	3.23	4.46	6.79	8.90	10.74	51.26
40	0.0	0.0	0.76	1.26	2.05	3.52	4.87	7.40	9.70	11.71	55.60
50	0.0	0.0	0.79	1.31	2.13	3.66	5.05	7.69	10.08	12.16	57.63
100	0.0	0.0	0.88	1.46	2.37	4.08	5.63	8.57	11.22	13.55	63.81
200	0.0	0.0	0.97	1.60	2.61	4.49	6.20	9.43	12.35	14.91	69.86
1000	0.0	0.0	1.17	1.94	3.15	5.42	7.48	11.38	14.91	17.99	83.51
10000	0.0	0.0	1.45	2.40	3.90	6.71	9.26	14.09	18.46	22.29	102.40
PMP	0.0	0.0	2.84	4.69	7.62	13.12	18.12	27.56	36.12	43.59	203.95
MEAN	0.0	0.0	0.349	0.577	0.938	1.615	2.230	3.392	4.445	5.365	26.573
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.115	0.659	0.379	0.338	0.536	0.557	1.006	0.654	0.196
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.256 ; INTERCEPT (TIME=1 HOUR) =0.966 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.03637 ; AVERAGE CALC CV / USED CV = 0.75

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	2.574	3.150	3.593	2.701	2.938	3.288	4.917	4.544	2.528
N	0	0	10	10	10	10	10	10	10	10	10
RECORD YEAR	0	0	1966	1966	1966	1966	1966	1975	1975	1975	1973
RECORD MAXIMUM	0.0	0.0	0.500	0.940	1.470	2.470	3.700	6.160	9.450	10.420	43.890
NORMILIZED MAX	0.0	0.0	1.368	1.811	1.795	1.402	1.535	1.759	2.143	1.998	1.443
CALC. COEF. VAR	0.0	0.0	0.316	0.347	0.316	0.378	0.429	0.464	0.525	0.472	0.452
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0	0.0	0.0131	0.0217	0.0353	0.0608	0.0839	0.1276	0.1673	0.2019	1.0000
RP10/A	0.0	0.0	0.0215	0.0355	0.0578	0.0994	0.1373	0.2088	0.2737	0.3303	1.5965
RP25/A	0.0	0.0	0.0263	0.0435	0.0706	0.1216	0.1680	0.2555	0.3348	0.4041	1.9290
RP50/A	0.0	0.0	0.0298	0.0492	0.0800	0.1378	0.1902	0.2893	0.3791	0.4576	2.1687
RP100/A	0.0	0.0	0.0332	0.0548	0.0891	0.1535	0.2119	0.3223	0.4224	0.5098	2.4015
RP1000/A	0.0	0.0	0.0440	0.0728	0.1184	0.2038	0.2815	0.4281	0.5610	0.6771	3.1426
RP10000/A	0.0	0.0	0.0546	0.0902	0.1466	0.2525	0.3486	0.5302	0.6948	0.8387	3.8536
PMP/A	0.0	0.0	0.1067	0.1764	0.2868	0.4938	0.6818	1.0371	1.3591	1.6404	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T14 7976 0	SANTA YNEZ	600						34.617	120.100	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.08	0.12	0.18	0.30	0.52	0.78	1.07	1.68	2.07	2.10	19.67
1941	*****	*****	*****	*****	0.91	1.36	1.64	2.13	2.33	3.72	39.33
1942	*****	*****	*****	*****	0.47	0.87	1.02	1.34	1.62	1.74	9.69
1943	*****	*****	*****	*****	0.65	1.07	1.40	2.12	3.28	3.99	18.62
1944	*****	*****	*****	*****	0.47	0.58	0.73	1.58	1.87	2.68	12.36
1945	*****	*****	*****	*****	0.42	0.62	0.71	1.37	2.20	2.68	12.36
1946	*****	*****	*****	*****	0.50	0.80	1.09	1.90	2.04	2.07	13.25
1947	*****	*****	*****	*****	0.31	0.45	0.52	0.59	0.64	0.66	2.92
1948	*****	*****	*****	*****	0.61	0.95	1.16	1.50	2.01	2.30	8.66
1949	0.20	0.38	0.43	0.71	0.82	1.09	1.23	1.72	2.41	2.89	10.77
1950	0.07	0.14	0.17	0.29	0.46	0.73	1.02	1.30	1.30	1.30	9.19
1951	0.10	0.17	0.20	0.25	0.45	0.52	0.84	0.96	1.41	2.36	12.70
1952	0.27	0.30	0.33	0.42	0.75	1.09	1.66	2.57	3.11	3.56	25.87
1953	0.04	0.07	0.12	0.24	0.38	0.74	1.09	1.60	1.70	1.73	4.49
1954	0.05	0.10	0.14	0.25	0.49	0.74	0.90	1.06	1.72	1.94	11.66
1955	0.16	0.27	0.30	0.40	0.47	0.71	0.81	1.23	1.88	2.54	13.97
1956	0.02	0.04	0.06	0.12	0.16	0.30	0.38	0.66	1.30	1.90	7.45
1957	0.11	0.15	0.17	0.31	0.43	0.71	0.98	1.58	2.12	2.30	14.20
1958	0.18	0.29	0.35	0.52	0.75	1.07	1.27	1.62	2.47	2.71	23.41
1959	0.10	0.18	0.25	0.39	0.71	1.03	1.40	2.48	2.89	2.95	10.99
1960	0.09	0.15	0.16	0.30	0.46	0.73	0.90	1.23	1.25	1.27	11.96
1961	0.08	0.15	0.16	0.29	0.55	0.91	1.10	1.21	1.90	1.99	7.72
1962	0.06	0.12	0.16	0.20	0.29	0.53	0.62	0.75	0.98	1.41	14.55
1963	0.16	0.23	0.27	0.36	0.54	0.78	0.95	1.27	1.40	1.40	16.09
1968	*****	*****	*****	*****	0.30	0.60	0.80	0.90	1.50	1.80	9.90
1969	*****	*****	*****	*****	0.60	0.90	1.30	2.10	3.10	3.60	29.80
1970	*****	*****	*****	*****	0.50	0.70	0.90	1.30	1.70	2.50	15.30
1971	*****	*****	*****	*****	0.40	0.70	0.90	1.40	1.60	1.60	7.90
1972	*****	*****	*****	*****	0.40	0.60	0.70	0.90	0.90	1.60	6.70
1973	*****	*****	1.10	1.10	1.10	2.00	2.00	2.30	2.70	3.10	19.50
1974	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	15.00

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T14 7976 0	SANTA YNEZ	600						34.617	120.100	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.10	0.16	0.24	0.34	0.48	0.74	0.93	1.33	1.72	2.05	12.84
5	0.15	0.24	0.36	0.51	0.71	1.10	1.39	1.98	2.57	3.06	18.65
10	0.18	0.29	0.44	0.62	0.87	1.34	1.70	2.42	3.13	3.73	22.45
20	0.21	0.34	0.51	0.73	1.01	1.57	1.98	2.83	3.66	4.36	26.02
25	0.22	0.36	0.54	0.76	1.06	1.65	2.07	2.96	3.83	4.56	27.13
40	0.24	0.39	0.58	0.83	1.15	1.79	2.26	3.23	4.17	4.97	29.43
50	0.25	0.41	0.61	0.86	1.20	1.86	2.35	3.35	4.34	5.17	30.50
100	0.28	0.45	0.68	0.96	1.34	2.08	2.62	3.73	4.83	5.75	33.77
200	0.31	0.50	0.74	1.05	1.47	2.28	2.88	4.11	5.32	6.33	36.97
1000	0.37	0.60	0.90	1.27	1.77	2.76	3.48	4.96	6.42	7.64	44.20
10000	0.46	0.74	1.11	1.58	2.20	3.41	4.30	6.14	7.95	9.47	54.20
PMP	0.90	1.45	2.17	3.08	4.30	6.68	8.42	12.01	15.55	18.52	107.94
MEAN	0.111	0.179	0.268	0.379	0.529	0.822	1.036	1.478	1.913	2.279	14.064
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.964	0.708	3.088	2.251	0.973	1.842	0.739	0.376	0.333	0.340	1.554
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.391 ; INTERCEPT (TIME=1 HOUR) =0.546 ; COEFFICIENT OF DETERMINATION = 0.982
1HR INTERCEPT / MEAN YR =0.03885 ; AVERAGE CALC CV / USED CV = 1.11

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.085	3.496	13.809	9.080	4.704	8.860	4.162	2.853	2.928	2.961	6.377
N	16	16	17	17	30	30	30	30	30	30	31
RECORD YEAR	1952	1949	1973	1973	1973	1973	1973	1952	1943	1943	1941
RECORD MAXIMUM	0.270	0.380	1.100	1.100	1.100	2.000	2.000	2.570	3.280	3.990	39.330
NORMILIZED MAX	2.390	2.189	3.552	3.151	2.914	3.729	2.754	2.096	2.049	2.121	3.335
CALC. COEF. VAR	0.603	0.514	0.875	0.603	0.370	0.384	0.338	0.352	0.349	0.354	0.539
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0079	0.0127	0.0190	0.0270	0.0376	0.0584	0.0737	0.1051	0.1360	0.1620	1.0000
RP10/A	0.0129	0.0208	0.0311	0.0441	0.0615	0.0956	0.1206	0.1720	0.2226	0.2651	1.5965
RP25/A	0.0157	0.0254	0.0381	0.0540	0.0753	0.1170	0.1475	0.2104	0.2723	0.3243	1.9290
RP50/A	0.0178	0.0288	0.0431	0.0611	0.0853	0.1325	0.1670	0.2383	0.3084	0.3673	2.1687
RP100/A	0.0199	0.0321	0.0481	0.0681	0.0950	0.1476	0.1861	0.2654	0.3435	0.4092	2.4015
RP1000/A	0.0264	0.0426	0.0638	0.0905	0.1262	0.1960	0.2471	0.3525	0.4563	0.5435	3.1426
RP10000/A	0.0327	0.0528	0.0791	0.1121	0.1562	0.2428	0.3061	0.4366	0.5651	0.6731	3.8536
PMP/A	0.0639	0.1033	0.1546	0.2192	0.3056	0.4749	0.5987	0.8541	1.1054	1.3166	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T14 8697 0	SURF 2 ENE	105		07N	35W		S	34.683	120.567	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.24	0.28	0.33	0.34	0.42	0.64	0.84	1.52	2.02	2.05	******
1941	0.30	0.52	0.74	0.98	1.19	1.45	1.70	2.23	2.23	2.86	30.40
1942	0.07	0.10	0.14	0.26	0.45	0.49	0.63	0.78	0.99	1.02	8.56
1943	0.19	0.22	0.22	0.28	0.40	0.63	0.74	1.07	1.42	1.72	11.18
1944	0.12	0.16	0.22	0.30	0.41	0.45	0.55	0.63	0.85	1.04	10.80
1945	0.10	0.17	0.22	0.26	0.40	0.51	0.59	0.77	1.04	1.41	7.32
1946	0.14	0.27	0.35	0.48	0.67	1.24	1.40	1.81	2.14	2.52	******
1947	0.13	0.21	0.26	0.35	0.40	0.48	0.48	0.48	0.48	0.48	******
1948	0.09	0.13	0.18	0.32	0.51	0.83	1.06	1.44	1.84	2.08	9.16
1949	0.13	0.20	0.23	0.33	0.50	0.69	0.77	0.80	0.96	0.97	8.65
1950	0.11	0.15	0.16	0.23	0.31	0.46	0.51	0.62	0.75	0.82	7.07
1951	0.13	0.20	0.22	0.27	0.37	0.53	0.57	0.79	1.05	1.05	9.80
1952	0.48	0.60	0.65	0.81	1.19	1.67	2.03	2.61	3.66	4.49	21.44
1953	0.20	0.31	0.39	0.51	0.73	1.30	1.64	2.08	2.16	2.17	6.00
1954	0.25	0.29	0.33	0.40	0.56	0.82	0.96	1.05	1.05	1.25	10.50
1955	0.13	0.25	0.35	0.47	0.62	0.92	1.12	1.47	1.56	1.56	12.89
1956	0.08	0.10	0.12	0.20	0.30	0.43	0.53	0.83	1.10	1.58	4.73
1957	0.20	0.33	0.34	0.42	0.62	0.64	0.68	0.72	0.78	1.12	10.09
1958	0.10	0.13	0.15	0.22	0.39	0.62	0.75	1.24	1.60	1.77	17.01
1959	0.09	0.16	0.21	0.23	0.43	0.80	1.12	1.93	2.25	2.33	6.61
1960	0.20	0.32	0.48	0.71	0.95	1.40	1.48	1.55	1.68	1.68	12.56
1961	0.19	0.27	0.35	0.44	0.71	1.06	1.39	1.81	2.00	2.07	5.75
1962	0.10	0.14	0.15	0.18	0.36	0.64	0.78	0.93	1.08	1.86	12.22
1963	0.41	0.45	0.50	0.52	0.56	1.00	1.27	1.66	1.84	2.09	12.89
1964	0.19	0.24	0.28	0.33	0.48	0.57	0.74	1.20	1.36	1.61	8.55
1965	0.12	0.15	0.18	0.30	0.40	0.63	0.77	0.98	1.19	1.26	12.62
1966	0.13	0.14	0.18	0.21	0.25	0.53	0.67	0.82	0.90	1.21	6.02
1967	0.10	0.12	0.13	0.21	0.32	0.43	0.49	0.87	1.18	1.26	10.85
1968	0.06	0.10	0.15	0.25	0.30	0.35	0.63	0.58	0.79	0.82	8.12
1969	0.24	0.26	0.27	0.29	0.31	0.47	0.59	0.83	0.84	1.09	14.84
1970	0.08	0.12	0.17	0.29	0.40	0.74	0.84	1.35	1.53	1.64	9.98
1971	0.07	0.09	0.10	0.15	0.27	0.37	0.57	0.70	0.82	0.82	6.46
1972	0.27	0.38	0.43	0.57	0.63	0.67	0.70	0.98	1.06	1.06	5.36
1973	*****	*****	*****	*****	0.33	0.55	0.70	1.03	1.20	1.21	14.72
1974	*****	*****	*****	*****	0.57	1.04	1.27	2.12	2.42	2.58	10.58

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T14 8697 0	SURF 2 ENE	105		07N	35W		S	34.683	120.567	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.15	0.21	0.25	0.33	0.46	0.67	0.81	1.09	1.28	1.45	9.81
5	0.22	0.31	0.37	0.49	0.68	1.00	1.21	1.62	1.91	2.17	14.24
10	0.27	0.37	0.46	0.60	0.83	1.22	1.48	1.98	2.33	2.64	17.15
20	0.32	0.44	0.53	0.70	0.97	1.42	1.73	2.31	2.72	3.09	19.87
25	0.33	0.46	0.56	0.73	1.01	1.49	1.80	2.42	2.85	3.23	20.72
40	0.36	0.50	0.61	0.80	1.10	1.62	1.97	2.64	3.11	3.53	22.48
50	0.37	0.52	0.63	0.83	1.15	1.69	2.04	2.74	3.23	3.66	23.30
100	0.42	0.58	0.70	0.93	1.28	1.88	2.28	3.05	3.59	4.08	25.80
200	0.46	0.64	0.77	1.02	1.41	2.07	2.51	3.36	3.96	4.49	28.24
1000	0.55	0.77	0.93	1.23	1.70	2.50	3.02	4.05	4.77	5.42	33.76
10000	0.68	0.95	1.16	1.52	2.10	3.09	3.75	5.02	5.91	6.71	41.39
PMP	1.34	1.86	2.26	2.98	4.11	6.05	7.33	9.81	11.57	13.13	82.44
MEAN	0.165	0.229	0.278	0.367	0.506	0.744	0.902	1.208	1.423	1.616	10.742
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.655	1.344	1.434	1.713	1.728	1.221	1.199	0.858	1.328	1.700	2.114
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.529 ; INTERCEPT (TIME=1 HOUR) =0.527 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.04902 ; AVERAGE CALC CV / USED CV = 1.06

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	6.159	4.941	5.246	6.245	6.176	3.942	3.884	3.071	5.680	7.915	9.377
N	33	33	33	33	35	35	35	35	35	35	32
RECORD YEAR	1952	1952	1941	1941	1941	1952	1952	1952	1952	1952	1941
RECORD MAXIMUM	0.480	0.600	0.740	0.980	1.190	1.670	2.030	2.610	3.660	4.490	30.400
NORMILIZED MAX	3.266	3.009	3.070	3.297	2.983	2.767	2.854	2.581	3.441	3.794	3.841
CALC. COEF. VAR	0.585	0.538	0.541	0.507	0.453	0.450	0.438	0.450	0.457	0.469	0.476
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0153	0.0213	0.0259	0.0342	0.0471	0.0693	0.0839	0.1125	0.1325	0.1504	1.0000
RP10/A	0.0251	0.0349	0.0424	0.0559	0.0771	0.1134	0.1373	0.1840	0.2168	0.2461	1.5965
RP25/A	0.0307	0.0427	0.0518	0.0684	0.0943	0.1387	0.1680	0.2251	0.2652	0.3010	1.9290
RP50/A	0.0348	0.0483	0.0587	0.0774	0.1068	0.1571	0.1903	0.2549	0.3004	0.3409	2.1687
RP100/A	0.0388	0.0539	0.0654	0.0863	0.1190	0.1750	0.2120	0.2840	0.3346	0.3798	2.4015
RP1000/A	0.0515	0.0715	0.0869	0.1146	0.1580	0.2324	0.2815	0.3772	0.4444	0.5045	3.1426
RP10000/A	0.0637	0.0886	0.1076	0.1419	0.1957	0.2878	0.3487	0.4671	0.5505	0.6248	3.8536
PMP/A	0.1247	0.1733	0.2104	0.2776	0.3827	0.5630	0.6821	0.9137	1.0767	1.2221	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
T15 154P 1	CARPINTERA FIRE STA	365						34.400	119.483	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1965	0.15	0.18	0.19	0.29	0.40	0.61	0.83	1.24	1.54	1.80	14.05
1966	0.26	0.38	0.57	0.93	1.23	1.95	1.80	2.00	2.43	2.75	13.81
1967	0.29	0.38	0.40	0.48	0.85	1.37	1.73	2.62	3.15	3.67	20.33
1968	0.18	0.25	0.32	0.60	0.70	0.88	1.27	1.45	1.50	1.60	9.87
1969	0.24	0.39	0.47	0.71	0.97	1.54	2.00	3.30	4.13	4.66	27.94
1970	0.32	0.42	0.57	0.72	0.89	1.25	1.53	1.61	1.96	3.30	12.12
1971	0.13	0.15	0.23	0.33	0.55	0.85	0.88	1.42	2.05	2.26	12.47
1972	0.11	0.18	0.22	0.25	0.32	0.46	0.68	1.30	1.52	1.54	5.88
1973	0.20	0.28	0.35	0.43	0.67	1.23	1.63	2.10	2.65	2.70	19.42
1974	0.18	0.22	0.25	0.28	0.45	0.76	1.12	1.41	1.69	2.86	14.27
1975	0.28	0.47	0.62	0.95	1.45	2.19	2.80	3.70	4.70	4.90	12.82

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
T15 154P 1	CARPINTERA FIRE STA	365						34.400	119.483	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.19	0.27	0.34	0.49	0.69	1.02	1.33	1.81	2.24	2.62	13.53
5	0.29	0.40	0.51	0.73	1.03	1.52	1.98	2.70	3.33	3.91	19.65
10	0.35	0.49	0.62	0.89	1.26	1.86	2.42	3.29	4.06	4.77	23.65
20	0.41	0.57	0.73	1.04	1.48	2.17	2.83	3.85	4.75	5.58	27.41
25	0.43	0.60	0.76	1.09	1.54	2.27	2.96	4.03	4.97	5.83	28.58
40	0.46	0.65	0.83	1.18	1.68	2.48	3.23	4.39	5.42	6.36	31.00
50	0.48	0.68	0.88	1.23	1.75	2.57	3.35	4.56	5.63	6.60	32.13
100	0.54	0.76	0.96	1.37	1.95	2.87	3.74	5.08	6.27	7.36	35.58
200	0.59	0.83	1.06	1.51	2.14	3.16	4.11	5.60	6.90	8.09	38.95
1000	0.71	1.01	1.28	1.82	2.59	3.81	4.96	6.75	8.33	9.77	46.56
10000	0.88	1.25	1.58	2.25	3.20	4.72	6.14	8.36	10.32	12.10	57.10
PMP	1.73	2.44	3.09	4.41	6.26	9.23	12.02	16.36	20.18	23.67	113.72
MEAN	0.213	0.300	0.381	0.543	0.771	1.135	1.479	2.014	2.484	2.913	14.816
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.057	0.080	0.348	0.473	0.680	0.738	0.754	1.135	1.141	0.585	0.987
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.464 ; INTERCEPT (TIME=1 HOUR) =0.793 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.05353 ; AVERAGE CALC CV / USED CV = 0.87

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	2.631	2.329	2.462	2.716	3.632	4.550	4.502	3.901	4.074	3.295	5.325
N	11	11	11	11	11	11	11	11	11	11	11
RECORD YEAR	1970	1975	1975	1975	1975	1975	1975	1975	1975	1975	1969
RECORD MAXIMUM	0.320	0.470	0.620	0.950	1.450	2.190	2.800	3.700	4.700	4.900	27.940
NORMILIZED MAX	1.538	1.522	1.531	1.586	1.929	2.144	2.143	1.990	2.025	1.738	2.228
CALC. COEF. VAR	0.328	0.372	0.410	0.473	0.457	0.433	0.417	0.421	0.441	0.393	0.397
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0144	0.0202	0.0257	0.0366	0.0520	0.0766	0.0998	0.1359	0.1676	0.1966	1.0000
RP10/A	0.0235	0.0331	0.0421	0.0599	0.0851	0.1254	0.1633	0.2223	0.2742	0.3216	1.5965
RP25/A	0.0287	0.0405	0.0515	0.0733	0.1041	0.1534	0.1998	0.2720	0.3355	0.3935	1.9290
RP50/A	0.0325	0.0459	0.0583	0.0830	0.1179	0.1737	0.2263	0.3080	0.3799	0.4456	2.1687
RP100/A	0.0363	0.0511	0.0649	0.0925	0.1314	0.1935	0.2521	0.3432	0.4233	0.4964	2.4015
RP1000/A	0.0482	0.0679	0.0862	0.1229	0.1745	0.2570	0.3348	0.4558	0.5622	0.6593	3.1426
RP10000/A	0.0596	0.0841	0.1068	0.1522	0.2161	0.3183	0.4147	0.5645	0.6963	0.8166	3.8536
PMP/A	0.1167	0.1645	0.2089	0.2976	0.4228	0.6227	0.8111	1.1042	1.3620	1.5973	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T15 1905 50	COLD SPRINGS DIR BAS	550						34.450	119.617	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1965	0.17	0.26	0.34	0.44	0.68	1.03	1.28	1.91	2.45	2.64	13.69
1966	0.20	0.26	0.35	0.60	0.94	1.74	2.03	2.72	3.31	4.00	20.30
1967	0.25	0.36	0.46	0.70	1.27	1.65	2.20	3.11	4.07	4.09	31.27
1968	0.34	0.45	0.55	0.69	0.79	0.92	1.11	1.75	3.25	3.64	14.29
1969	0.24	0.38	0.48	0.68	0.91	1.65	1.95	3.38	5.90	7.14	38.79
1970	0.20	0.26	0.32	0.52	0.80	1.03	1.19	1.59	1.97	2.63	13.28
1971	0.18	0.27	0.32	0.49	0.66	0.90	1.17	1.57	2.72	2.84	14.70
1972	0.18	0.25	0.38	0.52	0.62	0.84	1.08	1.68	2.21	2.24	11.34
1973	0.26	0.34	0.37	0.60	1.01	1.53	2.00	3.10	3.79	3.90	31.01
1974	0.12	0.19	0.29	0.40	0.53	0.96	1.47	1.73	2.32	3.62	20.04
1975	0.14	0.24	0.33	0.52	0.92	1.68	2.34	3.66	5.64	5.94	23.11

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T15 1905 50	COLD SPRINGS DIR BAS	550						34.450	119.617	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.19	0.27	0.34	0.50	0.75	1.14	1.46	2.14	3.08	3.49	19.24
5	0.28	0.40	0.51	0.75	1.11	1.70	2.17	3.20	4.59	5.21	27.94
10	0.34	0.48	0.62	0.92	1.36	2.07	2.65	3.90	5.60	6.35	33.65
20	0.40	0.57	0.73	1.07	1.59	2.42	3.10	4.56	6.55	7.43	38.99
25	0.41	0.59	0.76	1.12	1.66	2.53	3.24	4.77	6.85	7.77	40.65
40	0.45	0.65	0.83	1.22	1.81	2.76	3.53	5.20	7.46	8.47	44.10
50	0.47	0.67	0.86	1.27	1.88	2.87	3.67	5.40	7.75	8.79	45.70
100	0.52	0.75	0.96	1.41	2.10	3.20	4.09	6.01	8.64	9.80	50.61
200	0.58	0.82	1.06	1.56	2.31	3.52	4.50	6.62	9.51	10.78	55.41
1000	0.70	0.99	1.28	1.88	2.78	4.25	5.43	7.99	11.47	13.01	66.23
10000	0.86	1.23	1.58	2.33	3.45	5.26	6.73	9.89	14.21	16.12	81.21
PMP	1.68	2.41	3.09	4.55	6.74	10.29	13.16	19.35	27.79	31.52	161.75
MEAN	0.207	0.296	0.381	0.560	0.830	1.266	1.620	2.382	3.421	3.880	21.075
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.788	0.808	1.117	0.051	0.647	0.198	0.241	0.424	0.974	1.279	0.864
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.424 ; INTERCEPT (TIME=1 HOUR) =0.845 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.04012 ; AVERAGE CALC CV / USED CV = 0.54

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	4.601	3.889	4.125	2.771	4.343	1.783	2.077	2.181	3.750	5.039	3.469
N	11	11	11	11	11	11	11	11	11	11	11
RECORD YEAR	1968	1968	1968	1967	1967	1966	1975	1975	1969	1969	1969
RECORD MAXIMUM	0.340	0.450	0.550	0.700	1.270	1.740	2.340	3.660	5.900	7.140	38.790
NORMALIZED MAX	2.141	2.020	2.086	1.374	2.096	1.265	1.484	1.571	1.854	2.202	1.958
CALC. COEF. VAR	0.299	0.257	0.213	0.182	0.253	0.296	0.299	0.341	0.391	0.382	0.429
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0098	0.0141	0.0181	0.0266	0.0394	0.0601	0.0769	0.1130	0.1623	0.1841	1.0000
RP10/A	0.0161	0.0230	0.0296	0.0435	0.0644	0.0983	0.1258	0.1849	0.2656	0.3012	1.5965
RP25/A	0.0197	0.0281	0.0362	0.0532	0.0788	0.1203	0.1538	0.2262	0.3249	0.3685	1.9290
RP50/A	0.0223	0.0319	0.0410	0.0602	0.0893	0.1362	0.1742	0.2562	0.3679	0.4173	2.1687
RP100/A	0.0248	0.0355	0.0456	0.0671	0.0995	0.1517	0.1941	0.2854	0.4099	0.4649	2.4015
RP1000/A	0.0330	0.0472	0.0606	0.0891	0.1321	0.2015	0.2578	0.3790	0.5444	0.6175	3.1426
RP10000/A	0.0409	0.0584	0.0751	0.1104	0.1636	0.2496	0.3193	0.4695	0.6743	0.7648	3.8536
PMP/A	0.0799	0.1143	0.1469	0.2159	0.3200	0.4882	0.6246	0.9183	1.3189	1.4959	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T15 2487 0	DOS PUEBLOS RANCH	160						34.447	119.950	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1970	0.12	0.20	0.28	0.50	0.74	0.77	0.80	1.40	2.13	2.30	9.60
1971	0.11	0.12	0.14	0.21	0.42	0.60	0.70	0.95	1.50	1.98	11.89
1972	0.20	0.28	0.33	0.60	0.99	1.35	1.45	1.86	2.10	3.09	8.48
1973	0.19	0.35	0.46	0.59	0.76	1.04	1.39	2.34	2.85	2.99	23.55
1974	0.24	0.30	0.32	0.40	0.59	0.96	1.16	1.55	1.86	2.50	16.33
1975	0.15	0.23	0.35	0.67	1.06	1.93	2.50	3.95	5.86	6.02	12.51

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T15 2487 0	DOS PUEBLOS RANCH	160						34.447	119.950	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.15	0.22	0.28	0.45	0.68	1.00	1.20	1.81	2.45	2.82	12.53
5	0.23	0.33	0.42	0.66	1.02	1.49	1.79	2.69	3.64	4.20	18.20
10	0.28	0.40	0.51	0.81	1.24	1.81	2.18	3.29	4.44	5.12	21.91
20	0.32	0.47	0.60	0.95	1.45	2.12	2.55	3.84	5.20	5.99	25.39
25	0.34	0.49	0.63	0.99	1.51	2.22	2.67	4.02	5.44	6.26	26.48
40	0.37	0.54	0.68	1.08	1.65	2.42	2.91	4.38	5.93	6.83	28.72
50	0.38	0.56	0.71	1.12	1.72	2.51	3.02	4.55	6.16	7.09	29.77
100	0.43	0.62	0.79	1.25	1.91	2.80	3.37	5.07	6.86	7.90	32.96
200	0.47	0.69	0.87	1.38	2.10	3.08	3.71	5.58	7.55	8.70	36.09
1000	0.56	0.83	1.05	1.66	2.54	3.72	4.47	6.74	9.11	10.50	43.14
10000	0.70	1.02	1.30	2.06	3.14	4.60	5.54	8.34	11.28	13.00	52.90
PMP	1.37	2.00	2.55	4.02	6.15	9.01	10.83	16.32	22.07	25.43	105.35
MEAN	0.168	0.247	0.313	0.495	0.757	1.108	1.333	2.008	2.717	3.130	13.727
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.217	-0.471	-0.539	-1.054	-0.047	1.099	1.305	1.479	2.056	1.958	1.321
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.409 ; INTERCEPT (TIME=1 HOUR) =0.726 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.05292 ; AVERAGE CALC CV / USED CV = 0.76

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	4.173	5.268	6.953	5.904	4.526	6.304	7.172	7.485	9.159	8.993	6.704
N	6	6	6	6	6	6	6	6	6	6	6
RECORD YEAR	1974	1973	1973	1975	1975	1975	1975	1975	1975	1975	1973
RECORD MAXIMUM	0.240	0.350	0.460	0.670	1.060	1.930	2.500	3.950	5.860	6.020	23.550
NORMILIZED MAX	1.423	1.769	1.407	1.042	1.264	1.726	1.803	1.834	1.962	1.947	1.778
CALC. COEF. VAR	0.299	0.330	0.333	0.339	0.317	0.430	0.485	0.527	0.590	0.474	0.403
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0123	0.0180	0.0228	0.0361	0.0551	0.0807	0.0971	0.1463	0.1979	0.2280	1.0000
RP10/A	0.0201	0.0294	0.0373	0.0590	0.0902	0.1321	0.1589	0.2394	0.3238	0.3731	1.5965
RP25/A	0.0245	0.0360	0.0457	0.0722	0.1103	0.1616	0.1944	0.2928	0.3961	0.4564	1.9290
RP50/A	0.0278	0.0407	0.0517	0.0817	0.1249	0.1830	0.2202	0.3316	0.4486	0.5168	2.1687
RP100/A	0.0310	0.0454	0.0576	0.0911	0.1392	0.2039	0.2453	0.3695	0.4998	0.5758	2.4015
RP1000/A	0.0411	0.0603	0.0766	0.1209	0.1849	0.2708	0.3258	0.4907	0.6638	0.7648	3.1426
RP10000/A	0.0509	0.0746	0.0948	0.1498	0.2290	0.3354	0.4035	0.6078	0.8221	0.9472	3.8536
PMP/A	0.0996	0.1460	0.1855	0.2930	0.4479	0.6560	0.7892	1.1888	1.6080	1.8527	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T15 2493 11	DOULTON TUNNEL 231	1950	12	04W	26W		S	34.465	119.708	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1966	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	22.95
1967	0.35	0.53	0.63	0.88	1.08	1.58	2.35	3.73	4.77	5.35	43.26
1968	0.11	0.18	0.25	0.41	0.62	1.10	1.27	2.04	3.45	4.34	17.38
1969	0.22	0.29	0.38	0.73	1.16	1.76	2.62	4.31	7.49	9.87	54.87
1970	0.31	0.51	0.61	0.78	1.06	1.13	1.34	1.72	2.73	3.60	15.46
1971	0.13	0.25	0.30	0.43	0.61	1.01	1.51	2.83	4.02	4.54	22.07
1972	0.30	0.52	0.65	0.77	1.04	1.49	1.77	2.60	3.12	3.43	13.84
1973	0.23	0.38	0.50	0.63	1.06	1.90	2.46	3.98	4.63	5.02	34.43
1974	0.16	0.23	0.27	0.29	0.43	0.77	0.94	1.46	2.78	4.00	17.84
1975	0.21	0.38	0.50	0.90	1.26	2.21	2.47	4.53	6.63	7.00	26.29

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T15 2493 11	DOULTON TUNNEL 231	1950	12	04W	26W		S	34.465	119.708	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.20	0.33	0.41	0.58	0.83	1.30	1.67	2.72	3.96	4.72	24.51
5	0.30	0.49	0.61	0.87	1.24	1.93	2.49	4.05	5.91	7.03	35.59
10	0.37	0.59	0.74	1.06	1.51	2.35	3.04	4.94	7.20	8.57	42.85
20	0.43	0.70	0.87	1.24	1.77	2.75	3.56	5.79	8.43	10.03	49.65
25	0.45	0.73	0.91	1.29	1.85	2.88	3.72	6.05	8.81	10.49	51.77
40	0.49	0.79	0.99	1.41	2.02	3.14	4.06	6.59	9.61	11.43	56.16
50	0.51	0.82	1.03	1.47	2.10	3.26	4.21	6.85	9.98	11.87	58.21
100	0.57	0.92	1.15	1.63	2.33	3.63	4.69	7.63	11.12	13.23	64.45
200	0.62	1.01	1.26	1.80	2.57	4.00	5.17	8.40	12.23	14.56	70.56
1000	0.75	1.22	1.52	2.17	3.10	4.83	6.23	10.14	14.76	17.57	84.35
10000	0.93	1.51	1.89	2.69	3.84	5.98	7.72	12.55	18.29	21.76	103.43
PMP	1.82	2.95	3.69	5.25	7.51	11.69	15.10	24.56	35.77	42.57	205.99
MEAN	0.224	0.363	0.454	0.647	0.924	1.439	1.859	3.022	4.402	5.239	26.839
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.119	0.084	-0.083	-0.525	-0.775	0.225	-0.103	-0.027	0.954	1.724	1.235
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.427 ; INTERCEPT (TIME=1 HOUR) =0.970 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.03615 ; AVERAGE CALC CV / USED CV = 0.72

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	3.051	2.587	2.447	2.977	3.196	3.264	2.471	2.550	3.969	6.788	4.617
N	9	9	9	9	9	9	9	9	9	9	10
RECORD YEAR	1967	1967	1972	1975	1975	1975	1969	1975	1969	1969	1969
RECORD MAXIMUM	0.350	0.530	0.650	0.900	1.260	2.210	2.620	4.530	7.490	9.870	54.870
NORMILIZED MAX	1.511	1.242	1.229	1.149	1.152	1.637	1.214	1.306	1.829	2.267	2.089
CALC. COEF. VAR	0.370	0.369	0.350	0.341	0.315	0.327	0.337	0.382	0.384	0.390	0.500
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0084	0.0135	0.0169	0.0241	0.0344	0.0536	0.0693	0.1126	0.1640	0.1952	1.0000
RP10/A	0.0137	0.0221	0.0277	0.0394	0.0564	0.0877	0.1133	0.1842	0.2683	0.3194	1.5965
RP25/A	0.0167	0.0271	0.0339	0.0482	0.0689	0.1073	0.1386	0.2254	0.3283	0.3907	1.9290
RP50/A	0.0190	0.0307	0.0384	0.0546	0.0781	0.1215	0.1570	0.2552	0.3718	0.4424	2.1687
RP100/A	0.0211	0.0342	0.0428	0.0608	0.0870	0.1354	0.1749	0.2844	0.4142	0.4929	2.4015
RP1000/A	0.0280	0.0454	0.0568	0.0808	0.1155	0.1798	0.2323	0.3777	0.5501	0.6547	3.1426
RP10000/A	0.0347	0.0562	0.0703	0.1001	0.1431	0.2227	0.2877	0.4678	0.6813	0.8108	3.8536
PMP/A	0.0679	0.1100	0.1376	0.1958	0.2799	0.4356	0.5627	0.9149	1.3327	1.5860	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT BMM	LATITUDE	LONGITUDE	COUNTY
T15 3367 10	GAVIOTA STATE PARK	5		05N	32W S	34.467	120.233	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
	DURATION										
1965	0.22	0.34	0.40	0.55	0.70	0.94	1.05	1.11	1.79	2.95	17.51
1966	0.30	0.37	0.46	0.56	0.65	1.03	1.17	1.54	2.27	3.63	14.29
1967	0.10	0.15	0.22	0.44	0.77	1.18	1.47	2.31	2.98	3.03	15.79
1968	0.22	0.26	0.32	0.45	0.59	0.76	0.90	1.40	2.29	2.55	11.20
1969	0.17	0.25	0.30	0.30	0.42	0.65	0.90	1.71	2.29	4.20	23.46
1970	0.13	0.16	0.16	0.21	0.34	0.58	0.81	1.35	2.15	2.40	7.87
1971	0.08	0.11	0.15	0.25	0.46	0.68	0.74	1.04	1.50	1.60	11.92
1972	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	******
1973	0.30	0.43	0.53	0.60	0.95	1.35	1.67	2.37	2.87	2.90	24.23
1974	0.14	0.24	0.34	0.49	0.62	0.86	1.09	1.51	1.78	2.96	12.73

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT BMM	LATITUDE	LONGITUDE	COUNTY
T15 3367 10	GAVIOTA STATE PARK	5		05N	32W S	34.467	120.233	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.17	0.23	0.29	0.39	0.55	0.80	0.98	1.43	1.99	2.62	14.10
5	0.25	0.34	0.43	0.57	0.82	1.19	1.46	2.14	2.97	3.91	20.48
10	0.30	0.42	0.52	0.70	1.00	1.46	1.78	2.61	3.62	4.77	24.66
20	0.35	0.49	0.61	0.82	1.17	1.70	2.08	3.05	4.24	5.58	28.57
25	0.37	0.51	0.64	0.86	1.22	1.78	2.18	3.19	4.43	5.83	29.79
40	0.40	0.56	0.70	0.93	1.33	1.94	2.38	3.48	4.83	6.36	32.32
50	0.42	0.58	0.73	0.97	1.39	2.02	2.47	3.61	5.02	6.60	33.49
100	0.47	0.65	0.81	1.08	1.54	2.25	2.75	4.02	5.59	7.36	37.09
200	0.51	0.71	0.89	1.19	1.70	2.47	3.03	4.43	6.15	8.10	40.60
1000	0.62	0.86	1.07	1.43	2.05	2.98	3.65	5.34	7.42	9.77	48.54
10000	0.77	1.07	1.33	1.78	2.54	3.70	4.52	6.62	9.19	12.10	59.52
PMP	1.50	2.09	2.60	3.48	4.97	7.23	8.85	12.95	17.98	23.67	118.54
MEAN	0.184	0.257	0.320	0.428	0.611	0.890	1.089	1.593	2.213	2.913	15.444
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.358	0.254	0.183	-0.476	0.322	0.628	0.954	0.819	0.294	0.021	0.603
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.506 ; INTERCEPT (TIME=1 HOUR) =0.624 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.04038 ; AVERAGE CALC CV / USED CV = 0.75

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	3.045	3.245	3.333	2.905	4.077	3.571	4.215	3.818	3.613	5.046	3.660
N	9	9	9	9	9	9	9	9	9	9	9
RECORD YEAR	1966	1973	1973	1973	1973	1973	1973	1973	1967	1969	1973
RECORD MAXIMUM	0.300	0.430	0.530	0.600	0.950	1.350	1.670	2.370	2.980	4.200	24.230
NORMILIZED MAX	1.427	1.613	1.614	1.210	1.802	1.772	1.883	1.648	1.567	1.754	1.596
CALC. COEF. VAR	0.439	0.419	0.407	0.333	0.308	0.292	0.283	0.296	0.221	0.252	0.356
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0119	0.0166	0.0207	0.0277	0.0396	0.0576	0.0705	0.1032	0.1433	0.1886	1.0000
RP10/A	0.0195	0.0272	0.0339	0.0453	0.0647	0.0943	0.1153	0.1688	0.2345	0.3086	1.5965
RP25/A	0.0239	0.0333	0.0415	0.0554	0.0792	0.1153	0.1411	0.2065	0.2868	0.3775	1.9290
RP50/A	0.0271	0.0377	0.0470	0.0628	0.0897	0.1306	0.1598	0.2338	0.3248	0.4276	2.1687
RP100/A	0.0302	0.0420	0.0523	0.0699	0.0999	0.1455	0.1780	0.2605	0.3619	0.4763	2.4015
RP1000/A	0.0401	0.0557	0.0695	0.0929	0.1327	0.1933	0.2365	0.3460	0.4806	0.6326	3.1426
RP10000/A	0.0496	0.0690	0.0861	0.1151	0.1644	0.2394	0.2929	0.4285	0.5953	0.7836	3.8536
PMP/A	0.0970	0.1350	0.1683	0.2250	0.3215	0.4682	0.5728	0.8382	1.1644	1.5326	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
T15 3530 1	GRAHAM RANCH	3300						34.492	119.696	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
	DURATION										
1970	0.14	0.19	0.24	0.39	0.58	0.92	1.29	1.69	2.90	3.12	16.25
1971	0.32	0.47	0.52	0.84	1.36	1.98	2.79	4.60	6.79	7.77	28.13
1972	0.18	0.31	0.38	0.59	0.88	1.33	1.68	2.61	3.10	3.48	19.08
1973	0.36	0.51	0.66	1.03	1.41	2.58	3.50	5.08	6.19	6.33	46.35
1974	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	31.88
1975	0.15	0.29	0.40	0.78	1.49	2.81	3.85	5.94	8.42	9.10	35.61

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
T15 3530 1	GRAHAM RANCH	3300						34.492	119.696	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.21	0.32	0.40	0.65	1.03	1.73	2.36	3.59	4.93	5.36	26.98
5	0.31	0.47	0.59	0.97	1.53	2.58	3.52	5.34	7.35	8.00	39.18
10	0.38	0.58	0.72	1.19	1.87	3.15	4.29	6.52	8.97	9.75	47.18
20	0.44	0.68	0.84	1.39	2.19	3.68	5.02	7.63	10.49	11.41	54.66
25	0.46	0.71	0.88	1.45	2.29	3.85	5.25	7.97	10.97	11.93	57.00
40	0.50	0.77	0.96	1.58	2.50	4.20	5.72	8.69	11.96	13.01	61.83
50	0.52	0.80	1.00	1.65	2.59	4.36	5.94	9.03	12.42	13.51	64.09
100	0.58	0.89	1.11	1.83	2.89	4.86	6.62	10.06	13.84	15.05	70.96
200	0.64	0.98	1.22	2.02	3.18	5.35	7.29	11.07	15.23	16.56	77.69
1000	0.77	1.19	1.48	2.43	3.84	6.45	8.79	13.36	18.38	19.99	92.86
10000	0.96	1.47	1.83	3.02	4.75	7.99	10.89	16.55	22.76	24.76	113.87
PMP	1.87	2.88	3.57	5.90	9.29	15.63	21.30	32.37	44.52	48.42	226.80
MEAN	0.230	0.354	0.440	0.726	1.144	1.924	2.622	3.984	5.480	5.960	29.550
CLOCK HR. COF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.604	0.106	0.304	-0.304	-0.860	-0.196	-0.200	-0.422	-0.079	-0.028	0.326
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.319 ; INTERCEPT (TIME=1 HOUR) =1.189 ; COEFFICIENT OF DETERMINATION = 0.992
1HR INTERCEPT / MEAN YR =0.04023 ; AVERAGE CALC CV / USED CV = 0.81

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	4.384	5.056	6.665	6.324	5.444	4.865	4.594	5.019	4.784	4.650	4.965
N	5	5	5	5	5	5	5	5	5	5	6
RECORD YEAR	1973	1973	1973	1973	1975	1975	1975	1975	1975	1975	1973
RECORD MAXIMUM	0.360	0.510	0.660	1.030	1.490	2.810	3.850	5.940	8.420	9.100	46.350
NORMILIZED MAX	1.269	1.173	1.391	1.242	0.875	1.103	1.102	1.104	1.221	1.198	1.517
CALC. COEF. VAR	0.446	0.376	0.359	0.337	0.346	0.417	0.425	0.445	0.439	0.440	0.375
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0078	0.0120	0.0149	0.0246	0.0387	0.0651	0.0887	0.1348	0.1854	0.2017	1.0000
RP10/A	0.0127	0.0196	0.0244	0.0402	0.0633	0.1065	0.1452	0.2206	0.3034	0.3300	1.5965
RP25/A	0.0156	0.0240	0.0298	0.0492	0.0775	0.1303	0.1776	0.2698	0.3712	0.4037	1.9290
RP50/A	0.0176	0.0272	0.0337	0.0557	0.0877	0.1476	0.2011	0.3056	0.4203	0.4572	2.1687
RP100/A	0.0197	0.0303	0.0376	0.0620	0.0978	0.1646	0.2241	0.3405	0.4683	0.5093	2.4015
RP1000/A	0.0261	0.0402	0.0499	0.0824	0.1298	0.2184	0.2976	0.4522	0.6220	0.6764	3.1426
RP10000/A	0.0323	0.0498	0.0619	0.1021	0.1608	0.2705	0.3686	0.5600	0.7703	0.8378	3.8536
PMP/A	0.0632	0.0973	0.1210	0.1996	0.3146	0.5290	0.7209	1.0954	1.5068	1.6387	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
85N ORDER SUB										
T15 4328 20	JALAMA BEACH	15						34.500	120.500	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1969	0.20	0.25	0.28	0.40	0.52	0.69	1.03	1.55	1.73	1.74	25.28
1970	0.28	0.48	0.57	0.71	0.84	1.12	1.30	2.27	3.55	3.59	12.98
1971	0.14	0.23	0.30	0.42	0.62	0.98	1.28	1.72	2.39	3.19	7.98
1972	0.40	0.68	0.92	1.23	1.67	2.12	2.50	3.10	3.30	3.64	11.14
1973	0.20	0.28	0.39	0.48	0.72	1.34	1.71	2.13	2.43	2.43	27.68
1974	0.39	0.44	0.52	0.82	1.04	1.38	1.68	2.05	2.76	3.50	21.01
1975	0.32	0.44	0.59	0.74	1.14	2.06	2.82	4.99	6.12	7.14	19.37

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
85N ORDER SUB										
T15 4328 20	JALAMA BEACH	15						34.500	120.500	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.25	0.36	0.46	0.62	0.84	1.25	1.58	2.29	2.86	3.24	16.36
5	0.37	0.54	0.68	0.92	1.26	1.86	2.36	3.41	4.27	4.84	23.76
10	0.45	0.65	0.83	1.12	1.53	2.26	2.88	4.16	5.21	5.90	28.61
20	0.53	0.77	0.98	1.31	1.79	2.65	3.37	4.87	6.09	6.90	33.15
25	0.55	0.80	1.02	1.37	1.87	2.77	3.52	5.09	6.37	7.21	34.57
40	0.60	0.87	1.11	1.50	2.04	3.02	3.84	5.55	6.95	7.86	37.50
50	0.62	0.91	1.16	1.55	2.12	3.14	3.99	5.77	7.21	8.17	38.86
100	0.70	1.01	1.29	1.73	2.36	3.50	4.44	6.42	8.04	9.10	43.03
200	0.77	1.11	1.42	1.91	2.60	3.85	4.89	7.07	8.84	10.02	47.11
1000	0.92	1.34	1.71	2.30	3.14	4.64	5.90	8.53	10.67	12.09	56.32
10000	1.15	1.66	2.12	2.85	3.89	5.75	7.31	10.57	13.22	14.97	69.06
PMP	2.24	3.25	4.14	5.57	7.60	11.25	14.30	20.67	25.86	29.28	137.54
MEAN	0.276	0.400	0.510	0.686	0.936	1.384	1.760	2.544	3.183	3.604	17.920
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.030	0.715	1.023	1.057	1.132	0.439	0.792	1.821	1.703	1.682	-0.030
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.495 ; INTERCEPT (TIME=1 HOUR) =0.982 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.05480 ; AVERAGE CALC CV / USED CV = 0.84

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	3.299	4.811	5.830	5.685	5.812	3.825	4.054	7.702	7.789	8.137	3.312
N	7	7	7	7	7	7	7	7	7	7	7
RECORD YEAR	1972	1972	1972	1972	1972	1972	1975	1975	1975	1975	1973
RECORD MAXIMUM	0.400	0.680	0.920	1.230	1.670	2.120	2.820	4.990	6.120	7.140	27.680
NORMILIZED MAX	1.239	1.749	1.866	1.663	1.875	1.376	1.593	2.061	2.055	2.068	1.316
CALC. COEF. VAR	0.364	0.400	0.431	0.426	0.418	0.366	0.378	0.466	0.449	0.474	0.414
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0154	0.0223	0.0285	0.0383	0.0522	0.0772	0.0982	0.1420	0.1776	0.2011	1.0000
RP10/A	0.0252	0.0365	0.0466	0.0626	0.0854	0.1264	0.1607	0.2323	0.2906	0.3291	1.5965
RP25/A	0.0308	0.0447	0.0570	0.0766	0.1045	0.1546	0.1966	0.2842	0.3555	0.4025	1.9290
RP50/A	0.0349	0.0506	0.0645	0.0867	0.1184	0.1751	0.2226	0.3218	0.4026	0.4559	2.1687
RP100/A	0.0389	0.0564	0.0719	0.0966	0.1319	0.1951	0.2480	0.3585	0.4485	0.5079	2.4015
RP1000/A	0.0516	0.0749	0.0955	0.1283	0.1751	0.2591	0.3294	0.4762	0.5957	0.6746	3.1426
RP10000/A	0.0639	0.0927	0.1182	0.1590	0.2169	0.3209	0.4080	0.5898	0.7378	0.8355	3.8536
PMP/A	0.1250	0.1814	0.2312	0.3109	0.4243	0.6276	0.7980	1.1536	1.4431	1.6342	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT BMM	LATITUDE	LONGITUDE	COUNTY
T15 7859 0	SAN MARCOS PASS	2300	16	05N	2PW M S	34.512	119.824	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1965	0.28	0.34	0.45	0.72	1.03	1.34	1.42	1.63	2.25	2.69	29.39
1966	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	30.75
1967	0.29	0.47	0.51	0.60	1.15	1.92	2.45	3.91	4.99	5.95	41.08
1968	0.22	0.29	0.30	0.37	0.52	0.79	1.00	1.44	1.89	2.22	11.90
1969	0.24	0.38	0.55	1.02	1.75	2.37	3.28	6.07	10.65	14.24	81.17
1970	0.23	0.35	0.62	0.90	1.14	1.22	2.10	3.04	4.15	5.96	18.88
1971	0.32	0.33	0.36	0.56	0.82	1.10	1.27	1.42	2.04	2.33	15.48
1972	0.25	0.67	0.78	0.99	1.30	1.78	2.03	3.43	4.04	4.32	17.76
1973	0.36	0.51	0.56	0.81	1.34	2.54	3.62	5.26	6.68	6.78	48.15
1974	0.15	0.24	0.34	0.52	0.95	1.54	2.41	3.11	3.53	4.82	32.75
1975	0.28	0.47	0.50	0.78	1.49	2.82	3.65	5.17	7.15	7.55	35.92

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT BMM	LATITUDE	LONGITUDE	COUNTY
T15 7859 0	SAN MARCOS PASS	2300	16	05N	2PW M S	34.512	119.824	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.24	0.36	0.45	0.65	1.03	1.57	2.09	3.10	4.26	5.12	30.15
5	0.35	0.54	0.67	0.98	1.54	2.34	3.12	4.63	6.36	7.63	43.79
10	0.43	0.66	0.81	1.19	1.88	2.85	3.80	5.64	7.75	9.30	52.72
20	0.50	0.78	0.95	1.39	2.20	3.33	4.45	6.60	9.07	10.88	61.09
25	0.52	0.81	0.99	1.46	2.30	3.49	4.65	6.90	9.48	11.38	63.70
40	0.57	0.88	1.08	1.59	2.51	3.80	5.07	7.52	10.34	12.41	69.09
50	0.59	0.92	1.13	1.65	2.60	3.95	5.27	7.82	10.74	12.89	71.61
100	0.66	1.02	1.26	1.84	2.90	4.40	5.87	8.71	11.96	14.36	79.30
200	0.73	1.13	1.38	2.02	3.19	4.84	6.46	9.58	13.16	15.80	86.81
1000	0.88	1.36	1.67	2.44	3.85	5.84	7.79	11.56	15.89	19.07	103.77
10000	1.09	1.68	2.06	3.02	4.77	7.24	9.65	14.32	19.68	23.62	127.25
PMP	2.13	3.29	4.04	5.91	9.34	14.15	18.87	28.01	38.49	46.20	253.44
MEAN	0.262	0.405	0.497	0.727	1.149	1.742	2.323	3.448	4.737	5.686	33.021
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	-0.251	0.925	0.499	-0.170	-0.088	0.312	0.183	0.198	1.110	1.640	1.542
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.398 ; INTERCEPT (TIME=1 HOUR) =1.158 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.03506 ; AVERAGE CALC CV / USED CV = 0.67

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	4.640	4.723	4.217	3.096	4.238	2.989	2.810	2.839	4.901	7.222	6.682
N	10	10	10	10	10	10	10	10	10	10	11
RECORD YEAR	1973	1972	1972	1969	1969	1975	1975	1969	1969	1969	1969
RECORD MAXIMUM	0.360	0.670	0.780	1.020	1.750	2.820	3.650	6.070	10.650	14.240	81.170
NORMILIZED MAX	1.687	2.098	1.965	1.374	1.723	1.613	1.391	1.571	2.144	2.416	2.462
CALC. COEF. VAR	0.222	0.312	0.290	0.293	0.304	0.384	0.411	0.484	0.582	0.623	0.592
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0079	0.0123	0.0151	0.0220	0.0348	0.0528	0.0703	0.1044	0.1435	0.1722	1.0000
RP10/A	0.0130	0.0201	0.0246	0.0360	0.0569	0.0863	0.1151	0.1708	0.2347	0.2817	1.5965
RP25/A	0.0159	0.0245	0.0301	0.0441	0.0696	0.1056	0.1408	0.2090	0.2871	0.3446	1.9290
RP50/A	0.0180	0.0278	0.0341	0.0499	0.0789	0.1196	0.1595	0.2367	0.3252	0.3903	2.1687
RP100/A	0.0200	0.0310	0.0380	0.0556	0.0879	0.1332	0.1776	0.2637	0.3623	0.4348	2.4015
RP1000/A	0.0266	0.0411	0.0505	0.0738	0.1167	0.1769	0.2359	0.3502	0.4811	0.5775	3.1426
RP10000/A	0.0330	0.0509	0.0625	0.0915	0.1445	0.2191	0.2922	0.4337	0.5959	0.7153	3.8536
PMP/A	0.0645	0.0997	0.1223	0.1789	0.2827	0.4286	0.5716	0.8484	1.1656	1.3991	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
RSN ORDER SUP										
T15 7859 65	SAN MARCOS TROUT CL 242	1200	27	05N	28W		S	34.483	119.800	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1967	0.18	0.32	0.47	0.69	1.28	2.17	3.05	4.03	4.94	5.29	32.72
1968	0.06	0.08	0.12	0.24	0.36	0.74	0.79	1.44	1.53	1.53	11.33
1969	0.17	0.23	0.30	0.54	0.82	1.51	2.02	3.31	5.55	6.85	45.00
1970	0.18	0.24	0.27	0.42	0.59	0.93	1.09	1.62	2.46	3.44	15.78
1971	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	16.76
1972	0.10	0.13	0.14	0.26	0.40	0.76	1.12	2.02	2.55	2.74	12.95
1973	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	******
1974	0.15	0.27	0.31	0.44	0.73	1.12	1.68	2.14	2.33	3.33	22.33
1975	0.21	0.33	0.45	0.78	1.39	2.47	3.29	4.53	6.61	6.90	28.60

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
RSN ORDER SUP										
T15 7859 65	SAN MARCOS TROUT CL 242	1200	27	05N	28W		S	34.483	119.800	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.14	0.21	0.26	0.43	0.72	1.25	1.68	2.45	3.34	3.87	21.17
5	0.20	0.31	0.39	0.65	1.07	1.86	2.50	3.66	4.98	5.77	30.74
10	0.25	0.37	0.48	0.79	1.30	2.27	3.05	4.46	6.07	7.03	37.01
20	0.29	0.44	0.56	0.92	1.52	2.65	3.57	5.22	7.10	8.23	42.89
25	0.30	0.46	0.59	0.96	1.59	2.77	3.73	5.46	7.43	8.60	44.72
40	0.33	0.50	0.64	1.05	1.74	3.02	4.06	5.95	8.10	9.38	48.51
50	0.34	0.52	0.67	1.09	1.80	3.14	4.22	6.18	8.41	9.74	50.28
100	0.38	0.58	0.74	1.22	2.01	3.50	4.70	6.89	9.37	10.85	55.68
200	0.42	0.64	0.82	1.34	2.21	3.85	5.18	7.58	10.31	11.94	60.95
1000	0.50	0.77	0.99	1.61	2.67	4.65	6.25	9.15	12.44	14.41	72.86
10000	0.62	0.95	1.22	2.00	3.31	5.76	7.74	11.33	15.41	17.85	89.34
PMP	1.27	1.86	2.39	3.91	6.47	11.26	15.14	22.16	30.14	34.91	177.94
MEAN	0.150	0.229	0.294	0.481	0.796	1.386	1.863	2.727	3.710	4.297	23.184
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	-0.940	-0.676	0.021	0.294	0.599	0.789	0.606	0.535	0.501	0.226	0.982
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.289 ; INTERCEPT (TIME=1 HOUR) =0.823 ; COEFFICIENT OF DETERMINATION = 0.987
IHR INTERCEPT / MEAN YR =0.03551 ; AVERAGE CALC CV / USED CV = 0.96

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	4.733	4.088	3.671	3.719	3.695	3.752	3.544	3.288	3.229	3.369	4.598
N	7	7	7	7	7	7	7	7	7	7	8
RECORD YEAR	1975	1975	1967	1975	1975	1975	1975	1975	1975	1975	1969
RECORD MAXIMUM	0.210	0.330	0.470	0.780	1.390	2.470	3.290	4.530	6.610	6.900	45.000
NORMILIZED MAX	1.148	1.087	1.297	1.466	1.469	1.562	1.451	1.471	1.485	1.250	1.884
CALC. COEF. VAR	0.349	0.408	0.460	0.423	0.508	0.501	0.528	0.449	0.526	0.485	0.499
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0065	0.0099	0.0127	0.0208	0.0343	0.0598	0.0804	0.1176	0.1600	0.1854	1.0000
RP10/A	0.0106	0.0161	0.0208	0.0340	0.0562	0.0978	0.1315	0.1925	0.2618	0.3032	1.5965
RP25/A	0.0129	0.0197	0.0254	0.0416	0.0687	0.1196	0.1608	0.2354	0.3203	0.3710	1.9290
RP50/A	0.0147	0.0223	0.0288	0.0471	0.0778	0.1355	0.1821	0.2666	0.3627	0.4201	2.1687
RP100/A	0.0163	0.0249	0.0321	0.0524	0.0867	0.1509	0.2029	0.2970	0.4041	0.4681	2.4015
RP1000/A	0.0217	0.0331	0.0426	0.0696	0.1151	0.2005	0.2695	0.3945	0.5367	0.6216	3.1426
RP10000/A	0.0269	0.0410	0.0527	0.0863	0.1426	0.2483	0.3338	0.4886	0.6647	0.7699	3.8536
PMP/A	0.0526	0.0801	0.1031	0.1687	0.2789	0.4856	0.6529	0.9558	1.3002	1.5060	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T15 7902 0	SANTA BARBARA	100		04N	27W		S	34.417	119.700	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.16	0.32	0.47	0.84	1.31	1.56	1.56	2.60	3.29	3.57	23.26
1941	0.30	0.39	0.54	0.88	1.19	1.25	1.52	2.54	3.38	3.53	41.48
1942	0.07	0.14	0.16	0.30	0.48	0.80	1.10	1.56	1.66	1.66	9.98
1943	0.19	0.29	0.36	0.71	1.01	1.59	2.07	3.84	6.05	7.34	27.00
1944	0.17	0.19	0.25	0.32	0.39	0.48	0.60	0.95	1.40	1.64	15.76
1945	0.20	0.40	0.56	0.99	1.38	1.99	2.62	3.07	3.28	4.27	18.85
1946	0.12	0.17	0.20	0.34	0.61	0.97	1.25	1.80	2.21	2.29	13.89
1947	0.08	0.13	0.16	0.25	0.37	0.51	0.60	0.76	0.88	1.01	3.99
1948	0.24	0.36	0.54	0.74	0.99	1.23	1.49	2.06	2.37	2.38	11.33
1949	0.07	0.12	0.15	0.23	0.34	0.62	0.90	1.40	2.47	3.14	14.13
1950	0.11	0.19	0.22	0.34	0.53	0.76	0.98	1.52	1.81	1.89	12.09
1951	0.07	0.10	0.14	0.24	0.30	0.53	0.72	0.96	1.03	1.51	13.80
1952	0.21	0.28	0.37	0.49	0.77	1.08	1.32	1.77	2.71	4.85	32.88
1953	0.08	0.12	0.17	0.31	0.55	0.78	1.25	1.75	1.81	1.89	6.58
1954	0.24	0.30	0.31	0.44	0.53	0.83	1.08	1.67	2.32	2.47	18.94
1955	0.15	0.20	0.23	0.40	0.49	0.66	0.76	1.11	2.00	2.72	18.68
1956	0.09	0.10	0.15	0.30	0.48	0.68	0.88	1.52	2.56	4.67	12.65
1957	0.23	0.25	0.25	0.25	0.47	0.73	0.85	1.52	2.12	2.52	20.04
1958	0.31	0.62	0.93	1.55	1.58	1.78	1.81	2.25	2.78	3.10	25.93
1959	0.11	0.21	0.32	0.55	0.70	0.89	1.20	1.84	2.25	2.55	9.67
1960	0.20	0.27	0.30	0.45	0.80	1.05	1.09	1.80	2.42	3.36	16.86
1961	0.09	0.15	0.21	0.38	0.72	1.30	1.65	2.23	2.70	2.70	8.16
1962	0.20	0.26	0.39	0.58	1.04	1.66	2.22	2.68	3.01	3.84	21.40
1963	0.09	0.16	0.26	0.39	0.67	1.22	1.39	2.22	2.74	3.84	20.31
1964	0.19	0.29	0.34	0.42	0.56	0.58	0.69	1.24	2.12	2.95	12.79
1965	0.20	0.30	0.42	0.52	0.84	1.34	1.55	2.25	2.74	3.13	21.01
1968	*****	*****	*****	*****	0.50	0.90	1.10	1.80	3.20	3.50	11.60
1969	*****	*****	*****	*****	0.70	1.20	1.50	2.50	3.40	4.50	30.40
1970	*****	*****	*****	*****	0.60	0.80	1.10	1.80	2.80	3.10	20.20
1971	*****	*****	*****	*****	0.50	0.70	0.80	1.90	2.10	2.60	12.55
1972	*****	*****	*****	*****	0.80	1.30	1.50	1.90	1.90	1.90	7.90
1973	*****	*****	0.40	0.70	1.00	1.40	1.80	2.50	3.10	3.10	22.70
1974	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	21.55

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T15 7902 0	SANTA BARBARA	100		04N	27W		S	34.417	119.700	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.22	0.29	0.46	0.65	0.93	1.15	1.72	2.27	2.74	16.00
5	0.22	0.33	0.44	0.69	0.97	1.39	1.72	2.57	3.38	4.09	23.24
10	0.26	0.40	0.53	0.84	1.19	1.70	2.09	3.13	4.12	4.99	27.98
20	0.31	0.47	0.62	0.99	1.39	1.98	2.45	3.67	4.82	5.83	32.42
25	0.32	0.49	0.65	1.03	1.45	2.07	2.56	3.83	5.04	6.10	33.81
40	0.35	0.53	0.71	1.12	1.58	2.26	2.79	4.18	5.50	6.65	36.67
50	0.36	0.55	0.74	1.17	1.64	2.35	2.90	4.34	5.71	6.91	38.01
100	0.41	0.61	0.82	1.30	1.83	2.62	3.23	4.84	6.36	7.70	42.09
200	0.45	0.68	0.91	1.43	2.01	2.88	3.56	5.32	7.00	8.47	46.08
1000	0.54	0.82	1.09	1.73	2.43	3.48	4.29	6.43	8.45	10.22	55.08
10000	0.67	1.01	1.35	2.14	3.01	4.31	5.32	7.96	10.46	12.66	67.54
PMP	1.30	1.98	2.65	4.19	5.89	8.42	10.40	15.57	20.47	24.76	134.51
MEAN	0.160	0.243	0.326	0.515	0.725	1.037	1.280	1.916	2.519	3.047	17.526
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.376	1.322	1.709	1.923	1.039	0.594	0.812	0.724	1.624	1.338	0.885
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.420 ; INTERCEPT (TIME=1 HOUR) =0.708 ; COEFFICIENT OF DETERMINATION = 0.993
1HR INTERCEPT / MEAN YR =0.04038 ; AVERAGE CALC CV / USED CV = 0.97

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	2.526	6.046	7.318	7.807	3.748	2.766	3.838	4.540	9.466	6.704	4.360
N	26	26	27	27	32	32	32	32	32	32	33
RECORD YEAR	1958	1958	1958	1958	1958	1945	1945	1943	1943	1943	1941
RECORD MAXIMUM	0.310	0.620	0.930	1.550	1.580	1.990	2.620	3.840	6.050	7.340	41.480
NORMILIZED MAX	2.082	3.218	3.452	3.509	2.683	2.378	2.780	2.981	3.870	3.496	2.969
CALC. COEF. VAR	0.448	0.481	0.537	0.572	0.439	0.387	0.377	0.337	0.362	0.403	0.460
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0092	0.0139	0.0186	0.0294	0.0414	0.0591	0.0730	0.1093	0.1437	0.1739	1.0000
RP10/A	0.0150	0.0227	0.0304	0.0481	0.0677	0.0968	0.1195	0.1789	0.2352	0.2845	1.5965
RP25/A	0.0183	0.0278	0.0372	0.0588	0.0828	0.1184	0.1461	0.2188	0.2877	0.3480	1.9290
RP50/A	0.0207	0.0315	0.0422	0.0666	0.0938	0.1341	0.1655	0.2478	0.3258	0.3941	2.1687
RP100/A	0.0231	0.0351	0.0470	0.0742	0.1045	0.1494	0.1844	0.2761	0.3630	0.4391	2.4015
RP1000/A	0.0307	0.0466	0.0624	0.0986	0.1387	0.1984	0.2449	0.3666	0.4821	0.5832	3.1426
RP10000/A	0.0380	0.0577	0.0772	0.1221	0.1718	0.2457	0.3033	0.4541	0.5971	0.7223	3.8536
PMP/A	0.0744	0.1129	0.1511	0.2388	0.3361	0.4805	0.5933	0.8882	1.1678	1.4128	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T15 7905 20	SANTA BARBARA FCD	100		04N	27W		5	34.417	119.700	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1966	0.23	0.32	0.41	0.60	1.04	1.48	1.68	2.81	3.34	3.81	13.86
1967	0.32	0.39	0.43	0.61	1.14	2.06	2.70	3.62	4.63	5.00	22.04
1968	0.17	0.27	0.29	0.47	0.53	0.76	0.97	1.66	2.75	2.95	12.31
1969	0.15	0.24	0.30	0.55	0.75	1.11	1.33	2.15	3.41	4.14	28.37
1970	0.16	0.25	0.30	0.46	0.56	0.70	0.98	1.40	1.60	1.96	10.39
1971	0.20	0.25	0.25	0.38	0.52	0.69	0.92	1.59	2.61	2.67	12.85
1972	0.11	0.15	0.17	0.26	0.36	0.59	0.78	1.36	1.76	1.76	6.93
1973	0.28	0.34	0.39	0.46	0.72	1.19	1.65	2.31	2.75	2.75	23.35
1974	0.19	0.33	0.38	0.50	0.73	0.90	1.02	1.40	1.80	2.28	16.71
1975	0.12	0.23	0.30	0.52	0.90	1.50	1.95	3.17	4.11	4.75	18.05

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T15 7905 20	SANTA BARBARA FCD	100		04N	27W		5	34.417	119.700	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.17	0.25	0.29	0.43	0.65	0.99	1.26	1.93	2.59	2.89	15.05
5	0.26	0.37	0.43	0.65	0.97	1.47	1.88	2.88	3.96	4.30	21.86
10	0.32	0.45	0.53	0.79	1.19	1.80	2.29	3.51	4.71	5.25	26.32
20	0.37	0.53	0.62	0.92	1.39	2.10	2.68	4.11	5.51	6.14	30.50
25	0.39	0.55	0.64	0.96	1.45	2.20	2.80	4.30	5.76	6.42	31.80
40	0.42	0.60	0.70	1.05	1.58	2.40	3.05	4.68	6.28	7.00	34.50
50	0.44	0.63	0.73	1.09	1.64	2.49	3.17	4.87	6.52	7.27	35.75
100	0.49	0.70	0.81	1.21	1.83	2.77	3.53	5.42	7.26	8.10	39.59
200	0.54	0.77	0.89	1.34	2.01	3.05	3.88	5.97	7.99	8.91	43.34
1000	0.65	0.93	1.08	1.61	2.43	3.68	4.69	7.20	9.65	10.76	51.81
10000	0.80	1.15	1.34	2.00	3.01	4.56	5.81	8.92	11.95	13.32	63.53
PMP	1.57	2.25	2.62	3.91	5.89	8.92	11.36	17.44	23.37	26.06	126.53
MEAN	0.193	0.277	0.322	0.481	0.725	1.098	1.398	2.147	2.876	3.207	16.486
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.759	-0.137	-0.401	-0.938	0.365	0.948	1.187	0.760	0.373	0.405	0.461
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.443 ; INTERCEPT (TIME=1 HOUR) =0.736 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.04464 ; AVERAGE CALC CV / USED CV = 0.68

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	3.860	4.055	3.758	5.060	3.384	4.264	4.933	3.232	3.291	2.787	3.568
N	10	10	10	10	10	10	10	10	10	10	10
RECORD YEAR	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1969
RECORD MAXIMUM	0.320	0.390	0.430	0.610	1.140	2.060	2.700	3.620	4.630	5.000	28.370
NORMILIZED MAX	1.886	1.682	1.343	1.239	1.689	2.052	2.164	1.809	1.732	1.559	1.811
CALC. COEF. VAR	0.349	0.248	0.250	0.216	0.339	0.427	0.430	0.379	0.352	0.359	0.398
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0117	0.0168	0.0195	0.0292	0.0440	0.0666	0.0848	0.1302	0.1745	0.1945	1.0000
RP10/A	0.0192	0.0275	0.0320	0.0477	0.0719	0.1090	0.1387	0.2131	0.2854	0.3183	1.5965
RP25/A	0.0234	0.0336	0.0391	0.0584	0.0880	0.1333	0.1697	0.2606	0.3491	0.3893	1.9290
RP50/A	0.0265	0.0381	0.0443	0.0661	0.0997	0.1510	0.1922	0.2952	0.3954	0.4409	2.1687
RP100/A	0.0296	0.0424	0.0493	0.0737	0.1111	0.1682	0.2141	0.3289	0.4405	0.4912	2.4015
RP1000/A	0.0393	0.0564	0.0655	0.0979	0.1475	0.2234	0.2844	0.4368	0.5851	0.6524	3.1426
RP10000/A	0.0486	0.0698	0.0811	0.1212	0.1827	0.2767	0.3522	0.5410	0.7247	0.8081	3.8536
PMP/A	0.0951	0.1365	0.1587	0.2371	0.3573	0.5411	0.6890	1.0581	1.4174	1.5805	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. 8SN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T15 7905 30	SANTA BARBARA CO RD LAB	200						34.450	119.767	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1967	0.21	0.34	0.39	0.70	1.22	2.15	2.71	3.57	4.25	4.25	21.53
1968	0.32	0.50	0.59	0.79	1.05	1.10	1.25	1.52	2.39	2.60	13.23
1969	0.22	0.32	0.37	0.46	0.78	1.08	1.41	1.82	2.99	3.64	27.94
1970	0.25	0.31	0.32	0.38	0.49	0.53	0.85	1.25	1.78	2.30	11.60
1971	0.14	0.24	0.33	0.62	1.02	1.57	1.82	2.36	3.28	3.88	13.52
1972	0.08	0.12	0.16	0.23	0.38	0.62	0.86	1.63	2.15	2.15	7.88
1973	0.30	0.40	0.48	0.72	1.18	1.42	1.73	2.58	3.18	3.26	26.30
1974	0.17	0.25	0.33	0.39	0.66	0.97	1.11	1.44	1.84	3.05	16.02
1975	0.32	0.35	0.36	0.63	1.26	2.52	2.90	4.34	5.67	5.90	20.53

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 8SN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T15 7905 30	SANTA BARBARA CO RD LAB	200						34.450	119.767	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.20	0.28	0.33	0.49	0.80	1.20	1.46	2.05	2.75	3.10	16.09
5	0.30	0.42	0.50	0.73	1.20	1.78	2.18	3.06	4.10	4.63	23.36
10	0.37	0.51	0.61	0.89	1.46	2.17	2.66	3.73	5.00	5.64	28.13
20	0.43	0.60	0.71	1.05	1.71	2.54	3.11	4.36	5.86	6.60	32.59
25	0.45	0.63	0.74	1.09	1.79	2.66	3.26	4.56	6.12	6.90	33.98
40	0.49	0.69	0.81	1.19	1.96	2.90	3.55	4.97	6.67	7.52	36.86
50	0.51	0.71	0.84	1.24	2.02	3.01	3.69	5.17	6.93	7.81	38.21
100	0.56	0.79	0.93	1.38	2.26	3.36	4.11	5.75	7.72	8.71	42.31
200	0.62	0.87	1.03	1.52	2.48	3.69	4.52	6.33	8.50	9.58	46.31
1000	0.75	1.05	1.24	1.83	3.00	4.46	5.46	7.64	10.26	11.56	55.36
10000	0.93	1.31	1.54	2.27	3.71	5.52	6.76	9.47	12.71	14.32	67.89
PMP	1.81	2.55	3.01	4.44	7.26	10.80	13.22	18.52	24.85	28.01	135.21
MEAN	0.223	0.314	0.370	0.547	0.893	1.329	1.627	2.279	3.059	3.448	17.617
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	-0.387	-0.126	0.244	-0.398	-0.465	0.719	0.850	1.141	1.169	1.125	0.271
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.430 ; INTERCEPT (TIME=1 HOUR) =0.867 ; COEFFICIENT OF DETERMINATION = 0.993
1HR INTERCEPT / MEAN YR =0.04924 ; AVERAGE CALC CV / USED CV = 0.81

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	3.410	5.040	5.587	3.134	2.857	3.876	3.682	4.399	5.191	5.525	3.100
N	9	9	9	9	9	9	9	9	9	9	9
RECORD YEAR	1968	1968	1968	1968	1975	1975	1975	1975	1975	1975	1969
RECORD MAXIMUM	0.320	0.500	0.590	0.790	1.260	2.520	2.900	4.340	5.670	5.900	27.940
NORMILIZED MAX	1.157	1.738	1.869	1.289	1.120	1.790	1.700	1.945	2.072	2.111	1.507
CALC. COEF. VAR	0.374	0.340	0.318	0.345	0.366	0.501	0.461	0.465	0.412	0.337	0.389
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0127	0.0178	0.0210	0.0310	0.0507	0.0754	0.0923	0.1294	0.1736	0.1957	1.0000
RP10/A	0.0207	0.0292	0.0344	0.0508	0.0830	0.1234	0.1511	0.2116	0.2841	0.3202	1.5965
RP25/A	0.0254	0.0357	0.0420	0.0621	0.1015	0.1510	0.1848	0.2589	0.3475	0.3917	1.9290
RP50/A	0.0287	0.0405	0.0476	0.0703	0.1149	0.1710	0.2093	0.2932	0.3936	0.4436	2.1687
RP100/A	0.0320	0.0451	0.0530	0.0784	0.1281	0.1905	0.2332	0.3267	0.4385	0.4942	2.4015
RP1000/A	0.0425	0.0599	0.0704	0.1041	0.1701	0.2530	0.3097	0.4339	0.5824	0.6564	3.1426
RP10000/A	0.0527	0.0741	0.0872	0.1289	0.2106	0.3133	0.3836	0.5373	0.7213	0.8130	3.8536
PMP/A	0.1030	0.1450	0.1706	0.2521	0.4120	0.6129	0.7502	1.0510	1.4108	1.5902	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T15 B49B 30	STANWOOD OR FIRE STA	700						34.450	119.683	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1955	0.28	0.34	0.35	0.50	0.60	0.77	0.98	1.46	1.65	2.28	18.42
1956	0.13	0.17	0.21	0.35	0.58	0.87	1.02	1.67	2.66	4.71	20.70
1957	0.13	0.16	0.28	0.38	0.58	0.88	0.99	1.64	2.50	2.99	12.94
1958	0.50	0.80	1.08	1.21	1.36	1.52	1.56	2.37	2.70	2.99	29.97
1959	0.12	0.20	0.27	0.42	0.56	0.93	1.44	2.19	2.74	2.75	9.25
1961	0.11	0.15	0.23	0.30	0.55	0.92	1.00	1.20	1.66	1.94	9.15
1962	0.20	0.28	0.37	0.52	0.93	1.50	2.19	2.67	3.14	4.21	24.81
1965	0.20	0.33	0.40	0.48	0.71	1.00	1.32	1.76	2.24	3.30	17.27
1966	0.13	0.22	0.32	0.50	0.85	1.10	1.32	2.24	2.87	3.34	16.09
1967	0.16	0.30	0.40	0.57	0.93	1.76	2.36	3.26	4.36	4.59	23.22
1968	0.20	0.29	0.37	0.39	0.50	0.75	1.00	1.71	3.13	3.45	14.55
1969	0.16	0.26	0.34	0.57	0.80	1.32	1.55	2.65	4.62	5.64	33.90
1970	0.13	0.21	0.27	0.36	0.66	0.92	1.11	1.36	2.01	2.28	12.54
1971	0.27	0.39	0.49	0.62	0.73	0.96	1.33	2.11	3.16	3.29	14.05
1972	0.17	0.20	0.22	0.33	0.44	0.58	0.76	0.96	1.41	1.41	10.71
1973	0.33	0.50	0.60	0.68	0.76	1.33	1.69	2.73	3.48	3.54	28.21
1974	0.23	0.32	0.48	0.69	0.89	1.12	1.34	1.69	2.00	3.18	18.35
1975	0.20	0.27	0.36	0.59	1.00	1.79	2.41	3.82	5.49	5.89	22.48

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T15 B49B 30	STANWOOD OR FIRE STA	700						34.450	119.683	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.18	0.27	0.35	0.47	0.67	1.00	1.27	1.87	2.59	3.09	17.08
5	0.27	0.40	0.52	0.71	1.00	1.49	1.89	2.79	3.86	4.60	24.80
10	0.33	0.49	0.64	0.86	1.22	1.82	2.31	3.41	4.71	5.62	29.86
20	0.39	0.57	0.75	1.01	1.43	2.13	2.70	3.99	5.51	6.57	34.59
25	0.41	0.60	0.78	1.05	1.49	2.23	2.82	4.17	5.76	6.87	36.07
40	0.44	0.65	0.85	1.15	1.63	2.43	3.08	4.54	6.28	7.49	39.13
50	0.46	0.68	0.89	1.19	1.69	2.52	3.19	4.72	6.52	7.78	40.56
100	0.51	0.76	0.99	1.33	1.88	2.81	3.56	5.26	7.27	8.67	44.91
200	0.56	0.83	1.09	1.46	2.07	3.09	3.92	5.79	8.00	9.54	49.16
1000	0.68	1.00	1.31	1.76	2.50	3.73	4.73	6.99	9.65	11.51	58.77
10000	0.84	1.24	1.62	2.18	3.10	4.62	5.85	8.65	11.95	14.26	72.06
PMP	1.65	2.43	3.18	4.27	6.06	9.04	11.45	16.92	23.38	27.89	143.53
MEAN	0.203	0.299	0.391	0.526	0.746	1.112	1.409	2.083	2.878	3.432	18.701
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.936	2.274	2.640	2.154	1.135	0.681	0.985	0.739	0.945	0.559	0.586
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.470 ; INTERCEPT (TIME=1 HOUR) =0.773 ; COEFFICIENT OF DETERMINATION = 0.998
IHR INTERCEPT / MEAN YR =0.04131 ; AVERAGE CALC CV / USED CV = 0.86

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	7.771	9.576	11.543	9.592	5.200	3.008	3.585	3.743	4.104	3.479	3.011
N	18	18	18	18	18	18	18	18	18	18	18
RECORD YEAR	1958	1958	1958	1958	1958	1975	1975	1975	1975	1975	1969
RECORD MAXIMUM	0.500	0.800	1.080	1.210	1.360	1.790	2.410	3.820	5.490	5.890	33.900
NORMALIZED MAX	3.091	3.273	3.452	3.285	2.735	1.941	2.057	2.346	2.411	2.050	2.103
CALC. COEF. VAR	0.474	0.511	0.510	0.396	0.301	0.314	0.345	0.356	0.376	0.349	0.386
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0108	0.0160	0.0209	0.0281	0.0399	0.0595	0.0754	0.1114	0.1539	0.1835	1.0000
RP10/A	0.0177	0.0262	0.0342	0.0460	0.0653	0.0973	0.1233	0.1822	0.2518	0.3003	1.5965
RP25/A	0.0217	0.0320	0.0419	0.0562	0.0799	0.1190	0.1508	0.2229	0.3080	0.3673	1.9290
RP50/A	0.0246	0.0363	0.0474	0.0637	0.0904	0.1348	0.1708	0.2524	0.3488	0.4160	2.1687
RP100/A	0.0274	0.0404	0.0528	0.0710	0.1008	0.1502	0.1903	0.2812	0.3886	0.4635	2.4015
RP1000/A	0.0364	0.0537	0.0701	0.0943	0.1338	0.1995	0.2528	0.3735	0.5161	0.6156	3.1426
RP10000/A	0.0450	0.0665	0.0869	0.1167	0.1657	0.2471	0.3131	0.4626	0.6392	0.7624	3.8536
PMP/A	0.0881	0.1301	0.1699	0.2283	0.3242	0.4832	0.6124	0.9049	1.2503	1.4912	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T15 861B 10	STURCHER RES	120						34.433	119.883	SANTA BARBARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1971	0.21	0.29	0.33	0.45	0.76	1.15	1.42	1.83	2.59	3.14	12.62
1972	0.08	0.15	0.21	0.33	0.41	0.73	0.95	1.45	1.87	2.00	6.69
1973	0.75	0.96	1.24	1.68	1.51	1.79	2.04	2.85	3.53	3.53	26.22
1974	0.25	0.40	0.54	0.85	1.33	1.61	1.81	2.26	2.33	3.19	18.18
1975	0.17	0.24	0.30	0.55	1.05	2.08	2.65	3.91	4.37	4.37	19.61

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T15 861B 10	STURCHER RES	120						34.433	119.883	SANTA BARBARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.26	0.37	0.47	0.66	0.91	1.32	1.60	2.21	2.64	2.92	15.22
5	0.39	0.55	0.70	0.98	1.36	1.97	2.38	3.30	3.94	4.35	22.10
10	0.48	0.67	0.86	1.20	1.66	2.41	2.90	4.02	4.81	5.31	26.60
20	0.56	0.78	1.00	1.40	1.94	2.82	3.40	4.71	5.62	6.21	30.83
25	0.58	0.82	1.05	1.47	2.03	2.95	3.55	4.92	5.88	6.50	32.14
40	0.64	0.89	1.14	1.60	2.21	3.21	3.87	5.37	6.41	7.08	34.87
50	0.66	0.92	1.19	1.66	2.29	3.34	4.02	5.58	6.66	7.36	36.14
100	0.74	1.03	1.32	1.85	2.56	3.72	4.48	6.21	7.42	8.20	40.02
200	0.81	1.13	1.46	2.03	2.81	4.09	4.93	6.84	8.16	9.02	43.81
1000	0.98	1.37	1.76	2.46	3.39	4.94	5.95	8.25	9.85	10.89	52.37
10000	1.21	1.69	2.18	3.04	4.20	6.11	7.37	10.22	12.20	13.48	64.22
PMP	2.37	3.31	4.26	5.95	8.22	11.96	14.41	19.99	23.87	26.37	127.90
MEAN	0.292	0.408	0.524	0.732	1.012	1.472	1.774	2.460	2.938	3.246	16.664
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.912	1.813	1.810	1.395	-0.382	-0.497	0.138	0.848	0.683	-0.331	-0.162
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.495 ; INTERCEPT (TIME=1 HOUR) =1.027 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.06165 ; AVERAGE CALC CV / USED CV = 1.29

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	9.977	9.580	9.422	8.043	5.725	5.871	6.604	6.828	5.925	7.893	6.509
N	5	5	5	5	5	5	5	5	5	5	5
RECORD YEAR	1972	1973	1973	1973	1973	1975	1975	1975	1975	1975	1973
RECORD MAXIMUM	0.750	0.960	1.240	1.680	1.510	2.080	2.650	3.910	4.370	4.370	26.220
NORMILIZED MAX	1.737	1.717	1.712	1.625	1.130	1.137	1.367	1.505	1.426	1.318	1.294
CALC. COEF. VAR	0.903	0.788	0.798	0.629	0.435	0.363	0.361	0.392	0.342	0.263	0.443
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0175	0.0245	0.0314	0.0439	0.0607	0.0883	0.1065	0.1476	0.1763	0.1948	1.0000
RP10/A	0.0287	0.0401	0.0514	0.0719	0.0994	0.1445	0.1742	0.2415	0.2884	0.3187	1.5965
RP25/A	0.0351	0.0490	0.0629	0.0879	0.1215	0.1768	0.2131	0.2955	0.3529	0.3899	1.9290
RP50/A	0.0397	0.0555	0.0713	0.0996	0.1377	0.2002	0.2413	0.3346	0.3996	0.4415	2.1687
RP100/A	0.0442	0.0618	0.0794	0.1109	0.1534	0.2231	0.2688	0.3728	0.4452	0.4919	2.4015
RP1000/A	0.0588	0.0821	0.1055	0.1473	0.2037	0.2963	0.3570	0.4951	0.5913	0.6533	3.1426
RP10000/A	0.0728	0.1017	0.1306	0.1825	0.2523	0.3669	0.4422	0.6132	0.7324	0.8091	3.8536
PMP/A	0.1424	0.1989	0.2555	0.3569	0.4934	0.7177	0.8650	1.1994	1.4325	1.5827	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
010 1584 10	CASTRO VALLEY RANCH	208	24	11S	01E	A	M	36.952	122.394	SANTA CLARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1966	*****	*****	0.10	0.20	0.30	0.40	0.50	0.70	0.70	1.00	11.70
1967	*****	*****	0.20	0.30	0.50	0.80	1.20	1.80	2.60	2.60	31.10
1968	*****	*****	1.00	1.00	1.10	1.10	1.10	1.10	1.20	1.70	14.00
1969	*****	*****	0.60	0.60	0.60	1.20	1.50	1.80	2.70	4.20	29.40
1970	*****	*****	0.30	0.40	0.40	0.60	0.90	1.10	1.50	1.80	25.10
1971	*****	*****	0.20	0.20	0.30	0.40	0.60	0.80	1.00	1.00	16.70
1972	*****	*****	0.20	0.30	0.50	0.60	0.60	0.80	1.10	1.40	9.90
1973	*****	*****	0.30	0.60	1.00	1.60	1.80	2.50	3.10	4.20	32.20
1974	*****	*****	0.30	0.40	0.40	0.50	0.70	1.10	1.70	2.90	26.40

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
010 1584 10	CASTRO VALLEY RANCH	208	24	11S	01E	A	M	36.952	122.394	SANTA CLARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.35	0.43	0.55	0.78	0.96	1.27	1.69	2.25	21.35
5	0.0	0.0	0.47	0.59	0.75	1.06	1.31	1.73	2.30	3.07	27.75
10	0.0	0.0	0.54	0.68	0.87	1.22	1.51	1.99	2.65	3.54	31.38
20	0.0	0.0	0.61	0.76	0.97	1.36	1.69	2.22	2.96	3.94	34.52
25	0.0	0.0	0.62	0.78	1.00	1.41	1.74	2.29	3.05	4.06	35.46
40	0.0	0.0	0.66	0.83	1.06	1.49	1.84	2.42	3.23	4.31	37.36
50	0.0	0.0	0.68	0.85	1.08	1.53	1.89	2.48	3.31	4.42	38.22
100	0.0	0.0	0.73	0.91	1.16	1.64	2.03	2.67	3.56	4.75	40.79
200	0.0	0.0	0.78	0.97	1.24	1.75	2.16	2.84	3.79	5.06	43.21
1000	0.0	0.0	0.88	1.10	1.40	1.98	2.45	3.22	4.29	5.73	48.41
10000	0.0	0.0	1.01	1.27	1.62	2.28	2.82	3.71	4.94	6.59	55.15
PMP	0.0	0.0	2.50	3.13	3.99	5.64	6.97	9.16	12.21	16.28	130.56
MEAN	0.0	0.0	0.356	0.444	0.567	0.800	0.989	1.300	1.733	2.311	21.833
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.880	1.284	1.202	0.969	0.746	1.084	0.556	0.667	-0.211
REGIONAL SKEW	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
SKEW USED	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.588 ; INTERCEPT (TIME=1 HOUR) =0.603 ; COEFFICIENT OF DETERMINATION = 0.994
1HR INTERCEPT / MEAN YR =0.02762 ; AVERAGE CALC CV / USED CV = 1.41

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	7.257	5.909	4.266	4.098	3.654	4.448	2.925	3.215	2.368
N	0	0	9	9	9	9	9	9	9	9	9
RECORD YEAR	0	0	1968	1968	1968	1973	1973	1973	1973	1969	1973
RECORD MAXIMUM	0.0	0.0	1.000	1.000	1.100	1.600	1.800	2.500	3.100	4.200	32.200
NORMILIZED MAX	0.0	0.0	2.311	2.174	1.829	1.926	1.809	1.986	1.591	1.513	1.182
CALC. COEF. VAR	0.0	0.0	0.784	0.575	0.514	0.519	0.453	0.465	0.495	0.540	0.402
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0163	0.0204	0.0260	0.0366	0.0453	0.0595	0.0794	0.1059	1.0000
RP10/A	0.0	0.0	0.0249	0.0312	0.0397	0.0561	0.0693	0.0911	0.1215	0.1620	1.4371
RP25/A	0.0	0.0	0.0286	0.0358	0.0456	0.0644	0.0796	0.1047	0.1396	0.1861	1.6243
RP50/A	0.0	0.0	0.0311	0.0389	0.0496	0.0700	0.0866	0.1138	0.1517	0.2023	1.7508
RP100/A	0.0	0.0	0.0334	0.0418	0.0533	0.0753	0.0930	0.1223	0.1631	0.2174	1.8683
RP1000/A	0.0	0.0	0.0403	0.0504	0.0643	0.0908	0.1122	0.1475	0.1967	0.2622	2.2171
RP10000/A	0.0	0.0	0.0465	0.0581	0.0740	0.1045	0.1292	0.1698	0.2265	0.3019	2.5262
PMP/A	0.0	0.0	0.1147	0.1434	0.1828	0.2581	0.3191	0.4195	0.5593	0.7457	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
010 2232 10	CURTNER RANCH	619	27	05S	01E	Q	M	37.467	121.868	SANTA CLARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1964	*****	*****	0.20	0.20	0.30	0.40	0.50	0.80	0.90	1.00	3.40
1966	*****	*****	0.20	0.20	0.30	0.50	0.70	1.10	1.30	1.40	12.40
1967	*****	*****	0.30	0.40	0.70	1.00	1.10	1.40	2.10	3.60	22.42
1968	*****	*****	0.30	0.40	0.40	0.60	0.80	1.40	2.20	2.60	12.50
1969	*****	*****	0.40	0.60	0.80	0.90	0.90	0.90	1.30	1.60	20.10
1970	*****	*****	0.40	0.50	0.60	0.80	1.20	1.60	1.60	1.70	14.30
1971	*****	*****	0.30	0.40	0.50	0.70	0.90	1.50	2.20	2.80	18.30
1972	*****	*****	0.10	0.20	0.20	0.30	0.40	0.50	0.60	0.90	7.30
1973	*****	*****	0.20	0.40	0.50	0.70	0.80	1.20	1.30	1.80	25.50
1974	*****	*****	0.50	0.60	0.60	0.60	0.60	0.60	0.80	2.09	21.60

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
010 2232 10	CURTNER RANCH	619	27	05S	01E	Q	M	37.467	121.868	SANTA CLARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.28	0.38	0.48	0.63	0.77	1.07	1.39	1.90	15.43
5	0.0	0.0	0.39	0.52	0.65	0.86	1.05	1.46	1.90	2.59	20.06
10	0.0	0.0	0.44	0.60	0.75	0.99	1.21	1.68	2.19	2.98	22.68
20	0.0	0.0	0.49	0.67	0.84	1.11	1.35	1.88	2.44	3.32	24.95
25	0.0	0.0	0.51	0.69	0.86	1.14	1.39	1.93	2.51	3.43	25.63
40	0.0	0.0	0.54	0.73	0.91	1.21	1.47	2.05	2.66	3.63	27.01
50	0.0	0.0	0.55	0.75	0.94	1.24	1.51	2.10	2.73	3.73	27.63
100	0.0	0.0	0.60	0.80	1.01	1.34	1.62	2.26	2.94	4.00	29.49
200	0.0	0.0	0.63	0.85	1.07	1.42	1.73	2.41	3.13	4.27	31.23
1000	0.0	0.0	0.72	0.97	1.21	1.61	1.96	2.73	3.54	4.83	34.99
10000	0.0	0.0	0.83	1.11	1.40	1.85	2.25	3.14	4.08	5.56	39.87
PMP	0.0	0.0	2.04	2.75	3.45	4.58	5.57	7.75	10.07	13.73	94.38
MEAN	0.0	0.0	0.290	0.390	0.490	0.650	0.790	1.100	1.430	1.949	15.782
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.233	-0.028	0.057	0.000	0.088	-0.319	0.167	0.731	-0.429
REGIONAL SKEW	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
SKEW USED	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.606 ; INTERCEPT (TIME=1 HOUR) =0.502 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.03181 ; AVERAGE CALC CV / USED CV = 0.92

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	3.610	2.923	3.150	3.458	3.443	2.741	2.738	4.026	3.324
N	0	0	10	10	10	10	10	10	10	10	10
RECORD YEAR	0	0	1974	1969	1969	1967	1970	1970	1968	1967	1973
RECORD MAXIMUM	0.0	0.0	0.500	0.600	0.800	1.000	1.200	1.600	2.200	3.600	25.500
NORMALIZED MAX	0.0	0.0	1.754	1.378	1.621	1.611	1.631	1.296	1.316	1.958	1.379
CALC. COEF. VAR	0.0	0.0	0.413	0.391	0.390	0.334	0.318	0.351	0.409	0.433	0.447
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0184	0.0247	0.0310	0.0412	0.0501	0.0697	0.0906	0.1235	1.0000
RP10/A	0.0	0.0	0.0281	0.0378	0.0475	0.0630	0.0766	0.1067	0.1387	0.1890	1.4371
RP25/A	0.0	0.0	0.0323	0.0434	0.0546	0.0724	0.0880	0.1225	0.1593	0.2171	1.6243
RP50/A	0.0	0.0	0.0351	0.0472	0.0593	0.0787	0.0957	0.1332	0.1732	0.2360	1.7508
RP100/A	0.0	0.0	0.0377	0.0508	0.0638	0.0846	0.1028	0.1432	0.1861	0.2537	1.8683
RP1000/A	0.0	0.0	0.0455	0.0612	0.0769	0.1020	0.1240	0.1727	0.2245	0.3060	2.2171
RP10000/A	0.0	0.0	0.0524	0.0705	0.0886	0.1175	0.1428	0.1988	0.2585	0.3523	2.5262
PMP/A	0.0	0.0	0.1295	0.1741	0.2187	0.2902	0.3527	0.4910	0.6383	0.8700	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
010 3419 0	GILROY BNF	1050	29	105	05E		M	37.033	121.450	SANTA CLARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.14	0.20	0.30	0.37	0.55	0.70	0.85	1.30	1.91	2.02	31.51
1941	0.17	0.21	0.25	0.37	0.42	0.59	0.74	1.21	1.91	2.03	35.01
1942	0.11	0.16	0.17	0.26	0.42	0.71	0.92	1.30	1.54	2.27	20.99
1943	0.15	0.21	0.28	0.40	0.59	0.83	1.07	1.85	2.89	3.94	14.86
1944	*****	*****	0.35	0.55	0.66	0.67	0.77	1.29	1.74	2.41	23.84
1945	*****	*****	0.22	0.32	0.60	0.81	0.97	1.47	2.82	4.91	24.73
1946	*****	*****	0.23	0.38	0.68	1.15	1.62	2.76	3.84	4.55	15.01
1947	*****	*****	0.20	0.27	0.35	0.47	0.51	0.73	1.09	1.34	10.82
1948	*****	*****	0.23	0.30	0.46	0.50	0.61	0.80	0.90	1.71	16.83
1949	*****	*****	0.18	0.35	0.58	0.85	1.03	1.37	1.50	1.84	15.62
1950	*****	*****	0.19	0.31	0.45	0.80	1.14	1.68	3.23	4.85	28.47
1951	*****	*****	0.22	0.23	0.38	0.61	0.76	1.11	1.36	1.97	19.69
1952	*****	*****	0.24	0.29	0.47	0.61	0.90	1.65	2.41	2.71	27.08
1953	*****	*****	0.21	0.28	0.46	0.63	0.82	1.03	1.18	1.38	9.44
1954	*****	*****	0.22	0.37	0.45	0.66	0.76	1.03	1.35	1.37	16.22
1955	*****	*****	0.20	0.40	0.80	1.45	2.07	3.17	4.10	5.77	25.59
1956	*****	*****	0.17	0.21	0.37	0.52	0.67	1.09	1.71	1.95	14.38
1957	*****	*****	0.20	0.50	0.56	0.70	0.80	1.20	1.73	1.82	20.05
1958	*****	*****	0.27	0.40	0.53	0.86	1.00	1.74	2.25	2.79	25.59
1959	*****	*****	0.15	0.26	0.48	0.95	1.06	1.35	1.44	2.47	18.81
1960	*****	*****	0.18	0.30	0.58	1.00	1.35	1.58	2.21	2.26	17.40
1961	*****	*****	0.15	0.25	0.37	0.49	0.69	0.90	1.21	1.67	10.42
1962	*****	*****	0.27	0.39	0.58	0.86	1.17	1.59	1.87	2.20	17.44
1963	*****	*****	0.22	0.26	0.41	0.55	0.70	0.98	1.27	1.73	28.31
1964	*****	*****	0.15	0.22	0.38	0.64	0.76	0.95	1.53	2.09	19.57
1965	*****	*****	0.12	0.24	0.40	0.55	0.76	1.18	1.47	1.87	20.85
1966	*****	*****	0.16	0.25	0.45	0.60	0.69	1.06	1.38	1.82	13.94
1967	*****	*****	0.21	0.35	0.50	0.73	1.03	1.41	1.99	2.48	26.05
1968	*****	*****	0.15	0.25	0.36	0.62	0.70	0.90	1.17	1.18	14.79
1969	*****	*****	0.16	0.31	0.53	0.88	1.17	1.83	2.61	4.20	29.42
1970	*****	*****	0.21	0.35	0.47	0.60	0.80	1.20	1.75	2.40	24.53
1971	*****	*****	0.11	0.21	0.35	0.50	0.64	0.85	0.90	1.17	11.50
1972	*****	*****	0.22	0.27	0.40	0.66	0.85	1.31	1.85	2.56	14.20
1973	*****	*****	*****	*****	0.32	0.57	0.67	1.13	1.25	1.87	26.86
1974	*****	*****	*****	*****	0.34	0.59	0.65	0.85	1.56	2.22	19.30

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
010 3419 0	GILROY BNF	1050	29	105	05E		M	37.033	121.450	SANTA CLARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.19	0.21	0.31	0.46	0.69	0.88	1.30	1.81	2.39	19.82
5	0.19	0.26	0.29	0.42	0.63	0.94	1.20	1.78	2.47	3.26	25.76
10	0.22	0.30	0.33	0.49	0.73	1.08	1.39	2.05	2.84	3.75	29.13
20	0.24	0.33	0.37	0.54	0.81	1.21	1.54	2.28	3.16	4.18	32.04
25	0.25	0.34	0.38	0.56	0.84	1.25	1.59	2.35	3.26	4.31	32.92
40	0.27	0.36	0.40	0.59	0.89	1.32	1.69	2.49	3.46	4.57	34.68
50	0.27	0.37	0.41	0.61	0.91	1.35	1.73	2.56	3.55	4.69	35.48
100	0.29	0.40	0.44	0.65	0.98	1.46	1.86	2.75	3.81	5.04	37.86
200	0.31	0.43	0.47	0.69	1.04	1.55	1.98	2.93	4.06	5.37	40.11
1000	0.35	0.48	0.53	0.79	1.18	1.76	2.24	3.32	4.60	6.07	44.93
10000	0.41	0.56	0.61	0.91	1.36	2.02	2.58	3.82	5.29	6.99	51.20
PMP	1.00	1.37	1.51	2.24	3.36	4.99	6.38	9.43	13.07	17.27	121.19
MEAN	0.142	0.195	0.215	0.317	0.477	0.709	0.906	1.339	1.855	2.452	20.266
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	-0.560	-1.779	1.996	0.988	0.878	1.807	2.046	2.025	1.401	1.420	0.301
REGIONAL SKEW	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
SKEW USED	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.477 ; INTERCEPT (TIME=1 HOUR) =0.485 ; COEFFICIENT OF DETERMINATION = 0.991
1HR INTERCEPT / MEAN YR =0.02393 ; AVERAGE CALC CV / USED CV = 0.62

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	11.542	13.307	9.512	4.264	3.850	7.613	8.575	8.315	4.921	4.762	2.495
N	4	4	33	33	35	35	35	35	35	35	35
RECORD YEAR	1941	1941	1957	1944	1955	1955	1955	1955	1955	1955	1941
RECORD MAXIMUM	0.170	0.210	0.500	0.550	0.800	1.450	2.070	3.170	4.100	5.770	35.010
NORMILIZED MAX	1.100	0.630	3.912	2.903	2.926	3.690	3.802	3.618	2.924	2.910	2.263
CALC. COEF. VAR	0.175	0.122	0.339	0.253	0.231	0.283	0.338	0.378	0.414	0.465	0.321
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0070	0.0096	0.0106	0.0157	0.0235	0.0350	0.0447	0.0660	0.0915	0.1210	1.0000
RP10/A	0.0108	0.0147	0.0162	0.0240	0.0360	0.0535	0.0684	0.1011	0.1401	0.1852	1.4371
RP25/A	0.0124	0.0169	0.0186	0.0275	0.0414	0.0615	0.0786	0.1161	0.1609	0.2127	1.6243
RP50/A	0.0134	0.0184	0.0203	0.0299	0.0450	0.0669	0.0854	0.1262	0.1749	0.2312	1.7508
RP100/A	0.0144	0.0198	0.0218	0.0322	0.0484	0.0718	0.0918	0.1357	0.1880	0.2486	1.8683
RP1000/A	0.0174	0.0238	0.0263	0.0388	0.0583	0.0867	0.1107	0.1636	0.2267	0.2997	2.2171
RP10000/A	0.0201	0.0274	0.0302	0.0447	0.0672	0.0998	0.1275	0.1884	0.2611	0.3451	2.5262
PMP/A	0.0495	0.0678	0.0747	0.1103	0.1659	0.2464	0.3148	0.4653	0.6448	0.8524	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
010 5846 0	MORGAN HILL 6 WSW	640	03	10S	02E	C	M	37.094	121.742	SANTA CLARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1945	0.20	0.24	0.27	0.44	0.79	1.33	1.83	2.99	5.56	10.16	44.70
1946	0.09	0.15	0.20	0.34	0.65	1.23	1.60	2.79	4.79	5.79	19.80
1947	0.11	0.16	0.23	0.37	0.67	1.04	1.18	1.28	1.57	1.85	16.51
1948	0.11	0.15	0.21	0.36	0.66	1.06	1.23	1.71	1.89	3.09	24.70
1949	0.06	0.11	0.15	0.23	0.41	0.73	1.06	1.44	2.13	2.67	10.17
1950	0.23	0.40	0.40	0.48	0.58	1.04	1.44	1.91	2.87	3.43	31.07
1951	0.17	0.23	0.24	0.35	0.51	0.76	1.00	1.37	1.81	2.42	22.28
1952	0.20	0.27	0.38	0.55	0.79	1.44	1.98	2.76	3.92	4.69	35.39
1953	*****	*****	0.16	0.25	0.45	0.84	1.02	1.69	1.85	2.17	13.68
1954	*****	*****	0.25	0.40	0.78	1.26	1.70	2.51	3.29	3.84	26.69
1955	*****	*****	0.32	0.42	0.67	1.04	1.79	3.17	4.33	7.90	34.81
1956	*****	*****	0.15	0.24	0.44	0.71	0.96	1.40	1.76	1.97	16.04
1957	*****	*****	0.19	0.33	0.56	0.96	1.35	2.18	2.90	3.25	24.77
1958	*****	*****	0.28	0.55	0.85	1.55	2.20	3.49	3.64	4.38	37.73
1959	*****	*****	0.24	0.36	0.58	1.12	1.65	2.68	2.88	4.73	27.02
1960	*****	*****	0.95	0.96	0.96	0.96	1.18	1.79	2.27	2.35	21.00
1961	*****	*****	0.14	0.23	0.30	0.49	0.60	0.86	1.40	1.75	12.50
1962	*****	*****	0.39	0.58	1.04	1.48	2.06	2.97	4.85	7.60	35.67
1963	*****	*****	0.22	0.42	0.70	1.39	2.03	3.08	5.00	7.98	35.83
1964	*****	*****	0.45	0.50	0.72	1.41	1.85	2.61	2.95	3.79	22.79
1965	*****	*****	0.14	0.20	0.40	0.75	1.06	1.44	1.94	2.26	26.29
1966	*****	*****	0.15	0.24	0.29	0.50	0.70	1.23	1.65	2.12	17.42
1967	*****	*****	0.18	0.36	0.65	1.00	1.39	2.46	3.38	3.77	32.16
1968	*****	*****	0.27	0.38	0.72	1.25	1.40	2.10	3.24	4.14	23.00
1969	*****	*****	0.37	0.68	1.04	1.34	1.53	2.32	4.06	6.19	52.16
1970	*****	*****	0.50	0.77	0.97	1.00	1.40	2.05	2.18	3.90	40.58
1971	*****	*****	0.26	0.35	0.48	0.76	0.95	1.58	2.10	3.10	18.88
1972	*****	*****	0.30	0.40	0.54	0.60	0.85	1.64	2.21	3.06	******
1973	*****	*****	*****	*****	0.73	1.13	1.55	2.65	3.25	4.15	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
010 5846 0	MORGAN HILL 6 WSW	640	03	10S	02E	C	M	37.094	121.742	SANTA CLARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.21	0.28	0.41	0.63	1.01	1.36	2.09	2.87	3.98	26.21
5	0.19	0.28	0.38	0.56	0.87	1.38	1.86	2.85	3.93	5.43	34.07
10	0.22	0.33	0.44	0.65	1.00	1.59	2.14	3.28	4.52	6.25	38.52
20	0.25	0.36	0.49	0.72	1.11	1.77	2.38	3.65	5.04	6.97	42.38
25	0.26	0.38	0.50	0.74	1.14	1.83	2.46	3.77	5.19	7.18	43.53
40	0.27	0.40	0.53	0.79	1.21	1.94	2.60	3.99	5.50	7.61	45.86
50	0.28	0.41	0.55	0.81	1.24	1.99	2.67	4.10	5.65	7.81	46.92
100	0.30	0.44	0.59	0.87	1.34	2.14	2.87	4.40	6.07	8.39	50.07
200	0.32	0.47	0.62	0.92	1.42	2.28	3.06	4.69	6.46	8.96	53.04
1000	0.36	0.53	0.71	1.05	1.61	2.58	3.46	5.31	7.32	10.12	59.42
10000	0.42	0.61	0.81	1.21	1.86	2.97	3.99	6.11	8.43	11.66	67.70
PMP	1.03	1.51	2.01	2.98	4.59	7.33	9.85	15.10	20.81	28.79	160.27
MEAN	0.146	0.214	0.285	0.422	0.651	1.040	1.398	2.143	2.954	4.086	26.801
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	-0.003	1.152	2.701	1.349	0.167	-0.145	0.070	0.101	0.647	1.323	0.545
REGIONAL SKEW	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
SKEW USED	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.372 ; INTERCEPT (TIME=1 HOUR) =0.673 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.02513 ; AVERAGE CALC CV / USED CV = 0.97

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	2.852	5.578	12.744	5.362	2.855	2.408	2.452	2.224	2.678	4.543	3.169
N	8	8	28	28	29	29	29	29	29	29	27
RECORD YEAR	1950	1950	1960	1960	1962	1958	1958	1958	1945	1945	1969
RECORD MAXIMUM	0.230	0.400	0.950	0.960	1.040	1.550	2.200	3.490	5.560	10.160	52.160
NORMALIZED MAX	1.359	2.002	4.080	3.069	1.942	1.712	1.884	1.940	2.233	2.873	2.450
CALC. COEF. VAR	0.421	0.435	0.571	0.415	0.308	0.286	0.305	0.324	0.395	0.517	0.386
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0055	0.0080	0.0106	0.0158	0.0243	0.0388	0.0522	0.0800	0.1102	0.1525	1.0000
RP10/A	0.0084	0.0122	0.0163	0.0241	0.0372	0.0594	0.0798	0.1224	0.1687	0.2334	1.4371
RP25/A	0.0096	0.0140	0.0187	0.0277	0.0427	0.0682	0.0917	0.1406	0.1937	0.2680	1.6243
RP50/A	0.0104	0.0152	0.0203	0.0301	0.0464	0.0742	0.0997	0.1528	0.2107	0.2914	1.7508
RP100/A	0.0112	0.0164	0.0219	0.0324	0.0499	0.0797	0.1071	0.1642	0.2264	0.3132	1.8683
RP1000/A	0.0135	0.0198	0.0264	0.0391	0.0602	0.0962	0.1292	0.1981	0.2731	0.3777	2.2171
RP10000/A	0.0156	0.0227	0.0304	0.0450	0.0693	0.1107	0.1488	0.2281	0.3144	0.4349	2.5262
PMP/A	0.0384	0.0562	0.0750	0.1111	0.1711	0.2735	0.3675	0.5633	0.7765	1.0741	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	BHM	LATITUDE	LONGITUDE	COUNTY
010 5847	0	MORGANHILL BOSSANA	770	17	09S	02E		M	37.150	121.783	SANTA CLARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1945	*****	*****	*****	*****	0.79	1.33	1.83	2.99	5.56	10.16	44.70
1946	*****	*****	*****	*****	0.65	1.23	1.60	2.79	4.79	5.79	19.80
1947	*****	*****	*****	*****	0.61	1.04	1.18	1.28	1.57	1.85	16.51
1948	*****	*****	*****	*****	0.59	0.92	1.23	1.71	1.89	3.09	24.70
1949	*****	*****	*****	*****	0.41	0.64	0.88	1.44	2.13	2.67	10.17
1950	*****	*****	*****	*****	0.58	1.04	1.44	1.91	2.87	3.43	31.07
1951	*****	*****	*****	*****	0.43	*****	*****	1.37	*****	2.42	22.28
1952	*****	*****	*****	*****	0.65	*****	*****	2.67	*****	4.69	35.39
1953	*****	*****	*****	*****	0.45	*****	*****	1.69	*****	2.17	13.68
1954	*****	*****	*****	*****	0.78	*****	*****	2.51	*****	3.84	26.69
1955	*****	*****	*****	*****	0.67	*****	*****	3.17	*****	7.90	34.81
1956	*****	*****	*****	*****	0.35	*****	*****	1.40	*****	1.97	16.04
1957	*****	*****	*****	*****	0.56	0.96	1.35	2.18	2.90	3.25	24.77
1958	*****	*****	*****	*****	0.85	1.55	2.20	3.49	3.64	4.38	37.73
1959	*****	*****	*****	*****	0.58	1.12	1.65	2.68	2.88	4.73	27.02
1965	*****	*****	*****	*****	0.40	0.75	1.06	1.44	1.94	2.26	26.29
1966	*****	*****	*****	*****	0.29	0.50	0.70	1.23	1.65	2.12	17.42
1967	*****	*****	*****	*****	0.65	1.00	1.39	2.46	3.38	3.77	32.16
1968	*****	*****	*****	*****	0.65	1.25	1.40	2.10	3.24	4.14	******
1969	*****	*****	*****	*****	1.04	1.25	1.53	2.32	4.06	6.19	52.16
1970	*****	*****	*****	*****	0.85	1.00	1.40	2.05	2.18	3.90	40.58

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	BHM	LATITUDE	LONGITUDE	COUNTY
010 5847	0	MORGANHILL BOSSANA	770	17	09S	02E		M	37.150	121.783	SANTA CLARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.59	1.01	1.35	2.08	2.90	3.93	27.09
5	0.0	0.0	0.0	0.0	0.81	1.38	1.85	2.84	3.96	5.36	35.21
10	0.0	0.0	0.0	0.0	0.94	1.59	2.13	3.27	4.56	6.18	39.81
20	0.0	0.0	0.0	0.0	1.04	1.77	2.37	3.64	5.08	6.88	43.80
25	0.0	0.0	0.0	0.0	1.07	1.83	2.44	3.76	5.24	7.09	44.99
40	0.0	0.0	0.0	0.0	1.14	1.94	2.59	3.98	5.55	7.52	47.40
50	0.0	0.0	0.0	0.0	1.17	1.99	2.66	4.08	5.69	7.71	48.49
100	0.0	0.0	0.0	0.0	1.25	2.13	2.85	4.39	6.12	8.29	51.75
200	0.0	0.0	0.0	0.0	1.34	2.27	3.04	4.68	6.52	8.83	54.82
1000	0.0	0.0	0.0	0.0	1.51	2.57	3.44	5.29	7.38	9.99	61.41
10000	0.0	0.0	0.0	0.0	1.74	2.96	3.96	6.10	8.50	11.51	69.97
PMP	0.0	0.0	0.0	0.0	4.30	7.32	9.79	15.06	20.98	28.42	165.64
MEAN	0.0	0.0	0.0	0.0	0.611	1.039	1.389	2.137	2.979	4.034	27.698
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	0.335	-0.251	0.230	0.328	0.828	1.565	0.477
REGIONAL SKEW	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
SKEW USED	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.250 ; INTERCEPT (TIME=1 HOUR) =0.613 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.02212 ; AVERAGE CALC CV / USED CV = 0.69

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	3.425	3.727	4.385	2.478	3.694	5.962	3.201
N	0	0	0	0	21	15	15	21	15	21	20
RECORD YEAR	0	0	0	0	1969	1958	1958	1958	1945	1945	1969
RECORD MAXIMUM	0.0	0.0	0.0	0.0	1.040	1.550	2.200	3.490	5.560	10.160	52.160
NORMILIZED MAX	0.0	0.0	0.0	0.0	2.313	1.881	2.200	2.015	2.205	2.937	2.234
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.304	0.262	0.265	0.314	0.393	0.517	0.395
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0	0.0	0.0221	0.0375	0.0502	0.0772	0.1075	0.1457	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0338	0.0574	0.0768	0.1181	0.1646	0.2229	1.4371
RP25/A	0.0	0.0	0.0	0.0	0.0388	0.0659	0.0882	0.1356	0.1890	0.2560	1.6243
RP50/A	0.0	0.0	0.0	0.0	0.0422	0.0717	0.0959	0.1475	0.2055	0.2784	1.7508
RP100/A	0.0	0.0	0.0	0.0	0.0453	0.0770	0.1030	0.1585	0.2209	0.2992	1.8683
RP1000/A	0.0	0.0	0.0	0.0	0.0546	0.0929	0.1243	0.1912	0.2664	0.3608	2.2171
RP10000/A	0.0	0.0	0.0	0.0	0.0629	0.1070	0.1431	0.2201	0.3068	0.4155	2.5262
PMP/A	0.0	0.0	0.0	0.0	0.1554	0.2642	0.3534	0.5436	0.7576	1.0261	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
010 5853 0	MORGAN HILL SCS	350	20	09S	03E		M	38.133	121.650	SANTA CLARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1946	0.05	0.09	0.12	0.20	0.37	0.72	0.95	1.63	2.68	3.33	13.74
1947	0.10	0.17	0.19	0.26	0.35	0.49	0.52	0.78	1.01	1.16	8.03
1948	0.07	0.08	0.11	0.21	0.34	0.48	0.53	0.74	1.00	1.45	14.93
1949	0.06	0.07	0.10	0.15	0.29	0.54	0.95	1.25	1.37	1.70	14.00
1950	0.15	0.19	0.27	0.36	0.37	0.68	0.98	1.49	1.94	2.81	21.63
1951	0.13	0.22	0.31	0.41	0.50	0.76	1.07	1.29	1.52	1.86	18.39
1952	0.10	0.15	0.22	0.32	0.43	0.76	1.07	1.96	2.71	3.02	26.85
1953	0.10	0.14	0.16	0.20	0.36	0.53	0.68	1.17	1.18	1.49	10.74
1954	0.10	0.14	0.18	0.26	0.50	0.85	1.19	1.66	1.98	2.15	18.49
1955	0.13	0.20	0.24	0.33	0.65	1.10	1.65	2.61	3.89	6.26	26.05
1956	0.06	0.08	0.10	0.20	0.33	0.54	0.60	0.86	1.14	1.53	12.74
1957	0.10	0.12	0.17	0.29	0.46	0.75	1.01	1.51	2.11	2.28	18.85
1958	0.21	0.26	0.34	0.53	0.77	1.28	1.70	2.56	3.67	4.18	30.10
1959	0.09	0.11	0.15	0.25	0.50	0.98	1.26	2.20	3.41	3.90	21.55
1960	0.12	0.23	0.31	0.51	0.69	0.78	1.02	1.59	1.89	1.95	17.48
1961	0.08	0.14	0.15	0.17	0.28	0.40	0.53	0.68	1.03	1.23	10.23
1962	0.17	0.22	0.24	0.38	0.75	1.12	1.46	1.96	2.65	3.94	22.59
1963	0.24	0.31	0.38	0.57	0.62	1.10	1.22	1.89	3.50	5.07	28.20
1964	0.26	0.32	0.40	0.50	0.54	1.04	1.25	1.60	1.86	2.37	18.56
1968	*****	*****	*****	*****	0.40	0.70	0.90	1.30	2.00	2.30	17.40
1969	*****	*****	*****	*****	0.80	1.20	1.20	2.00	3.70	5.70	37.30
1970	*****	*****	*****	*****	0.70	0.70	0.80	1.20	1.40	2.50	27.20
1971	*****	*****	*****	*****	0.30	0.50	0.70	1.20	1.40	1.90	13.00
1972	*****	*****	*****	*****	0.30	0.50	0.60	1.00	1.50	2.10	14.70
1973	*****	*****	0.40	0.80	0.90	1.00	1.10	1.90	2.30	2.70	32.10
1974	*****	*****	0.10	0.20	0.30	0.50	0.70	1.10	1.80	1.90	20.50

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
010 5853 0	MORGAN HILL SCS	350	20	09S	03E		M	38.133	121.650	SANTA CLARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.17	0.22	0.33	0.48	0.75	0.96	1.46	2.05	2.65	19.38
5	0.16	0.23	0.29	0.45	0.65	1.02	1.31	2.00	2.79	3.62	25.19
10	0.19	0.26	0.34	0.52	0.75	1.18	1.51	2.30	3.22	4.17	28.49
20	0.21	0.29	0.38	0.58	0.84	1.31	1.68	2.57	3.58	4.64	31.34
25	0.21	0.30	0.39	0.59	0.87	1.35	1.73	2.65	3.69	4.79	32.20
40	0.23	0.32	0.41	0.63	0.92	1.43	1.84	2.80	3.92	5.07	33.92
50	0.23	0.33	0.42	0.65	0.94	1.47	1.88	2.88	4.02	5.20	34.70
100	0.25	0.35	0.45	0.69	1.01	1.58	2.03	3.09	4.32	5.59	37.03
200	0.27	0.37	0.48	0.74	1.08	1.68	2.16	3.29	4.60	5.96	39.23
1000	0.30	0.42	0.55	0.84	1.22	1.91	2.44	3.73	5.21	6.74	43.95
10000	0.35	0.49	0.63	0.96	1.40	2.19	2.81	4.29	5.99	7.77	50.07
PMP	0.86	1.20	1.56	2.38	3.47	5.42	6.95	10.60	14.81	19.18	118.53
MEAN	0.122	0.171	0.221	0.338	0.492	0.769	0.986	1.505	2.102	2.722	19.821
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.128	0.552	0.514	1.250	0.691	0.446	0.417	0.391	0.697	1.256	0.580
REGIONAL SKEW	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
SKEW USED	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.411 ; INTERCEPT (TIME=1 HOUR) =0.506 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.02555 ; AVERAGE CALC CV / USED CV = 1.04

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.935	2.918	2.385	4.779	2.559	2.301	2.985	2.908	2.619	4.170	3.117
N	19	19	21	21	26	26	26	26	26	26	26
RECORD YEAR	1964	1964	1964	1973	1973	1958	1958	1955	1955	1955	1969
RECORD MAXIMUM	0.260	0.320	0.400	0.800	0.900	1.280	1.700	2.610	3.890	6.260	37.300
NORMILIZED MAX	2.300	1.987	1.756	2.795	2.201	1.980	2.163	2.101	1.965	2.592	2.389
CALC. COEF. VAR	0.491	0.441	0.462	0.489	0.376	0.335	0.335	0.349	0.433	0.501	0.369
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0062	0.0086	0.0111	0.0171	0.0248	0.0388	0.0498	0.0759	0.1060	0.1373	1.0000
RP10/A	0.0094	0.0132	0.0171	0.0261	0.0380	0.0594	0.0762	0.1162	0.1623	0.2102	1.4371
RP25/A	0.0108	0.0151	0.0196	0.0300	0.0437	0.0682	0.0875	0.1335	0.1864	0.2414	1.6243
RP50/A	0.0118	0.0164	0.0213	0.0326	0.0475	0.0742	0.0951	0.1451	0.2026	0.2625	1.7508
RP100/A	0.0127	0.0177	0.0229	0.0350	0.0510	0.0797	0.1022	0.1560	0.2178	0.2821	1.8683
RP1000/A	0.0153	0.0213	0.0276	0.0423	0.0615	0.0961	0.1233	0.1881	0.2627	0.3403	2.2171
RP10000/A	0.0176	0.0245	0.0318	0.0487	0.0708	0.1107	0.1419	0.2166	0.3024	0.3918	2.5262
PMP/A	0.0434	0.0606	0.0785	0.1202	0.1750	0.2734	0.3505	0.5349	0.7469	0.9676	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
010 7755 0	SAN FELIPE PELL	365	32	105	06E		M	37.017	121.333	SANTA CLARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1944	0.12	0.16	0.19	0.25	0.32	0.59	0.83	1.02	1.17	1.51	19.07
1945	0.09	0.15	0.20	0.39	0.53	0.76	0.81	1.31	2.26	3.67	20.22
1946	0.10	0.17	0.24	0.45	0.72	1.18	1.73	3.17	4.07	4.59	13.57
1947	0.11	0.21	0.25	0.31	0.41	0.55	0.58	0.94	1.05	1.52	9.83
1948	0.13	0.15	0.16	0.23	0.30	0.41	0.55	0.73	0.87	1.50	13.64
1949	*****	*****	0.16	0.25	0.46	0.77	0.96	1.32	1.51	1.98	8.82
1950	0.15	0.21	0.22	0.35	0.49	1.23	1.65	2.36	4.16	5.98	27.94
1951	0.11	0.15	0.17	0.27	0.40	0.65	0.84	1.00	1.33	1.47	18.25
1953	0.09	0.13	0.16	0.27	0.42	0.62	0.78	1.06	1.06	1.35	9.88
1954	0.16	0.21	0.30	0.32	0.43	0.66	0.70	0.95	1.19	1.55	15.15
1955	0.17	0.21	0.26	0.49	0.95	1.67	2.36	3.19	4.48	6.11	24.00
1956	0.05	0.08	0.10	0.16	0.28	0.32	0.47	0.71	0.90	0.96	12.44
1957	0.17	0.20	0.25	0.41	0.63	0.91	1.15	1.28	1.50	1.78	18.77
1958	0.12	0.16	0.17	0.32	0.45	0.72	0.87	1.24	1.50	2.10	23.96
1959	0.15	0.24	0.31	0.50	0.69	0.84	1.25	2.31	3.16	4.03	17.20
1960	0.10	0.16	0.20	0.40	0.61	1.07	1.32	1.57	2.06	2.10	14.48
1961	0.10	0.15	0.20	0.39	0.47	0.77	0.88	1.11	1.58	2.30	10.36
1962	0.17	0.20	0.28	0.29	0.39	0.58	0.83	1.24	1.44	2.01	14.91
1963	0.10	0.15	0.19	0.38	0.73	1.11	1.35	1.75	2.15	3.61	23.22
1964	0.21	0.29	0.34	0.34	0.41	0.68	0.90	1.18	1.65	2.31	17.90
1965	0.07	0.09	0.12	0.20	0.30	0.56	0.78	1.14	1.23	1.64	17.23
1967	0.12	0.16	0.20	0.30	0.45	0.86	0.95	1.74	1.59	1.91	19.98
1968	0.07	0.12	0.13	0.18	0.32	0.55	0.68	0.86	0.91	1.00	13.03
1969	0.07	0.12	0.17	0.25	0.49	0.69	1.05	1.68	2.29	3.80	26.77
1970	0.13	0.17	0.19	0.25	0.34	0.65	0.92	1.29	1.72	2.50	21.92
1971	0.05	0.07	0.10	0.15	0.29	0.49	0.60	0.60	0.81	1.36	10.84
1972	0.10	0.19	0.25	0.32	0.55	0.70	1.16	1.62	2.05	2.12	12.99
1973	*****	*****	*****	*****	0.33	0.53	0.63	0.78	0.95	0.97	23.36
1974	*****	*****	*****	*****	0.25	0.37	0.52	0.83	1.48	2.15	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
D10 7755 0	SAN FELIPE BELL	365	32	10S	06E		M	37.017	121.333	SANTA CLARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.11	0.16	0.20	0.30	0.46	0.72	0.94	1.32	1.75	2.35	16.75
5	0.15	0.22	0.27	0.41	0.62	0.98	1.29	1.81	2.39	3.20	21.78
10	0.18	0.25	0.31	0.48	0.72	1.13	1.48	2.08	2.75	3.69	24.62
20	0.20	0.28	0.35	0.53	0.80	1.26	1.65	2.32	3.07	4.11	27.09
25	0.20	0.29	0.36	0.55	0.82	1.30	1.70	2.39	3.16	4.24	27.83
40	0.22	0.31	0.38	0.58	0.87	1.38	1.81	2.54	3.35	4.49	29.32
50	0.22	0.32	0.39	0.60	0.90	1.42	1.85	2.60	3.44	4.61	30.00
100	0.24	0.34	0.42	0.64	0.96	1.52	1.99	2.80	3.69	4.95	32.01
200	0.25	0.36	0.45	0.68	1.03	1.62	2.12	2.98	3.93	5.27	33.91
1000	0.29	0.41	0.51	0.77	1.16	1.84	2.40	3.37	4.45	5.97	37.99
10000	0.33	0.47	0.58	0.89	1.34	2.11	2.76	3.88	5.13	6.87	43.28
PMP	0.82	1.17	1.44	2.20	3.31	5.22	6.83	9.59	12.66	16.98	102.46
MEAN	0.116	0.165	0.204	0.312	0.469	0.741	0.969	1.361	1.797	2.410	17.133
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.390	0.229	0.331	0.245	1.031	1.406	1.682	1.668	1.622	1.485	0.297
REGIONAL SKEW	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
SKEW USED	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.403 ; INTERCEPT (TIME=1 HOUR) =0.484 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.02827 ; AVERAGE CALC CV / USED CV = 0.86

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.118	3.885	2.979	2.829	4.050	5.851	6.720	5.731	5.161	4.827	2.416
N	26	26	27	27	29	29	29	29	29	29	28
RECORD YEAR	1964	1964	1964	1959	1955	1955	1955	1955	1955	1955	1950
RECORD MAXIMUM	0.210	0.290	0.340	0.500	0.950	1.670	2.360	3.190	4.480	6.110	27.940
NORMILIZED MAX	2.355	2.526	2.193	2.008	2.857	3.223	3.373	2.789	2.699	2.685	2.004
CALC. COEF. VAR	0.346	0.298	0.304	0.300	0.358	0.389	0.426	0.482	0.553	0.572	0.315
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0068	0.0097	0.0119	0.0182	0.0274	0.0433	0.0566	0.0795	0.1049	0.1406	1.0000
RP10/A	0.0103	0.0148	0.0182	0.0279	0.0419	0.0662	0.0866	0.1216	0.1606	0.2153	1.4371
RP25/A	0.0119	0.0170	0.0209	0.0320	0.0481	0.0760	0.0994	0.1397	0.1844	0.2472	1.6243
RP50/A	0.0129	0.0184	0.0228	0.0348	0.0524	0.0827	0.1081	0.1519	0.2005	0.2688	1.7508
RP100/A	0.0139	0.0198	0.0245	0.0374	0.0563	0.0888	0.1162	0.1632	0.2155	0.2889	1.8683
RP1000/A	0.0167	0.0239	0.0295	0.0451	0.0679	0.1072	0.1401	0.1969	0.2599	0.3484	2.2171
RP10000/A	0.0193	0.0275	0.0340	0.0519	0.0781	0.1234	0.1613	0.2267	0.2992	0.4012	2.5262
PMP/A	0.0476	0.0680	0.0839	0.1282	0.1930	0.3047	0.3984	0.5598	0.7390	0.9908	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E50 734 0	BIEL RANCH	3400	27	055	04E	0	M	37.463	121.524	SANTA CLARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1964	*****	*****	*****	*****	*****	*****	*****	*****	*****	0.69	3.00
1965	*****	*****	*****	0.20	0.30	0.50	0.70	1.10	1.70	2.70	15.70
1966	*****	*****	*****	0.20	0.40	0.60	0.70	0.90	1.10	1.70	14.00
1967	*****	*****	*****	0.10	0.20	0.30	0.40	0.70	1.00	1.40	7.90
1968	*****	*****	0.30	0.30	0.50	0.70	0.90	1.40	2.10	2.40	10.40
1969	*****	*****	0.40	0.40	0.40	0.60	0.90	1.40	1.50	2.10	17.10
1970	*****	*****	0.40	0.40	0.40	0.50	0.80	0.90	1.20	1.50	13.20
1971	*****	*****	0.20	0.20	0.30	0.50	0.70	0.90	1.00	1.10	11.70
1972	*****	*****	0.10	0.10	0.20	0.30	0.40	0.70	0.70	1.10	9.80
1973	*****	*****	0.30	0.40	0.60	0.60	0.70	1.10	1.10	1.90	25.50
1974	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.20	25.80

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E50 734 0	BIEL RANCH	3400	27	055	04E	0	M	37.463	121.524	SANTA CLARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.26	0.23	0.35	0.47	0.63	0.93	1.16	1.48	13.62
5	0.0	0.0	0.37	0.33	0.49	0.66	0.89	1.30	1.63	2.09	17.77
10	0.0	0.0	0.44	0.39	0.58	0.79	1.06	1.56	1.95	2.49	20.16
20	0.0	0.0	0.50	0.45	0.67	0.91	1.22	1.80	2.25	2.87	22.26
25	0.0	0.0	0.52	0.47	0.70	0.95	1.27	1.87	2.34	2.99	22.89
40	0.0	0.0	0.57	0.51	0.76	1.02	1.38	2.03	2.54	3.24	24.17
50	0.0	0.0	0.59	0.53	0.78	1.06	1.43	2.10	2.63	3.36	24.76
100	0.0	0.0	0.65	0.59	0.87	1.17	1.58	2.32	2.91	3.71	26.50
200	0.0	0.0	0.71	0.64	0.95	1.28	1.73	2.54	3.18	4.06	28.15
1000	0.0	0.0	0.85	0.77	1.13	1.53	2.06	3.03	3.80	4.85	31.73
10000	0.0	0.0	1.04	0.94	1.39	1.88	2.53	3.72	4.66	5.94	36.43
PMP	0.0	0.0	2.00	1.80	2.66	3.60	4.85	7.12	8.92	11.39	83.77
MEAN	0.0	0.0	0.283	0.256	0.378	0.511	0.689	1.011	1.267	1.617	14.009
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	-0.668	0.092	0.146	-0.631	-0.731	0.489	0.914	0.389	0.551
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.619 ; INTERCEPT (TIME=1 HOUR) =0.404 ; COEFFICIENT OF DETERMINATION = 0.948
1HR INTERCEPT / MEAN YR =0.02883 ; AVERAGE CALC CV / USED CV = 0.89

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	4.975	2.592	3.160	3.781	3.853	3.332	4.598	3.284	3.920
N	0	0	6	9	9	9	9	9	9	11	11
RECORD YEAR	0	0	1969	1969	1973	1968	1968	1968	1968	1965	1974
RECORD MAXIMUM	0.0	0.0	0.400	0.400	0.600	0.700	0.900	1.400	2.100	2.700	25.800
NORMILIZED MAX	0.0	0.0	0.998	1.169	1.594	1.385	1.152	1.485	1.951	1.772	1.704
CALC. COEF. VAR	0.0	0.0	0.413	0.484	0.369	0.267	0.266	0.259	0.337	0.378	0.494
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0202	0.0182	0.0270	0.0365	0.0492	0.0722	0.0904	0.1154	1.0000
RP10/A	0.0	0.0	0.0311	0.0281	0.0415	0.0562	0.0757	0.1111	0.1392	0.1777	1.4393
RP25/A	0.0	0.0	0.0374	0.0337	0.0499	0.0675	0.0910	0.1335	0.1672	0.2135	1.6342
RP50/A	0.0	0.0	0.0420	0.0378	0.0559	0.0757	0.1020	0.1497	0.1876	0.2395	1.7672
RP100/A	0.0	0.0	0.0464	0.0418	0.0619	0.0837	0.1128	0.1656	0.2074	0.2648	1.8917
RP1000/A	0.0	0.0	0.0606	0.0547	0.0808	0.1093	0.1474	0.2163	0.2710	0.3460	2.2652
RP10000/A	0.0	0.0	0.0743	0.0671	0.0991	0.1341	0.1808	0.2653	0.3324	0.4244	2.6007
PMP/A	0.0	0.0	0.1425	0.1285	0.1900	0.2570	0.3464	0.5085	0.6370	0.8133	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E50 5933 0	MT HAMILTON 67	4206	33	07S	03E	P	M	37.333	121.650	SANTA CLARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1966	*****	*****	0.20	0.30	0.50	0.70	0.90	1.30	1.80	2.10	23.10
1967	*****	*****	0.20	0.30	0.40	0.70	1.00	1.40	1.90	2.40	38.20
1968	*****	*****	0.20	0.40	0.70	1.00	1.00	1.60	2.60	3.10	21.30
1969	*****	*****	0.20	0.30	0.50	0.80	1.10	1.90	2.50	3.50	35.90
1970	*****	*****	0.10	0.20	0.40	0.60	0.70	1.20	1.80	2.40	31.50
1971	*****	*****	0.30	0.40	0.60	0.90	1.20	1.70	1.90	2.79	30.00
1972	*****	*****	0.30	0.40	0.50	0.70	0.70	0.90	0.90	0.90	15.60
1973	*****	*****	*****	*****	*****	*****	*****	*****	*****	3.40	41.00
1974	*****	*****	*****	*****	*****	*****	*****	*****	*****	3.00	40.98

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E50 5933 0	MT HAMILTON 67	4206	33	07S	03E	P	M	37.333	121.650	SANTA CLARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.20	0.30	0.47	0.71	0.86	1.31	1.75	2.40	29.99
5	0.0	0.0	0.28	0.42	0.66	1.00	1.22	1.84	2.47	3.38	39.12
10	0.0	0.0	0.33	0.51	0.79	1.19	1.45	2.20	2.95	4.04	44.39
20	0.0	0.0	0.38	0.58	0.91	1.37	1.67	2.54	3.40	4.65	49.01
25	0.0	0.0	0.40	0.61	0.95	1.43	1.74	2.64	3.54	4.85	50.40
40	0.0	0.0	0.43	0.66	1.03	1.55	1.89	2.86	3.83	5.25	53.22
50	0.0	0.0	0.44	0.68	1.07	1.60	1.96	2.96	3.97	5.44	54.50
100	0.0	0.0	0.49	0.75	1.18	1.77	2.16	3.28	4.39	6.01	58.34
200	0.0	0.0	0.54	0.82	1.29	1.94	2.37	3.58	4.80	6.58	61.98
1000	0.0	0.0	0.64	0.98	1.54	2.31	2.83	4.28	5.74	7.86	69.86
10000	0.0	0.0	0.79	1.21	1.89	2.84	3.47	5.25	7.04	9.63	80.21
PMP	0.0	0.0	1.51	2.31	3.62	5.43	6.64	10.06	13.49	18.47	184.44
MEAN	0.0	0.0	0.214	0.329	0.514	0.771	0.943	1.429	1.914	2.621	30.842
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	-0.174	-0.595	0.772	0.706	-0.253	-0.198	-0.702	-1.240	-0.473
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.398 ; INTERCEPT (TIME=1 HOUR) =0.500 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.01622 ; AVERAGE CALC CV / USED CV = 0.57

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	5.019	4.418	4.954	4.440	3.730	4.421	5.884	5.840	3.114
N	0	0	7	7	7	7	7	7	7	9	9
RECORD YEAR	0	0	1971	1968	1968	1968	1971	1969	1968	1969	1973
RECORD MAXIMUM	0.0	0.0	0.300	0.400	0.700	1.000	1.200	1.900	2.600	3.500	41.000
NORMILIZED MAX	0.0	0.0	1.242	0.945	1.737	1.656	1.352	1.406	1.229	1.099	1.110
CALC. COEF. VAR	0.0	0.0	0.322	0.230	0.208	0.179	0.202	0.235	0.292	0.305	0.297
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0069	0.0107	0.0167	0.0250	0.0306	0.0463	0.0621	0.0850	1.0000
RP10/A	0.0	0.0	0.0107	0.0164	0.0257	0.0385	0.0471	0.0713	0.0956	0.1308	1.4393
RP25/A	0.0	0.0	0.0129	0.0197	0.0308	0.0463	0.0565	0.0857	0.1148	0.1572	1.6342
RP50/A	0.0	0.0	0.0144	0.0221	0.0346	0.0519	0.0634	0.0961	0.1288	0.1763	1.7672
RP100/A	0.0	0.0	0.0159	0.0244	0.0383	0.0574	0.0701	0.1063	0.1424	0.1950	1.8917
RP1000/A	0.0	0.0	0.0208	0.0319	0.0500	0.0750	0.0916	0.1388	0.1860	0.2547	2.2652
RP10000/A	0.0	0.0	0.0255	0.0392	0.0613	0.0919	0.1124	0.1703	0.2281	0.3124	2.6007
PMP/A	0.0	0.0	0.0489	0.0751	0.1175	0.1762	0.2154	0.3263	0.4373	0.5987	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BNM	LATITUDE	LONGITUDE	COUNTY
E60 1P85 43	CDIT RANCH 18	1697	28	08S	05E	J	M	37.152	121.418	SANTA CLARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1964	*****	*****	*****	0.10	0.20	0.30	0.30	0.30	0.40	0.40	1.00
1965	*****	*****	*****	0.30	0.40	0.60	0.70	1.10	1.30	1.90	17.90
1966	*****	*****	0.50	0.50	0.50	0.60	0.80	1.20	1.50	2.10	19.00
1967	*****	*****	0.20	0.40	0.60	0.90	1.20	1.80	3.40	4.30	37.40
1968	*****	*****	0.20	0.20	0.40	0.60	0.80	1.20	1.90	2.00	13.90
1970	*****	*****	0.20	0.20	0.40	0.60	0.80	1.10	1.40	1.80	9.80
1971	*****	*****	0.30	0.40	0.50	0.70	1.10	1.60	2.10	2.60	17.40
1972	*****	*****	0.20	0.20	0.30	0.50	0.70	1.20	1.50	2.30	15.10
1973	*****	*****	0.30	0.40	0.50	0.60	0.80	1.30	1.70	2.70	32.20
1974	*****	*****	0.20	0.40	0.50	0.60	0.70	0.90	1.20	2.09	28.50

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BNM	LATITUDE	LONGITUDE	COUNTY
E60 1P85 43	CDIT RANCH 18	1697	28	08S	05E	J	M	37.152	121.418	SANTA CLARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.27	0.30	0.41	0.55	0.72	1.06	1.49	2.01	18.59
5	0.0	0.0	0.39	0.44	0.59	0.81	1.05	1.54	2.16	2.93	24.28
10	0.0	0.0	0.48	0.53	0.71	0.98	1.27	1.86	2.61	3.54	27.62
20	0.0	0.0	0.55	0.61	0.83	1.13	1.48	2.17	3.04	4.11	30.58
25	0.0	0.0	0.58	0.64	0.86	1.18	1.54	2.26	3.17	4.29	31.48
40	0.0	0.0	0.63	0.70	0.94	1.29	1.68	2.46	3.45	4.67	33.30
50	0.0	0.0	0.65	0.72	0.98	1.33	1.74	2.55	3.58	4.84	34.14
100	0.0	0.0	0.72	0.80	1.08	1.48	1.93	2.83	3.97	5.38	36.64
200	0.0	0.0	0.80	0.88	1.19	1.63	2.12	3.11	4.36	5.90	39.03
1000	0.0	0.0	0.96	1.06	1.43	1.96	2.55	3.74	5.24	7.09	44.23
10000	0.0	0.0	1.18	1.31	1.76	2.41	3.14	4.61	6.46	8.75	51.14
PMP	0.0	0.0	2.29	2.54	3.42	4.68	6.10	8.94	12.54	16.96	114.07
MEAN	0.0	0.0	0.299	0.332	0.447	0.612	0.798	1.170	1.640	2.219	19.220
CLOCK HR. CDF.	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.960	-0.227	-0.727	0.000	-0.206	-0.752	1.073	0.470	0.206
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	-0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.600 ; INTERCEPT (TIME=1 HOUR) =0.476 ; COEFFICIENT OF DETERMINATION = 0.983
1HR INTERCEPT / MEAN YR =0.02474 ; AVERAGE CALC CV / USED CV = 0.74

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	7.855	2.859	4.410	6.589	5.475	5.962	6.840	6.827	3.807
N	0	0	8	10	10	10	10	10	10	10	10
RECORD YEAR	0	0	1966	1966	1967	1967	1967	1967	1967	1967	1967
RECORD MAXIMUM	0.0	0.0	0.500	0.500	0.600	0.900	1.200	1.800	3.400	4.300	37.400
NORMILIZED MAX	0.0	0.0	1.660	1.222	1.267	1.894	1.642	1.574	2.288	2.157	1.678
CALC. CDEF. VAR	0.0	0.0	0.404	0.415	0.270	0.248	0.307	0.342	0.469	0.435	0.564
REGN. CDEF. VAR	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.329
USED CDEF. VAR	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.329
MEAN/A	0.0	0.0	0.0156	0.0173	0.0233	0.0318	0.0415	0.0609	0.0853	0.1155	1.0000
RP10/A	0.0	0.0	0.0248	0.0275	0.0371	0.0507	0.0661	0.0970	0.1359	0.1839	1.4371
RP25/A	0.0	0.0	0.0301	0.0334	0.0450	0.0616	0.0803	0.1177	0.1650	0.2233	1.6379
RP50/A	0.0	0.0	0.0340	0.0376	0.0508	0.0695	0.0906	0.1328	0.1861	0.2518	1.7762
RP100/A	0.0	0.0	0.0377	0.0418	0.0564	0.0771	0.1006	0.1475	0.2067	0.2797	1.9064
RP1000/A	0.0	0.0	0.0497	0.0551	0.0743	0.1017	0.1326	0.1945	0.2726	0.3689	2.3014
RP10000/A	0.0	0.0	0.0614	0.0680	0.0917	0.1255	0.1636	0.2399	0.3363	0.4550	2.6605
PMP/A	0.0	0.0	0.1190	0.1319	0.1779	0.2434	0.3174	0.4654	0.6523	0.8826	5.9350

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E60 2258 0	DAHL RANCH	1680	10	075	03W	G	M	37.343	122.172	SANTA CLARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1965	*****	*****	0.20	0.30	0.40	0.50	0.60	0.80	1.10	1.90	7.90
1966	*****	*****	0.30	0.30	0.40	0.70	1.00	1.60	2.40	2.50	22.60
1967	*****	*****	0.40	0.40	0.70	1.00	1.20	2.10	3.80	6.50	45.00
1968	*****	*****	0.20	0.30	0.50	0.90	1.20	1.90	2.60	3.80	21.70
1969	*****	*****	0.20	0.40	0.60	1.00	1.20	1.70	2.70	4.30	40.20
1970	*****	*****	0.30	0.40	0.60	1.00	1.20	1.70	2.40	2.80	29.10
1971	*****	*****	0.20	0.30	0.50	0.90	1.20	1.60	2.50	3.50	28.00
1972	*****	*****	0.10	0.20	0.30	0.50	0.60	0.90	1.20	1.80	18.30
1973	*****	*****	0.60	0.70	0.80	1.10	1.30	2.40	2.80	3.20	47.60
1974	*****	*****	*****	*****	*****	*****	*****	*****	*****	3.20	44.10

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E60 2258 0	DAHL RANCH	1680	10	075	03W	G	M	37.343	122.172	SANTA CLARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.25	0.34	0.49	0.77	0.97	1.49	2.19	3.07	29.61
5	0.0	0.0	0.36	0.47	0.69	1.09	1.36	2.11	3.08	4.32	38.62
10	0.0	0.0	0.43	0.56	0.82	1.30	1.63	2.51	3.68	5.16	43.83
20	0.0	0.0	0.49	0.65	0.95	1.50	1.87	2.90	4.24	5.95	48.39
25	0.0	0.0	0.51	0.68	0.99	1.56	1.95	3.02	4.42	6.20	49.76
40	0.0	0.0	0.56	0.73	1.07	1.69	2.11	3.27	4.78	6.71	52.54
50	0.0	0.0	0.58	0.76	1.11	1.75	2.19	3.39	4.96	6.95	53.81
100	0.0	0.0	0.64	0.84	1.22	1.94	2.42	3.75	5.48	7.69	57.60
200	0.0	0.0	0.70	0.92	1.34	2.12	2.65	4.10	5.99	8.41	61.19
1000	0.0	0.0	0.83	1.10	1.60	2.53	3.16	4.90	7.16	10.04	68.98
10000	0.0	0.0	1.02	1.35	1.96	3.10	3.88	6.00	8.78	12.31	79.19
PMP	0.0	0.0	1.96	2.58	3.76	5.95	7.44	11.51	16.83	23.60	182.09
MEAN	0.0	0.0	0.278	0.367	0.533	0.844	1.056	1.633	2.389	3.350	30.450
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.375	1.780	0.271	-0.804	-1.306	-0.473	-0.262	1.364	-0.168
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.450 ; INTERCEPT (TIME=1 HOUR) =0.563 ; COEFFICIENT OF DETERMINATION = 0.989
1HR INTERCEPT / MEAN YR =0.01850 ; AVERAGE CALC CV / USED CV = 0.86

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	6.092	7.955	3.651	3.302	4.182	4.015	4.655	6.403	2.959
N	0	0	9	9	9	9	9	9	9	10	10
RECORD YEAR	0	0	1973	1973	1973	1973	1973	1973	1967	1967	1973
RECORD MAXIMUM	0.0	0.0	0.600	0.700	0.800	1.100	1.300	2.400	3.800	6.500	47.600
NORMILIZED MAX	0.0	0.0	2.175	2.357	1.687	1.140	0.906	1.489	1.719	2.318	1.291
CALC. COEF. VAR	0.0	0.0	0.533	0.386	0.296	0.266	0.256	0.315	0.344	0.406	0.436
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0091	0.0120	0.0175	0.0277	0.0347	0.0536	0.0785	0.1100	1.0000
RP10/A	0.0	0.0	0.0140	0.0185	0.0270	0.0427	0.0534	0.0826	0.1208	0.1694	1.4393
RP25/A	0.0	0.0	0.0169	0.0223	0.0324	0.0513	0.0641	0.0992	0.1451	0.2035	1.6342
RP50/A	0.0	0.0	0.0189	0.0250	0.0363	0.0575	0.0719	0.1113	0.1628	0.2282	1.7672
RP100/A	0.0	0.0	0.0209	0.0276	0.0402	0.0636	0.0795	0.1231	0.1800	0.2524	1.8917
RP1000/A	0.0	0.0	0.0273	0.0361	0.0525	0.0831	0.1039	0.1608	0.2351	0.3297	2.2652
RP10000/A	0.0	0.0	0.0335	0.0443	0.0644	0.1019	0.1276	0.1972	0.2884	0.4044	2.6007
PMP/A	0.0	0.0	0.0643	0.0848	0.1234	0.1954	0.2442	0.3779	0.5527	0.7751	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. 8SN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E60 3810 3	HASKINS RANCH	1900	21	06S	02E	E	M	37.393	121.758	SANTA CLARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YP=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1964	*****	*****	0.70	0.40	0.60	0.80	1.00	1.40	1.80	2.60	9.90
1965	*****	*****	0.90	0.90	0.90	1.00	1.20	1.60	2.30	2.90	24.40
1966	*****	*****	0.30	0.30	0.40	0.60	0.80	1.30	1.40	1.50	10.90
1967	*****	*****	0.80	0.80	0.80	0.90	1.30	2.20	3.60	5.73	33.30
1968	*****	*****	0.20	0.40	0.50	0.90	1.40	2.30	3.20	3.40	16.10
1969	*****	*****	0.20	0.40	0.50	0.60	0.70	1.00	1.40	1.80	19.40
1970	*****	*****	0.70	0.70	0.80	0.90	1.10	1.40	1.60	1.60	19.90
1971	*****	*****	0.80	0.80	0.80	1.00	1.10	1.60	2.50	3.90	23.10
1972	*****	*****	0.10	0.20	0.30	0.40	0.50	0.70	1.00	1.50	11.60
1973	*****	*****	0.30	0.40	0.70	0.90	1.10	1.40	1.60	2.00	29.50
1974	*****	*****	0.20	0.30	0.40	0.50	0.60	1.00	1.60	2.00	25.90

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 8SN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E60 3810 3	HASKINS RANCH	1900	21	06S	02E	E	M	37.393	121.758	SANTA CLARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.39	0.47	0.56	0.71	0.90	1.31	1.83	2.41	19.80
5	0.0	0.0	0.55	0.66	0.79	1.00	1.27	1.84	2.58	3.39	25.83
10	0.0	0.0	0.66	0.78	0.94	1.19	1.51	2.20	3.08	4.05	29.31
20	0.0	0.0	0.76	0.90	1.08	1.37	1.74	2.53	3.55	4.67	32.36
25	0.0	0.0	0.79	0.94	1.13	1.43	1.82	2.64	3.70	4.86	33.28
40	0.0	0.0	0.86	1.02	1.22	1.55	1.97	2.86	4.01	5.27	35.14
50	0.0	0.0	0.89	1.06	1.26	1.60	2.04	2.96	4.15	5.46	35.99
100	0.0	0.0	0.98	1.17	1.40	1.77	2.25	3.27	4.59	6.03	38.52
200	0.0	0.0	1.07	1.28	1.53	1.94	2.46	3.58	5.02	6.60	40.92
1000	0.0	0.0	1.28	1.53	1.83	2.32	2.94	4.28	5.99	7.88	46.13
10000	0.0	0.0	1.57	1.87	2.24	2.84	3.61	5.25	7.35	9.67	52.96
PMP	0.0	0.0	3.01	3.59	4.29	5.44	6.92	10.06	14.09	18.53	121.77
MEAN	0.0	0.0	0.427	0.509	0.609	0.773	0.982	1.427	2.000	2.630	20.364
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.626	0.538	-0.062	-0.666	-0.367	0.651	0.995	1.505	0.115
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.677 ; INTERCEPT (TIME=1 HOUR) =0.643 ; COEFFICIENT OF DETERMINATION = 0.994
1HR INTERCEPT / MEAN YR =0.03160 ; AVERAGE CALC CV / USED CV = 1.04

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	2.309	2.563	2.455	2.841	2.893	4.073	3.895	5.852	2.912
N	0	0	11	11	11	11	11	11	11	11	11
RECORD YEAR	0	0	1965	1965	1965	1965	1968	1968	1967	1967	1967
RECORD MAXIMUM	0.0	0.0	0.900	0.900	0.900	1.000	1.400	2.300	3.600	5.730	33.300
NORMILIZED MAX	0.0	0.0	1.557	1.611	1.438	1.081	1.429	1.819	1.972	2.378	1.669
CALC. COEF. VAR	0.0	0.0	0.711	0.477	0.332	0.272	0.298	0.336	0.406	0.496	0.381
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0210	0.0250	0.0299	0.0379	0.0482	0.0701	0.0982	0.1292	1.0000
RP10/A	0.0	0.0	0.0323	0.0385	0.0461	0.0584	0.0742	0.1079	0.1512	0.1988	1.4393
RP25/A	0.0	0.0	0.0388	0.0462	0.0553	0.0702	0.0892	0.1296	0.1817	0.2389	1.6342
RP50/A	0.0	0.0	0.0435	0.0519	0.0621	0.0787	0.1000	0.1454	0.2038	0.2679	1.7672
RP100/A	0.0	0.0	0.0481	0.0574	0.0686	0.0871	0.1106	0.1608	0.2253	0.2963	1.8917
RP1000/A	0.0	0.0	0.0629	0.0749	0.0896	0.1137	0.1445	0.2101	0.2944	0.3871	2.2652
RP10000/A	0.0	0.0	0.0771	0.0919	0.1099	0.1395	0.1772	0.2576	0.3610	0.4747	2.6007
PMP/A	0.0	0.0	0.1478	0.1761	0.2107	0.2673	0.3397	0.4938	0.6919	0.9099	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E60 4350 0	JOHNSON RANCH	755	24	ORS	01W	M	M	37.220	121.927	SANTA CLARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1968	*****	*****	0.20	0.40	0.70	1.00	1.60	2.70	4.40	5.80	15.90
1969	*****	*****	0.20	0.30	0.50	0.90	1.10	1.50	1.60	2.59	34.70
1970	*****	*****	0.20	0.40	0.60	0.80	1.00	1.60	1.80	3.00	18.00
1971	*****	*****	0.20	0.30	0.40	0.70	0.90	1.30	1.50	1.60	21.10
1972	*****	*****	0.50	0.50	0.50	0.70	0.80	1.20	1.50	1.80	12.60
1973	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.79	35.70
1974	*****	*****	0.10	0.20	0.40	0.60	0.80	1.10	1.40	3.29	25.20

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E60 4350 0	JOHNSON RANCH	755	24	ORS	01W	M	M	37.220	121.927	SANTA CLARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.21	0.32	0.47	0.72	0.95	1.43	1.86	2.73	22.67
5	0.0	0.0	0.30	0.45	0.67	1.01	1.33	2.02	2.62	3.85	29.57
10	0.0	0.0	0.36	0.54	0.80	1.21	1.59	2.41	3.13	4.59	33.56
20	0.0	0.0	0.41	0.62	0.92	1.39	1.83	2.78	3.61	5.29	37.05
25	0.0	0.0	0.43	0.65	0.96	1.45	1.91	2.90	3.76	5.51	38.10
40	0.0	0.0	0.47	0.70	1.03	1.57	2.07	3.14	4.07	5.97	40.23
50	0.0	0.0	0.48	0.73	1.07	1.63	2.14	3.25	4.22	6.19	41.20
100	0.0	0.0	0.54	0.80	1.19	1.80	2.37	3.59	4.66	6.84	44.10
200	0.0	0.0	0.59	0.88	1.30	1.97	2.59	3.93	5.10	7.48	46.85
1000	0.0	0.0	0.70	1.05	1.55	2.35	3.10	4.70	6.09	8.94	52.81
10000	0.0	0.0	0.86	1.29	1.90	2.88	3.80	5.76	7.47	10.96	60.63
PMP	0.0	0.0	1.64	2.47	3.64	5.52	7.28	11.04	14.32	21.00	139.42
MEAN	0.0	0.0	0.233	0.350	0.517	0.783	1.033	1.567	2.033	2.981	23.314
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.934	0.000	0.668	0.418	1.697	1.923	2.377	1.582	0.502
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.406 ; INTERCEPT (TIME=1 HOUR) =0.527 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.02259 ; AVERAGE CALC CV / USED CV = 0.79

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	9.260	5.144	4.975	4.620	7.983	8.791	10.254	7.595	3.520
N	0	0	6	6	6	6	6	6	6	7	7
RECORD YEAR	0	0	1972	1972	1968	1968	1968	1968	1968	1968	1973
RECORD MAXIMUM	0.0	0.0	0.500	0.500	0.700	1.000	1.600	2.700	4.400	5.800	35.700
NORMILIZED MAX	0.0	0.0	1.952	1.430	1.568	1.472	1.882	1.936	2.027	2.033	1.371
CALC. COEF. VAR	0.0	0.0	0.586	0.300	0.226	0.188	0.291	0.374	0.574	0.465	0.387
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0100	0.0150	0.0222	0.0336	0.0443	0.0672	0.0872	0.1279	1.0000
RP10/A	0.0	0.0	0.0154	0.0231	0.0341	0.0517	0.0682	0.1035	0.1343	0.1969	1.4393
RP25/A	0.0	0.0	0.0185	0.0278	0.0410	0.0621	0.0820	0.1243	0.1613	0.2365	1.6342
RP50/A	0.0	0.0	0.0208	0.0311	0.0460	0.0697	0.0920	0.1394	0.1809	0.2653	1.7672
RP100/A	0.0	0.0	0.0230	0.0344	0.0508	0.0771	0.1017	0.1542	0.2001	0.2934	1.8917
RP1000/A	0.0	0.0	0.0300	0.0450	0.0664	0.1007	0.1328	0.2014	0.2614	0.3833	2.2652
RP10000/A	0.0	0.0	0.0368	0.0552	0.0815	0.1235	0.1629	0.2470	0.3206	0.4701	2.6007
PMP/A	0.0	0.0	0.0705	0.1058	0.1561	0.2367	0.3122	0.4734	0.6144	0.9009	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RNM	LATITUDE	LONGITUDE	COUNTY
E60 5058 0	LOMA PRIETA	3790	27	095	01E	P	M	37.117	121.850	SANTA CLARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1966	*****	*****	0.20	0.30	0.60	1.00	1.30	2.00	2.90	3.10	31.60
1967	*****	*****	0.50	0.70	1.20	1.60	1.70	3.00	5.50	9.10	64.00
1968	*****	*****	0.40	0.70	1.10	1.80	2.20	3.40	5.40	6.90	31.30
1969	*****	*****	0.30	0.50	0.70	1.70	1.50	2.30	4.10	6.90	64.10
1970	*****	*****	0.30	0.50	0.80	1.10	1.30	2.10	3.40	4.00	42.10
1971	*****	*****	0.50	0.60	0.80	1.10	1.50	2.30	3.00	5.80	40.80
1972	*****	*****	0.20	0.30	0.50	0.80	1.00	1.70	1.90	3.10	20.30
1973	*****	*****	0.30	0.50	0.80	1.50	2.20	3.80	5.10	6.00	69.60
1974	*****	*****	0.20	0.40	0.70	1.30	1.80	3.20	5.50	7.40	69.70

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RNM	LATITUDE	LONGITUDE	COUNTY
E60 5058 0	LOMA PRIETA	3790	27	095	01E	P	M	37.117	121.850	SANTA CLARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.34	0.49	0.76	1.18	1.49	2.42	3.74	5.32	46.58
5	0.0	0.0	0.47	0.69	1.07	1.67	2.10	3.41	5.27	7.50	60.95
10	0.0	0.0	0.57	0.82	1.28	1.99	2.51	4.07	6.30	8.95	69.41
20	0.0	0.0	0.65	0.95	1.48	2.29	2.89	4.70	7.26	10.32	76.90
25	0.0	0.0	0.68	0.99	1.54	2.39	3.01	4.89	7.56	10.75	79.17
40	0.0	0.0	0.74	1.07	1.67	2.59	3.26	5.30	8.19	11.64	83.78
50	0.0	0.0	0.76	1.11	1.73	2.68	3.38	5.49	8.48	12.06	85.90
100	0.0	0.0	0.84	1.23	1.91	2.96	3.73	6.07	9.38	13.33	92.22
200	0.0	0.0	0.92	1.34	2.09	3.24	4.08	6.64	10.26	14.58	98.26
1000	0.0	0.0	1.10	1.60	2.49	3.87	4.88	7.93	12.25	17.42	111.42
10000	0.0	0.0	1.35	1.97	3.06	4.75	5.98	9.72	15.03	21.36	128.88
PMP	0.0	0.0	2.59	3.77	5.86	9.10	11.46	18.63	28.81	40.94	288.04
MEAN	0.0	0.0	0.367	0.535	0.832	1.292	1.627	2.644	4.089	5.811	48.167
CLOCK HR. COR.	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.574	0.000	0.776	0.363	0.296	0.356	-0.318	-0.067	-0.090
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.393 ; INTERCEPT (TIME=1 HOUR) =0.836 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.01736 ; AVERAGE CALC CV / USED CV = 0.72

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	3.125	3.143	4.204	3.622	3.498	2.914	2.792	3.323	2.494
N	0	0	9	9	9	9	9	9	9	9	9
RECORD YEAR	0	0	1967	1967	1967	1968	1968	1973	1967	1967	1974
RECORD MAXIMUM	0.0	0.0	0.500	0.700	1.200	1.800	2.200	3.800	5.500	9.100	69.700
NORMILIZED MAX	0.0	0.0	0.968	1.028	1.582	1.575	1.391	1.598	1.045	1.602	1.140
CALC. COEF. VAR	0.0	0.0	0.373	0.300	0.280	0.250	0.253	0.273	0.330	0.353	0.392
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0076	0.0111	0.0173	0.0268	0.0338	0.0549	0.0849	0.1206	1.0000
RP10/A	0.0	0.0	0.0117	0.0171	0.0266	0.0413	0.0520	0.0845	0.1307	0.1858	1.4411
RP25/A	0.0	0.0	0.0141	0.0205	0.0319	0.0496	0.0625	0.1015	0.1570	0.2231	1.6437
RP50/A	0.0	0.0	0.0158	0.0230	0.0358	0.0556	0.0701	0.1139	0.1761	0.2503	1.7833
RP100/A	0.0	0.0	0.0175	0.0255	0.0396	0.0615	0.0775	0.1259	0.1947	0.2768	1.9147
RP1000/A	0.0	0.0	0.0229	0.0333	0.0518	0.0804	0.1013	0.1645	0.2544	0.3616	2.3133
RP10000/A	0.0	0.0	0.0280	0.0408	0.0635	0.0986	0.1242	0.2018	0.3120	0.4435	2.6757
PMP/A	0.0	0.0	0.0537	0.0783	0.1217	0.1890	0.2380	0.3868	0.5981	0.8500	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E60 5384 43	MARYKNOLL	440	09	07S	02W	0	M	37.330	122.083	SANTA CLARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1966	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.84	18.11
1968	*****	*****	0.20	0.30	0.30	0.50	0.60	0.90	0.90	1.00	14.15
1970	*****	*****	0.70	0.70	0.70	0.70	0.80	1.00	1.00	1.20	13.20
1971	*****	*****	0.20	0.30	0.50	0.90	1.10	1.40	1.90	3.40	14.40
1972	*****	*****	0.10	0.20	0.30	0.40	0.60	0.90	1.00	1.10	8.90
1973	*****	*****	0.20	0.20	0.40	0.70	0.80	1.40	1.50	1.90	27.70
1974	*****	*****	0.20	0.20	0.40	0.70	1.00	1.40	1.60	2.40	23.40

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E60 5384 43	MARYKNOLL	440	09	07S	02W	0	M	37.330	122.083	SANTA CLARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.28	0.31	0.41	0.61	0.75	1.07	1.21	1.81	16.56
5	0.0	0.0	0.39	0.44	0.58	0.86	1.06	1.50	1.70	2.55	21.67
10	0.0	0.0	0.47	0.52	0.69	1.02	1.27	1.80	2.03	3.04	24.68
20	0.0	0.0	0.54	0.60	0.80	1.18	1.46	2.07	2.34	3.51	27.34
25	0.0	0.0	0.56	0.63	0.83	1.23	1.53	2.16	2.44	3.66	28.15
40	0.0	0.0	0.61	0.68	0.90	1.33	1.65	2.34	2.64	3.96	29.78
50	0.0	0.0	0.63	0.70	0.93	1.38	1.71	2.42	2.73	4.10	30.53
100	0.0	0.0	0.70	0.78	1.03	1.52	1.89	2.68	3.02	4.54	32.79
200	0.0	0.0	0.76	0.85	1.13	1.66	2.07	2.93	3.30	4.96	34.93
1000	0.0	0.0	0.91	1.02	1.35	1.99	2.47	3.50	3.95	5.93	39.61
10000	0.0	0.0	1.12	1.25	1.66	2.44	3.03	4.29	4.84	7.27	45.81
PMP	0.0	0.0	2.14	2.39	3.17	4.67	5.81	8.22	9.28	13.93	102.39
MEAN	0.0	0.0	0.304	0.339	0.451	0.663	0.825	1.167	1.317	1.977	17.123
CLOCK HR. COR.	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	2.248	2.116	1.270	-0.165	0.302	-0.077	0.407	0.430	0.661
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.584 ; INTERCEPT (TIME=1 HOUR) =0.491 ; COEFFICIENT OF DETERMINATION = 0.981
1HR INTERCEPT / MEAN YR =0.02669 ; AVERAGE CALC CV / USED CV = 1.14

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	9.949	9.367	6.669	5.205	4.141	2.670	3.795	3.453	4.418
N	0	0	6	6	6	6	6	6	6	7	7
RECORD YEAR	0	0	1970	1970	1970	1971	1971	1971	1971	1971	1973
RECORD MAXIMUM	0.0	0.0	0.700	0.700	0.700	0.900	1.100	1.400	1.900	3.400	27.700
NORMILIZED MAX	0.0	0.0	1.608	1.739	1.592	1.320	1.335	0.904	1.433	1.516	1.636
CALC. COEF. VAR	0.0	0.0	0.810	0.613	0.347	0.271	0.250	0.221	0.309	0.475	0.378
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0178	0.0198	0.0263	0.0387	0.0482	0.0681	0.0769	0.1155	1.0000
RP10/A	0.0	0.0	0.0273	0.0305	0.0405	0.0596	0.0742	0.1049	0.1184	0.1778	1.4411
RP25/A	0.0	0.0	0.0328	0.0366	0.0487	0.0716	0.0891	0.1260	0.1422	0.2136	1.6637
RP50/A	0.0	0.0	0.0368	0.0411	0.0546	0.0803	0.0999	0.1414	0.1595	0.2396	1.7833
RP100/A	0.0	0.0	0.0407	0.0454	0.0604	0.0888	0.1105	0.1563	0.1764	0.2649	1.9147
RP1000/A	0.0	0.0	0.0532	0.0593	0.0789	0.1160	0.1444	0.2042	0.2305	0.3461	2.3133
RP10000/A	0.0	0.0	0.0653	0.0727	0.0967	0.1423	0.1771	0.2505	0.2827	0.4244	2.6757
PMP/A	0.0	0.0	0.1251	0.1394	0.1854	0.2728	0.3394	0.4800	0.5417	0.8135	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 1S STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E60 5999 50	MT UMUNHUM	3090	07	095	01W	P	M	37.150	121.903	SANTA CLARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1969	*****	*****	0.20	0.30	0.40	0.70	0.80	1.00	1.50	2.00	32.70
1970	*****	*****	0.30	0.30	0.60	0.80	1.10	1.60	2.50	3.10	39.40
1971	*****	*****	0.20	0.20	0.40	0.70	1.00	1.60	2.20	2.90	39.40
1972	*****	*****	0.10	0.20	0.40	0.70	0.90	1.40	1.70	2.80	17.70
1973	*****	*****	0.20	0.40	0.50	0.80	1.00	1.60	2.30	3.10	53.40
1974	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.80	46.40

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E60 5999 50	MT UMUNHUM	3090	07	095	01W	P	M	37.150	121.903	SANTA CLARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.21	0.27	0.44	0.69	0.89	1.32	1.87	2.39	40.13
5	0.0	0.0	0.29	0.39	0.62	0.97	1.25	1.86	2.63	3.38	52.52
10	0.0	0.0	0.35	0.46	0.74	1.16	1.49	2.22	3.14	4.03	59.80
20	0.0	0.0	0.40	0.53	0.85	1.34	1.72	2.56	3.62	4.65	66.26
25	0.0	0.0	0.42	0.55	0.88	1.40	1.79	2.66	3.77	4.84	68.21
40	0.0	0.0	0.46	0.60	0.96	1.51	1.94	2.88	4.09	5.24	72.18
50	0.0	0.0	0.47	0.62	0.99	1.57	2.01	2.99	4.23	5.43	74.01
100	0.0	0.0	0.52	0.69	1.10	1.73	2.22	3.30	4.68	6.00	79.46
200	0.0	0.0	0.57	0.75	1.20	1.89	2.43	3.61	5.12	6.57	84.66
1000	0.0	0.0	0.68	0.90	1.43	2.26	2.91	4.32	6.11	7.84	96.00
10000	0.0	0.0	0.84	1.10	1.76	2.77	3.56	5.29	7.50	9.62	111.04
PMP	0.0	0.0	1.61	2.11	3.37	5.32	6.83	10.14	14.37	18.43	248.17
MEAN	0.0	0.0	0.228	0.300	0.478	0.755	0.970	1.440	2.040	2.617	41.500
CLOCK HR. COR.	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.000	0.512	1.258	0.608	-0.405	-1.714	-0.431	-0.847	-1.354
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.401 ; INTERCEPT (TIME=1 HOUR) =0.491 ; COEFFICIENT OF DETERMINATION = 0.983
1HR INTERCEPT / MEAN YR =0.01182 ; AVERAGE CALC CV / USED CV = 0.52

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	8.333	6.156	6.926	3.887	6.518	8.887	4.878	3.995	7.140
N	0	0	5	5	5	5	5	5	5	6	6
RECORD YEAR	0	0	1970	1973	1970	1970	1970	1970	1970	1970	1973
RECORD MAXIMUM	0.0	0.0	0.300	0.400	0.600	0.800	1.100	1.600	2.500	3.100	53.400
NORMILIZED MAX	0.0	0.0	0.893	1.122	1.307	0.809	1.132	0.614	1.090	0.847	0.904
CALC. COEF. VAR	0.0	0.0	0.354	0.299	0.194	0.074	0.119	0.181	0.207	0.218	0.317
RFGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0055	0.0072	0.0115	0.0182	0.0234	0.0347	0.0492	0.0631	1.0000
RP10/A	0.0	0.0	0.0085	0.0111	0.0177	0.0280	0.0360	0.0534	0.0757	0.0971	1.4411
RP25/A	0.0	0.0	0.0102	0.0134	0.0213	0.0336	0.0432	0.0642	0.0909	0.1166	1.6437
RP50/A	0.0	0.0	0.0114	0.0150	0.0239	0.0377	0.0485	0.0720	0.1020	0.1308	1.7833
RP100/A	0.0	0.0	0.0126	0.0166	0.0264	0.0417	0.0536	0.0796	0.1128	0.1446	1.9147
RP1000/A	0.0	0.0	0.0165	0.0216	0.0345	0.0545	0.0700	0.1040	0.1473	0.1890	2.3133
RP10000/A	0.0	0.0	0.0202	0.0265	0.0424	0.0669	0.0859	0.1275	0.1807	0.2318	2.6757
PMP/A	0.0	0.0	0.0387	0.0509	0.0812	0.1281	0.1646	0.2445	0.3463	0.4442	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E60 6646 0	PALO ALTO CITY HALL	43	01	06S	03W	B	M	37.445	122.139	SANTA CLARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.42	0.59	0.67	1.09	1.10	1.54	27.21
1941	*****	*****	*****	*****	0.49	0.89	1.14	1.47	1.51	1.69	24.92
1942	*****	*****	*****	*****	0.39	0.48	0.61	0.81	1.06	1.68	18.34
1943	*****	*****	*****	*****	0.40	0.56	0.78	1.14	1.75	2.52	14.59
1944	*****	*****	*****	*****	0.36	0.54	0.62	0.99	1.20	1.20	16.54
1945	*****	*****	*****	*****	0.50	0.63	0.82	1.13	1.38	2.82	15.42
1946	*****	*****	*****	*****	0.44	0.47	0.67	1.24	2.00	2.50	11.82
1947	*****	*****	*****	*****	0.36	0.42	0.45	0.64	1.07	1.20	9.20
1948	*****	*****	*****	*****	0.40	0.74	0.74	0.77	1.18	1.64	11.73
1949	*****	*****	*****	*****	0.21	0.36	0.51	0.69	0.79	1.14	11.35
1950	*****	*****	*****	*****	0.53	0.54	0.74	1.39	2.39	3.57	23.24
1951	*****	*****	*****	*****	0.46	0.84	1.02	1.25	1.63	1.70	17.03
1952	*****	*****	*****	*****	0.41	0.66	0.98	1.52	1.64	2.24	23.07
1953	*****	*****	*****	*****	0.24	0.44	0.62	1.04	1.33	1.35	7.96
1954	*****	*****	*****	*****	0.29	0.46	0.66	0.97	0.98	1.32	12.10
1955	*****	*****	*****	*****	0.50	0.86	1.09	1.82	2.30	3.54	19.06
1956	*****	*****	*****	*****	0.23	0.41	0.55	0.84	0.92	0.92	11.27
1957	*****	*****	*****	*****	0.35	0.41	0.50	0.92	1.24	1.24	14.79
1958	*****	*****	*****	*****	0.28	0.48	0.65	0.95	1.34	1.56	20.84
1959	*****	*****	*****	*****	0.46	0.62	0.92	1.37	2.22	2.25	11.10
1960	*****	*****	*****	*****	0.32	0.41	0.54	1.08	1.40	1.40	11.70
1961	*****	*****	*****	*****	0.38	0.70	0.88	1.12	1.70	1.70	9.48
1962	*****	*****	*****	*****	0.64	0.86	0.92	1.02	1.95	2.62	15.13
1963	*****	*****	*****	*****	0.37	0.66	0.90	1.31	1.39	1.78	15.38
1964	*****	*****	*****	*****	0.67	0.98	1.14	1.51	1.68	2.06	14.44
1965	*****	*****	*****	*****	0.34	0.49	0.66	1.17	1.46	1.53	15.46
1966	*****	*****	*****	*****	0.25	0.37	0.55	1.01	1.20	1.35	9.50
1967	*****	*****	*****	*****	0.40	0.62	0.74	1.03	1.52	2.54	17.04
1968	*****	*****	*****	*****	0.38	0.56	0.72	1.07	1.44	2.27	13.13
1969	*****	*****	*****	*****	0.36	0.49	0.67	1.25	1.58	1.83	18.07
1970	*****	*****	*****	*****	0.46	0.79	0.86	1.39	1.98	2.48	23.48
1971	*****	*****	*****	*****	0.21	0.40	0.51	0.62	0.68	1.18	8.72
1972	*****	*****	*****	*****	0.38	0.53	0.65	1.00	1.43	1.55	14.40
1973	*****	*****	*****	*****	0.64	0.88	0.96	1.25	1.62	1.74	24.60
1974	*****	*****	*****	*****	0.38	0.68	0.94	1.40	1.65	1.87	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E60 6646 0	PALO ALTO CITY HALL	43	01	06S	03W	B	M	37.445	122.139	SANTA CLARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.41	0.58	0.72	1.05	1.37	1.71	15.22
5	0.0	0.0	0.0	0.0	0.58	0.82	1.01	1.48	1.92	2.41	19.85
10	0.0	0.0	0.0	0.0	0.70	0.98	1.21	1.76	2.30	2.88	22.52
20	0.0	0.0	0.0	0.0	0.80	1.13	1.39	2.03	2.65	3.32	24.87
25	0.0	0.0	0.0	0.0	0.84	1.18	1.45	2.12	2.76	3.46	25.58
40	0.0	0.0	0.0	0.0	0.91	1.27	1.57	2.29	2.99	3.75	27.00
50	0.0	0.0	0.0	0.0	0.94	1.32	1.63	2.37	3.10	3.88	27.66
100	0.0	0.0	0.0	0.0	1.04	1.46	1.80	2.63	3.42	4.29	29.60
200	0.0	0.0	0.0	0.0	1.14	1.60	1.97	2.87	3.74	4.70	31.45
1000	0.0	0.0	0.0	0.0	1.36	1.91	2.35	3.43	4.47	5.61	35.45
10000	0.0	0.0	0.0	0.0	1.66	2.34	2.88	4.21	5.49	6.88	40.70
PMP	0.0	0.0	0.0	0.0	3.19	4.48	5.52	8.06	10.51	13.19	93.59
MEAN	0.0	0.0	0.0	0.0	0.453	0.636	0.784	1.144	1.492	1.872	15.650
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	0.559	0.622	0.453	0.248	0.347	1.026	0.600
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.501 ; INTERCEPT (TIME=1 HOUR) =0.452 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.02889 ; AVERAGE CALC CV / USED CV = 0.69

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	3.615	2.558	2.484	3.370	3.194	3.964	2.722
N	0	0	0	0	35	35	35	35	35	35	34
RECORD YEAR	0	0	0	0	1964	1964	1941	1955	1950	1950	1940
RECORD MAXIMUM	0.0	0.0	0.0	0.0	0.670	0.980	1.140	1.820	2.390	3.570	27.210
NORMILIZED MAX	0.0	0.0	0.0	0.0	1.673	1.870	1.791	2.471	2.190	2.631	2.235
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.287	0.289	0.254	0.239	0.275	0.345	0.331
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0	0.0	0.0289	0.0407	0.0501	0.0731	0.0953	0.1196	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0445	0.0626	0.0771	0.1126	0.1468	0.1842	1.4393
RP25/A	0.0	0.0	0.0	0.0	0.0535	0.0752	0.0926	0.1353	0.1764	0.2212	1.6342
RP50/A	0.0	0.0	0.0	0.0	0.0600	0.0844	0.1039	0.1517	0.1978	0.2482	1.7672
RP100/A	0.0	0.0	0.0	0.0	0.0664	0.0933	0.1149	0.1678	0.2187	0.2744	1.8917
RP1000/A	0.0	0.0	0.0	0.0	0.0867	0.1219	0.1501	0.2192	0.2858	0.3585	2.2652
RP10000/A	0.0	0.0	0.0	0.0	0.1063	0.1495	0.1841	0.2688	0.3505	0.4397	2.6007
PMP/A	0.0	0.0	0.0	0.0	0.2038	0.2865	0.3529	0.5152	0.6717	0.8427	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE M IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E60 6791 43	PENITENCIA WATER T P	470	23	06S	01E	C	M	37.267	121.831	SANTA CLARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1968	*****	*****	*****	0.30	0.40	0.80	1.10	1.50	2.30	2.60	11.70
1969	*****	*****	0.20	0.30	0.40	0.60	0.80	0.90	1.30	1.50	19.40
1970	*****	*****	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	13.80
1971	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.29	18.10
1972	*****	*****	0.30	0.30	0.40	0.40	0.50	0.50	0.80	0.90	4.40
1973	*****	*****	0.40	0.40	0.50	0.90	1.10	1.30	1.40	1.90	25.10
1974	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.09	17.70

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E60 6791 43	PENITENCIA WATER T P	470	23	06S	01E	C	M	37.267	121.831	SANTA CLARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.60	0.53	0.59	0.77	0.91	1.03	1.32	1.53	15.31
5	0.0	0.0	0.85	0.75	0.83	1.08	1.28	1.44	1.86	2.15	19.97
10	0.0	0.0	1.01	0.89	0.99	1.29	1.52	1.72	2.22	2.57	22.66
20	0.0	0.0	1.16	1.03	1.14	1.49	1.76	1.99	2.56	2.96	25.02
25	0.0	0.0	1.21	1.07	1.19	1.55	1.83	2.07	2.66	3.09	25.73
40	0.0	0.0	1.31	1.16	1.29	1.68	1.98	2.24	2.88	3.34	27.16
50	0.0	0.0	1.36	1.20	1.34	1.74	2.05	2.32	2.99	3.46	27.82
100	0.0	0.0	1.50	1.33	1.48	1.92	2.27	2.57	3.30	3.83	29.78
200	0.0	0.0	1.64	1.45	1.62	2.10	2.48	2.81	3.61	4.19	31.64
1000	0.0	0.0	1.96	1.73	1.93	2.51	2.97	3.36	4.32	5.00	35.66
10000	0.0	0.0	2.41	2.12	2.37	3.07	3.64	4.12	5.29	6.13	40.94
PMP	0.0	0.0	4.62	4.07	4.54	5.89	6.97	7.89	10.14	11.76	94.14
MEAN	0.0	0.0	0.655	0.578	0.645	0.836	0.990	1.120	1.440	1.669	15.743
CLOCK HR. COR.	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.872	2.193	2.184	0.863	-0.405	-0.971	0.975	0.374	-0.530
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.819 ; INTERCEPT (TIME=1 HOUR) =0.734 ; COEFFICIENT OF DETERMINATION = 0.979
1HR INTERCEPT / MEAN YR =0.04662 ; AVERAGE CALC CV / USED CV = 1.68

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	13.661	10.694	10.664	7.577	6.519	6.273	8.677	3.704	5.414
N	0	0	4	5	5	5	5	5	5	7	7
RECORD YEAR	0	0	1970	1970	1970	1970	1970	1968	1968	1968	1973
RECORD MAXIMUM	0.0	0.0	1.400	1.400	1.400	1.400	1.400	1.500	2.300	2.600	25.100
NORMILIZED MAX	0.0	0.0	1.175	1.592	1.657	1.466	1.187	0.916	1.589	1.494	1.424
CALC. COEF. VAR	0.0	0.0	0.967	0.894	0.707	0.460	0.349	0.370	0.376	0.374	0.417
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0416	0.0367	0.0410	0.0531	0.0629	0.0711	0.0915	0.1060	1.0000
RP10/A	0.0	0.0	0.0641	0.0565	0.0631	0.0818	0.0968	0.1095	0.1408	0.1632	1.4393
RP25/A	0.0	0.0	0.0770	0.0679	0.0758	0.0983	0.1163	0.1316	0.1692	0.1960	1.6342
RP50/A	0.0	0.0	0.0864	0.0761	0.0850	0.1102	0.1304	0.1476	0.1898	0.2199	1.7672
RP100/A	0.0	0.0	0.0955	0.0842	0.0940	0.1219	0.1442	0.1632	0.2098	0.2431	1.8917
RP1000/A	0.0	0.0	0.1248	0.1100	0.1228	0.1592	0.1884	0.2132	0.2741	0.3177	2.2652
RP10000/A	0.0	0.0	0.1531	0.1349	0.1506	0.1953	0.2311	0.2615	0.3362	0.3896	2.6007
PMP/A	0.0	0.0	0.2933	0.2586	0.2866	0.3743	0.4429	0.5012	0.6444	0.7467	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS.
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E60 7821 0	SAN JOSE CITY	70		07S	01E		M	37.350	121.900	SANTA CLARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1908	0.06	0.11	0.15	0.19	0.31	0.35	0.51	0.75	0.78	0.81	10.07
1909	0.09	0.14	0.15	0.35	0.46	0.68	0.73	1.06	1.67	2.40	23.53
1910	0.10	0.16	0.19	0.20	0.28	0.31	0.43	0.59	0.79	0.85	7.66
1911	0.18	0.19	0.22	0.34	0.65	1.09	1.39	1.85	2.72	4.56	24.42
1912	0.08	0.14	0.14	0.14	0.20	0.34	0.37	0.62	0.92	1.17	9.21
1913	0.17	0.18	0.34	0.36	0.39	0.53	0.67	0.85	1.27	1.76	12.00
1914	0.10	0.15	0.19	0.31	0.36	0.62	0.80	0.91	1.35	1.85	17.75
1915	0.17	0.22	0.23	0.27	0.40	0.68	1.01	1.69	2.52	2.77	21.72
1916	0.11	0.15	0.17	0.24	0.39	0.62	0.94	1.25	2.09	2.78	17.23
1917	0.09	0.15	0.18	0.25	0.45	0.62	0.83	1.34	1.64	2.65	8.21
1918	0.13	0.17	0.21	0.33	0.57	1.11	1.31	1.78	3.11	4.47	18.26
1919	0.08	0.11	0.12	0.13	0.23	0.41	0.55	0.56	1.18	1.89	11.98
1920	0.14	0.20	0.20	0.24	0.31	0.34	0.47	0.60	0.80	1.11	12.85
1921	0.13	0.16	0.19	0.24	0.37	0.58	0.68	0.93	1.04	1.72	14.60
1922	0.11	0.17	0.19	0.25	0.36	0.49	0.54	0.84	1.07	1.60	16.99
1923	0.07	0.13	0.19	0.20	0.35	0.35	0.39	0.77	0.79	0.82	6.83
1924	0.11	0.16	0.17	0.22	0.37	0.53	0.63	0.77	1.06	1.11	9.51
1925	0.13	0.19	0.24	0.26	0.31	0.40	0.62	0.60	0.69	0.65	12.15
1926	0.11	0.13	0.16	0.22	0.35	0.47	0.60	0.85	1.26	1.56	16.59
1927	0.10	0.14	0.17	0.21	0.32	0.46	0.52	0.62	1.06	1.17	13.07
1928	0.15	0.22	0.27	0.30	0.34	0.48	0.53	0.77	1.11	1.27	10.88
1929	0.14	0.22	0.28	0.42	0.50	0.53	0.56	0.70	0.83	1.09	6.04
1930	0.12	0.18	0.20	0.25	0.36	0.53	0.60	0.76	0.81	1.44	11.56
1931	0.09	0.14	0.19	0.27	0.30	0.47	0.54	0.76	0.88	1.16	14.31
1932	0.14	0.21	0.26	0.33	0.36	0.50	0.55	0.67	1.00	1.40	8.31
1933	0.10	0.14	0.16	0.19	0.29	0.38	0.46	0.72	0.86	0.89	10.35
1934	0.22	0.41	0.47	0.57	0.67	0.84	0.63	1.04	1.05	1.31	10.65
1935	0.08	0.13	0.17	0.28	0.41	0.56	0.80	1.19	1.19	1.33	13.15
1936	0.09	0.15	0.19	0.25	0.35	0.61	0.64	1.09	1.25	1.59	13.67
1937	0.10	0.17	0.23	0.34	0.48	0.76	*****	1.41	2.29	2.79	17.44
1938	0.17	0.24	0.27	0.31	0.37	0.52	0.60	0.82	0.95	1.56	17.75
1939	0.08	0.12	0.13	0.19	0.26	0.41	0.43	0.67	0.85	1.54	8.73
1940	0.15	0.18	0.23	0.33	0.50	0.65	0.69	0.88	1.19	1.65	20.66
1941	0.18	0.24	0.29	0.35	0.38	0.46	0.54	0.91	1.13	1.34	21.28
1942	0.13	0.27	0.33	0.50	0.85	0.97	1.10	1.24	1.61	2.08	14.05
1943	0.18	0.24	0.29	0.35	0.41	0.63	0.78	1.10	1.41	1.81	11.29
1944	0.14	0.18	0.20	0.30	0.47	0.64	0.73	0.95	1.45	1.54	16.46
1945	0.08	0.11	0.13	0.19	0.34	0.51	0.65	0.88	1.00	1.73	12.19
1946	0.05	0.10	0.15	0.15	0.25	0.41	0.55	0.76	0.80	0.97	9.01
1947	0.09	0.16	0.18	0.20	0.31	0.39	0.39	0.53	0.66	0.72	7.74
1948	0.10	0.16	0.21	0.26	0.31	0.49	0.60	1.08	1.13	1.99	11.10
1949	0.07	0.10	0.12	0.18	0.24	0.35	0.48	0.74	0.99	0.99	9.83
1950	0.30	0.34	0.35	0.38	0.40	0.50	0.59	0.93	1.05	1.79	14.70
1951	0.12	0.20	0.20	0.26	0.33	0.41	0.44	0.65	0.77	1.02	12.21
1952	0.25	0.28	0.31	0.36	0.42	0.47	0.67	1.14	1.97	2.58	18.81
1953	0.11	0.17	0.25	0.34	0.41	0.77	0.90	1.37	1.41	1.42	6.12
1954	0.16	0.24	0.38	0.46	0.47	0.51	0.54	0.92	1.09	1.21	11.83
1955	0.09	0.17	0.24	0.36	0.52	0.74	0.98	1.57	2.00	2.75	17.90
1956	0.13	0.21	0.27	0.40	0.53	0.59	0.70	0.79	0.88	1.05	9.20
1957	0.25	0.28	0.38	0.36	0.67	0.84	0.49	0.84	1.34	1.36	12.76
1958	0.07	0.14	0.16	0.22	0.36	0.48	0.60	0.97	1.22	1.51	18.66
1959	0.07	0.11	0.15	0.24	0.41	0.59	0.82	1.34	1.89	2.04	11.53
1960	0.07	0.13	0.15	0.24	0.36	0.47	0.52	0.85	1.18	1.22	11.97
1961	0.07	0.12	0.14	0.21	0.30	0.39	0.47	0.65	1.06	1.14	9.81
1962	0.09	0.16	0.19	0.28	0.50	0.70	0.95	1.66	2.66	4.10	15.34
1963	0.14	0.21	0.25	0.31	0.51	0.72	0.94	1.33	1.76	2.75	18.14
1964	0.14	0.24	0.33	0.52	0.79	1.01	1.16	1.54	1.67	2.12	14.47
1965	0.09	0.11	0.13	0.19	0.27	0.38	0.39	0.60	0.93	1.12	13.87
1966	0.08	0.11	0.13	0.17	0.30	0.47	0.52	0.91	1.14	1.23	8.60
1967	0.30	0.32	0.34	0.40	0.57	0.77	0.85	1.14	1.51	2.15	18.01
1968	0.35	0.67	0.88	1.39	1.53	1.92	1.92	2.77	3.44	3.85	15.64
1969	0.20	0.23	0.24	0.26	0.38	0.63	0.87	1.07	1.12	1.33	18.25
1970	0.15	0.19	0.24	0.35	0.66	0.80	0.95	1.52	2.22	2.96	18.52
1971	0.10	0.11	0.13	0.16	0.20	0.31	0.38	0.58	0.64	0.70	8.45
1972	0.16	0.30	0.41	0.63	0.70	0.81	0.95	1.16	1.47	1.68	11.71
1973	0.14	0.25	0.33	0.35	0.40	0.50	0.71	1.25	1.28	1.55	8.51
1974	0.08	0.11	0.15	0.23	0.41	0.66	0.92	1.16	1.27	1.27	12.03
1975	0.16	0.24	0.26	0.37	0.44	0.64	0.69	0.85	1.20	1.22	12.35

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN DPFBR SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
F60 7821 0	SAN JOSE CITY	70		07S	01E		M	37.350	121.900	SANTA CLARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION DEDAYS HEHOURS MEMINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.17	0.21	0.28	0.39	0.54	0.64	0.92	1.22	1.57	13.02
5	0.17	0.24	0.30	0.40	0.55	0.76	0.90	1.29	1.71	2.22	16.98
10	0.20	0.29	0.36	0.48	0.66	0.91	1.07	1.54	2.05	2.65	19.27
20	0.23	0.34	0.41	0.55	0.76	1.05	1.23	1.78	2.36	3.06	21.28
25	0.26	0.35	0.43	0.57	0.79	1.09	1.29	1.85	2.46	3.18	21.88
40	0.26	0.38	0.46	0.62	0.85	1.18	1.39	2.01	2.66	3.45	23.10
50	0.27	0.39	0.48	0.64	0.89	1.22	1.44	2.08	2.76	3.57	23.66
100	0.30	0.43	0.53	0.71	0.98	1.35	1.59	2.30	3.05	3.95	25.33
200	0.32	0.47	0.58	0.78	1.07	1.48	1.74	2.52	3.34	4.32	26.91
1000	0.39	0.57	0.70	0.93	1.28	1.77	2.08	3.00	3.98	5.16	30.33
10000	0.47	0.70	0.85	1.14	1.57	2.17	2.55	3.68	4.89	6.33	34.82
PMP	0.91	1.33	1.63	2.18	3.01	4.16	4.90	7.06	9.37	12.12	80.07
MEAN	0.129	0.189	0.232	0.310	0.427	0.590	0.695	1.002	1.329	1.721	13.389
CLOCK HR. CORR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.652	2.982	3.265	4.260	3.265	2.762	1.879	1.848	1.650	1.612	0.487
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.536 ; INTERCEPT (TIME=1 HOUR) =0.426 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.03183 ; AVERAGE CALC CV / USED CV = 1.13

KURTOSIS	6.245	16.789	19.481	29.485	19.049	15.188	8.535	8.905	5.784	5.723	2.721
N	68	68	68	68	68	68	67	68	68	68	68
RECORD YEAR	1968	1966	1968	1968	1968	1968	1968	1968	1968	1911	1911
RECORD MAXIMUM	0.350	0.670	0.880	1.390	1.530	1.920	1.920	2.770	3.440	4.560	24.420
NORMALIZED MAX	3.717	5.578	5.839	6.513	5.787	5.438	4.513	4.678	3.594	3.308	2.558
CALC. COEF. VAR	0.460	0.456	0.478	0.536	0.447	0.414	0.391	0.377	0.442	0.499	0.322
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0096	0.0141	0.0173	0.0231	0.0319	0.0441	0.0519	0.0749	0.0993	0.1285	1.0000
RP10/A	0.0148	0.0217	0.0267	0.0356	0.0491	0.0679	0.0799	0.1153	0.1529	0.1979	1.4393
RP25/A	0.0178	0.0261	0.0321	0.0428	0.0590	0.0816	0.0960	0.1385	0.1836	0.2377	1.6342
RP50/A	0.0200	0.0293	0.0360	0.0480	0.0661	0.0915	0.1077	0.1553	0.2060	0.2666	1.7672
RP100/A	0.0221	0.0324	0.0398	0.0530	0.0731	0.1012	0.1191	0.1717	0.2278	0.2948	1.8917
RP1000/A	0.0289	0.0423	0.0519	0.0693	0.0955	0.1322	0.1556	0.2244	0.2976	0.3852	2.2652
RP10000/A	0.0354	0.0519	0.0637	0.0850	0.1172	0.1621	0.1908	0.2752	0.3650	0.4724	2.6007
PMP/A	0.0679	0.0995	0.1221	0.1629	0.2245	0.3107	0.3656	0.5274	0.6995	0.9054	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
E60 9148 0	UNITED TECHNOLOGY C	735	20	08S	03E	J	M	37.227	121.676	SANTA CLARA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1962	*****	*****	*****	*****	0.10	0.15	0.20	0.23	0.23	0.23	1.60
1964	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.80	11.10
1966	*****	*****	*****	*****	0.33	0.48	0.65	1.15	1.63	1.71	13.48
1967	*****	*****	*****	*****	0.35	0.46	0.53	0.79	1.00	1.26	11.05
1972	*****	*****	0.20	0.30	0.40	0.50	0.70	0.90	1.10	1.30	8.00
1973	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.59	25.30
1974	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.39	18.70

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
E60 9148 0	UNITED TECHNOLOGY C	735	20	08S	03E	J	M	37.227	121.676	SANTA CLARA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.0	0.0	0.28	0.37	0.48	0.70	0.91	1.21	12.33
5	0.0	0.0	0.0	0.0	0.40	0.52	0.68	0.99	1.28	1.71	16.13
10	0.0	0.0	0.0	0.0	0.47	0.62	0.81	1.18	1.52	2.04	18.37
20	0.0	0.0	0.0	0.0	0.54	0.72	0.93	1.36	1.76	2.35	20.35
25	0.0	0.0	0.0	0.0	0.57	0.75	0.97	1.42	1.83	2.45	20.95
40	0.0	0.0	0.0	0.0	0.61	0.81	1.05	1.54	1.98	2.66	22.17
50	0.0	0.0	0.0	0.0	0.64	0.84	1.09	1.59	2.05	2.75	22.73
100	0.0	0.0	0.0	0.0	0.70	0.93	1.20	1.76	2.27	3.04	24.41
200	0.0	0.0	0.0	0.0	0.77	1.02	1.32	1.93	2.48	3.33	26.00
1000	0.0	0.0	0.0	0.0	0.92	1.22	1.57	2.30	2.97	3.97	29.49
10000	0.0	0.0	0.0	0.0	1.13	1.49	1.93	2.82	3.64	4.87	34.11
PMP	0.0	0.0	0.0	0.0	2.16	2.86	3.70	5.41	6.97	9.34	76.23
MEAN	0.0	0.0	0.0	0.0	0.307	0.405	0.525	0.767	0.990	1.326	12.747
CLOCK HR. COR.	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	-1.703	-1.942	-1.449	-1.101	-0.608	-1.831	0.367
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.520 ; INTERCEPT (TIME=1 HOUR) =0.302 ; COEFFICIENT OF DETERMINATION = 0.986
1HR INTERCEPT / MEAN YR =0.02372 ; AVERAGE CALC CV / USED CV = 1.08

KURTOSIS	0.0	0.0	0.0	0.0	13.332	13.846	12.312	12.286	12.051	8.179	5.165
N	0	0	1	1	4	4	4	4	4	7	7
RECORD YEAR	0	0	0	0	1972	1972	1972	1966	1966	1964	1973
RECORD MAXIMUM	0.0	0.0	0.0	0.0	0.400	0.500	0.700	1.150	1.630	1.800	25.300
NORMILIZED MAX	0.0	0.0	0.0	0.0	0.672	0.559	0.769	0.984	1.109	0.904	1.653
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.452	0.417	0.433	0.406	0.583	0.396	0.596
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0	0.0	0.0241	0.0318	0.0412	0.0602	0.0777	0.1040	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0371	0.0490	0.0634	0.0927	0.1196	0.1601	1.4411
RP25/A	0.0	0.0	0.0	0.0	0.0445	0.0588	0.0762	0.1114	0.1436	0.1924	1.6437
RP50/A	0.0	0.0	0.0	0.0	0.0499	0.0660	0.0855	0.1249	0.1611	0.2158	1.7833
RP100/A	0.0	0.0	0.0	0.0	0.0552	0.0730	0.0945	0.1381	0.1782	0.2386	1.9147
RP1000/A	0.0	0.0	0.0	0.0	0.0721	0.0953	0.1235	0.1805	0.2328	0.3117	2.3133
RP10000/A	0.0	0.0	0.0	0.0	0.0885	0.1169	0.1514	0.2213	0.2855	0.3823	2.6757
PMP/A	0.0	0.0	0.0	0.0	0.1696	0.2241	0.2903	0.4242	0.5471	0.7327	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. SSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	SMM	LATITUDE	LONGITUDE	COUNTY
000 674 50	BEN LOMOND RRNG	504	09	10S	02W		M	37.083	122.080	SANTA CRUZ

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1962	0.18	0.29	0.37	0.54	0.66	1.30	1.77	3.08	3.74	3.95	33.14
1963	0.20	0.26	0.30	0.51	0.73	1.23	1.83	3.29	5.43	8.43	56.00
1964	0.19	0.26	0.35	0.53	0.98	1.31	1.77	2.49	3.63	4.15	27.89
1965	0.33	0.53	0.58	0.70	0.90	1.19	1.57	2.50	3.57	6.53	44.69
1966	0.13	0.17	0.21	0.32	0.57	1.04	1.60	2.00	3.02	4.05	30.56
1967	0.13	0.21	0.28	0.52	0.87	1.62	2.17	3.40	7.23	10.94	68.62
1968	0.13	0.22	0.31	0.51	0.90	1.38	1.78	2.48	4.21	5.16	32.27
1969	0.19	0.26	0.35	0.65	1.18	1.44	2.06	3.71	5.97	7.24	55.16
1970	0.14	0.21	0.30	0.40	0.61	1.02	1.50	2.31	3.49	5.23	45.90
1971	0.18	0.30	0.37	0.56	0.76	1.17	1.40	1.83	2.39	3.29	32.89
1973	0.15	0.28	0.31	0.56	0.73	1.21	1.78	2.98	3.64	4.13	57.66
1974	0.13	0.20	0.29	0.44	0.86	1.62	2.09	2.96	3.39	3.87	49.07
1975	0.16	0.25	0.31	0.40	0.72	1.40	1.89	2.72	3.38	3.55	36.15

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. SSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	SMM	LATITUDE	LONGITUDE	COUNTY
000 674 50	BEN LOMOND RRNG	504	09	10S	02W		M	37.083	122.080	SANTA CRUZ

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.16	0.26	0.31	0.47	0.74	1.20	1.64	2.56	3.76	5.00	41.63
5	0.22	0.34	0.43	0.66	1.04	1.69	2.31	3.60	5.29	7.03	54.81
10	0.27	0.41	0.51	0.79	1.24	2.01	2.75	4.28	6.29	8.36	62.86
20	0.30	0.47	0.59	0.90	1.43	2.30	3.16	4.92	7.23	9.60	70.12
25	0.32	0.49	0.61	0.94	1.48	2.40	3.29	5.11	7.52	9.99	72.35
40	0.34	0.53	0.66	1.02	1.60	2.59	3.55	5.53	8.12	10.79	76.89
50	0.35	0.56	0.69	1.05	1.66	2.68	3.68	5.72	8.41	11.17	79.00
100	0.39	0.60	0.76	1.16	1.83	2.96	4.05	6.30	9.27	12.31	85.33
200	0.43	0.65	0.82	1.26	1.99	3.22	4.42	6.88	10.11	13.43	91.42
1000	0.51	0.78	0.98	1.50	2.37	3.83	5.25	8.17	12.01	15.95	104.89
10000	0.62	0.95	1.19	1.83	2.89	4.67	6.40	9.96	14.64	19.44	123.06
PMP	1.21	1.86	2.35	3.60	5.67	9.17	12.56	19.57	28.77	38.22	260.36
MEAN	0.172	0.265	0.333	0.511	0.805	1.302	1.785	2.778	4.084	5.425	83.538
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.232	2.889	2.037	-0.028	0.749	0.331	0.082	0.101	1.364	1.446	0.308
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800

SLOPE OF LOG INTENSITY / LOG TIME = -.352 ; INTERCEPT (TIME=1 HOUR) =0.830 ; COEFFICIENT OF DETERMINATION = 0.995
INR INTERCEPT / MEAN YR =0.01914 ; AVERAGE CALC CV / USED CV = 0.56

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	9.806	10.620	9.467	3.779	4.351	3.260	3.072	3.437	5.000	5.153	2.379
N	13	13	13	13	13	13	13	13	13	13	13
RECORD YEAR	1965	1965	1965	1965	1969	1967	1967	1969	1967	1967	1967
RECORD MAXIMUM	0.330	0.530	0.580	0.700	1.180	1.620	2.170	3.710	7.230	10.940	68.620
NORMILIZED MAX	2.810	3.000	2.885	1.937	2.254	1.681	1.685	1.813	2.356	2.028	1.727
CALC. COEF. VAR	0.318	0.338	0.257	0.202	0.206	0.145	0.129	0.185	0.327	0.419	0.280
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0040	0.0061	0.0077	0.0117	0.0185	0.0299	0.0410	0.0638	0.0938	0.1246	1.0000
RP10/A	0.0061	0.0094	0.0118	0.0181	0.0285	0.0481	0.0632	0.0903	0.1845	0.1919	1.4437
RP25/A	0.0073	0.0112	0.0141	0.0216	0.0341	0.0551	0.0755	0.1175	0.1727	0.2294	1.6617
RP50/A	0.0081	0.0125	0.0157	0.0241	0.0381	0.0616	0.0844	0.1313	0.1931	0.2565	1.8144
RP100/A	0.0090	0.0138	0.0174	0.0266	0.0420	0.0679	0.0931	0.1448	0.2129	0.2827	1.9598
RP1000/A	0.0116	0.0179	0.0225	0.0345	0.0544	0.0880	0.1206	0.1876	0.2758	0.3664	2.4091
RP10000/A	0.0142	0.0218	0.0274	0.0420	0.0663	0.1072	0.1470	0.2287	0.3362	0.4466	2.8264
PMP/A	0.0279	0.0428	0.0539	0.0826	0.1303	0.2107	0.2889	0.4495	0.6608	0.8778	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. HSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
000 1005 0	BOULDER CREEK	2175	16	09S	03W	Q	M	37.142	122.195	SANTA CRUZ

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C=YR
1944	0.15	0.23	0.30	0.60	0.92	1.50	1.85	2.58	3.36	5.04	61.99
1945	0.19	0.22	0.38	0.60	0.80	1.47	2.06	3.60	5.59	9.29	60.61
1946	0.15	0.25	0.38	0.60	0.80	0.95	1.27	2.14	3.82	6.50	33.75
1947	0.22	0.22	0.25	0.50	0.90	1.80	2.08	3.25	4.82	5.01	40.33
1948	*****	*****	*****	*****	0.68	1.05	1.28	1.93	2.28	4.12	50.22
1949	0.26	0.35	0.45	0.60	0.90	1.65	2.26	3.63	3.92	5.03	46.99
1950	0.18	0.37	0.55	0.73	1.26	1.73	2.16	3.28	4.98	6.96	91.00
1951	0.29	0.35	0.45	0.75	1.25	2.33	2.91	4.12	4.81	4.87	68.24
1952	0.30	0.38	0.54	1.07	1.57	2.25	2.59	3.68	5.46	6.71	79.48
1953	0.20	0.26	0.28	0.50	0.73	1.30	1.69	3.47	4.80	5.68	48.63
1954	0.10	0.19	0.30	0.55	0.80	1.25	1.88	3.07	4.56	6.01	63.27
1955	0.20	0.33	0.44	0.90	1.60	2.55	3.26	5.33	6.35	12.53	66.57
1956	0.20	0.24	0.30	0.48	0.67	1.15	1.48	2.88	3.33	4.87	40.94
1957	0.16	0.20	0.30	0.50	0.85	1.39	2.08	3.97	5.54	6.97	64.32
1958	0.13	0.25	0.35	0.60	0.84	1.42	1.82	2.54	3.98	5.05	67.81
1959	0.20	0.25	0.33	0.60	1.14	2.25	3.35	5.87	9.62	11.31	49.35
1960	0.16	0.25	0.35	0.54	0.85	1.50	2.03	3.31	4.31	4.86	52.84
1961	0.20	0.35	0.45	0.56	0.82	1.04	1.26	1.51	2.37	3.87	34.97
1962	0.17	0.23	0.32	0.63	0.93	1.75	2.28	4.15	8.09	14.09	72.92
1963	0.24	0.40	0.48	0.68	0.90	1.62	1.92	2.95	5.56	6.98	72.27
1964	0.40	0.70	0.82	1.05	1.25	1.65	2.08	3.19	4.89	6.25	63.02
1965	0.31	0.35	0.38	0.44	0.75	1.39	2.06	3.26	4.01	5.03	55.96
1966	0.25	0.30	0.35	0.54	0.75	1.13	1.56	2.47	3.41	4.13	46.45
1967	0.50	0.57	0.60	0.76	1.10	1.62	2.24	3.93	7.49	11.17	70.70
1968	0.14	0.25	0.40	0.60	1.20	1.60	2.30	4.17	5.99	7.52	59.43
1969	0.20	0.27	0.36	0.48	0.90	1.49	2.00	3.30	6.00	7.82	98.21
1970	0.50	0.70	0.84	1.05	1.85	1.93	2.23	2.76	4.65	6.77	78.11
1971	0.18	0.27	0.32	0.37	0.63	1.22	1.51	2.23	3.36	4.55	37.11
1972	0.18	0.20	0.20	0.22	0.32	0.46	0.60	1.25	2.23	2.95	47.33
1973	*****	*****	0.60	0.70	0.80	1.40	2.00	3.20	4.80	7.00	88.90
1974	*****	*****	0.30	0.50	0.80	1.50	2.20	3.30	4.30	5.90	56.70

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. HSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
000 1005 0	BOULDER CREEK	2175	16	09S	03W	Q	M	37.142	122.195	SANTA CRUZ

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C=YR
2	0.21	0.29	0.38	0.58	0.87	1.40	1.88	2.98	4.41	6.20	57.45
5	0.29	0.41	0.53	0.82	1.22	1.97	2.61	4.19	6.20	8.72	75.63
10	0.35	0.49	0.64	0.97	1.45	2.34	3.10	4.98	7.37	10.37	88.73
20	0.40	0.56	0.73	1.11	1.66	2.69	3.57	5.73	8.47	11.91	98.76
25	0.42	0.59	0.76	1.16	1.73	2.80	3.71	5.96	8.81	12.39	99.83
40	0.45	0.63	0.82	1.25	1.87	3.02	4.01	6.44	9.52	13.39	106.11
50	0.47	0.66	0.85	1.30	1.94	3.13	4.15	6.66	9.85	13.85	109.00
100	0.52	0.72	0.99	1.43	2.13	3.45	4.57	7.34	10.86	15.27	117.74
200	0.58	0.79	1.02	1.56	2.33	3.76	4.99	8.01	11.84	16.66	126.15
1000	0.87	0.94	1.21	1.85	2.77	4.47	5.93	9.52	14.07	19.79	144.70
10000	0.81	1.14	1.48	2.26	3.37	5.45	7.22	11.60	17.15	24.12	169.81
PMP	1.80	2.24	2.90	4.43	6.63	10.71	14.20	22.80	33.70	47.42	359.27
MEAN	0.227	0.318	0.412	0.629	0.941	1.521	2.015	3.236	4.784	6.730	60.078
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.676	1.925	1.492	0.743	0.693	0.322	0.170	0.464	0.972	1.202	0.419
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800

SLOPE OF LOG INTENSITY / LOG TIME = -.386 ; INTERCEPT (TIME=1 HOUR) =0.983 ; COEFFICIENT OF DETERMINATION = 0.994
INR INTERCEPT / MEAN YR =0.01637 ; AVERAGE CALC CV / USED CV = 0.85

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C=YR
KURTOSIS	5.784	6.545	5.446	3.951	3.832	4.205	4.640	4.496	4.867	4.250	2.967
N	28	28	30	30	31	31	31	31	31	31	31
RECORD YEAR	1967	1964	1970	1952	1955	1955	1959	1959	1959	1962	1969
RECORD MAXIMUM	0.500	0.700	0.840	1.070	1.800	2.550	3.350	5.870	9.620	14.090	98.210
NORMALIZED MAX	2.746	2.842	2.039	2.242	2.330	2.387	2.389	2.717	2.971	2.761	2.311
CALC. COEF. VAR	0.437	0.422	0.365	0.312	0.301	0.284	0.277	0.300	0.340	0.396	0.275
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0038	0.0053	0.0069	0.0105	0.0157	0.0253	0.0335	0.0539	0.0796	0.1120	1.0000
RP10/A	0.0058	0.0082	0.0106	0.0161	0.0241	0.0390	0.0517	0.0830	0.1226	0.1725	1.4437
RP25/A	0.0070	0.0098	0.0126	0.0193	0.0288	0.0466	0.0618	0.0992	0.1466	0.2063	1.6617
RP50/A	0.0078	0.0109	0.0141	0.0216	0.0322	0.0521	0.0690	0.1109	0.1639	0.2306	1.8144
RP100/A	0.0086	0.0120	0.0156	0.0238	0.0355	0.0574	0.0761	0.1222	0.1807	0.2542	1.9598
RP1000/A	0.0111	0.0156	0.0202	0.0308	0.0460	0.0744	0.0986	0.1584	0.2341	0.3294	2.4091
RP10000/A	0.0136	0.0190	0.0246	0.0375	0.0561	0.0907	0.1202	0.1931	0.2854	0.4015	2.8264
PMP/A	0.0266	0.0373	0.0484	0.0738	0.1103	0.1783	0.2363	0.3795	0.5610	0.7892	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
000 1005 50	BOULDER CREEK RANG	470	29	09S	02W		M	37.117	122.117	SANTA CRUZ

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1962	0.16	0.21	0.34	0.58	0.87	0.99	1.63	2.42	3.08	4.18	35.19
1963	0.18	0.24	0.32	0.34	0.59	1.02	1.44	2.66	5.42	8.08	25.12
1964	0.22	0.30	0.39	0.53	0.82	1.36	1.61	2.44	2.88	3.05	******
1965	0.22	0.27	0.35	0.48	0.69	1.10	1.52	2.02	2.27	2.94	******
1966	0.19	0.24	0.26	0.42	0.74	1.22	1.80	2.51	2.99	3.56	27.12
1967	0.34	0.35	0.42	0.50	0.84	1.50	1.90	2.66	3.99	8.21	54.00
1968	0.21	0.22	0.25	0.33	0.63	1.19	1.70	2.09	4.36	5.78	27.88
1970	0.23	0.24	0.27	0.42	0.67	1.04	1.46	2.10	2.90	3.50	36.98
1971	0.20	0.28	0.27	0.43	0.80	1.48	2.00	2.83	4.03	7.00	26.76
1972	0.10	0.16	0.20	0.28	0.50	0.80	1.26	2.02	2.37	3.10	21.26
1973	0.20	0.34	0.47	0.72	0.99	1.50	2.23	3.62	4.87	5.60	59.59
1974	0.08	0.12	0.18	0.32	0.51	1.01	1.54	2.26	3.06	5.62	39.76
1975	0.11	0.20	0.25	0.44	0.80	1.34	1.83	2.72	3.51	3.68	40.44

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
000 1005 50	BOULDER CREEK RANG	470	29	09S	02W		M	37.117	122.117	SANTA CRUZ

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.17	0.22	0.28	0.41	0.67	1.10	1.57	2.36	3.30	4.61	34.26
5	0.24	0.32	0.40	0.58	0.94	1.55	2.20	3.32	4.64	6.49	45.11
10	0.29	0.38	0.47	0.69	1.12	1.84	2.62	3.95	5.51	7.71	51.73
20	0.33	0.43	0.58	0.79	1.29	2.12	3.01	4.54	6.33	8.86	57.71
25	0.35	0.45	0.56	0.82	1.34	2.21	3.13	4.72	6.59	9.22	59.54
40	0.37	0.49	0.61	0.89	1.45	2.38	3.38	5.10	7.12	9.96	63.28
50	0.39	0.50	0.63	0.92	1.50	2.47	3.50	5.28	7.37	10.31	65.01
100	0.43	0.55	0.69	1.01	1.65	2.72	3.86	5.82	8.12	11.36	70.22
200	0.46	0.60	0.76	1.10	1.80	2.96	4.21	6.35	8.86	12.40	75.23
1000	0.55	0.72	0.90	1.31	2.14	3.52	5.00	7.54	10.52	14.72	86.32
10000	0.67	0.87	1.09	1.60	2.61	4.29	6.10	9.19	12.83	17.95	101.27
PMP	1.32	1.72	2.15	3.14	5.12	8.48	11.99	18.07	25.22	35.28	214.26
MEAN	0.188	0.246	0.305	0.445	0.727	1.198	1.702	2.565	3.579	5.008	35.829
CLOCK NO. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.616	0.112	0.474	0.831	-0.046	-0.019	0.312	0.904	0.464	0.798	0.905
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800

SLOPE OF LOG INTENSITY / LOG TIME = -.377 ; INTERCEPT (TIME=1 HOUR) =0.769 ; COEFFICIENT OF DETERMINATION = 0.966
1HR INTERCEPT / MEAN YR =0.02146 ; AVERAGE CALC CV / USED CV = 0.61

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	4.691	3.397	3.215	4.494	3.110	2.617	3.622	4.480	3.201	3.102	3.854
N	13	13	13	13	13	13	13	13	13	13	11
RECORD YEAR	1967	1967	1973	1973	1973	1967	1973	1973	1963	1963	1973
RECORD MAXIMUM	0.340	0.350	0.470	0.720	0.990	1.500	2.230	3.620	5.420	8.080	59.590
NORMALIZED MAX	2.270	1.547	1.919	2.281	1.811	1.331	2.007	2.362	1.936	1.914	1.952
CALC. COEF. VAR	0.358	0.281	0.281	0.270	0.200	0.190	0.155	0.173	0.206	0.404	0.340
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0052	0.0068	0.0085	0.0124	0.0203	0.0334	0.0475	0.0716	0.0999	0.1398	1.0000
RP10/A	0.0081	0.0105	0.0131	0.0191	0.0312	0.0515	0.0731	0.1103	0.1539	0.2153	1.4437
RP25/A	0.0096	0.0125	0.0157	0.0229	0.0374	0.0616	0.0874	0.1318	0.1839	0.2574	1.6617
RP50/A	0.0108	0.0140	0.0175	0.0256	0.0418	0.0688	0.0978	0.1474	0.2056	0.2877	1.8140
RP100/A	0.0119	0.0154	0.0193	0.0282	0.0460	0.0759	0.1078	0.1625	0.2267	0.3172	1.9588
RP1000/A	0.0154	0.0200	0.0251	0.0366	0.0597	0.0983	0.1396	0.2105	0.2937	0.4110	2.4091
RP10000/A	0.0188	0.0244	0.0305	0.0446	0.0727	0.1198	0.1702	0.2566	0.3581	0.5010	2.8264
PMP/A	0.0369	0.0479	0.0600	0.0876	0.1429	0.2355	0.3346	0.5044	0.7038	0.9847	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
000 2048 0	CORRALITOS	260	12	11S	01E		M	36.983	121.800	SANTA CRUZ

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C=YR
1944	0.14	0.20	0.35	0.53	0.69	0.93	1.07	1.77	2.61	3.03	******
1945	0.11	0.14	0.21	0.42	0.82	1.26	2.02	3.26	3.63	4.50	28.89
1946	0.11	0.19	0.23	0.35	0.57	0.96	1.18	1.86	2.55	3.51	16.78
1947	0.17	0.19	0.21	0.32	0.50	0.96	1.14	1.47	1.70	1.78	16.61
1948	0.11	0.13	0.20	0.29	0.41	0.53	0.76	1.02	1.38	1.96	21.34
1949	0.12	0.18	0.21	0.27	0.51	0.89	1.03	1.22	1.36	1.75	17.60
1950	0.11	0.16	0.23	0.36	0.53	1.00	1.33	1.58	2.77	5.04	37.98
1951	0.18	0.31	0.34	0.56	0.79	1.24	1.52	2.57	2.77	3.43	26.34
1952	0.30	0.35	0.36	0.41	0.66	1.16	1.71	2.60	3.53	3.58	35.58
1953	0.08	0.12	0.16	0.32	0.59	1.06	1.54	2.38	2.63	2.90	16.67
1954	0.11	0.20	0.25	0.34	0.54	0.80	1.08	1.75	2.05	2.49	26.95
1955	0.19	0.37	0.45	0.60	0.76	1.24	1.54	2.48	3.46	5.96	35.34
1956	0.09	0.16	0.20	0.24	0.36	0.56	0.60	0.70	0.84	1.67	18.03
1957	0.18	0.26	0.32	0.44	0.54	0.69	0.77	1.08	1.30	1.40	26.57
1958	0.16	0.22	0.26	0.49	0.62	0.96	1.15	1.69	1.74	2.42	31.28
1959	0.30	0.48	0.62	0.66	1.15	1.89	2.50	3.66	5.09	7.34	27.40
1960	0.14	0.23	0.30	0.40	0.60	0.91	1.31	1.99	2.22	2.24	22.91
1961	0.10	0.16	0.18	0.27	0.39	0.58	0.71	0.97	1.29	1.80	14.02
1962	0.17	0.20	0.22	0.37	0.65	1.00	1.44	1.97	2.38	3.62	5.58
1963	0.15	0.16	0.18	0.34	0.58	0.91	1.14	1.90	3.13	5.33	36.73
1964	0.27	0.30	0.32	0.39	0.54	0.90	1.28	1.59	2.60	4.55	26.35
1965	0.05	0.10	0.13	0.23	0.40	0.64	0.77	1.12	1.36	1.59	21.60
1966	0.05	0.08	0.12	0.20	0.35	0.54	0.80	0.96	1.32	1.72	15.15
1967	0.16	0.17	0.20	0.24	0.36	0.59	0.71	1.02	1.56	2.08	24.65
1968	*****	*****	*****	*****	0.70	1.10	1.30	1.80	2.20	2.40	20.30
1969	*****	*****	*****	*****	0.80	1.30	1.80	2.70	3.30	5.30	45.80
1970	*****	*****	*****	*****	0.80	1.10	1.30	1.80	2.10	3.80	37.50
1971	*****	*****	*****	*****	0.30	0.40	0.50	0.90	1.10	2.00	17.60
1972	*****	*****	*****	*****	0.20	0.40	0.50	0.80	1.10	1.30	19.50
1973	*****	*****	*****	*****	0.70	0.90	1.30	2.20	2.40	2.80	40.90

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
000 2048 0	CORRALITOS	260	12	11S	01E		M	36.983	121.800	SANTA CRUZ

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C=YR
2	0.14	0.19	0.28	0.35	0.53	0.84	1.09	1.82	2.07	2.87	24.40
5	0.19	0.27	0.34	0.49	0.75	1.18	1.54	2.28	2.91	4.03	32.12
10	0.23	0.32	0.40	0.58	0.89	1.40	1.83	2.72	3.46	4.79	36.84
20	0.26	0.37	0.46	0.67	1.03	1.61	2.10	3.12	3.98	5.50	41.10
25	0.27	0.39	0.48	0.69	1.07	1.67	2.18	3.25	4.14	5.73	42.40
40	0.29	0.42	0.52	0.75	1.15	1.81	2.36	3.51	4.47	6.19	45.06
50	0.30	0.43	0.54	0.78	1.19	1.87	2.44	3.63	4.63	6.40	46.29
100	0.34	0.48	0.59	0.85	1.32	2.06	2.69	4.00	5.10	7.06	50.01
200	0.37	0.52	0.64	0.93	1.44	2.25	2.98	4.36	5.57	7.70	53.58
1000	0.43	0.62	0.77	1.11	1.71	2.67	3.49	5.18	6.61	9.14	61.47
10000	0.53	0.76	0.93	1.35	2.08	3.26	4.25	6.32	8.06	11.15	72.12
PMP	1.04	1.49	1.83	2.65	4.09	6.41	8.36	12.42	15.84	21.91	152.58
MEAN	0.148	0.211	0.260	0.377	0.580	0.909	1.187	1.763	2.249	3.110	25.515
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.975	1.285	1.687	0.749	0.556	0.733	0.692	0.695	0.861	1.030	0.228
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.000

SLOPE OF LOG INTENSITY / LOG TIME = -.817 ; INTERCEPT (TIME=1 HOUR) =0.598 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.02345 ; AVERAGE CALC CV / USED CV = 0.96

KURTOSIS	4.073	4.990	7.006	3.326	4.427	4.934	4.070	3.390	4.220	3.713	2.909
N	24	28	24	24	30	30	30	30	30	30	29
RECORD YEAR	1952	1959	1959	1959	1959	1959	1959	1959	1959	1959	1969
RECORD MAXIMUM	0.300	0.480	0.620	0.660	1.150	1.890	2.500	3.660	5.090	7.340	45.800
NORMILIZED MAX	2.264	2.878	3.258	2.336	2.927	3.092	2.830	2.559	2.956	2.754	2.164
CALC. COEF. VAR	0.454	0.446	0.424	0.322	0.335	0.349	0.391	0.420	0.427	0.494	0.367
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0058	0.0083	0.0102	0.0148	0.0227	0.0356	0.0465	0.0691	0.0881	0.1219	1.0000
RP10/A	0.0089	0.0127	0.0157	0.0227	0.0350	0.0549	0.0716	0.1064	0.1358	0.1877	1.4437
RP25/A	0.0107	0.0152	0.0188	0.0272	0.0419	0.0656	0.0856	0.1272	0.1623	0.2244	1.6617
RP50/A	0.0119	0.0170	0.0210	0.0304	0.0468	0.0734	0.0957	0.1422	0.1814	0.2509	1.8144
RP100/A	0.0132	0.0188	0.0232	0.0335	0.0516	0.0809	0.1055	0.1568	0.2000	0.2766	1.9598
RP1000/A	0.0170	0.0243	0.0300	0.0434	0.0669	0.1048	0.1368	0.2032	0.2592	0.3584	2.4091
RP10000/A	0.0208	0.0296	0.0366	0.0529	0.0815	0.1277	0.1667	0.2477	0.3159	0.4368	2.8264
PMP/A	0.0408	0.0582	0.0719	0.1040	0.1602	0.2511	0.3276	0.4868	0.6210	0.8586	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
000 2290 50	DAVENPORT RANG	0		S	W		M	0.0	0.0	SANTA CRUZ

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1961	0.14	0.17	0.20	0.28	0.54	0.76	0.80	1.35	2.27	2.73	******
1962	0.17	0.20	0.26	0.36	0.42	1.18	1.74	2.81	2.88	2.92	18.76
1963	0.14	0.24	0.32	0.54	0.98	1.17	1.24	1.90	2.28	3.50	28.61
1964	0.29	0.38	0.44	0.63	0.82	1.08	1.40	1.81	2.27	2.69	15.95
1965	0.25	0.32	0.40	0.60	0.67	0.83	1.42	1.47	1.91	1.97	30.81
1966	0.34	0.45	0.53	0.88	1.22	1.36	1.54	1.98	2.12	2.59	21.15
1967	0.30	0.33	0.42	0.61	0.84	1.07	1.22	1.92	2.74	5.62	43.18
1968	0.34	0.37	0.41	0.48	0.61	0.87	1.12	1.47	2.45	3.25	24.18
1969	0.30	0.35	0.38	0.42	0.77	1.21	1.51	2.20	2.78	3.21	45.38
1970	0.31	0.38	0.43	0.64	0.85	1.02	1.17	1.56	2.16	2.52	26.29
1971	0.54	0.68	0.82	0.85	1.28	1.57	1.27	1.63	2.65	4.71	27.51
1972	0.28	0.32	0.37	0.44	0.57	0.64	1.10	1.58	2.42	2.59	20.33
1973	0.24	0.41	0.48	0.78	1.22	1.28	1.28	1.93	2.56	3.36	31.73
1974	0.11	0.16	0.24	0.48	0.88	1.36	1.70	2.66	2.89	3.87	41.05
1975	0.19	0.20	0.22	0.26	0.39	0.75	1.09	1.83	2.66	3.46	20.08

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
000 2290 50	DAVENPORT RANG	0		S	W		M	0.0	0.0	SANTA CRUZ

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.24	0.30	0.36	0.51	0.74	0.99	1.21	1.71	2.26	3.00	26.96
5	0.34	0.43	0.51	0.71	1.04	1.39	1.70	2.41	3.18	4.21	35.50
10	0.40	0.51	0.61	0.85	1.24	1.66	2.02	2.86	3.78	5.01	40.71
20	0.46	0.59	0.70	0.97	1.42	1.91	2.32	3.29	4.34	5.76	45.42
25	0.48	0.61	0.73	1.01	1.48	1.98	2.41	3.42	4.52	5.99	46.86
40	0.52	0.68	0.79	1.09	1.60	2.14	2.60	3.69	4.88	6.47	49.81
50	0.54	0.68	0.81	1.13	1.65	2.22	2.70	3.82	5.05	6.70	51.17
100	0.60	0.75	0.90	1.25	1.82	2.44	2.97	4.21	5.57	7.38	55.27
200	0.65	0.82	0.98	1.36	1.99	2.67	3.24	4.60	6.08	8.05	59.21
1000	0.77	0.97	1.16	1.62	2.36	3.17	3.85	5.46	7.22	9.56	67.94
10000	0.94	1.19	1.41	1.97	2.88	3.86	4.69	6.66	8.80	11.66	79.71
PMP	1.85	2.33	2.78	3.87	5.66	7.59	9.22	13.08	17.29	22.91	188.64
MEAN	0.263	0.331	0.395	0.550	0.804	1.077	1.309	1.857	2.455	3.253	28.201
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.923	1.084	1.403	0.260	0.328	0.819	0.036	0.947	-0.314	1.390	0.709
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800

SLOPE OF LOG INTENSITY / LOG TIME = -.538 ; INTERCEPT (TIME=1 HOUR) =0.780 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.02766 ; AVERAGE CALC CV / USED CV = 0.83

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	5.399	5.735	6.054	2.941	2.818	2.854	3.492	3.929	2.777	5.750	3.063
N	15	15	15	15	15	15	15	15	15	15	14
RECURD YEAR	1971	1971	1971	1968	1971	1971	1962	1974	1962	1967	1969
RECORD MAXIMUM	0.540	0.680	0.820	0.880	1.280	1.570	1.740	2.860	2.880	5.620	45.380
NORMILIZED MAX	2.571	2.631	2.781	1.739	1.686	1.658	1.704	2.061	1.519	2.581	1.834
CALC. COEF. VAR	0.411	0.402	0.388	0.345	0.351	0.247	0.193	0.210	0.118	0.282	0.332
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0093	0.0117	0.0140	0.0195	0.0285	0.0382	0.0464	0.0659	0.0870	0.1153	1.0000
RP10/A	0.0143	0.0181	0.0216	0.0300	0.0439	0.0588	0.0715	0.1014	0.1341	0.1776	1.4437
RP25/A	0.0172	0.0216	0.0258	0.0359	0.0525	0.0703	0.0855	0.1213	0.1603	0.2124	1.6617
RP50/A	0.0192	0.0241	0.0288	0.0401	0.0587	0.0786	0.0956	0.1356	0.1792	0.2374	1.8144
RP100/A	0.0211	0.0266	0.0318	0.0443	0.0647	0.0866	0.1054	0.1495	0.1975	0.2617	1.9598
RP1000/A	0.0274	0.0345	0.0412	0.0573	0.0838	0.1123	0.1365	0.1937	0.2559	0.3391	2.4091
RP10000/A	0.0334	0.0420	0.0502	0.0699	0.1022	0.1368	0.1664	0.2361	0.3120	0.4134	2.8264
PMP/A	0.0656	0.0826	0.0986	0.1374	0.2009	0.2690	0.3271	0.4640	0.6132	0.8126	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
000 7916 0	SANTA CRUZ RRNG	125						36.983	122.017	SANTA CRUZ

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
	DURATION										
1962	0.18	0.19	0.28	0.47	0.67	1.17	1.70	2.29	2.85	2.87	27.38
1963	0.16	0.26	0.30	0.32	0.61	0.81	0.83	1.50	2.06	2.30	33.86
1964	0.25	0.26	0.32	0.38	0.57	0.62	0.77	1.19	1.36	1.88	18.90
1965	0.17	0.23	0.27	0.30	0.54	0.91	1.17	1.53	1.96	3.19	30.90
1966	0.22	0.25	0.31	0.40	0.52	0.79	0.92	1.54	1.88	2.12	20.02
1967	0.32	0.36	0.41	0.47	0.66	1.03	1.34	1.88	2.56	3.06	40.57
1968	0.15	0.18	0.21	0.30	0.43	0.67	0.89	1.15	1.59	2.51	20.91
1969	0.13	0.25	0.37	0.45	0.55	1.03	1.43	2.34	3.15	5.35	45.42
1970	0.14	0.21	0.28	0.36	0.51	0.65	0.78	1.50	2.24	2.70	30.25
1971	0.19	0.27	0.37	0.44	0.49	0.87	1.01	1.40	2.17	3.16	26.86
1972	0.15	0.26	0.28	0.42	0.55	0.79	0.98	1.77	2.38	3.58	18.09
1973	0.14	0.25	0.35	0.44	0.86	1.50	1.70	2.30	2.45	2.45	44.63
1974	0.14	0.18	0.27	0.48	0.92	1.66	2.17	3.25	3.38	3.50	34.87
1975	0.11	0.20	0.25	0.29	0.49	0.68	1.00	1.52	1.92	1.99	19.97

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
000 7916 0	SANTA CRUZ RRNG	125						36.983	122.017	SANTA CRUZ

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.16	0.22	0.28	0.36	0.55	0.87	1.10	1.66	2.10	2.68	28.18
5	0.23	0.31	0.40	0.51	0.77	1.22	1.54	2.33	2.96	3.76	37.10
10	0.27	0.37	0.47	0.61	0.92	1.45	1.84	2.77	3.51	4.47	42.55
20	0.31	0.42	0.54	0.70	1.06	1.67	2.11	3.18	4.04	5.14	47.47
25	0.32	0.44	0.56	0.73	1.10	1.73	2.20	3.31	4.20	5.35	48.98
40	0.35	0.48	0.61	0.78	1.19	1.87	2.37	3.58	4.54	5.78	52.05
50	0.36	0.49	0.63	0.81	1.23	1.94	2.45	3.70	4.70	5.98	53.48
100	0.40	0.54	0.69	0.89	1.36	2.14	2.71	4.08	5.18	6.59	57.76
200	0.43	0.59	0.75	0.98	1.48	2.33	2.95	4.45	5.65	7.19	61.89
1000	0.51	0.70	0.90	1.16	1.76	2.77	3.51	5.28	6.71	8.54	71.01
10000	0.63	0.86	1.09	1.41	2.14	3.37	4.27	6.44	8.18	10.41	83.30
PMP	1.23	1.69	2.15	2.78	4.21	6.63	8.40	12.66	16.08	20.46	176.25
MEAN	0.175	0.239	0.305	0.394	0.598	0.941	1.192	1.797	2.262	2.904	29.474
CLOCK NR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.576	1.013	0.364	-0.374	1.007	1.292	1.138	1.350	0.448	1.604	0.438
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800

SLOPE OF LOG INTENSITY / LOG TIME = -.464 ; INTERCEPT (TIME=1 HOUR) =0.629 ; COEFFICIENT OF DETERMINATION = 0.992
1HR INTERCEPT / MEAN YR =0.02134 ; AVERAGE CALC CV / USED CV = 0.64

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	5.988	5.645	3.397	2.219	4.938	4.555	4.147	3.391	3.460	7.096	2.632
N	14	14	14	14	14	14	14	14	14	14	14
RECORD YEAR	1967	1967	1967	1974	1974	1974	1974	1974	1974	1969	1969
RECORD MAXIMUM	0.320	0.360	0.410	0.460	0.920	1.660	2.170	3.250	3.380	5.350	45.420
NORMALIZED MAX	2.603	2.552	1.938	1.238	2.297	2.276	2.319	2.542	1.935	2.756	1.665
CALC. COEF. VAR	0.318	0.198	0.178	0.176	0.235	0.335	0.354	0.318	0.249	0.306	0.321
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0059	0.0081	0.0103	0.0134	0.0203	0.0319	0.0404	0.0610	0.0774	0.0985	1.0000
RP10/A	0.0091	0.0125	0.0159	0.0206	0.0312	0.0492	0.0623	0.0939	0.1193	0.1518	1.4437
RP25/A	0.0109	0.0149	0.0191	0.0246	0.0373	0.0588	0.0745	0.1123	0.1426	0.1814	1.6617
RP50/A	0.0122	0.0167	0.0213	0.0275	0.0418	0.0657	0.0833	0.1255	0.1594	0.2028	1.8144
RP100/A	0.0135	0.0184	0.0235	0.0304	0.0460	0.0725	0.0918	0.1384	0.1757	0.2236	1.9598
RP1000/A	0.0175	0.0239	0.0304	0.0393	0.0596	0.0939	0.1189	0.1793	0.2277	0.2897	2.4091
RP10000/A	0.0213	0.0291	0.0371	0.0479	0.0727	0.1145	0.1450	0.2185	0.2775	0.3532	2.8284
PMP/A	0.0418	0.0572	0.0729	0.0942	0.1429	0.2250	0.2850	0.4296	0.5455	0.6942	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. HSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BHM	LATITUDE	LONGITUDE	COUNTY
000 8275 50	SKYLINE SUMMIT	2000	17	09S	01W		M	37.150	121.995	SANTA CRUZ

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
..... = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1962	0.17	0.22	0.29	0.54	0.82	1.33	1.94	2.78	3.58	5.81	36.29
1963	0.19	0.21	0.29	0.40	0.82	1.40	2.02	4.00	6.75	10.91	53.80
1964	0.33	0.45	0.51	0.57	0.72	0.95	1.11	1.80	3.59	3.59	19.26
1965	0.10	0.13	0.17	0.23	0.40	0.78	1.10	1.46	2.31	4.20	47.39
1966	0.12	0.17	0.22	0.40	0.55	0.82	1.10	1.59	1.86	2.51	23.62
1967	0.24	0.37	0.50	0.58	0.86	1.55	1.96	2.67	4.25	7.22	64.92
1968	0.21	0.29	0.32	0.50	0.80	1.06	1.31	2.23	4.28	6.48	33.10
1969	0.24	0.31	0.38	0.43	0.68	1.04	1.38	2.40	3.95	6.25	41.14
1970	0.17	0.25	0.33	0.57	0.74	1.23	1.55	2.47	3.37	4.17	47.73
1971	0.15	0.23	0.31	0.54	1.00	1.85	2.40	3.03	3.48	5.74	40.75
1972	0.08	0.12	0.15	0.30	0.52	0.74	1.24	1.85	1.95	2.74	19.37
1973	0.15	0.23	0.27	0.40	0.79	1.33	1.75	3.19	4.27	5.18	54.84
1974	0.48	0.50	0.51	0.53	0.76	1.34	1.80	3.28	4.11	6.24	48.91
1975	0.12	0.22	0.27	0.42	0.68	1.05	1.20	2.37	3.60	3.83	39.65

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. HSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BHM	LATITUDE	LONGITUDE	COUNTY
000 8275 50	SKYLINE SUMMIT	2000	17	09S	01W		M	37.150	121.995	SANTA CRUZ

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.18	0.24	0.29	0.43	0.67	1.08	1.44	2.31	3.38	4.91	38.71
5	0.25	0.34	0.41	0.60	0.94	1.52	2.02	3.25	4.75	6.91	50.97
10	0.30	0.41	0.49	0.71	1.12	1.81	2.40	3.86	5.64	8.21	58.45
20	0.35	0.47	0.57	0.82	1.28	2.08	2.76	4.44	6.48	9.44	65.20
25	0.36	0.49	0.59	0.85	1.33	2.17	2.88	4.62	6.75	9.82	67.27
40	0.39	0.53	0.64	0.92	1.44	2.34	3.11	4.99	7.29	10.61	71.50
50	0.40	0.54	0.66	0.95	1.49	2.42	3.21	5.16	7.54	10.98	73.45
100	0.45	0.60	0.73	1.05	1.64	2.67	3.54	5.69	8.32	12.10	79.34
200	0.49	0.65	0.79	1.15	1.79	2.91	3.86	6.21	9.07	13.20	85.00
1000	0.58	0.78	0.94	1.36	2.13	3.46	4.59	7.38	10.78	15.68	97.53
10000	0.70	0.95	1.15	1.66	2.60	4.22	5.60	8.99	13.14	19.11	114.82
PMP	1.38	1.86	2.25	3.27	5.10	8.24	11.00	17.67	25.82	37.56	242.09
MEAN	0.196	0.264	0.320	0.464	0.724	1.176	1.561	2.509	3.665	5.332	40.484
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.700	0.918	0.561	-0.941	-0.551	0.492	0.534	0.409	0.042	1.142	-0.130
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800

SLOPE OF LOG INTENSITY / LOG TIME = -.414 ; INTERCEPT (TIME=1 HOUR) =0.762 ; COEFFICIENT OF DETERMINATION = 0.983
1HR INTERCEPT / MEAN YR =0.01882 ; AVERAGE CALC CV / USED CV = 0.81

KURTOSIS	6.766	3.912	3.282	3.840	4.150	3.575	2.829	3.462	6.031	5.723	3.210
N	14	14	14	14	14	14	14	14	14	14	14
RECORD YEAR	1974	1974	1964	1967	1971	1971	1971	1963	1963	1963	1967
RECORD MAXIMUM	0.480	0.500	0.510	0.580	1.000	1.850	2.400	4.000	6.750	10.910	64.920
NORMILIZED MAX	2.708	2.117	1.645	1.097	1.790	2.135	2.008	2.086	2.547	2.569	1.816
CALC. COEF. VAR	0.533	0.421	0.361	0.229	0.212	0.268	0.268	0.205	0.330	0.407	0.332
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0049	0.0065	0.0079	0.0115	0.0179	0.0291	0.0386	0.0620	0.0905	0.1317	1.0000
RP10/A	0.0075	0.0101	0.0122	0.0178	0.0276	0.0448	0.0594	0.0954	0.1394	0.2029	1.4837
RP25/A	0.0089	0.0120	0.0146	0.0211	0.0329	0.0535	0.0710	0.1141	0.1667	0.2425	1.6617
RP50/A	0.0100	0.0134	0.0163	0.0238	0.0368	0.0598	0.0794	0.1275	0.1863	0.2711	1.8144
RP100/A	0.0110	0.0148	0.0179	0.0260	0.0404	0.0659	0.0875	0.1406	0.2054	0.2989	1.9596
RP1000/A	0.0143	0.0192	0.0232	0.0337	0.0526	0.0854	0.1134	0.1822	0.2662	0.3873	2.4091
RP10000/A	0.0174	0.0234	0.0283	0.0410	0.0641	0.1042	0.1382	0.2221	0.3245	0.4721	2.8264
PMP/A	0.0342	0.0460	0.0557	0.0807	0.1260	0.2047	0.2717	0.4365	0.6376	0.9279	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. SSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
000 8372 30	SOQUEL RNNG	330	24	10S	01W		M	37.053	121.925	SANTA CRUZ

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
**** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1962	0.12	0.18	0.20	0.31	0.53	0.82	1.22	1.92	2.27	2.50	23.85
1963	0.14	0.55	0.40	0.72	0.98	1.45	2.07	3.95	4.95	6.48	47.53
1964	0.13	0.20	0.25	0.43	0.55	0.65	0.85	1.28	1.48	2.08	14.31
1965	0.22	0.30	0.34	0.47	0.60	0.80	1.04	1.65	2.43	4.94	34.79
1966	0.10	0.14	0.15	0.24	0.36	0.57	0.87	1.28	1.68	2.33	19.41
1967	0.37	0.49	0.55	0.78	1.21	1.77	2.29	2.90	3.50	5.94	48.11
1968	0.10	0.19	0.30	0.59	0.87	1.18	1.38	1.70	1.96	2.11	21.83
1969	0.13	0.23	0.26	0.50	0.90	1.49	1.92	2.69	3.30	5.03	30.57
1970	0.28	0.56	0.71	0.85	0.92	1.17	1.36	2.08	2.79	3.39	31.86
1971	0.29	0.43	0.56	0.77	0.89	1.05	1.25	1.31	2.23	4.24	22.48
1972	0.09	0.13	0.15	0.28	0.49	0.71	0.95	0.99	1.13	1.85	17.27
1973	0.40	0.42	0.43	0.50	0.64	0.95	1.42	2.36	2.67	3.95	40.10
1974	0.38	0.39	0.40	0.59	0.76	1.11	1.33	2.07	2.77	3.30	44.60
1975	0.16	0.18	0.25	0.47	0.89	1.16	1.42	2.31	3.15	3.36	34.35

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. SSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
000 8372 30	SOQUEL RNNG	330	24	10S	01W		M	37.053	121.925	SANTA CRUZ

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.19	0.29	0.33	0.49	0.69	0.98	1.27	1.87	2.39	3.39	29.43
5	0.27	0.41	0.46	0.69	0.98	1.38	1.79	2.64	3.36	4.76	38.74
10	0.32	0.48	0.54	0.83	1.16	1.64	2.13	3.13	3.99	5.67	44.43
20	0.37	0.55	0.63	0.95	1.33	1.88	2.45	3.60	4.59	6.51	49.57
25	0.38	0.58	0.65	0.99	1.39	1.96	2.55	3.75	4.78	6.77	51.14
40	0.41	0.62	0.70	1.07	1.50	2.11	2.75	4.05	5.16	7.32	54.35
50	0.43	0.65	0.73	1.10	1.55	2.19	2.85	4.19	5.34	7.57	55.84
100	0.47	0.71	0.80	1.22	1.71	2.41	3.14	4.62	5.89	8.35	60.31
200	0.51	0.78	0.86	1.33	1.86	2.63	3.42	5.04	6.42	9.11	64.62
1000	0.61	0.92	1.00	1.58	2.21	3.13	4.07	5.98	7.63	10.82	74.14
10000	0.75	1.12	1.27	1.92	2.70	3.81	4.96	7.29	9.30	13.18	86.98
PMP	1.06	2.21	2.49	3.77	5.30	7.49	9.75	14.34	18.27	25.92	184.00
MEAN	0.208	0.314	0.354	0.536	0.753	1.063	1.384	2.035	2.594	3.679	30.776
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.679	0.403	0.758	0.116	0.041	0.492	0.865	1.016	0.870	0.547	0.214
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.600
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800

SLOPE OF LOG INTENSITY / LOG TIME = -.480 ; INTERCEPT (TIME=1 HOUR) =0.760 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.02469 ; AVERAGE CALC CV / USED CV = 1.00

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	2.457	2.213	3.581	2.700	3.052	3.368	3.689	4.861	5.090	2.864	2.430
N	14	14	14	14	14	14	14	14	14	14	14
RECORD YEAR	1973	1970	1970	1970	1967	1967	1967	1963	1963	1963	1967
RECORD MAXIMUM	0.400	0.560	0.710	0.850	1.210	1.770	2.290	3.950	4.950	6.480	48.110
NORMILIZED MAX	1.886	1.587	2.147	1.637	1.915	2.049	2.073	2.432	2.438	1.887	1.530
CALC. COEF. VAR	0.548	0.495	0.469	0.358	0.317	0.325	0.316	0.387	0.373	0.404	0.368
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0068	0.0102	0.0115	0.0174	0.0245	0.0345	0.0450	0.0661	0.0843	0.1195	1.0000
RP10/A	0.0104	0.0157	0.0177	0.0268	0.0377	0.0532	0.0692	0.1018	0.1298	0.1841	1.4037
RP25/A	0.0124	0.0188	0.0212	0.0321	0.0450	0.0636	0.0828	0.1216	0.1552	0.2201	1.6617
RP50/A	0.0139	0.0210	0.0236	0.0358	0.0504	0.0711	0.0925	0.1361	0.1735	0.2460	1.8144
RP100/A	0.0153	0.0231	0.0261	0.0395	0.0555	0.0784	0.1020	0.1500	0.1912	0.2712	1.9598
RP1000/A	0.0199	0.0300	0.0338	0.0512	0.0719	0.1015	0.1322	0.1944	0.2478	0.3513	2.4091
RP10000/A	0.0242	0.0365	0.0412	0.0624	0.0877	0.1238	0.1611	0.2370	0.3021	0.4284	2.8264
PMP/A	0.0476	0.0718	0.0809	0.1226	0.1723	0.2433	0.3167	0.4658	0.5937	0.8421	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BHM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUB										
010 3232 0	FREEDOM BNNW	1495	24	108	01E		M	37.050	121.817	SANTA CRUZ

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.86	*****	*****	3.43	*****	7.35	78.03
1941	*****	*****	*****	*****	0.78	*****	*****	3.06	*****	6.50	74.33
1942	*****	*****	*****	*****	0.51	*****	*****	1.80	*****	4.41	44.95
1943	*****	*****	*****	*****	0.30	*****	*****	0.96	*****	1.80	33.00
1944	*****	*****	*****	*****	0.70	*****	*****	2.00	*****	4.66	47.18
1945	*****	*****	*****	*****	1.00	*****	*****	4.16	*****	7.15	48.22
1946	*****	*****	*****	*****	0.70	*****	*****	3.08	*****	7.32	27.33
1947	*****	*****	*****	*****	0.55	*****	*****	1.05	*****	3.24	30.23
1948	*****	*****	*****	*****	0.66	*****	*****	1.30	*****	2.88	31.32
1949	*****	*****	*****	*****	0.58	*****	*****	2.24	*****	3.06	23.85
1950	*****	*****	*****	*****	0.83	*****	*****	3.70	*****	11.94	69.57
1951	*****	*****	*****	*****	0.77	*****	*****	2.57	*****	4.30	47.79
1952	0.34	0.48	0.53	0.71	1.05	1.94	2.65	4.72	6.23	6.53	53.69
1953	0.18	0.27	0.40	0.54	0.72	1.37	1.75	2.67	3.28	3.97	25.75
1954	0.22	0.32	0.40	0.55	0.75	1.03	1.42	2.41	3.07	4.17	41.92
1955	0.23	0.44	0.61	0.85	1.32	2.10	2.65	4.43	6.65	9.16	49.03
1956	0.07	0.12	0.17	0.31	0.49	0.89	1.15	1.69	2.00	2.45	25.69
1957	0.08	0.15	0.20	0.30	0.49	0.96	1.35	2.40	3.46	4.26	40.45
1958	0.26	0.30	0.34	0.59	0.75	1.29	1.49	2.12	2.88	4.00	50.27
1959	0.20	0.28	0.37	0.52	0.70	1.23	1.86	2.91	4.66	6.98	37.73
1960	0.13	0.25	0.45	0.49	0.75	1.29	1.67	2.53	2.77	3.46	30.69
1961	*****	*****	0.19	0.25	0.36	0.74	0.92	1.18	1.57	1.93	19.14
1962	*****	*****	0.54	0.75	0.93	1.50	1.78	2.65	4.98	6.06	49.06
1963	*****	*****	0.19	0.34	0.61	1.09	1.35	2.27	4.19	7.92	51.86
1964	*****	*****	0.23	0.36	0.70	1.22	1.63	2.35	3.83	6.21	38.42
1965	*****	*****	0.18	0.24	0.40	0.65	1.00	1.48	1.73	2.26	31.00
1966	*****	*****	0.25	0.35	0.49	0.94	1.11	1.86	2.94	3.61	23.69
1967	*****	*****	0.30	0.47	0.94	1.59	2.08	2.69	4.51	5.23	46.00
1968	*****	*****	0.33	0.49	0.67	0.94	1.20	1.63	3.13	3.75	31.94
1969	*****	*****	0.26	0.37	0.74	1.28	1.75	2.76	3.82	6.25	60.65
1970	*****	*****	0.37	0.44	0.54	0.80	0.69	1.59	2.61	3.79	50.87
1971	*****	*****	0.24	0.30	0.48	0.75	0.87	1.20	1.57	2.85	23.12
1972	*****	*****	0.29	0.45	0.65	0.81	1.02	1.70	2.40	3.45	******
1973	*****	*****	*****	*****	0.50	0.95	1.40	2.23	3.47	4.14	******
1974	*****	*****	*****	*****	0.57	1.00	1.32	2.21	4.01	5.93	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BHM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUB										
010 3232 0	FREEDOM BNNW	1495	24	108	01E		M	37.050	121.817	SANTA CRUZ

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.18	0.27	0.30	0.42	0.72	1.13	1.44	2.23	3.22	4.60	39.94
5	0.25	0.38	0.42	0.60	1.01	1.59	2.02	3.13	4.53	6.46	52.59
10	0.29	0.45	0.50	0.71	1.20	1.89	2.40	3.73	5.39	7.68	60.31
20	0.34	0.51	0.58	0.81	1.38	2.17	2.76	4.28	6.19	8.83	67.28
25	0.35	0.53	0.60	0.85	1.43	2.26	2.87	4.46	6.44	9.19	69.42
40	0.38	0.58	0.65	0.92	1.55	2.40	3.10	4.81	6.96	9.93	73.78
50	0.39	0.60	0.67	0.95	1.60	2.52	3.21	4.98	7.20	10.27	75.79
100	0.43	0.66	0.78	1.04	1.76	2.78	3.54	5.49	7.94	11.32	81.87
200	0.47	0.72	0.81	1.14	1.92	3.04	3.86	5.99	8.66	12.35	87.71
1000	0.56	0.85	0.96	1.35	2.29	3.61	4.58	7.11	10.29	14.67	100.64
10000	0.68	1.04	1.17	1.65	2.79	4.40	5.59	8.67	12.54	17.88	118.07
PMP	1.34	2.04	2.29	3.24	5.48	8.64	10.98	17.05	24.66	35.15	249.81
MEAN	0.190	0.290	0.326	0.460	0.777	1.226	1.559	2.420	3.500	4.989	41.778
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.131	0.252	0.748	0.806	0.815	1.098	1.165	0.776	0.743	0.955	0.680
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.240	1.200	1.200	1.200	0.800
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800

SLOPE OF LOG INTENSITY / LOG TIME = -.410 ; INTERCEPT (TIME=1 HOUR) =0.784 ; COEFFICIENT OF DETERMINATION = 0.984
INR INTERCEPT / MEAN YR =0.01076 ; AVERAGE CALC CV / USED CV = 0.92

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.633	3.852	3.123	3.537	4.604	8.201	0.662	3.643	3.825	4.140	3.273
N	9	9	21	21	35	23	23	35	23	35	32
RECORD YEAR	1952	1952	1955	1955	1955	1955	1955	1952	1955	1950	1940
RECORD MAXIMUM	0.340	0.480	0.610	0.850	1.320	2.100	2.650	4.720	6.650	11.940	78.030
NORMILIZED MAX	1.729	1.619	2.228	2.356	2.297	2.194	2.406	2.442	2.339	3.041	2.402
CALC. COEF. VAR	0.457	0.405	0.392	0.359	0.308	0.325	0.344	0.389	0.385	0.450	0.361
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0045	0.0069	0.0076	0.0110	0.0186	0.0294	0.0373	0.0579	0.0838	0.1194	1.0000
RP10/A	0.0070	0.0107	0.0120	0.0170	0.0287	0.0452	0.0575	0.0892	0.1240	0.1840	1.4837
RP25/A	0.0084	0.0128	0.0148	0.0203	0.0343	0.0541	0.0687	0.1067	0.1543	0.2199	1.6617
RP50/A	0.0094	0.0143	0.0160	0.0227	0.0383	0.0604	0.0768	0.1192	0.1725	0.2459	1.8588
RP100/A	0.0103	0.0158	0.0177	0.0250	0.0422	0.0666	0.0847	0.1314	0.1901	0.2710	1.9598
RP1000/A	0.0134	0.0208	0.0229	0.0324	0.0547	0.0863	0.1097	0.1703	0.2464	0.3512	2.4091
RP10000/A	0.0163	0.0249	0.0279	0.0395	0.0667	0.1052	0.1337	0.2076	0.3003	0.4281	2.8264
PMP/A	0.0320	0.0489	0.0549	0.0777	0.1311	0.2068	0.2629	0.4081	0.5902	0.8418	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
010 5973 0	MT MADONNA	1800	35	10S	02E		M	37.017	121.717	SANTA CRUZ

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1M	2M	3M	6M	12M	24M	C-YR
	DURATION										
1945	0.15	0.24	0.25	0.30	0.52	0.74	0.77	1.23	1.80	2.36	******
1946	0.15	0.22	0.33	0.62	1.00	1.49	1.95	3.35	5.07	6.79	23.53
1947	0.09	0.18	0.25	0.39	0.48	0.61	1.07	1.59	2.59	2.72	23.76
1948	0.10	0.20	0.23	0.33	0.54	0.82	0.88	1.11	1.34	2.03	29.38
1949	0.21	0.28	0.31	0.51	0.55	0.95	1.20	1.46	1.50	2.35	27.36
1950	0.21	0.24	0.28	0.50	0.80	1.32	1.79	3.04	6.02	10.98	59.88
1951	0.15	0.22	0.26	0.46	0.72	1.30	1.67	2.41	2.78	3.70	38.36
1952	0.27	0.31	0.37	0.69	1.04	1.90	2.48	4.23	5.36	5.48	45.38
1953	0.08	0.16	0.18	0.32	0.55	0.98	1.50	2.28	2.75	3.15	23.51
1954	0.22	0.29	0.36	0.50	0.70	1.07	1.45	2.07	2.48	2.89	32.84
1955	0.18	0.30	0.48	0.82	1.17	1.96	2.58	4.10	6.28	8.50	41.93
1956	0.10	0.17	0.22	0.34	0.68	1.20	1.30	1.92	2.31	2.42	27.00
1957	0.21	0.32	0.38	0.52	0.67	1.02	1.26	1.63	2.70	4.17	35.85
1958	0.18	0.30	0.36	0.56	0.84	1.35	1.69	2.38	2.88	3.67	42.40
1959	0.15	0.25	0.36	0.65	1.20	2.02	2.78	4.98	7.77	8.08	34.03
1960	0.21	0.32	0.41	0.66	0.98	1.51	1.96	2.88	3.33	3.37	29.98
1961	0.11	0.12	0.13	0.24	0.37	0.60	0.80	1.00	1.28	1.88	17.38
1962	0.09	0.13	0.25	0.49	0.75	1.02	1.35	2.03	2.87	5.01	40.91
1963	0.20	0.29	0.39	0.68	1.03	1.52	2.03	3.40	4.96	6.22	46.46
1964	0.11	0.21	0.23	0.41	0.82	1.52	1.97	2.59	4.03	8.80	39.39
1965	0.19	0.27	0.38	0.50	0.70	0.86	1.21	1.72	2.07	2.72	29.55
1966	0.10	0.14	0.19	0.32	0.49	0.74	0.90	1.52	2.23	2.81	22.92
1967	0.30	0.56	0.64	0.70	0.98	1.50	1.83	2.98	4.30	6.39	40.59
1968	0.34	0.34	0.36	0.44	0.56	1.10	1.40	1.90	2.24	2.54	27.39
1969	0.15	0.23	0.32	0.41	0.72	1.34	1.70	2.57	3.75	6.58	50.83
1970	0.26	0.42	0.50	0.72	1.18	1.35	1.43	1.94	3.04	4.09	41.20
1971	0.13	0.15	0.16	0.25	0.46	0.74	0.90	1.15	1.19	1.32	19.05
1972	0.19	0.29	0.39	0.51	0.62	0.98	1.28	1.52	1.98	2.88	23.31

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
010 5973 0	MT MADONNA	1800	35	10S	02E		M	37.017	121.717	SANTA CRUZ

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1M	2M	3M	6M	12M	24M	C-YR
2	0.16	0.24	0.30	0.48	0.89	1.11	1.42	2.14	2.99	4.01	32.37
5	0.22	0.33	0.41	0.64	0.98	1.56	1.99	3.01	4.20	5.83	42.82
10	0.26	0.39	0.49	0.76	1.16	1.85	2.37	3.57	5.00	6.70	48.88
20	0.30	0.45	0.57	0.87	1.33	2.13	2.72	4.11	5.75	7.69	54.53
25	0.32	0.47	0.59	0.91	1.39	2.22	2.83	4.27	5.98	8.00	56.26
40	0.34	0.51	0.64	0.98	1.50	2.39	3.06	4.62	6.46	8.65	59.80
50	0.35	0.53	0.66	1.02	1.55	2.48	3.17	4.78	6.68	8.95	61.43
100	0.39	0.58	0.73	1.12	1.71	2.73	3.49	5.27	7.37	9.86	66.36
200	0.43	0.63	0.79	1.22	1.87	2.98	3.81	5.74	8.04	10.76	71.09
1000	0.51	0.75	0.94	1.45	2.22	3.54	4.53	6.82	9.55	12.78	81.57
10000	0.62	0.92	1.15	1.77	2.70	4.32	5.52	8.32	11.64	15.56	95.70
PMP	1.21	1.80	2.28	3.48	5.31	8.48	10.85	16.35	22.87	30.83	202.47
MEAN	0.172	0.255	0.320	0.494	0.754	1.204	1.540	2.321	3.246	4.347	33.658
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.704	1.216	0.706	0.211	0.445	0.520	0.622	0.972	1.076	1.082	0.513
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.800

SLOPE OF LOG INTENSITY / LOG TIME = -.384 ; INTERCEPT (TIME=1 HOUR) =0.771 ; COEFFICIENT OF DETERMINATION = 0.998
LN0 INTERCEPT / MEAN YR =0.02276 ; AVERAGE CALC CV / USED CV = 0.85

	5M	10M	15M	30M	1M	2M	3M	6M	12M	24M	C-YR
KURTOSIS	3.369	6.148	4.326	2.516	2.451	2.691	3.228	3.795	3.894	3.893	3.138
N	28	28	28	28	28	28	28	28	28	28	27
RECORD YEAR	1968	1967	1967	1955	1959	1959	1959	1959	1959	1950	1950
RECORD MAXIMUM	0.340	0.560	0.640	0.820	1.200	2.020	2.780	4.980	7.770	10.980	59.880
NORMILIZED MAX	2.513	3.258	2.853	2.102	1.683	2.130	2.335	2.844	2.715	2.767	2.498
CALC. COEF. VAR	0.390	0.366	0.350	0.313	0.315	0.318	0.345	0.433	0.513	0.547	0.308
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0051	0.0075	0.0095	0.0146	0.0223	0.0356	0.0455	0.0685	0.0959	0.1284	1.0000
RP10/A	0.0078	0.0118	0.0148	0.0225	0.0343	0.0548	0.0700	0.1056	0.1477	0.1978	1.4437
RP25/A	0.0093	0.0139	0.0174	0.0269	0.0410	0.0655	0.0837	0.1262	0.1765	0.2364	1.6817
RP50/A	0.0104	0.0155	0.0195	0.0301	0.0458	0.0732	0.0936	0.1411	0.1974	0.2643	1.8144
RP100/A	0.0115	0.0171	0.0215	0.0331	0.0505	0.0807	0.1032	0.1555	0.2178	0.2914	1.9598
RP1000/A	0.0149	0.0222	0.0278	0.0429	0.0650	0.1040	0.1337	0.2015	0.2819	0.3775	2.4091
RP10000/A	0.0182	0.0270	0.0339	0.0523	0.0798	0.1274	0.1630	0.2457	0.3437	0.4602	2.8284
PMP/A	0.0357	0.0531	0.0667	0.1028	0.1568	0.2505	0.3204	0.4829	0.6755	0.9045	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	MRM	LATITUDE	LONGITUDE	COUNTY
010 8680 0	SUNSET BEACH STATE PARK	85		12S	01E		M	36.900	121.833	SANTA CRUZ

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.65	*****	*****	1.62	*****	2.75	30.25
1941	*****	*****	*****	*****	0.52	*****	*****	1.51	*****	2.69	35.17
1942	*****	*****	*****	*****	0.48	*****	*****	1.30	*****	1.95	19.65
1943	*****	*****	*****	*****	0.51	*****	*****	1.34	*****	2.19	14.16
1944	0.12	0.20	0.22	0.35	0.40	0.54	0.66	0.92	1.29	1.40	20.12
1945	0.16	0.18	0.18	0.22	0.32	0.49	0.67	0.86	1.01	2.01	10.87
1946	0.10	0.17	0.22	0.31	0.38	0.60	0.71	1.26	1.79	2.19	12.44
1947	0.13	0.14	0.17	0.27	0.47	0.79	0.90	0.97	1.08	1.23	11.13
1948	0.07	0.10	0.13	0.24	0.28	0.41	0.54	0.68	0.99	1.46	16.28
1949	0.14	0.15	0.19	0.20	0.37	0.47	0.60	0.75	0.81	1.10	******
1950	0.12	0.15	0.16	0.24	0.47	0.78	1.08	1.72	2.74	3.69	******
1951	0.12	0.17	0.22	0.29	0.42	0.68	0.94	1.38	1.52	2.03	******
1952	0.15	0.28	0.34	0.49	0.72	0.82	0.89	1.35	1.74	2.23	20.64
1953	0.10	0.11	0.15	0.26	0.39	0.70	0.98	1.34	1.38	1.83	******
1954	0.16	0.21	0.28	0.54	0.70	0.71	0.72	1.13	1.50	1.71	17.31
1955	0.12	0.15	0.22	0.28	0.35	0.54	0.71	1.20	2.05	2.68	22.37
1956	0.07	0.12	0.14	0.24	0.42	0.64	0.81	1.07	1.23	1.26	******
1957	0.14	0.16	0.18	0.20	0.36	0.46	0.52	0.79	1.08	1.15	17.18
1958	0.23	0.29	0.37	0.39	0.57	0.89	1.10	1.32	1.58	1.94	23.59
1959	0.09	0.14	0.21	0.42	0.74	1.21	1.60	2.36	2.98	4.63	19.66
1960	0.14	0.16	0.19	0.24	0.40	0.64	0.77	1.01	1.45	1.52	14.65
1961	0.08	0.09	0.12	0.22	0.31	0.48	0.58	0.86	1.12	1.32	9.90
1962	0.23	0.36	0.38	0.39	0.43	0.79	1.11	1.59	1.94	2.58	19.84
1963	0.18	0.21	0.25	0.29	0.59	0.75	0.85	1.45	2.25	3.77	25.09
1964	0.23	0.29	0.31	0.36	0.45	0.50	0.59	0.70	0.92	1.47	17.74
1965	0.11	0.19	0.20	0.32	0.56	0.93	1.10	1.37	1.42	1.89	17.17
1966	0.09	0.12	0.19	0.34	0.50	0.72	0.88	1.19	1.53	1.92	13.07
1967	0.14	0.27	0.37	0.59	0.91	1.27	1.46	2.01	2.59	2.82	21.84
1968	*****	*****	*****	*****	0.40	0.70	0.80	1.10	1.40	1.50	19.20
1969	*****	*****	*****	*****	0.50	0.80	1.10	1.90	2.50	3.20	32.70
1970	*****	*****	*****	*****	0.60	0.70	0.80	1.30	2.10	2.90	25.90
1971	*****	*****	*****	*****	0.30	0.40	0.60	0.90	0.90	1.30	12.80
1972	*****	*****	*****	*****	0.30	0.40	0.40	0.80	0.90	0.90	14.70
1973	*****	*****	0.20	0.30	0.40	0.70	0.90	1.70	2.00	2.40	******
1974	*****	*****	0.10	0.20	0.40	0.50	0.50	0.80	1.10	1.40	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
010 8680 0	SUNSET BEACH STATE PARK	85		12S	01E		M	36.900	121.833	SANTA CRUZ

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.18	0.21	0.31	0.46	0.66	0.81	1.21	1.53	2.02	18.84
5	0.18	0.24	0.29	0.42	0.63	0.90	1.11	1.65	2.10	2.76	24.49
10	0.20	0.28	0.33	0.48	0.72	1.04	1.28	1.90	2.41	3.18	27.69
20	0.23	0.31	0.37	0.54	0.80	1.16	1.42	2.12	2.69	3.59	30.46
25	0.23	0.32	0.38	0.55	0.83	1.19	1.47	2.19	2.77	3.65	31.29
40	0.25	0.34	0.41	0.59	0.88	1.26	1.55	2.32	2.94	3.87	32.97
50	0.25	0.35	0.42	0.60	0.90	1.30	1.60	2.38	3.01	3.97	33.73
100	0.27	0.38	0.45	0.65	0.97	1.39	1.71	2.56	3.24	4.26	35.99
200	0.29	0.40	0.48	0.69	1.03	1.48	1.83	2.72	3.45	4.54	38.13
1000	0.33	0.46	0.54	0.78	1.17	1.68	2.07	3.08	3.91	5.14	42.71
10000	0.38	0.52	0.62	0.90	1.35	1.93	2.38	3.55	4.50	5.92	48.67
PMP	0.94	1.29	1.54	2.22	3.33	4.77	5.88	8.77	11.11	14.62	115.20
MEAN	0.133	0.184	0.219	0.315	0.472	0.678	0.835	1.244	1.577	2.075	19.265
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.732	0.973	0.823	1.205	1.173	1.078	0.971	0.750	0.800	1.101	0.783
REGIONAL SKEW	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
SKEW USED	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.480 ; INTERCEPT (TIME=1 HOUR) =0.467 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.02423 ; AVERAGE CALC CV / USED CV = 0.84

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.994	3.693	3.166	4.267	4.628	4.799	4.420	3.706	3.052	4.291	3.497
N	28	28	26	26	35	31	31	35	31	35	28
RECORD YEAR	1958	1962	1962	1967	1967	1967	1959	1959	1959	1959	1941
RECORD MAXIMUM	0.230	0.360	0.380	0.590	0.910	1.270	1.600	2.360	2.980	4.630	35.170
NORMILIZED MAX	2.019	2.547	2.052	2.641	3.087	2.819	2.826	2.820	2.384	2.992	2.447
CALC. COEF. VAR	0.359	0.377	0.359	0.331	0.301	0.310	0.325	0.318	0.373	0.412	0.337
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0069	0.0095	0.0114	0.0164	0.0245	0.0352	0.0433	0.0646	0.0819	0.1077	1.0000
RP10/A	0.0106	0.0146	0.0174	0.0250	0.0375	0.0538	0.0663	0.0984	0.1253	0.1648	1.4371
RP25/A	0.0122	0.0168	0.0200	0.0287	0.0431	0.0618	0.0761	0.1135	0.1439	0.1893	1.6243
RP50/A	0.0132	0.0182	0.0217	0.0313	0.0468	0.0672	0.0828	0.1234	0.1565	0.2058	1.7508
RP100/A	0.0142	0.0196	0.0233	0.0336	0.0503	0.0723	0.0890	0.1327	0.1681	0.2212	1.8663
RP1000/A	0.0171	0.0236	0.0281	0.0405	0.0607	0.0872	0.1073	0.1600	0.2028	0.2668	2.2171
RP10000/A	0.0197	0.0272	0.0324	0.0466	0.0699	0.1004	0.1236	0.1842	0.2335	0.3072	2.5262
PMP/A	0.0488	0.0672	0.0800	0.1152	0.1726	0.2478	0.3052	0.4550	0.5767	0.7586	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A00 623 0	BELLA VISTA 4 NE	800	27	33N	03W	B	M	40.697	122.195	SHASTA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1956	*****	*****	*****	0.59	0.90	1.30	1.63	2.95	3.25	3.37	54.27
1958	*****	*****	*****	0.77	0.99	1.20	1.33	1.96	2.82	4.58	66.73
1959	*****	*****	*****	0.27	1.08	1.15	1.32	2.04	2.55	3.35	27.61
1960	*****	*****	*****	0.37	0.42	0.79	1.05	1.67	2.02	2.55	33.79
1961	*****	*****	*****	0.40	0.51	0.73	1.02	1.85	2.99	3.73	41.29
1962	*****	*****	*****	0.32	0.60	0.73	1.39	2.08	2.96	3.80	38.47

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A00 623 0	BELLA VISTA 4 NE	800	27	33N	03W	B	M	40.697	122.195	SHASTA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.0	0.42	0.69	0.92	1.21	1.96	2.59	3.34	42.75
5	0.0	0.0	0.0	0.57	0.92	1.24	1.62	2.63	3.48	4.49	55.25
10	0.0	0.0	0.0	0.66	1.08	1.44	1.89	3.07	4.05	5.23	62.33
20	0.0	0.0	0.0	0.75	1.22	1.63	2.14	3.47	4.58	5.91	68.47
25	0.0	0.0	0.0	0.78	1.26	1.69	2.22	3.60	4.75	6.12	70.31
40	0.0	0.0	0.0	0.79	1.28	1.72	2.26	3.66	4.83	6.23	74.02
50	0.0	0.0	0.0	0.84	1.39	1.87	2.45	3.97	5.25	6.77	75.71
100	0.0	0.0	0.0	0.94	1.52	2.04	2.68	4.34	5.73	7.39	80.72
200	0.0	0.0	0.0	1.02	1.65	2.21	2.90	4.69	6.20	8.00	85.44
1000	0.0	0.0	0.0	1.19	1.93	2.58	3.39	5.49	7.26	9.36	95.59
10000	0.0	0.0	0.0	1.43	2.31	3.10	4.07	6.59	8.71	11.23	108.77
PMP	0.0	0.0	0.0	2.82	4.56	6.12	8.02	13.01	17.19	22.16	256.04
MEAN	0.0	0.0	0.0	0.453	0.733	0.983	1.290	2.092	2.763	3.563	43.693
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	1.099	0.100	0.115	0.176	1.833	-1.085	0.011	0.821
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.435 ; INTERCEPT (TIME=1 HOUR) =0.690 ; COEFFICIENT OF DETERMINATION = 0.983
1HR INTERCEPT / MEAN YR =0.01579 ; AVERAGE CALC CV / USED CV = 0.87

KURTOSIS	0.0	0.0	0.0	5.504	3.703	2.928	4.957	8.793	6.454	6.441	5.228
N	0	0	0	6	6	6	6	6	6	6	6
RECORD YEAR	0	0	0	1958	1959	1956	1956	1956	1956	1958	1958
RECORD MAXIMUM	0.0	0.0	0.0	0.770	1.080	1.300	1.630	2.950	3.250	4.580	66.730
NORMILIZED MAX	0.0	0.0	0.0	1.668	1.333	1.213	1.495	1.926	1.132	1.523	1.603
CALC. COEF. VAR	0.0	0.0	0.0	0.419	0.355	0.265	0.176	0.213	0.156	0.187	0.329
REGN. COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
USED COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
MEAN/A	0.0	0.0	0.0	0.0104	0.0168	0.0225	0.0295	0.0479	0.0632	0.0816	1.0000
RP10/A	0.0	0.0	0.0	0.0152	0.0246	0.0330	0.0433	0.0702	0.0928	0.1196	1.4266
RP25/A	0.0	0.0	0.0	0.0178	0.0288	0.0387	0.0507	0.0823	0.1087	0.1402	1.6092
RP50/A	0.0	0.0	0.0	0.0197	0.0319	0.0427	0.0561	0.0909	0.1201	0.1549	1.7327
RP100/A	0.0	0.0	0.0	0.0215	0.0348	0.0467	0.0612	0.0993	0.1312	0.1692	1.8474
RP1000/A	0.0	0.0	0.0	0.0272	0.0441	0.0591	0.0775	0.1257	0.1661	0.2142	2.1878
RP10000/A	0.0	0.0	0.0	0.0327	0.0529	0.0709	0.0931	0.1509	0.1994	0.2571	2.4894
PMP/A	0.0	0.0	0.0	0.0645	0.1044	0.1400	0.1836	0.2978	0.3934	0.5073	5.8600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A00 7295 0	REDDING 1SE	470						40.567	122.383	SHASTA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1935	*****	*****	*****	*****	0.50	0.64	0.76	1.04	1.24	2.46	34.48
1936	*****	*****	*****	*****	0.52	0.60	0.63	1.43	2.09	2.98	36.73
1937	*****	*****	*****	*****	0.84	0.99	1.26	1.87	3.53	5.63	51.41
1938	*****	*****	*****	*****	0.51	0.83	0.85	1.44	2.44	4.27	43.60
1939	*****	*****	*****	*****	0.56	0.75	1.04	1.56	2.50	4.38	25.43
1940	*****	*****	*****	*****	1.09	1.47	1.79	3.15	4.21	4.47	67.84
1941	*****	*****	*****	*****	0.69	0.79	1.04	1.72	2.35	3.67	64.28
1942	*****	*****	*****	*****	1.60	1.65	1.67	2.00	2.81	3.70	40.46
1943	*****	*****	*****	*****	0.48	0.82	1.10	1.67	2.76	4.97	32.22
1944	*****	*****	*****	*****	0.42	0.68	0.86	0.98	1.60	2.63	34.82
1945	*****	*****	*****	*****	0.40	0.72	0.94	1.56	2.12	3.46	49.81
1946	*****	*****	*****	*****	0.55	0.70	0.86	1.60	2.22	2.66	23.00
1947	*****	*****	*****	*****	1.68	1.99	2.99	2.99	2.99	3.84	34.64
1948	0.37	0.55	0.58	0.58	0.64	0.73	0.78	1.24	1.91	2.42	40.61
1949	0.05	0.09	0.11	0.20	0.37	0.61	0.87	1.29	1.58	2.11	25.25
1950	0.27	0.37	0.44	0.52	0.64	0.97	1.35	1.53	2.44	3.28	38.14
1951	0.22	0.25	0.32	0.64	0.96	1.27	1.54	2.72	4.10	4.24	49.32
1952	0.26	0.39	0.48	0.50	0.54	0.70	1.07	1.42	2.46	3.76	47.92
1953	0.22	0.30	0.36	0.47	0.61	1.05	1.10	1.66	1.94	2.67	31.42
1954	0.07	0.12	0.18	0.26	0.37	0.62	0.82	1.40	2.31	3.87	48.77
1955	0.10	0.12	0.14	0.20	0.30	0.50	0.80	1.30	2.04	2.98	33.93
1956	0.47	0.52	0.60	0.74	0.86	1.32	1.60	2.06	2.98	3.80	32.37
1957	0.20	0.30	0.44	0.62	0.84	1.26	1.37	1.44	1.98	2.84	43.55
1958	0.22	0.28	0.31	0.36	0.71	1.03	1.25	1.54	2.48	2.94	50.82
1959	0.22	0.41	0.53	0.64	0.74	0.77	0.80	1.20	1.80	2.75	27.55
1960	0.20	0.31	0.42	0.57	0.75	0.81	1.17	2.05	3.05	3.73	43.63
1961	0.21	0.30	0.44	0.64	0.84	1.02	1.22	1.59	2.63	3.44	35.43
1962	0.30	0.41	0.50	0.94	1.42	1.67	1.73	2.03	2.43	3.98	37.67
1963	0.20	0.30	0.48	0.66	0.96	1.71	1.97	2.66	3.40	3.87	37.86
1964	0.26	0.42	0.62	1.02	1.60	2.04	2.27	3.25	5.08	6.35	36.68
1965	0.14	0.19	0.24	0.35	0.57	0.98	1.33	1.61	1.69	2.16	31.63
1966	0.50	0.70	0.92	1.30	2.46	3.45	3.48	3.51	3.59	4.29	33.58
1967	0.10	0.17	0.24	0.28	0.56	1.00	1.19	1.37	2.00	3.71	37.01
1968	0.16	0.30	0.36	0.48	0.66	1.10	1.44	1.93	2.57	2.69	38.98
1969	0.20	0.31	0.32	0.35	0.40	0.51	0.70	1.30	2.26	4.16	37.19
1970	0.20	0.35	0.44	0.69	0.74	0.94	1.20	1.36	1.82	2.94	42.35
1971	0.11	0.13	0.15	0.26	0.45	0.69	0.82	1.10	1.38	2.76	22.61
1972	0.11	0.18	0.21	0.24	0.29	0.42	0.51	0.97	1.19	1.30	24.15
1973	*****	*****	*****	*****	0.62	1.00	1.13	1.59	1.76	2.09	36.59
1974	*****	*****	*****	*****	0.62	1.00	1.13	1.59	1.76	2.09	29.97

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A00 7295 0	REDDING 1SE	470						40.567	122.383	SHASTA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.20	0.29	0.37	0.51	0.71	0.98	1.19	1.63	2.28	3.20	37.52
5	0.27	0.39	0.50	0.68	0.96	1.31	1.59	2.19	3.07	4.29	48.48
10	0.31	0.46	0.58	0.79	1.11	1.53	1.86	2.56	3.57	5.00	54.70
20	0.36	0.52	0.65	0.90	1.26	1.73	2.10	2.89	4.04	5.66	60.09
25	0.37	0.53	0.68	0.93	1.30	1.79	2.18	3.00	4.19	5.86	61.70
40	0.37	0.54	0.69	0.94	1.33	1.82	2.21	3.05	4.26	5.96	64.95
50	0.41	0.59	0.75	1.03	1.44	1.98	2.40	3.31	4.63	6.47	66.43
100	0.44	0.64	0.82	1.12	1.57	2.16	2.63	3.61	5.06	7.07	70.83
200	0.48	0.70	0.88	1.21	1.70	2.34	2.84	3.91	5.47	7.65	74.98
1000	0.56	0.82	1.03	1.42	1.99	2.74	3.32	4.58	6.40	8.95	83.89
10000	0.68	0.98	1.24	1.70	2.39	3.29	3.99	5.49	7.68	10.74	95.45
PMP	1.33	1.93	2.45	3.36	4.72	6.49	7.87	10.84	15.16	21.20	224.69
MEAN	0.214	0.311	0.393	0.540	0.759	1.044	1.266	1.742	2.437	3.408	38.342
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.065	0.712	0.737	1.019	2.085	2.428	2.082	1.623	1.174	0.595	0.930
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.509 ; INTERCEPT (TIME=1 HOUR) =0.750 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.01956 ; AVERAGE CALC CV / USED CV = 1.45

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.672	4.108	4.592	4.575	8.100	11.125	8.327	4.553	4.855	4.061	4.526
N	25	25	25	25	40	40	40	40	40	40	40
RECORD YEAR	1966	1966	1966	1966	1966	1966	1966	1966	1964	1964	1940
RECORD MAXIMUM	0.500	0.700	0.920	1.300	2.460	3.450	3.480	3.510	5.080	6.350	67.840
NORMILIZED MAX	2.593	2.679	2.867	2.817	3.855	4.329	3.736	2.811	3.186	2.915	2.946
CALC. COEF. VAR	0.514	0.467	0.467	0.499	0.581	0.533	0.468	0.361	0.340	0.296	0.261
REGN. COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
USED COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
MEAN/A	0.0056	0.0081	0.0103	0.0141	0.0198	0.0272	0.0330	0.0454	0.0636	0.0889	1.0000
RP10/A	0.0082	0.0119	0.0150	0.0207	0.0290	0.0399	0.0484	0.0667	0.0932	0.1304	1.4266
RP25/A	0.0096	0.0139	0.0176	0.0242	0.0340	0.0468	0.0567	0.0781	0.1093	0.1528	1.6092
RP50/A	0.0106	0.0154	0.0195	0.0268	0.0376	0.0517	0.0627	0.0863	0.1207	0.1689	1.7327
RP100/A	0.0116	0.0168	0.0213	0.0292	0.0411	0.0565	0.0685	0.0943	0.1318	0.1844	1.8474
RP1000/A	0.0147	0.0213	0.0269	0.0370	0.0520	0.0715	0.0867	0.1194	0.1669	0.2335	2.1878
RP10000/A	0.0176	0.0256	0.0323	0.0444	0.0624	0.0858	0.1041	0.1433	0.2004	0.2802	2.4894
PMP/A	0.0348	0.0504	0.0638	0.0877	0.1231	0.1693	0.2053	0.2827	0.3954	0.5529	5.8600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
A10 3821 0	HAT CREEK RS	3348	15	34N	04E		M	40.800	121.500	SHASTA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	0.18	0.25	0.45	0.75	0.97	1.75	1.80	2.32	******
1941	*****	*****	0.14	0.26	0.39	0.59	0.77	1.47	2.37	3.44	27.28
1942	*****	*****	0.16	0.24	0.33	0.50	0.67	1.15	1.84	2.57	25.67
1943	*****	*****	0.22	0.29	0.38	0.58	0.85	1.67	2.44	3.63	23.73
1944	*****	*****	0.13	0.22	0.29	0.34	0.49	0.80	1.23	1.48	21.10
1945	*****	*****	0.18	0.21	0.26	0.39	0.43	0.78	1.25	2.19	26.02
1946	*****	*****	0.11	0.16	0.27	0.53	0.73	1.27	1.70	1.90	16.89
1947	*****	*****	0.15	0.27	0.45	0.71	0.87	1.45	2.11	2.53	18.50
1948	*****	*****	0.15	0.27	0.45	0.75	0.80	1.12	2.00	2.78	27.16
1949	*****	*****	0.12	0.20	0.28	0.50	0.54	0.83	1.30	2.16	12.02
1950	*****	*****	0.20	0.37	0.61	0.93	1.06	1.15	1.31	1.79	29.99
1951	*****	*****	0.12	0.21	0.28	0.53	0.75	1.26	1.74	2.37	24.31
1952	*****	*****	0.10	0.18	0.33	0.52	0.59	1.04	1.78	2.17	26.96
1953	*****	*****	0.13	0.24	0.35	0.46	0.55	0.89	1.48	2.05	17.70
1954	*****	*****	0.12	0.22	0.40	0.56	0.83	1.47	2.42	3.37	26.62
1955	*****	*****	0.10	0.17	0.30	0.55	0.80	1.55	2.20	3.35	20.12
1956	*****	*****	0.15	0.23	0.31	0.43	0.58	1.03	1.57	3.07	26.15
1957	*****	*****	0.15	0.27	0.47	0.60	0.71	1.15	1.72	2.49	26.34
1958	*****	*****	0.16	0.28	0.28	0.35	0.68	1.36	2.08	2.41	26.80
1959	*****	*****	0.14	0.25	0.45	0.71	0.82	1.18	1.24	1.34	13.36
1960	*****	*****	0.10	0.15	0.27	0.51	0.60	0.85	1.46	2.51	21.20
1961	*****	*****	0.38	0.52	0.56	0.78	0.79	0.89	1.18	1.18	20.50
1962	*****	*****	0.14	0.21	0.36	0.55	0.78	1.35	2.37	3.87	25.43
1963	*****	*****	0.08	0.15	0.26	0.46	0.58	0.94	1.72	2.49	22.98
1964	*****	*****	0.11	0.17	0.26	0.56	0.71	1.15	1.80	2.91	25.02
1965	*****	*****	0.31	0.41	0.42	0.43	0.60	1.10	1.50	1.86	22.96
1966	*****	*****	0.12	0.22	0.34	0.36	0.43	0.67	1.20	1.49	15.00
1967	*****	*****	0.13	0.20	0.35	0.53	0.68	1.00	1.34	1.50	25.52
1968	*****	*****	0.11	0.15	0.28	0.47	0.47	0.71	1.05	1.38	24.70
1969	*****	*****	0.14	0.16	0.33	0.53	0.70	1.05	1.83	2.25	31.15
1970	*****	*****	0.24	0.28	0.38	0.71	0.90	1.35	2.40	3.58	32.14
1971	*****	*****	0.12	0.24	0.34	0.67	0.88	1.02	1.06	2.05	22.03
1972	*****	*****	0.30	0.30	0.39	0.39	0.41	0.78	0.94	1.16	19.70

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
A10 3821 0	HAT CREEK RS	3348	15	34N	04E		M	40.800	121.500	SHASTA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.14	0.22	0.38	0.54	0.67	1.05	1.56	2.16	22.70
5	0.0	0.0	0.20	0.31	0.52	0.75	0.93	1.46	2.17	3.00	28.50
10	0.0	0.0	0.24	0.37	0.62	0.89	1.10	1.73	2.57	3.56	31.91
20	0.0	0.0	0.27	0.42	0.71	1.03	1.26	1.99	2.95	4.08	34.92
25	0.0	0.0	0.28	0.44	0.74	1.07	1.31	2.07	3.07	4.25	35.84
40	0.0	0.0	0.31	0.48	0.80	1.15	1.42	2.24	3.32	4.59	37.69
50	0.0	0.0	0.32	0.49	0.83	1.19	1.47	2.31	3.44	4.75	38.55
100	0.0	0.0	0.35	0.55	0.91	1.32	1.62	2.55	3.79	5.24	41.10
200	0.0	0.0	0.38	0.60	1.00	1.44	1.77	2.79	4.14	5.72	43.53
1000	0.0	0.0	0.46	0.71	1.19	1.71	2.10	3.32	4.93	6.81	48.83
10000	0.0	0.0	0.56	0.87	1.45	2.09	2.57	4.06	6.02	8.33	55.87
PMP	0.0	0.0	1.08	1.65	2.77	3.99	4.89	7.72	11.46	15.86	119.99
MEAN	0.0	0.0	0.157	0.245	0.410	0.591	0.725	1.145	1.700	2.352	23.345
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.924	1.639	1.075	0.700	0.022	0.298	0.227	0.294	-0.501
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.377 ; INTERCEPT (TIME=1 HOUR) =0.382 ; COEFFICIENT OF DETERMINATION = 0.987
1HR INTERCEPT / MEAN YR =0.01635 ; AVERAGE CALC CV / USED CV = 0.77

KURTOSIS	0.0	0.0	6.840	6.533	4.247	3.603	2.736	2.678	2.230	2.571	3.505
N	0	0	33	33	33	33	33	33	33	33	32
RECORD YEAR	0	0	1961	1961	1950	1950	1950	1940	1943	1962	1970
RECORD MAXIMUM	0.0	0.0	0.380	0.520	0.610	0.930	1.060	1.750	2.440	3.870	32.140
NORMILIZED MAX	0.0	0.0	3.367	3.410	2.020	2.303	1.988	2.207	1.648	2.037	1.892
CALC. COEF. VAR	0.0	0.0	0.421	0.330	0.241	0.249	0.232	0.240	0.264	0.317	0.199
REGN. COEF. VAR	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.276
USED COEF. VAR	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.276
MEAN/A	0.0	0.0	0.0067	0.0105	0.0176	0.0253	0.0311	0.0490	0.0728	0.1007	1.0000
RP10/A	0.0	0.0	0.0102	0.0158	0.0266	0.0383	0.0470	0.0742	0.1101	0.1524	1.3667
RP25/A	0.0	0.0	0.0122	0.0189	0.0317	0.0458	0.0562	0.0886	0.1316	0.1821	1.5352
RP50/A	0.0	0.0	0.0136	0.0212	0.0355	0.0512	0.0628	0.0991	0.1472	0.2036	1.6512
RP100/A	0.0	0.0	0.0150	0.0234	0.0392	0.0565	0.0693	0.1093	0.1623	0.2246	1.7604
RP1000/A	0.0	0.0	0.0195	0.0304	0.0509	0.0734	0.0901	0.1421	0.2110	0.2919	2.0918
RP10000/A	0.0	0.0	0.0239	0.0371	0.0622	0.0897	0.1101	0.1737	0.2579	0.3569	2.3930
PMP/A	0.0	0.0	0.0454	0.0707	0.1185	0.1708	0.2096	0.3307	0.4910	0.6794	5.1400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LDT	RMM	LATITUDE	LONGITUDE	COUNTY
RSN ORDER SUF										
A10 5R09 0	MONTGOMERY CREEK	2100	11	34N	01W		M	40.817	121.933	SHASTA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.20	0.26	0.39	0.49	0.88	1.05	1.19	1.62	2.85	3.78	83.29
1941	0.17	0.31	0.46	0.84	1.20	1.45	1.47	2.05	2.93	4.87	81.83
1942	0.18	0.21	0.34	0.50	0.75	0.99	1.10	2.06	2.61	4.29	51.04
1943	0.25	0.33	0.39	0.51	0.64	1.00	1.35	2.60	4.81	6.84	44.20
1944	0.14	0.20	0.24	0.38	0.61	1.00	1.35	2.47	3.88	5.61	49.97
1945	0.36	0.47	0.53	0.55	0.78	0.94	1.09	1.90	2.36	3.81	64.45
1946	0.21	0.27	0.37	0.43	0.46	0.50	0.61	0.96	1.82	3.11	******
1947	0.12	0.19	0.21	0.25	0.42	0.67	1.02	1.82	2.90	3.56	42.36
1948	0.14	0.25	0.34	0.42	0.52	0.66	0.98	1.85	3.53	5.61	70.63
1949	0.03	0.05	0.08	0.16	0.28	0.46	0.58	0.95	1.72	2.43	34.50
1950	0.27	0.32	0.38	0.50	0.73	1.20	1.42	2.11	3.46	5.34	67.69
1951	0.20	0.28	0.38	0.55	0.81	1.32	1.45	1.59	2.73	5.17	69.35
1952	0.21	0.24	0.25	0.35	0.52	0.75	1.00	1.60	2.00	3.49	61.14
1953	0.18	0.32	0.43	0.58	0.69	0.75	0.80	1.30	2.44	3.42	52.60
1954	0.24	0.33	0.35	0.46	0.75	1.12	1.40	1.70	2.39	3.60	63.93
1955	0.10	0.16	0.20	0.31	0.54	0.85	1.10	1.62	2.44	4.87	52.49
1956	0.16	0.25	0.26	0.30	0.41	0.65	0.89	1.27	1.60	3.12	49.36
1957	0.34	0.42	0.51	0.74	1.26	1.46	1.59	2.46	3.40	5.06	64.39
1958	0.28	0.44	0.70	0.94	1.27	2.54	2.61	2.71	3.63	3.73	69.70
1959	0.17	0.21	0.25	0.34	0.55	0.72	0.98	1.55	2.43	4.03	38.83
1960	0.30	0.33	0.35	0.41	0.48	0.78	1.02	2.04	2.84	3.52	63.37
1961	0.12	0.15	0.21	0.34	0.54	0.81	1.10	1.54	2.49	3.51	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LDT	RMM	LATITUDE	LONGITUDE	COUNTY
RSN ORDER SUF										
A10 5R09 0	MONTGOMERY CREEK	2100	11	34N	01W		M	40.817	121.933	SHASTA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.18	0.25	0.32	0.44	0.63	0.91	1.09	1.66	2.56	3.88	57.09
5	0.25	0.35	0.44	0.61	0.87	1.26	1.51	2.31	3.55	5.38	71.66
10	0.30	0.41	0.52	0.73	1.04	1.49	1.79	2.74	4.21	6.38	80.23
20	0.35	0.47	0.60	0.83	1.19	1.71	2.06	3.14	4.84	7.33	87.82
25	0.36	0.48	0.63	0.87	1.24	1.78	2.14	3.27	5.03	7.62	90.12
40	0.39	0.53	0.68	0.94	1.34	1.92	2.32	3.53	5.44	8.24	94.70
50	0.40	0.55	0.70	0.97	1.39	1.99	2.40	3.66	5.63	8.52	96.93
100	0.44	0.61	0.77	1.07	1.53	2.20	2.64	4.03	6.21	9.40	103.35
200	0.48	0.67	0.84	1.17	1.67	2.40	2.89	4.40	6.78	10.27	109.46
1000	0.58	0.79	1.00	1.39	1.98	2.85	3.44	5.24	8.07	12.22	122.80
10000	0.70	0.97	1.23	1.70	2.43	3.49	4.20	6.41	9.87	14.94	140.48
PMP	1.34	1.84	2.34	3.23	4.63	6.64	8.00	12.20	18.78	28.44	301.75
MEAN	0.199	0.273	0.346	0.480	0.686	0.985	1.186	1.809	2.785	4.217	58.706
CLOCK HR. CORR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.910	0.015	0.569	0.815	1.037	2.149	1.815	0.123	0.772	0.705	0.016
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.497 ; INTERCEPT (TIME=1 HOUR) =0.486 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.01169 ; AVERAGE CALC CV / USED CV = 1.03

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.429	3.712	4.515	3.767	3.874	9.567	9.008	2.970	4.216	3.469	2.742
N	22	22	22	22	22	22	22	22	22	22	20
RECORD YEAR	1945	1945	1958	1958	1958	1958	1958	1958	1943	1943	1940
RECORD MAXIMUM	0.360	0.470	0.700	0.940	1.270	2.540	2.610	2.710	4.810	6.840	83.290
NORMILIZED MAX	1.969	1.998	2.632	2.384	2.160	3.501	3.426	1.865	2.441	2.469	1.813
CALC. COEF. VAR	0.413	0.361	0.388	0.403	0.394	0.451	0.351	0.267	0.275	0.252	0.231
REGN. COEF. VAR	0.383	0.383	0.383	0.363	0.383	0.383	0.383	0.383	0.383	0.383	0.276
USED COEF. VAR	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.276
MEAN/A	0.0034	0.0047	0.0059	0.0082	0.0117	0.0168	0.0202	0.0308	0.0474	0.0718	1.0000
RP10/A	0.0051	0.0070	0.0089	0.0124	0.0177	0.0254	0.0306	0.0466	0.0718	0.1087	1.3667
RP25/A	0.0061	0.0084	0.0107	0.0148	0.0211	0.0303	0.0365	0.0557	0.0857	0.1298	1.5352
RP50/A	0.0068	0.0094	0.0119	0.0165	0.0236	0.0339	0.0408	0.0623	0.0959	0.1452	1.6512
RP100/A	0.0075	0.0104	0.0132	0.0182	0.0261	0.0374	0.0450	0.0687	0.1058	0.1602	1.7604
RP1000/A	0.0098	0.0135	0.0171	0.0237	0.0339	0.0486	0.0585	0.0893	0.1375	0.2082	2.0918
RP10000/A	0.0120	0.0165	0.0209	0.0289	0.0414	0.0594	0.0716	0.1092	0.1681	0.2545	2.3930
PMP/A	0.0228	0.0314	0.0398	0.0551	0.0788	0.1132	0.1363	0.2078	0.3199	0.4845	5.1400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A20 5449 0	MCCLOUD	3300	01	39N	03W		M	41.267	122.133	SHASTA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.09	0.15	0.20	0.29	0.51	0.85	1.22	2.15	3.65	5.16	81.59
1941	0.11	0.22	0.30	0.47	0.54	0.86	1.00	1.89	2.52	3.80	82.39
1942	0.07	0.10	0.13	0.20	0.31	0.55	0.66	1.35	1.73	3.04	54.18
1943	0.15	0.29	0.35	0.36	0.39	0.59	0.90	1.69	2.56	3.81	33.51
1944	0.11	0.16	0.19	0.32	0.46	0.79	0.90	1.41	2.20	3.53	49.04
1945	0.16	0.24	0.25	0.28	0.41	0.73	1.00	1.65	2.79	4.48	67.83
1946	0.06	0.12	0.18	0.30	0.30	0.54	0.82	1.49	2.51	3.79	32.51
1947	0.15	0.20	0.29	0.40	0.58	0.88	1.07	1.47	2.54	3.77	40.94
1948	0.35	0.35	0.35	0.35	0.40	0.64	0.83	1.13	1.71	2.65	49.59
1949	0.08	0.09	0.11	0.15	0.28	0.51	0.68	1.25	1.42	2.25	30.98
1950	0.05	0.08	0.12	0.24	0.47	0.86	1.18	1.80	2.61	4.04	63.07
1951	0.03	0.05	0.07	0.14	0.28	0.45	0.60	1.27	1.96	3.58	54.85
1952	0.26	0.27	0.28	0.41	0.54	0.68	0.75	1.16	2.25	2.88	53.85
1953	0.13	0.18	0.25	0.39	0.70	0.94	1.06	1.27	2.10	3.52	43.86
1954	0.11	0.13	0.15	0.22	0.34	0.56	0.68	1.28	2.40	4.27	62.26
1955	0.34	0.45	0.51	0.62	0.68	0.70	0.88	1.70	3.01	4.51	46.54
1956	*****	*****	0.11	0.18	0.36	0.64	0.89	1.51	2.49	4.47	41.51
1957	*****	*****	0.46	0.66	0.97	1.40	1.62	2.22	3.38	5.81	66.63
1958	*****	*****	0.58	0.75	1.05	1.22	1.37	1.42	2.14	3.76	67.78
1959	0.15	0.18	0.25	0.29	0.40	0.66	0.90	1.65	2.53	3.49	43.96
1960	0.12	0.15	0.15	0.20	0.37	0.71	1.05	1.90	3.04	4.40	60.01
1961	0.14	0.18	0.20	0.21	0.31	0.51	0.74	1.11	1.73	2.21	44.90
1962	0.14	0.17	0.25	0.42	0.84	1.59	1.74	2.70	3.35	4.30	55.87
1963	0.27	0.50	0.65	1.15	1.21	1.25	1.29	1.30	2.05	3.00	53.46
1964	0.17	0.21	0.23	0.30	0.42	0.60	0.77	1.40	2.66	4.51	44.97
1965	0.06	0.07	0.10	0.19	0.29	0.45	0.70	1.32	2.27	3.01	43.96
1966	0.10	0.11	0.13	0.20	0.34	0.58	0.72	1.37	2.34	3.45	51.10
1967	0.24	0.25	0.25	0.26	0.39	0.58	0.69	1.16	2.15	3.05	47.83
1968	0.03	0.06	0.09	0.18	0.30	0.58	0.83	1.47	2.50	3.34	51.46
1969	0.05	0.07	0.10	0.20	0.40	0.80	1.15	1.96	2.89	4.00	62.60
1970	0.05	0.10	0.12	0.20	0.38	0.60	0.81	1.35	2.27	3.37	65.57
1971	0.08	0.10	0.15	0.20	0.24	0.48	0.65	0.71	0.72	0.72	37.25
1972	0.06	0.09	0.12	0.16	0.27	0.48	0.55	0.83	1.15	1.61	40.72
1973	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	59.88

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A20 5449 0	MCCLOUD	3300	01	39N	03W		M	41.267	122.133	SHASTA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.17	0.22	0.31	0.44	0.69	0.87	1.40	2.21	3.35	51.38
5	0.16	0.22	0.29	0.41	0.59	0.92	1.17	1.88	2.95	4.47	64.84
10	0.19	0.26	0.34	0.48	0.69	1.07	1.36	2.18	3.43	5.20	72.47
20	0.21	0.29	0.38	0.54	0.78	1.21	1.53	2.46	3.87	5.87	79.09
25	0.22	0.30	0.40	0.56	0.81	1.25	1.59	2.55	4.01	6.08	81.07
40	0.23	0.31	0.40	0.57	0.82	1.27	1.61	2.59	4.08	6.18	85.05
50	0.25	0.33	0.44	0.62	0.89	1.38	1.75	2.81	4.43	6.71	86.87
100	0.27	0.36	0.48	0.68	0.97	1.51	1.91	3.07	4.83	7.32	92.27
200	0.29	0.39	0.52	0.73	1.05	1.63	2.06	3.32	5.22	7.91	97.36
1000	0.34	0.46	0.60	0.86	1.23	1.91	2.41	3.88	6.10	9.25	108.29
10000	0.41	0.55	0.72	1.03	1.47	2.29	2.89	4.65	7.31	11.09	122.48
PMP	0.80	1.08	1.42	2.02	2.90	4.50	5.69	9.14	14.38	21.80	281.10
MEAN	0.130	0.177	0.232	0.330	0.474	0.735	0.930	1.495	2.352	3.566	52.395
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.244	1.438	1.434	2.357	1.764	1.645	1.227	0.872	-0.368	-0.575	0.506
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.448 ; INTERCEPT (TIME=1 HOUR) =0.494 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.00942 ; AVERAGE CALC CV / USED CV = 1.55

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.256	5.251	4.894	9.793	5.990	5.594	4.568	4.829	4.082	4.663	3.376
N	30	30	33	33	33	33	33	33	33	33	34
RECORD YEAR	1948	1963	1963	1963	1963	1962	1962	1962	1940	1957	1941
RECORD MAXIMUM	0.350	0.500	0.650	1.150	1.210	1.590	1.740	2.700	3.650	5.810	82.390
NORMILIZED MAX	2.573	2.938	2.905	3.926	3.190	3.094	2.872	3.022	2.111	2.261	2.399
CALC. COEF. VAR	0.455	0.619	0.618	0.633	0.487	0.376	0.303	0.267	0.261	0.278	0.239
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0025	0.0034	0.0044	0.0063	0.0090	0.0140	0.0178	0.0285	0.0449	0.0681	1.0000
RP10/A	0.0036	0.0049	0.0065	0.0092	0.0132	0.0204	0.0259	0.0416	0.0654	0.0992	1.3832
RP25/A	0.0042	0.0058	0.0076	0.0107	0.0154	0.0239	0.0303	0.0486	0.0765	0.1160	1.5472
RP50/A	0.0047	0.0064	0.0083	0.0118	0.0170	0.0264	0.0334	0.0537	0.0845	0.1280	1.6580
RP100/A	0.0051	0.0069	0.0091	0.0129	0.0186	0.0288	0.0364	0.0586	0.0921	0.1397	1.7611
RP1000/A	0.0065	0.0088	0.0115	0.0163	0.0234	0.0364	0.0461	0.0740	0.1164	0.1765	2.0668
RP10000/A	0.0077	0.0105	0.0138	0.0196	0.0281	0.0436	0.0552	0.0887	0.1396	0.2116	2.3377
PMP/A	0.0152	0.0207	0.0271	0.0385	0.0553	0.0858	0.1086	0.1745	0.2745	0.4162	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A20 P135 0	SHASTA DAM	1076	15	33N	05W		M	40.717	122.417	SHASTA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1945	*****	*****	*****	*****	0.81	1.09	1.42	2.44	3.39	5.96	72.47
1946	*****	*****	*****	*****	0.68	1.12	1.34	2.15	3.10	4.01	30.25
1947	*****	*****	*****	*****	0.60	0.95	1.11	1.82	3.22	5.03	45.58
1948	*****	*****	*****	*****	0.77	1.15	1.43	2.06	2.47	4.43	54.21
1949	*****	*****	*****	*****	0.49	0.63	0.75	1.22	1.99	2.56	36.64
1950	*****	*****	*****	*****	0.75	1.02	1.29	2.34	4.25	4.86	60.39
1951	*****	*****	*****	*****	0.72	1.09	1.30	1.87	3.13	5.38	64.62
1952	*****	*****	*****	*****	0.61	0.80	1.08	1.91	3.48	5.56	63.52
1953	*****	*****	*****	*****	1.05	1.38	1.71	2.41	2.93	4.77	52.97
1954	*****	*****	*****	*****	2.09	2.18	2.61	2.78	3.73	5.40	76.97
1955	*****	*****	*****	*****	0.69	0.96	1.32	2.38	3.98	6.83	63.52
1956	*****	*****	*****	*****	0.85	1.62	2.12	3.70	5.92	7.43	47.09
1957	*****	*****	*****	*****	0.60	0.94	1.03	1.92	3.35	4.80	71.28
1958	*****	*****	*****	*****	1.14	2.25	2.89	3.55	3.96	4.56	79.31
1959	*****	*****	*****	*****	1.24	1.88	1.91	2.62	4.65	7.17	60.05
1960	*****	*****	*****	*****	0.48	0.85	1.20	2.15	3.55	4.55	65.11
1961	*****	*****	*****	*****	0.45	0.70	1.00	1.70	2.34	4.18	49.82
1962	*****	*****	*****	*****	0.66	1.22	1.57	2.13	3.54	4.02	58.82
1963	*****	*****	*****	*****	0.65	1.06	1.10	1.62	2.69	3.12	56.97
1964	*****	*****	*****	*****	0.60	0.76	1.02	1.91	3.34	4.54	62.08
1968	*****	*****	*****	*****	1.30	1.60	1.80	2.10	3.50	4.10	64.80
1969	*****	*****	*****	*****	1.40	1.50	2.20	2.50	4.50	7.80	78.22
1970	*****	*****	*****	*****	1.00	1.40	2.10	3.10	4.40	6.50	88.60
1971	*****	*****	*****	*****	0.30	0.60	0.80	1.30	2.10	3.50	40.20
1972	*****	*****	*****	*****	0.50	0.80	1.00	1.80	2.20	2.30	53.50
1973	*****	*****	0.50	0.60	0.90	1.20	1.40	2.50	4.30	6.30	90.40
1974	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	67.10

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A20 P135 0	SHASTA DAM	1076	15	33N	05W		M	40.717	122.417	SHASTA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.88	1.19	1.45	2.14	3.28	4.68	60.09
5	0.0	0.0	0.0	0.0	1.17	1.59	1.93	2.85	4.39	6.25	75.83
10	0.0	0.0	0.0	0.0	1.36	1.84	2.24	3.31	5.10	7.27	84.76
20	0.0	0.0	0.0	0.0	1.54	2.08	2.53	3.74	5.75	8.21	92.49
25	0.0	0.0	0.0	0.0	1.59	2.16	2.62	3.88	5.96	8.50	94.81
40	0.0	0.0	0.0	0.0	1.62	2.19	2.67	3.94	6.06	8.64	99.47
50	0.0	0.0	0.0	0.0	1.76	2.38	2.90	4.28	6.58	9.38	101.60
100	0.0	0.0	0.0	0.0	1.92	2.60	3.16	4.67	7.18	10.23	107.91
200	0.0	0.0	0.0	0.0	2.08	2.81	3.42	5.05	7.76	11.07	113.86
1000	0.0	0.0	0.0	0.0	2.43	3.28	3.99	5.90	9.07	12.93	126.65
10000	0.0	0.0	0.0	0.0	2.91	3.93	4.79	7.07	10.87	15.50	143.25
PMP	0.0	0.0	0.0	0.0	5.72	7.74	9.42	13.91	21.38	30.49	328.75
MEAN	0.0	0.0	0.0	0.0	0.935	1.265	1.540	2.275	3.497	4.986	61.277
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	1.693	1.013	1.041	0.817	0.529	0.203	-0.019
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.548 ; INTERCEPT (TIME=1 HOUR) =0.932 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.01522 ; AVERAGE CALC CV / USED CV = 1.18

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	7.032	3.841	3.852	4.197	4.054	2.957	3.244
N	0	0	1	1	26	26	26	26	26	26	27
RECORD YEAR	0	0	0	0	1954	1958	1958	1956	1956	1969	1973
RECORD MAXIMUM	0.0	0.0	0.0	0.0	2.090	2.250	2.890	3.700	5.920	7.800	90.400
NORMILIZED MAX	0.0	0.0	0.0	0.0	2.676	2.087	2.379	2.360	2.656	1.975	1.991
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.461	0.373	0.368	0.265	0.261	0.286	0.239
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0	0.0	0.0	0.0153	0.0207	0.0251	0.0371	0.0571	0.0814	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0222	0.0301	0.0366	0.0541	0.0832	0.1186	1.3832
RP25/A	0.0	0.0	0.0	0.0	0.0260	0.0352	0.0428	0.0633	0.0973	0.1387	1.5472
RP50/A	0.0	0.0	0.0	0.0	0.0287	0.0389	0.0473	0.0698	0.1074	0.1531	1.6580
RP100/A	0.0	0.0	0.0	0.0	0.0313	0.0424	0.0516	0.0762	0.1171	0.1670	1.7611
RP1000/A	0.0	0.0	0.0	0.0	0.0396	0.0536	0.0652	0.0963	0.1480	0.2110	2.0668
RP10000/A	0.0	0.0	0.0	0.0	0.0475	0.0642	0.0781	0.1154	0.1774	0.2530	2.3377
PMP/A	0.0	0.0	0.0	0.0	0.0933	0.1263	0.1537	0.2270	0.3489	0.4976	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A20 9386 0	VOLLMERS	1360	34	36N	05W		M	40.950	122.433	SHASTA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	0.46	0.76	1.52	2.34	3.00	4.23	6.32	8.62	105.11
1941	*****	*****	0.54	0.80	1.15	1.53	2.76	4.02	5.88	9.67	115.13
1942	*****	*****	0.24	0.36	0.50	0.92	1.32	2.24	3.25	4.50	71.24
1943	*****	*****	0.20	0.26	0.46	0.97	1.04	1.48	2.62	4.92	37.39
1944	*****	*****	0.40	0.52	1.02	1.94	2.44	3.00	4.60	6.73	60.61
1945	0.14	0.22	0.30	0.45	0.70	1.10	1.43	2.39	4.07	6.74	80.14
1946	0.12	0.18	0.22	0.30	0.60	0.98	1.28	2.05	2.83	4.41	34.94
1947	0.30	0.40	0.54	0.84	1.26	1.54	1.97	2.28	3.21	4.77	48.65
1948	0.20	0.25	0.37	0.42	0.50	0.79	0.94	1.50	2.26	3.41	60.84
1949	0.05	0.09	0.11	0.20	0.40	0.74	1.14	2.05	2.71	3.48	46.18
1950	0.18	0.25	0.40	0.76	1.03	1.65	1.93	2.92	4.78	7.05	81.53
1951	0.22	0.25	0.36	0.55	0.67	0.91	1.36	2.41	4.16	5.67	75.41
1952	0.04	0.08	0.12	0.22	0.40	0.75	1.06	1.87	3.15	5.32	76.23
1953	0.45	0.55	0.59	0.67	0.89	1.20	1.28	1.83	3.51	5.24	63.87
1954	0.10	0.15	0.19	0.37	0.73	0.98	1.26	2.07	3.64	5.30	81.55
1955	0.03	0.06	0.09	0.18	0.36	0.72	1.08	1.97	3.82	5.75	60.57
1956	0.14	0.22	0.26	0.30	0.47	0.91	1.33	2.37	4.23	6.65	51.30
1957	0.20	0.31	0.45	0.85	1.39	2.41	3.12	5.12	7.17	10.57	96.40
1958	0.13	0.21	0.31	0.54	0.74	1.03	1.25	2.25	3.46	5.72	97.18
1959	0.14	0.27	0.31	0.56	0.76	1.37	1.92	3.48	4.80	6.29	57.67
1960	0.27	0.32	0.36	0.46	0.70	1.15	1.40	1.95	2.92	5.15	79.96
1961	0.13	0.20	0.21	0.35	0.65	0.80	1.08	1.61	2.59	4.43	58.46
1962	0.24	0.43	0.53	1.02	1.55	2.19	2.60	4.92	6.28	6.63	73.09
1963	0.24	0.38	0.49	0.67	0.78	1.55	1.74	2.38	3.66	5.53	68.04
1964	0.22	0.38	0.50	0.64	0.98	1.25	1.45	2.22	3.01	3.81	56.94
1965	0.20	0.25	0.36	0.47	0.75	1.25	1.68	2.42	3.31	5.52	61.92
1966	0.21	0.31	0.44	0.58	0.84	1.41	1.76	2.52	3.85	6.36	66.20
1967	0.10	0.15	0.18	0.29	0.55	0.90	1.24	1.86	3.09	3.49	63.38
1968	0.07	0.12	0.20	0.38	0.53	0.93	1.23	1.73	2.13	2.63	63.02
1969	*****	*****	*****	*****	0.90	1.50	2.00	3.00	4.60	6.00	77.08
1970	*****	*****	*****	*****	0.60	1.00	1.20	1.90	3.40	5.20	86.60
1971	*****	*****	*****	*****	0.70	1.10	1.50	2.10	2.80	4.20	49.60
1972	*****	*****	*****	*****	1.00	1.30	1.80	2.70	4.00	5.70	63.80
1973	*****	*****	0.40	0.70	1.00	1.80	2.40	3.60	5.00	8.40	115.60
1974	*****	*****	0.40	0.70	1.00	1.60	2.20	3.70	5.00	6.90	78.80

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A20 9386 0	VOLLMERS	1360	34	36N	05W		M	40.950	122.433	SHASTA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.16	0.24	0.32	0.49	0.75	1.19	1.55	2.42	3.65	5.38	69.05
5	0.22	0.32	0.43	0.65	1.01	1.59	2.07	3.23	4.88	7.19	87.14
10	0.25	0.37	0.49	0.76	1.17	1.85	2.40	3.75	5.67	8.36	97.39
20	0.28	0.41	0.56	0.86	1.32	2.09	2.71	4.24	6.40	9.44	106.28
25	0.29	0.43	0.58	0.89	1.37	2.17	2.81	4.39	6.63	9.78	108.94
40	0.30	0.44	0.59	0.90	1.39	2.20	2.86	4.46	6.74	9.94	114.30
50	0.32	0.47	0.64	0.98	1.51	2.39	3.10	4.85	7.32	10.79	116.75
100	0.35	0.52	0.70	1.07	1.65	2.61	3.38	5.29	7.98	11.77	124.00
200	0.38	0.56	0.75	1.16	1.78	2.82	3.66	5.72	8.63	12.73	130.84
1000	0.45	0.65	0.88	1.35	2.08	3.29	4.27	6.68	10.09	14.88	145.53
10000	0.53	0.78	1.06	1.62	2.49	3.95	5.12	8.01	12.09	17.83	164.60
PMP	1.05	1.54	2.08	3.19	4.91	7.77	10.07	15.75	23.78	35.08	377.76
MEAN	0.172	0.251	0.340	0.522	0.802	1.270	1.647	2.576	3.889	5.736	70.412
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.941	0.539	-0.072	0.308	0.812	1.019	1.049	1.344	0.978	0.853	0.591
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.364 ; INTERCEPT (TIME=1 HOUR) =0.812 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.01154 ; AVERAGE CALC CV / USED CV = 1.23

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	5.207	3.564	2.274	2.556	3.407	3.615	3.600	4.421	3.802	4.324	3.501
N	24	24	31	31	35	35	35	35	35	35	35
RECORD YEAR	1953	1953	1953	1962	1962	1957	1957	1957	1957	1957	1973
RECORD MAXIMUM	0.450	0.550	0.590	1.020	1.550	2.410	3.120	5.120	7.170	10.570	115.600
NORMILIZED MAX	2.959	2.496	1.797	2.284	2.418	2.509	2.599	2.763	2.727	2.806	2.331
CALC. COEF. VAR	0.548	0.476	0.410	0.418	0.386	0.358	0.344	0.358	0.309	0.300	0.275
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0024	0.0036	0.0048	0.0074	0.0114	0.0180	0.0234	0.0366	0.0552	0.0815	1.0000
RP10/A	0.0036	0.0052	0.0070	0.0108	0.0166	0.0263	0.0341	0.0533	0.0805	0.1187	1.3832
RP25/A	0.0042	0.0061	0.0082	0.0126	0.0194	0.0307	0.0399	0.0623	0.0941	0.1388	1.5472
RP50/A	0.0046	0.0067	0.0091	0.0139	0.0214	0.0339	0.0440	0.0688	0.1039	0.1533	1.6580
RP100/A	0.0050	0.0073	0.0099	0.0152	0.0234	0.0370	0.0480	0.0751	0.1134	0.1672	1.7611
RP1000/A	0.0063	0.0093	0.0125	0.0192	0.0296	0.0468	0.0607	0.0949	0.1432	0.2113	2.0668
RP10000/A	0.0076	0.0111	0.0150	0.0230	0.0354	0.0561	0.0727	0.1137	0.1717	0.2533	2.3377
PMP/A	0.0149	0.0218	0.0295	0.0453	0.0697	0.1103	0.1431	0.2237	0.3377	0.4981	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
A30 3791 0	HARRISON GULCH R S	2710	14	29N	10W		M	40.367	122.967	SHASTA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1949	0.14	0.24	0.27	0.32	0.43	0.58	0.69	0.96	1.26	2.29	22.64
1950	0.07	0.10	0.13	0.20	0.33	0.50	0.59	1.18	1.99	3.15	40.09
1951	*****	*****	0.12	0.20	0.36	0.65	0.90	1.48	2.35	3.55	40.92
1952	*****	*****	0.60	1.12	1.29	1.30	1.30	1.30	1.95	2.31	45.49
1953	*****	*****	0.13	0.21	0.34	0.55	0.74	1.33	1.77	2.85	30.92
1954	*****	*****	0.18	0.34	0.51	0.75	0.80	1.40	2.49	4.43	50.00
1955	*****	*****	0.41	0.56	0.65	0.86	1.02	1.02	1.44	2.88	32.88
1956	*****	*****	0.20	0.27	0.32	0.48	0.70	1.00	1.52	2.43	32.24
1957	*****	*****	0.17	0.32	0.42	0.72	0.90	1.49	2.51	3.14	43.09
1958	*****	*****	0.24	0.37	0.60	0.77	0.77	1.38	2.19	2.48	46.48
1959	*****	*****	0.12	0.20	0.39	0.74	0.95	1.36	2.01	2.61	23.97
1960	*****	*****	0.14	0.24	0.37	0.48	0.72	1.31	2.10	3.38	38.04
1961	*****	*****	0.14	0.25	0.41	0.54	0.74	0.92	1.51	2.22	27.09
1962	*****	*****	0.32	0.38	0.50	0.65	0.95	1.62	2.52	2.97	33.84
1963	*****	*****	0.14	0.19	0.33	0.63	0.93	1.72	2.37	3.00	36.49
1964	*****	*****	0.17	0.24	0.42	0.72	1.00	1.77	3.12	5.17	34.87
1965	*****	*****	0.15	0.20	0.25	0.45	0.60	0.94	1.56	1.95	30.60
1966	*****	*****	0.12	0.19	0.32	0.40	0.52	0.95	1.78	2.30	30.16
1967	*****	*****	0.61	0.62	0.73	0.76	0.89	1.42	1.62	1.86	35.71
1968	*****	*****	0.11	0.15	0.30	0.60	0.80	1.40	1.80	2.69	43.58
1969	*****	*****	*****	*****	0.60	0.60	0.70	1.30	2.20	3.30	40.30
1970	*****	*****	*****	*****	0.90	1.80	2.50	4.60	8.90	12.60	65.40
1971	*****	*****	*****	*****	0.30	0.50	0.70	1.30	2.40	3.60	29.50
1972	*****	*****	*****	*****	0.30	0.60	0.80	1.20	1.70	2.30	36.00
1973	*****	*****	*****	*****	0.30	0.50	0.70	1.10	1.90	2.90	47.00
1974	*****	*****	*****	*****	0.60	0.70	0.70	1.30	2.60	4.60	41.30

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
A30 3791 0	HARRISON GULCH R S	2710	14	29N	10W		M	40.367	122.967	SHASTA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.10	0.16	0.21	0.30	0.50	0.68	0.84	1.34	2.14	3.10	36.81
5	0.14	0.22	0.29	0.43	0.70	0.95	1.18	1.87	3.01	4.35	47.84
10	0.16	0.26	0.34	0.51	0.83	1.13	1.39	2.22	3.56	5.15	54.09
20	0.19	0.30	0.39	0.58	0.95	1.29	1.59	2.54	4.08	5.90	59.51
25	0.19	0.31	0.41	0.60	0.99	1.34	1.66	2.64	4.24	6.13	61.14
40	0.20	0.32	0.42	0.61	1.00	1.37	1.69	2.69	4.31	6.24	64.40
50	0.21	0.35	0.46	0.67	1.10	1.50	1.85	2.94	4.72	6.83	65.90
100	0.24	0.38	0.50	0.74	1.21	1.65	2.03	3.24	5.19	7.50	70.32
200	0.26	0.41	0.55	0.80	1.31	1.79	2.21	3.52	5.64	8.16	74.49
1000	0.30	0.49	0.64	0.95	1.55	2.12	2.61	4.16	6.67	9.64	83.45
10000	0.37	0.59	0.78	1.15	1.88	2.56	3.16	5.04	8.07	11.68	95.08
PMP	0.74	1.20	1.57	2.31	3.79	5.17	6.37	10.16	16.29	23.56	225.08
MEAN	0.105	0.170	0.223	0.328	0.538	0.734	0.904	1.442	2.312	3.345	37.638
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.853	2.688	2.176	2.789	3.661	4.182	4.347	3.955	0.957
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.400 ; INTERCEPT (TIME=1 HOUR) =0.495 ; COEFFICIENT OF DETERMINATION = 0.991
IMP INTERCEPT / MEAN YR =0.01314 ; AVERAGE CALC CV / USED CV = 1.33

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	5.859	11.279	8.795	12.102	18.547	22.302	23.243	20.393	5.326
N	2	2	20	20	26	26	26	26	26	26	26
RECORD YEAR	1949	1949	1967	1952	1952	1970	1970	1970	1970	1970	1970
RECORD MAXIMUM	0.140	0.240	0.610	1.120	1.290	1.800	2.500	4.600	8.900	12.600	65.400
NORMILIZED MAX	0.707	0.707	2.555	3.549	2.877	3.458	4.141	4.485	4.603	4.512	3.047
CALC. COEF. VAR	0.471	0.582	0.677	0.679	0.486	0.420	0.426	0.488	0.619	0.613	0.242
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0028	0.0045	0.0059	0.0087	0.0143	0.0195	0.0240	0.0383	0.0614	0.0889	1.0000
RP10/A	0.0043	0.0070	0.0091	0.0134	0.0220	0.0300	0.0370	0.0590	0.0946	0.1369	1.4371
RP25/A	0.0051	0.0083	0.0109	0.0160	0.0262	0.0357	0.0440	0.0702	0.1126	0.1628	1.6243
RP50/A	0.0057	0.0092	0.0121	0.0178	0.0292	0.0398	0.0491	0.0782	0.1254	0.1814	1.7508
RP100/A	0.0063	0.0101	0.0133	0.0196	0.0321	0.0437	0.0539	0.0860	0.1378	0.1994	1.8683
RP1000/A	0.0080	0.0130	0.0171	0.0252	0.0412	0.0562	0.0693	0.1104	0.1771	0.2562	2.2171
RP10000/A	0.0097	0.0158	0.0207	0.0305	0.0499	0.0681	0.0839	0.1338	0.2145	0.3103	2.5262
PMP/A	0.0197	0.0318	0.0418	0.0615	0.1007	0.1373	0.1693	0.2699	0.4327	0.6260	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
A30 9621 0	WHISKEYTOWN	1310	22	32N	06W		M	40.633	122.533	SHASTA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1967	*****	*****	0.42	0.62	0.97	1.39	1.69	2.12	3.57	6.20	71.95
1968	*****	*****	0.37	0.55	0.55	0.97	1.26	1.83	2.48	3.65	46.55
1969	*****	*****	0.57	0.92	1.15	1.28	1.36	2.36	4.35	7.77	83.47
1970	*****	*****	0.52	0.72	1.30	1.61	2.14	3.11	4.32	6.80	85.73
1971	*****	*****	0.25	0.50	0.88	1.55	1.81	2.63	3.52	4.97	69.52
1972	*****	*****	0.31	0.52	0.92	1.19	1.28	1.98	2.53	2.71	40.12

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
A30 9621 0	WHISKEYTOWN	1310	22	32N	06W		M	40.633	122.533	SHASTA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.38	0.60	0.90	1.25	1.49	2.20	3.25	5.02	64.94
5	0.0	0.0	0.51	0.80	1.21	1.67	1.99	2.93	4.34	6.71	81.96
10	0.0	0.0	0.59	0.93	1.40	1.94	2.32	3.41	5.04	7.80	91.60
20	0.0	0.0	0.67	1.05	1.58	2.19	2.62	3.85	5.70	8.81	99.96
25	0.0	0.0	0.69	1.09	1.64	2.27	2.71	3.99	5.90	9.12	102.46
40	0.0	0.0	0.70	1.11	1.67	2.31	2.76	4.05	6.00	9.27	107.50
50	0.0	0.0	0.77	1.20	1.81	2.51	2.99	4.40	6.51	10.07	109.80
100	0.0	0.0	0.83	1.31	1.97	2.73	3.26	4.80	7.11	10.98	116.62
200	0.0	0.0	0.90	1.42	2.13	2.96	3.53	5.19	7.68	11.87	123.05
1000	0.0	0.0	1.05	1.66	2.49	3.45	4.12	6.06	8.98	13.88	136.87
10000	0.0	0.0	1.26	1.98	2.99	4.14	4.94	7.27	10.76	16.63	154.81
PMP	0.0	0.0	2.49	3.90	5.88	8.14	9.72	14.30	21.17	32.72	355.29
MEAN	0.0	0.0	0.407	0.638	0.962	1.332	1.590	2.338	3.462	5.350	66.223
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.166	1.321	-0.446	-0.406	0.690	0.844	-0.227	-0.230	-0.559
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.453 ; INTERCEPT (TIME=1 HOUR) =0.908 ; COEFFICIENT OF DETERMINATION = 0.991
1HR INTERCEPT / MEAN YR =0.01372 ; AVERAGE CALC CV / USED CV = 0.71

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	4.189	6.446	6.017	4.864	4.616	5.393	3.755	4.132	3.972
N	0	0	6	6	6	6	6	6	6	6	6
RECORD YEAR	0	0	1969	1969	1970	1970	1970	1970	1969	1969	1970
RECORD MAXIMUM	0.0	0.0	0.570	0.920	1.300	1.610	2.140	3.110	4.350	7.770	85.730
NORMILIZED MAX	0.0	0.0	1.334	1.765	1.321	1.172	1.563	1.634	1.082	1.252	1.031
CALC. COEF. VAR	0.0	0.0	0.301	0.250	0.266	0.178	0.221	0.202	0.237	0.361	0.286
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0	0.0061	0.0096	0.0145	0.0201	0.0240	0.0353	0.0523	0.0808	1.0000
RP10/A	0.0	0.0	0.0089	0.0140	0.0212	0.0293	0.0350	0.0515	0.0762	0.1177	1.3832
RP25/A	0.0	0.0	0.0105	0.0164	0.0248	0.0343	0.0409	0.0602	0.0891	0.1377	1.5472
RP50/A	0.0	0.0	0.0116	0.0181	0.0273	0.0378	0.0452	0.0664	0.0983	0.1520	1.6580
RP100/A	0.0	0.0	0.0126	0.0198	0.0298	0.0413	0.0493	0.0725	0.1073	0.1658	1.7611
RP1000/A	0.0	0.0	0.0159	0.0250	0.0377	0.0522	0.0623	0.0916	0.1356	0.2095	2.0668
RP10000/A	0.0	0.0	0.0191	0.0300	0.0451	0.0625	0.0746	0.1098	0.1625	0.2512	2.3377
PMP/A	0.0	0.0	0.0376	0.0589	0.0888	0.1230	0.1468	0.2159	0.3196	0.4940	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A30 9679 35	WILLIAMS RANCH	2300	14	29N	09W		M	40.367	122.850	SHASTA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1950	*****	*****	0.17	0.33	0.65	0.93	1.00	1.08	1.15	1.90	17.35
1951	*****	*****	0.14	0.21	0.33	0.52	0.65	1.08	1.75	2.55	31.44
1952	*****	*****	0.15	0.27	0.66	0.84	0.90	1.00	2.03	2.83	38.75
1953	*****	*****	0.10	0.20	0.32	0.57	0.88	1.49	2.49	3.99	33.30
1954	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A30 9679 35	WILLIAMS RANCH	2300	14	29N	09W		M	40.367	122.850	SHASTA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.13	0.24	0.46	0.67	0.80	1.09	1.74	2.64	29.63
5	0.0	0.0	0.18	0.32	0.61	0.90	1.08	1.46	2.33	3.53	37.39
10	0.0	0.0	0.20	0.37	0.71	1.04	1.25	1.69	2.70	4.11	41.79
20	0.0	0.0	0.23	0.42	0.81	1.18	1.41	1.91	3.05	4.64	45.60
25	0.0	0.0	0.24	0.43	0.84	1.22	1.46	1.98	3.16	4.80	46.74
40	0.0	0.0	0.24	0.44	0.85	1.24	1.49	2.01	3.21	4.88	49.04
50	0.0	0.0	0.26	0.48	0.92	1.35	1.61	2.19	3.49	5.30	50.09
100	0.0	0.0	0.29	0.52	1.01	1.47	1.76	2.39	3.81	5.78	53.20
200	0.0	0.0	0.31	0.56	1.09	1.59	1.90	2.58	4.12	6.25	56.13
1000	0.0	0.0	0.36	0.65	1.27	1.85	2.22	3.02	4.81	7.31	62.44
10000	0.0	0.0	0.44	0.79	1.52	2.22	2.67	3.61	5.77	8.76	70.62
PMP	0.0	0.0	0.86	1.54	3.00	4.37	5.24	7.11	11.34	17.23	162.08
MEAN	0.0	0.0	0.140	0.252	0.490	0.715	0.857	1.162	1.855	2.817	30.210
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	-0.941	0.762	0.000	0.118	-1.225	1.821	-0.342	0.821	-1.295
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.259 I INTERCEPT (TIME=1 HOUR) =0.420 ; COEFFICIENT OF DETERMINATION = 0.875
1HR INTERCEPT / MEAN YR =0.01392 ; AVERAGE CALC CV / USED CV = 0.76

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	12.000	9.543	6.022	7.009	12.629	13.603	11.110	11.934	12.644
N	0	0	4	4	4	4	4	4	4	4	4
RECORD YEAR	0	0	1950	1950	1952	1950	1950	1953	1953	1953	1952
RECORD MAXIMUM	0.0	0.0	0.170	0.330	0.660	0.930	1.000	1.490	2.490	3.990	38.750
NORMILIZED MAX	0.0	0.0	1.019	1.287	0.892	1.071	0.963	1.478	1.133	1.343	0.937
CALC. COEF. VAR	0.0	0.0	0.210	0.238	0.389	0.281	0.173	0.191	0.302	0.310	0.302
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0	0.0046	0.0084	0.0162	0.0237	0.0284	0.0385	0.0614	0.0933	1.0000
RP10/A	0.0	0.0	0.0068	0.0122	0.0236	0.0345	0.0414	0.0561	0.0895	0.1359	1.3832
RP25/A	0.0	0.0	0.0079	0.0142	0.0276	0.0403	0.0484	0.0656	0.1047	0.1590	1.5472
RP50/A	0.0	0.0	0.0087	0.0157	0.0305	0.0445	0.0534	0.0724	0.1155	0.1755	1.6580
RP100/A	0.0	0.0	0.0095	0.0172	0.0333	0.0486	0.0583	0.0790	0.1260	0.1914	1.7611
RP1000/A	0.0	0.0	0.0120	0.0217	0.0421	0.0614	0.0736	0.0998	0.1593	0.2419	2.0668
RP10000/A	0.0	0.0	0.0144	0.0260	0.0504	0.0736	0.0882	0.1196	0.1909	0.2900	2.3377
PMP/A	0.0	0.0	0.0283	0.0511	0.0992	0.1447	0.1736	0.2353	0.3755	0.5703	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A40 4544 0	KILARC POWERHOUSE	2650	33	33N	01E	D	M	41.010	121.872	SHASTA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1969	*****	0.15	0.22	0.43	0.54	0.90	0.94	1.68	2.35	2.67	53.98
1970	*****	0.25	0.41	0.65	1.12	1.26	1.45	2.38	3.35	4.46	51.39
1971	*****	0.35	0.47	0.73	1.33	1.70	1.74	2.00	3.32	3.92	52.62
1972	*****	0.20	0.30	0.39	0.48	0.63	0.75	1.28	1.82	2.15	35.78
1973	*****	0.27	0.52	0.86	1.02	1.08	1.55	1.75	3.26	3.71	53.64
1974	*****	*****	0.20	0.35	0.70	0.76	0.90	1.70	2.84	3.94	69.08

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A40 4544 0	KILARC POWERHOUSE	2650	33	33N	01E	D	M	41.010	121.872	SHASTA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.23	0.33	0.53	0.81	0.99	1.15	1.69	2.65	3.26	51.73
5	0.0	0.31	0.44	0.71	1.08	1.32	1.53	2.26	3.54	4.36	65.28
10	0.0	0.36	0.51	0.83	1.26	1.54	1.78	2.62	4.11	5.06	72.96
20	0.0	0.40	0.58	0.94	1.42	1.74	2.01	2.96	4.65	5.72	79.62
25	0.0	0.42	0.60	0.97	1.47	1.80	2.08	3.07	4.81	5.92	81.61
40	0.0	0.42	0.61	0.98	1.50	1.83	2.12	3.12	4.89	6.02	85.63
50	0.0	0.46	0.66	1.07	1.63	1.98	2.30	3.38	5.31	6.54	87.46
100	0.0	0.50	0.73	1.17	1.78	2.17	2.51	3.69	5.79	7.13	92.89
200	0.0	0.54	0.78	1.26	1.92	2.34	2.71	3.99	6.27	7.71	98.01
1000	0.0	0.63	0.92	1.47	2.24	2.74	3.17	4.66	7.32	9.01	109.02
10000	0.0	0.76	1.10	1.77	2.69	3.28	3.80	5.59	8.78	10.80	123.31
PMP	0.0	1.49	2.16	3.48	5.29	6.45	7.47	11.00	17.26	21.25	282.99
MEAN	0.0	0.244	0.353	0.568	0.865	1.055	1.222	1.798	2.823	3.475	52.748
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.285	0.035	0.361	0.186	0.881	0.115	0.382	-0.944	-0.752	-0.134
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.451 ; INTERCEPT (TIME=1 HOUR) =0.745 ; COEFFICIENT OF DETERMINATION = 0.954
1HR INTERCEPT / MEAN YR =0.01412 ; AVERAGE CALC CV / USED CV = 1.05

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	6.733	3.513	3.717	3.727	5.744	3.301	6.234	4.904	4.602	7.399
N	0	5	6	6	6	6	6	6	6	6	6
RECORD YEAR	0	1971	1973	1973	1971	1971	1971	1970	1970	1970	1974
RECORD MAXIMUM	0.0	0.350	0.520	0.860	1.330	1.700	1.740	2.380	3.350	4.460	69.080
NORMILIZED MAX	0.0	1.406	1.251	1.402	1.358	1.665	1.269	1.585	0.844	1.123	1.545
CALC. COEF. VAR	0.0	0.309	0.377	0.366	0.396	0.367	0.334	0.204	0.221	0.252	0.200
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0046	0.0067	0.0108	0.0164	0.0200	0.0232	0.0341	0.0535	0.0659	1.0000
RP10/A	0.0	0.0067	0.0098	0.0157	0.0239	0.0291	0.0338	0.0497	0.0780	0.0960	1.3832
RP25/A	0.0	0.0079	0.0114	0.0184	0.0280	0.0341	0.0395	0.0581	0.0912	0.1123	1.5472
RP50/A	0.0	0.0087	0.0126	0.0203	0.0309	0.0376	0.0436	0.0641	0.1007	0.1239	1.6580
RP100/A	0.0	0.0095	0.0137	0.0221	0.0337	0.0411	0.0475	0.0700	0.1099	0.1352	1.7611
RP1000/A	0.0	0.0120	0.0174	0.0279	0.0425	0.0519	0.0601	0.0884	0.1388	0.1709	2.0668
RP10000/A	0.0	0.0144	0.0208	0.0335	0.0510	0.0622	0.0720	0.1060	0.1664	0.2048	2.3377
PMP/A	0.0	0.0283	0.0410	0.0659	0.1003	0.1223	0.1416	0.2085	0.3273	0.4028	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A40 6647 5	PALO CEDRO 2 N	500	29	32N	03W	P	M	40.593	122.232	SHASTA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1969	*****	*****	0.40	0.45	0.47	0.65	1.03	1.55	2.33	3.92	36.67
1970	*****	*****	0.40	0.55	0.65	1.35	1.66	2.06	2.06	2.39	33.44
1971	*****	*****	0.40	0.58	0.70	0.95	1.07	1.94	2.94	3.09	30.67
1972	*****	*****	0.45	0.62	0.91	0.91	0.98	1.09	1.73	2.07	22.39
1973	*****	*****	0.35	0.35	0.52	0.88	0.92	0.97	1.25	1.80	36.08

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A40 6647 5	PALO CEDRO 2 N	500	29	32N	03W	P	M	40.593	122.232	SHASTA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.39	0.48	0.65	0.89	1.06	1.43	1.94	2.49	31.63
5	0.0	0.0	0.52	0.64	0.87	1.19	1.42	1.91	2.59	3.33	39.91
10	0.0	0.0	0.61	0.74	1.01	1.38	1.65	2.22	3.00	3.87	44.61
20	0.0	0.0	0.69	0.84	1.14	1.56	1.86	2.50	3.39	4.37	48.68
25	0.0	0.0	0.71	0.87	1.18	1.62	1.93	2.59	3.51	4.52	49.90
40	0.0	0.0	0.72	0.88	1.20	1.64	1.96	2.64	3.57	4.60	52.35
50	0.0	0.0	0.79	0.96	1.30	1.78	2.13	2.86	3.88	4.99	53.47
100	0.0	0.0	0.86	1.05	1.42	1.95	2.32	3.12	4.23	5.45	56.79
200	0.0	0.0	0.93	1.13	1.53	2.10	2.51	3.38	4.58	5.89	59.93
1000	0.0	0.0	1.08	1.32	1.79	2.46	2.94	3.95	5.35	6.88	66.66
10000	0.0	0.0	1.30	1.59	2.15	2.95	3.52	4.73	6.41	8.25	75.39
PMP	0.0	0.0	2.56	3.12	4.22	5.80	6.92	9.31	12.61	16.23	173.02
MEAN	0.0	0.0	0.418	0.510	0.690	0.948	1.137	1.522	2.062	2.654	32.250
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.217	-0.821	-0.046	0.979	2.041	-0.071	0.202	0.844	-1.084
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.590 ; INTERCEPT (TIME=1 HOUR) =0.708 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.02195 ; AVERAGE CALC CV / USED CV = 0.68

KURTOSIS	0.0	0.0	6.260	6.137	4.490	8.621	10.277	4.410	6.709	6.313	7.689
N	0	0	5	5	5	5	5	5	5	5	5
RECORD YEAR	0	0	1971	1972	1972	1970	1970	1970	1971	1969	1969
RECORD MAXIMUM	0.0	0.0	0.490	0.620	0.910	1.350	1.660	2.060	2.940	3.920	38.670
NORMALIZED MAX	0.0	0.0	1.344	1.006	1.131	1.588	1.757	1.100	1.383	1.478	1.025
CALC. COEF. VAR	0.0	0.0	0.128	0.214	0.282	0.267	0.265	0.321	0.308	0.323	0.194
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0	0.0130	0.0158	0.0214	0.0294	0.0351	0.0472	0.0639	0.0823	1.0000
RP10/A	0.0	0.0	0.0189	0.0230	0.0312	0.0428	0.0517	0.0688	0.0932	0.1199	1.3832
RP25/A	0.0	0.0	0.0221	0.0270	0.0365	0.0501	0.0598	0.0804	0.1090	0.1403	1.5472
RP50/A	0.0	0.0	0.0244	0.0298	0.0403	0.0553	0.0660	0.0888	0.1203	0.1548	1.6580
RP100/A	0.0	0.0	0.0266	0.0325	0.0439	0.0603	0.0720	0.0969	0.1312	0.1689	1.7611
RP1000/A	0.0	0.0	0.0336	0.0410	0.0555	0.0762	0.0910	0.1224	0.1658	0.2136	2.0668
RP10000/A	0.0	0.0	0.0403	0.0492	0.0666	0.0914	0.1091	0.1467	0.1988	0.2559	2.3377
PMP/A	0.0	0.0	0.0793	0.0967	0.1308	0.1798	0.2146	0.2886	0.3910	0.5032	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A40 9390 0	VOLTA POWER HOUSE	2200	16	30N	01E		M	40.450	121.867	SHASTA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.15	0.24	0.30	0.40	0.44	0.76	0.99	1.89	2.50	3.60	45.32
1941	0.15	0.19	0.22	0.31	0.41	0.62	0.91	1.24	2.35	3.97	48.28
1942	0.22	0.31	0.52	0.56	0.66	0.79	0.97	1.33	1.84	2.53	41.08
1943	0.16	0.22	0.29	0.46	0.54	0.79	0.86	1.06	1.50	2.18	36.35
1944	0.44	0.59	0.80	1.17	1.24	1.25	1.25	1.25	1.39	1.64	31.02
1945	0.25	0.36	0.43	0.50	0.57	0.78	0.89	1.14	1.66	2.71	39.62
1946	0.14	0.20	0.25	0.35	0.40	0.50	0.66	0.98	1.80	1.85	19.30
1947	0.17	0.24	0.30	0.48	0.63	0.91	0.95	1.16	1.62	2.20	27.42
1948	0.13	0.17	0.20	0.25	0.38	0.71	0.89	1.67	2.77	3.44	40.76
1949	0.17	0.22	0.26	0.36	0.65	0.95	1.00	1.00	1.00	1.41	20.04
1950	0.30	0.40	0.49	0.71	0.86	1.11	1.26	1.35	2.04	3.30	42.49
1951	0.16	0.26	0.39	0.65	0.72	0.80	0.81	1.01	1.60	2.46	34.06
1952	0.18	0.20	0.22	0.35	0.53	0.78	0.89	0.98	1.46	2.26	36.59
1953	0.60	0.68	0.76	1.02	1.75	2.80	2.96	2.98	3.00	3.49	29.48
1954	0.11	0.21	0.30	0.34	0.44	0.68	0.73	1.15	1.34	2.19	34.33
1955	0.09	0.18	0.27	0.45	0.69	0.86	0.96	1.66	1.96	3.20	32.20
1956	0.19	0.23	0.30	0.37	0.52	0.53	0.72	1.23	1.69	2.45	28.19
1957	0.15	0.25	0.34	0.53	0.91	1.16	1.22	1.64	2.84	3.29	43.36
1958	0.28	0.35	0.39	0.51	0.79	1.08	1.30	1.39	2.28	2.40	37.15
1959	0.22	0.29	0.30	0.30	0.41	0.74	0.91	1.34	1.88	2.35	19.30
1960	0.18	0.24	0.31	0.44	0.66	0.85	1.05	1.63	2.31	2.38	37.34
1961	0.22	0.26	0.29	0.32	0.57	0.70	0.81	1.38	2.22	2.75	31.24
1962	0.33	0.47	0.56	0.75	0.88	0.91	1.18	1.36	1.56	2.91	31.49
1963	0.19	0.22	0.26	0.34	0.68	0.91	1.15	1.21	1.67	2.61	28.39
1964	0.16	0.30	0.50	0.63	0.70	1.07	1.11	1.73	2.74	3.57	31.53
1965	0.12	0.18	0.27	0.46	0.58	0.63	0.78	0.97	1.05	1.61	27.85
1966	0.07	0.09	0.14	0.22	0.39	0.72	1.04	1.67	1.91	1.93	22.02
1967	0.20	0.35	0.50	0.70	0.83	0.93	1.08	1.47	2.11	2.55	30.54
1968	*****	*****	*****	*****	1.30	1.30	1.40	1.60	2.30	2.98	42.27
1969	*****	*****	*****	*****	1.20	1.30	1.50	1.90	2.90	3.80	47.80
1970	*****	*****	*****	*****	1.30	1.50	2.40	2.90	3.20	3.20	49.50
1971	*****	*****	*****	*****	0.30	0.60	0.70	0.80	1.30	2.60	26.00
1972	*****	*****	*****	*****	1.00	1.10	1.20	1.30	1.40	1.80	36.20
1973	*****	*****	0.60	0.80	1.00	1.00	1.20	1.30	1.70	2.30	47.60
1974	*****	*****	0.30	0.40	0.60	0.90	1.00	1.20	1.60	2.60	32.20

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A40 9390 0	VOLTA POWER HOUSE	2200	16	30N	01E		M	40.450	121.867	SHASTA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.19	0.26	0.35	0.47	0.68	0.89	1.04	1.34	1.84	2.48	33.88
5	0.26	0.35	0.46	0.63	0.91	1.18	1.39	1.79	2.45	3.32	42.76
10	0.30	0.41	0.54	0.73	1.05	1.37	1.61	2.08	2.85	3.86	47.79
20	0.34	0.46	0.61	0.83	1.19	1.55	1.82	2.35	3.22	4.35	52.15
25	0.35	0.48	0.63	0.86	1.23	1.61	1.89	2.43	3.34	4.51	53.45
40	0.35	0.49	0.64	0.87	1.25	1.64	1.92	2.47	3.39	4.59	56.08
50	0.39	0.53	0.69	0.95	1.36	1.77	2.08	2.68	3.68	4.98	57.28
100	0.42	0.58	0.76	1.04	1.49	1.94	2.27	2.92	4.02	5.43	60.84
200	0.45	0.63	0.82	1.12	1.61	2.09	2.46	3.16	4.34	5.87	64.20
1000	0.53	0.73	0.96	1.31	1.88	2.45	2.87	3.70	5.08	6.86	71.41
10000	0.64	0.88	1.15	1.57	2.25	2.93	3.44	4.43	6.08	8.23	80.76
PMP	1.25	1.73	2.25	3.08	4.43	5.77	6.77	8.71	11.97	16.18	185.35
MEAN	0.205	0.282	0.369	0.504	0.724	0.943	1.107	1.425	1.957	2.646	34.549
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.191	1.690	1.259	1.405	1.282	3.151	2.865	1.986	0.504	0.130	0.012
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.524 ; INTERCEPT (TIME=1 HOUR) =0.686 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.01985 ; AVERAGE CALC CV / USED CV = 1.31

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	9.031	6.378	4.434	5.218	4.781	16.544	12.630	8.001	2.673	2.512	2.563
N	28	28	30	30	35	35	35	35	35	35	35
RECORD YEAR	1953	1953	1944	1944	1953	1953	1953	1953	1970	1941	1970
RECORD MAXIMUM	0.600	0.680	0.800	1.170	1.750	2.800	2.960	2.980	3.200	3.870	49.500
NORMILIZED MAX	3.625	3.124	2.713	3.018	3.150	4.667	4.146	3.335	2.186	1.891	1.795
CALC. COEF. VAR	0.533	0.651	0.431	0.437	0.450	0.422	0.404	0.327	0.291	0.245	0.241
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0059	0.0082	0.0107	0.0146	0.0209	0.0273	0.0320	0.0412	0.0566	0.0766	1.0000
RP10/A	0.0086	0.0119	0.0156	0.0213	0.0305	0.0398	0.0467	0.0601	0.0825	0.1116	1.3832
RP25/A	0.0101	0.0139	0.0182	0.0249	0.0357	0.0465	0.0546	0.0703	0.0965	0.1305	1.5472
RP50/A	0.0111	0.0154	0.0201	0.0275	0.0394	0.0514	0.0603	0.0776	0.1066	0.1441	1.6580
RP100/A	0.0122	0.0168	0.0219	0.0300	0.0430	0.0560	0.0657	0.0846	0.1163	0.1572	1.7611
RP1000/A	0.0156	0.0212	0.0277	0.0379	0.0543	0.0708	0.0831	0.1070	0.1469	0.1986	2.0668
RP10000/A	0.0184	0.0254	0.0332	0.0454	0.0651	0.0849	0.0996	0.1282	0.1761	0.2381	2.3377
PMP/A	0.0362	0.0499	0.0653	0.0893	0.1281	0.1670	0.1959	0.2522	0.3464	0.4683	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 P218 0	SIERRAVILLE R S	4975	13	20N	14E	K	M	39.583	120.369	SIERRA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.04	0.07	0.11	0.20	0.35	0.66	0.85	1.22	1.78	2.10	46.38
1941	*****	*****	0.12	0.16	0.29	0.40	0.44	0.69	1.19	1.32	27.54
1942	*****	*****	0.37	0.52	0.82	1.37	1.81	2.84	3.29	3.67	36.36
1943	*****	*****	0.50	0.85	0.93	0.95	0.97	1.03	1.35	2.76	22.45
1944	*****	*****	0.10	0.17	0.33	0.46	0.66	1.05	1.88	3.07	23.97
1945	*****	*****	0.75	0.85	0.86	0.87	0.88	1.16	1.72	3.22	36.51
1946	*****	*****	0.13	0.16	0.29	0.52	0.74	1.30	2.16	3.65	18.36
1947	*****	*****	0.16	0.31	0.56	1.00	1.11	1.32	1.72	2.80	13.49
1948	*****	*****	0.14	0.23	0.42	0.80	1.05	1.70	2.30	2.73	23.22
1949	*****	*****	0.26	0.28	0.29	0.44	0.56	1.08	1.59	2.26	14.09
1950	*****	*****	0.25	0.30	0.45	0.59	0.79	1.53	2.97	3.93	44.45
1951	*****	*****	0.60	0.85	1.02	1.20	1.20	1.84	2.38	3.14	33.74
1952	*****	*****	0.29	0.34	0.42	0.59	0.75	1.37	1.73	1.90	32.85
1953	*****	*****	0.35	0.42	0.55	0.57	0.58	0.70	0.80	1.57	19.52
1954	*****	*****	0.12	0.15	0.25	0.45	0.62	1.15	1.88	2.28	23.96
1955	*****	*****	0.24	0.26	0.44	0.77	0.90	1.73	3.02	4.25	35.31
1956	*****	*****	0.17	0.24	0.30	0.48	0.76	1.28	1.76	2.10	22.18
1957	*****	*****	0.09	0.17	0.30	0.50	0.70	1.29	2.00	2.48	25.23
1958	*****	*****	0.60	0.82	0.96	0.96	0.97	1.67	3.02	3.43	27.25
1959	*****	*****	0.20	0.31	0.62	0.90	1.34	1.80	2.15	2.22	19.29
1960	*****	*****	0.20	0.22	0.30	0.58	0.81	1.56	2.85	4.59	23.21
1961	*****	*****	0.13	0.19	0.31	0.46	0.50	0.56	0.79	0.95	14.76
1962	*****	*****	0.25	0.30	0.44	0.67	0.92	1.69	2.97	4.60	35.75
1963	*****	*****	0.31	0.40	0.78	1.15	1.50	2.05	2.84	5.15	37.63
1964	*****	*****	0.17	0.24	0.45	0.72	0.92	1.65	2.90	4.77	33.52
1965	*****	*****	0.22	0.35	0.43	0.54	0.83	1.31	1.72	2.20	25.05
1966	*****	*****	0.25	0.27	0.36	0.54	0.79	1.54	1.82	1.87	17.68
1967	*****	*****	0.25	0.38	0.45	0.67	0.81	1.46	2.39	3.42	33.54
1968	*****	*****	0.09	0.18	0.36	0.69	0.95	1.42	1.50	1.75	22.45
1969	*****	*****	0.25	0.35	0.50	0.70	0.76	1.22	2.10	3.46	38.95
1970	*****	*****	0.13	0.24	0.40	0.65	0.84	1.19	1.79	2.50	37.32
1971	*****	*****	0.15	0.20	0.37	0.68	0.92	1.49	1.94	2.73	26.22
1972	*****	*****	0.10	0.16	0.20	0.40	0.60	0.99	1.70	1.91	19.11
1973	*****	*****	*****	*****	0.39	0.73	0.96	1.40	1.87	2.32	30.40
1974	*****	*****	*****	*****	0.35	0.63	0.70	0.93	1.22	2.22	23.77

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 P218 0	SIERRAVILLE R S	4975	13	20N	14E	K	M	39.583	120.369	SIERRA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.23	0.31	0.51	0.69	0.85	1.32	1.93	2.66	27.05
5	0.0	0.0	0.31	0.42	0.68	0.93	1.14	1.76	2.57	3.56	34.13
10	0.0	0.0	0.36	0.49	0.79	1.08	1.32	2.05	2.99	4.14	38.15
20	0.0	0.0	0.40	0.55	0.89	1.22	1.49	2.31	3.38	4.67	41.63
25	0.0	0.0	0.42	0.57	0.92	1.26	1.54	2.39	3.50	4.84	42.67
40	0.0	0.0	0.42	0.58	0.93	1.28	1.57	2.43	3.56	4.92	44.77
50	0.0	0.0	0.46	0.63	1.01	1.39	1.70	2.64	3.86	5.34	45.73
100	0.0	0.0	0.50	0.69	1.11	1.52	1.86	2.88	4.21	5.82	48.57
200	0.0	0.0	0.54	0.74	1.20	1.64	2.01	3.12	4.55	6.30	51.25
1000	0.0	0.0	0.63	0.87	1.40	1.92	2.35	3.64	5.32	7.36	57.00
10000	0.0	0.0	0.76	1.04	1.67	2.30	2.82	4.37	6.38	8.82	64.47
PMP	0.0	0.0	1.49	2.05	3.29	4.52	5.54	8.59	12.54	17.35	147.97
MEAN	0.0	0.0	0.244	0.335	0.539	0.740	0.906	1.405	2.051	2.838	27.580
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.702	1.728	1.311	1.146	1.491	0.956	0.208	0.522	0.317
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.462 ; INTERCEPT (TIME=1 HOUR) =0.510 ; COEFFICIENT OF DETERMINATION = 0.994
1HR INTERCEPT / MEAN YR =0.01849 ; AVERAGE CALC CV / USED CV = 1.41

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	5.798	5.181	3.908	4.182	6.507	6.338	2.742	2.872	2.530
N	1	1	33	33	35	35	35	35	35	35	35
RECORD YEAR	0	0	1945	1943	1951	1942	1942	1942	1942	1963	1940
RECORD MAXIMUM	0.0	0.0	0.750	0.850	1.020	1.370	1.810	2.840	3.290	5.150	46.380
NORMILIZED MAX	0.0	0.0	3.146	2.452	1.948	2.498	3.167	3.333	1.917	2.249	2.191
CALC. COEF. VAR	0.0	0.0	0.659	0.626	0.459	0.341	0.315	0.306	0.315	0.362	0.311
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0	0.0088	0.0122	0.0195	0.0268	0.0328	0.0509	0.0744	0.1029	1.0000
RP10/A	0.0	0.0	0.0129	0.0177	0.0285	0.0391	0.0479	0.0742	0.1084	0.1499	1.3832
RP25/A	0.0	0.0	0.0151	0.0207	0.0333	0.0457	0.0560	0.0868	0.1268	0.1754	1.5472
RP50/A	0.0	0.0	0.0166	0.0229	0.0368	0.0504	0.0618	0.0958	0.1399	0.1936	1.6580
RP100/A	0.0	0.0	0.0182	0.0250	0.0401	0.0550	0.0674	0.1046	0.1527	0.2112	1.7611
RP1000/A	0.0	0.0	0.0229	0.0315	0.0507	0.0695	0.0852	0.1321	0.1929	0.2669	2.0668
RP10000/A	0.0	0.0	0.0275	0.0378	0.0607	0.0834	0.1021	0.1584	0.2313	0.3199	2.3377
PMP/A	0.0	0.0	0.0541	0.0744	0.1194	0.1640	0.2009	0.3115	0.4548	0.6292	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A60 2500 0	DOWNIEVILLE	2895	35	20N	10E	E	M	39.559	120.830	SIERRA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.10	0.20	0.28	0.42	0.67	1.11	1.36	2.04	2.99	3.89	******
1941	0.15	0.26	0.39	0.41	0.62	1.06	1.30	2.29	4.06	6.13	76.85
1942	0.10	0.14	0.16	0.32	0.63	1.10	1.31	1.98	3.38	5.59	82.36
1943	0.11	0.16	0.21	0.31	0.51	1.12	1.56	2.97	5.28	8.90	57.36
1944	0.05	0.07	0.10	0.20	0.37	0.64	1.00	1.82	2.79	4.43	63.25
1945	0.20	0.35	0.40	0.43	0.83	1.08	1.10	1.89	3.33	5.80	79.75
1946	0.10	0.20	0.24	0.30	0.45	0.87	1.25	2.39	4.15	6.36	41.31
1947	0.15	0.20	0.26	0.35	0.60	0.95	1.34	2.02	2.95	5.12	40.50
1948	0.17	0.18	0.25	0.35	0.55	0.88	1.12	1.85	2.76	5.18	61.20
1949	0.45	0.50	0.63	1.15	1.50	1.60	1.61	1.62	1.62	3.26	42.55
1950	0.12	0.22	0.26	0.35	0.55	0.86	1.36	2.39	3.70	5.85	99.47
1951	0.05	0.10	0.15	0.30	0.47	0.91	1.28	2.23	3.43	4.65	71.14
1952	0.10	0.17	0.26	0.50	0.65	0.90	1.28	2.08	3.79	4.98	78.20
1954	0.14	0.14	0.15	0.19	0.35	0.62	0.88	1.75	2.98	4.45	56.40
1955	0.15	0.20	0.30	0.50	0.70	1.13	1.55	2.20	4.20	4.42	64.48
1956	0.05	0.10	0.15	0.25	0.41	0.75	1.01	1.86	2.62	4.35	53.38
1957	0.08	0.15	0.22	0.30	0.47	0.71	1.09	1.88	2.00	4.90	72.55
1958	0.08	0.13	0.17	0.31	0.50	0.90	1.41	2.64	4.74	6.02	72.54
1959	0.12	0.16	0.22	0.28	0.49	0.83	1.08	1.95	2.84	4.73	45.89
1960	0.16	0.23	0.24	0.30	0.60	0.93	1.27	2.43	3.77	5.68	64.02
1961	0.15	0.25	0.28	0.30	0.41	0.68	0.90	1.40	2.23	3.51	43.01
1962	0.08	0.16	0.24	0.48	0.71	1.14	1.48	2.32	4.41	8.07	74.00
1963	0.12	0.12	0.20	0.60	0.66	1.05	1.47	2.68	5.08	8.40	67.63
1964	0.08	0.10	0.15	0.27	0.40	0.70	1.22	2.24	4.13	7.26	73.14
1965	0.13	0.18	0.20	0.28	0.48	0.85	1.27	2.18	2.96	3.79	60.28
1966	0.18	0.21	0.23	0.32	0.52	0.80	1.09	2.01	3.22	4.17	52.39
1967	0.14	0.18	0.19	0.32	0.63	1.13	1.48	2.37	2.82	4.21	70.24
1968	*****	*****	*****	*****	0.50	0.90	1.20	2.00	2.70	3.50	64.00
1969	*****	*****	*****	*****	0.40	0.70	1.10	2.00	3.30	4.40	83.50
1970	*****	*****	*****	*****	0.40	0.70	0.90	1.60	2.70	3.70	86.60
1974	*****	*****	0.20	0.30	0.60	0.80	1.00	1.90	2.80	4.80	63.30

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A60 2500 0	DOWNIEVILLE	2895	35	20N	10E	E	M	39.559	120.830	SIERRA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.18	0.22	0.34	0.53	0.86	1.16	1.87	3.15	4.86	64.11
5	0.16	0.24	0.30	0.46	0.71	1.15	1.55	2.63	4.21	6.49	80.91
10	0.19	0.27	0.35	0.53	0.83	1.34	1.80	3.05	4.89	7.54	90.43
20	0.21	0.31	0.39	0.60	0.93	1.51	2.03	3.45	5.52	8.52	98.68
25	0.22	0.32	0.40	0.62	0.97	1.56	2.10	3.57	5.72	8.82	101.15
40	0.23	0.32	0.41	0.63	0.98	1.59	2.14	3.63	5.82	8.97	106.13
50	0.24	0.35	0.45	0.69	1.07	1.72	2.32	3.94	6.31	9.74	108.40
100	0.27	0.38	0.49	0.75	1.17	1.88	2.53	4.30	6.89	10.63	115.14
200	0.29	0.42	0.53	0.81	1.26	2.03	2.74	4.65	7.45	11.49	121.48
1000	0.34	0.49	0.61	0.95	1.47	2.38	3.20	5.44	8.70	13.43	135.13
10000	0.40	0.58	0.74	1.13	1.77	2.86	3.83	6.52	10.43	16.10	152.84
PMP	0.79	1.15	1.45	2.23	3.47	5.60	7.54	12.82	20.52	31.66	350.76
MEAN	0.130	0.187	0.237	0.365	0.568	0.916	1.233	2.096	3.356	5.177	65.379
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	3.030	2.063	2.507	3.756	3.138	1.128	-0.002	0.644	0.416	1.121	0.042
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.369 ; INTERCEPT (TIME=1 HOUR) =0.587 ; COEFFICIENT OF DETERMINATION = 0.993
1HR INTERCEPT / MEAN YR =0.00898 ; AVERAGE CALC CV / USED CV = 1.13

KURTOSIS	15.473	9.317	17.146	19.694	16.270	5.708	2.459	3.763	3.252	4.044	3.012
N	27	27	28	28	31	31	31	31	31	31	30
RECORD YEAR	1949	1949	1949	1949	1949	1949	1949	1943	1943	1943	1950
RECORD MAXIMUM	0.450	0.500	0.630	1.180	1.500	1.600	1.610	2.970	5.280	8.900	99.470
NORMILIZED MAX	4.247	3.652	4.004	4.574	4.486	3.330	1.871	2.607	2.250	2.591	2.342
CALC. COEF. VAR	0.580	0.457	0.415	0.488	0.366	0.224	0.163	0.160	0.255	0.278	0.223
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0020	0.0029	0.0036	0.0056	0.0087	0.0140	0.0189	0.0321	0.0513	0.0792	1.0000
RP10/A	0.0029	0.0042	0.0053	0.0081	0.0127	0.0204	0.0275	0.0467	0.0748	0.1154	1.3832
RP25/A	0.0034	0.0049	0.0062	0.0095	0.0148	0.0239	0.0321	0.0546	0.0875	0.1350	1.5472
RP50/A	0.0037	0.0054	0.0068	0.0105	0.0163	0.0264	0.0355	0.0603	0.0966	0.1490	1.6580
RP100/A	0.0041	0.0059	0.0074	0.0115	0.0178	0.0288	0.0387	0.0658	0.1054	0.1625	1.7611
RP1000/A	0.0052	0.0074	0.0094	0.0145	0.0225	0.0363	0.0489	0.0832	0.1331	0.2054	2.0668
RP10000/A	0.0062	0.0089	0.0113	0.0174	0.0270	0.0436	0.0586	0.0997	0.1596	0.2462	2.3377
PMP/A	0.0122	0.0175	0.0221	0.0341	0.0531	0.0857	0.1153	0.1961	0.3139	0.4842	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A20 5983 0	MOUNT SHASTA CITY N W S	3540						41.317	122.317	SISKIYOU

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.09	0.13	0.17	0.29	0.49	0.77	1.05	2.10	3.53	6.06	53.31
1941	0.17	0.20	0.24	0.42	0.66	0.98	1.16	1.53	2.60	3.96	70.83
1942	0.13	0.15	0.15	0.17	0.27	0.54	0.75	1.24	2.11	3.10	37.19
1943	0.37	0.40	0.52	0.67	0.79	0.94	1.07	1.62	2.09	2.65	20.40
1944	0.43	0.78	0.82	0.87	0.98	1.09	1.23	1.25	1.62	2.31	29.77
1945	0.38	0.48	0.52	0.53	0.60	0.62	0.80	1.61	2.55	3.93	39.20
1946	0.35	0.40	0.53	0.65	0.65	0.71	1.06	1.98	2.73	3.34	21.65
1947	0.04	0.06	0.11	0.20	0.36	0.65	0.94	1.55	2.63	3.40	30.12
1948	0.13	0.20	0.31	0.45	0.60	0.74	0.77	1.02	1.49	2.13	30.46
1949	0.07	0.12	0.14	0.22	0.37	0.52	0.79	1.32	1.71	2.49	23.84
1950	0.10	0.19	0.28	0.38	0.62	1.12	1.62	2.68	3.39	4.70	45.73
1951	0.06	0.08	0.12	0.17	0.35	0.58	0.68	1.15	1.88	2.88	37.65
1952	0.08	0.15	0.19	0.19	0.35	0.55	0.77	1.57	2.64	4.17	46.67
1953	0.07	0.06	0.09	0.16	0.31	0.56	0.78	1.34	2.22	3.20	32.80
1954	0.03	0.05	0.08	0.16	0.30	0.58	0.82	1.48	2.33	3.59	42.56
1955	0.06	0.12	0.18	0.28	0.43	0.78	1.11	2.04	3.19	4.30	35.72
1956	0.23	0.45	0.45	0.70	0.93	1.43	1.43	1.43	2.43	3.53	30.02
1957	0.07	0.13	0.18	0.30	0.57	0.93	1.27	2.27	3.56	5.90	48.57
1958	0.05	0.10	0.12	0.24	0.41	0.68	0.92	1.51	2.75	4.44	52.11
1959	0.03	0.05	0.08	0.13	0.24	0.42	0.62	1.16	1.77	2.82	32.74
1960	0.10	0.19	0.24	0.42	0.42	0.66	0.88	1.69	3.37	4.95	41.92
1961	0.17	0.22	0.27	0.31	0.31	0.56	0.80	1.24	1.80	3.22	33.33
1962	0.06	0.12	0.18	0.36	0.58	0.81	1.03	1.94	3.29	3.59	41.15
1963	0.40	0.50	0.55	0.64	0.72	0.72	0.72	1.18	1.90	2.72	37.65
1964	0.06	0.09	0.11	0.19	0.35	0.62	0.90	1.63	3.03	4.80	32.47
1965	0.10	0.15	0.17	0.35	0.41	0.65	0.88	1.36	2.43	3.02	38.49
1966	0.05	0.10	0.12	0.18	0.24	0.47	0.60	1.18	1.79	3.40	35.43
1967	0.03	0.06	0.09	0.17	0.30	0.50	0.77	1.32	2.26	2.87	37.25
1968	0.05	0.10	0.13	0.24	0.41	0.72	1.00	1.67	2.67	2.94	36.50
1969	0.05	0.08	0.11	0.22	0.39	0.73	1.02	2.02	3.18	3.88	42.83
1970	0.05	0.09	0.10	0.17	0.31	0.66	0.82	1.21	1.85	3.03	37.28
1971	0.14	0.18	0.29	0.43	0.70	0.95	1.03	1.03	1.24	2.40	27.12
1972	0.04	0.07	0.11	0.18	0.32	0.48	0.70	0.81	1.28	1.97	24.30
1973	0.13	0.19	0.21	0.28	0.56	0.87	1.10	1.74	2.63	3.88	49.26
1974	0.09	0.11	0.14	0.23	0.46	0.84	1.20	2.28	4.21	6.97	43.63
1975	0.05	0.08	0.10	0.18	0.33	0.60	0.79	1.31	2.38	3.05	31.45

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A20 5983 0	MOUNT SHASTA CITY N W S	3540						41.317	122.317	SISKIYOU

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.17	0.21	0.31	0.45	0.68	0.89	1.45	2.31	3.38	36.81
5	0.16	0.23	0.29	0.41	0.60	0.91	1.18	1.93	3.08	4.52	46.46
10	0.18	0.27	0.33	0.47	0.69	1.05	1.38	2.24	3.58	5.25	51.93
20	0.20	0.30	0.38	0.54	0.78	1.19	1.55	2.54	4.05	5.93	56.66
25	0.21	0.31	0.39	0.56	0.81	1.23	1.61	2.63	4.19	6.14	58.08
40	0.22	0.32	0.40	0.56	0.82	1.25	1.64	2.67	4.26	6.24	60.94
50	0.23	0.35	0.43	0.61	0.89	1.36	1.78	2.90	4.63	6.78	62.25
100	0.25	0.38	0.47	0.67	0.97	1.48	1.94	3.16	5.05	7.39	66.11
200	0.28	0.41	0.51	0.72	1.05	1.60	2.09	3.42	5.46	7.99	69.76
1000	0.32	0.48	0.59	0.85	1.23	1.88	2.45	4.00	6.38	9.34	77.59
10000	0.39	0.57	0.71	1.01	1.48	2.25	2.93	4.79	7.65	11.20	87.76
PMP	0.76	1.13	1.39	1.99	2.90	4.42	5.77	9.42	15.04	22.03	201.41
MEAN	0.124	0.184	0.228	0.326	0.475	0.723	0.944	1.541	2.459	3.602	37.542
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.646	2.101	1.791	1.320	1.013	1.306	0.958	0.799	0.355	1.194	0.958
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.442 ; INTERCEPT (TIME=1 HOUR) =0.493 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.01312 ; AVERAGE CALC CV / USED CV = 1.70

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.674	7.715	6.162	4.220	3.644	5.414	4.267	3.647	2.903	4.686	5.433
N	36	36	36	36	36	36	36	36	36	36	36
RECORD YEAR	1944	1944	1944	1944	1944	1956	1950	1950	1974	1974	1941
RECORD MAXIMUM	0.430	0.780	0.820	0.870	0.980	1.430	1.620	2.680	4.210	6.970	70.830
NORMILIZED MAX	2.630	3.711	3.446	2.929	2.670	3.339	2.999	2.785	2.487	3.012	3.339
CALC. COEF. VAR	0.937	0.872	0.753	0.570	0.399	0.293	0.239	0.266	0.286	0.310	0.266
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0033	0.0049	0.0061	0.0087	0.0126	0.0193	0.0251	0.0410	0.0655	0.0960	1.0000
RP10/A	0.0048	0.0071	0.0089	0.0126	0.0184	0.0281	0.0366	0.0598	0.0955	0.1398	1.3832
RP25/A	0.0056	0.0084	0.0104	0.0148	0.0216	0.0328	0.0429	0.0699	0.1116	0.1636	1.5472
RP50/A	0.0062	0.0092	0.0114	0.0163	0.0238	0.0362	0.0473	0.0772	0.1232	0.1805	1.6580
RP100/A	0.0068	0.0101	0.0125	0.0178	0.0260	0.0395	0.0516	0.0842	0.1345	0.1970	1.7611
RP1000/A	0.0086	0.0127	0.0158	0.0225	0.0328	0.0500	0.0652	0.1064	0.1699	0.2489	2.0668
RP10000/A	0.0103	0.0153	0.0189	0.0270	0.0393	0.0599	0.0782	0.1276	0.2037	0.2983	2.3377
PMP/A	0.0202	0.0300	0.0371	0.0531	0.0773	0.1178	0.1537	0.2509	0.4006	0.5868	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F10 9053 0	TULELAKE	4035	06	47N	05E		M	41.967	121.467	SISKIYOU

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	0.25	0.36	0.43	0.45	0.61	0.66	0.71	0.79	1.00	1.02	14.42
1942	0.10	0.18	0.23	0.36	0.40	0.42	0.63	0.45	0.49	0.77	9.30
1943	0.28	0.42	0.60	0.60	0.64	0.64	0.64	0.64	0.73	0.83	10.31
1944	0.11	0.11	0.12	0.13	0.17	0.31	0.39	0.59	0.92	1.15	10.00
1945	0.28	0.38	0.50	0.73	0.82	0.88	1.02	1.07	1.07	1.20	13.31
1946	0.12	0.15	0.22	0.24	0.25	0.30	0.32	0.40	0.46	0.53	7.59
1947	0.12	0.18	0.24	0.30	0.37	0.48	0.50	0.56	0.71	0.84	8.59
1948	0.12	0.20	0.39	0.40	0.43	0.48	0.48	0.72	1.08	1.44	14.91
1949	0.63	0.72	0.75	0.79	0.80	0.81	0.82	0.82	0.84	0.95	7.02
1950	0.32	0.49	0.62	0.90	0.96	1.00	1.01	1.04	1.04	1.04	11.39
1951	0.07	0.08	0.10	0.14	0.14	0.23	0.31	0.45	0.67	0.72	8.40
1952	0.08	0.14	0.16	0.20	0.25	0.35	0.50	0.63	0.69	0.72	11.32
1953	0.24	0.26	0.30	0.38	0.52	0.61	0.87	0.98	0.98	1.05	14.59
1954	0.09	0.15	0.17	0.17	0.18	0.19	0.21	0.33	0.39	0.56	8.42
1955	0.07	0.11	0.12	0.15	0.17	0.20	0.22	0.34	0.68	1.39	10.10
1956	0.06	0.08	0.13	0.19	0.21	0.24	0.30	0.47	0.94	1.81	12.22
1957	0.10	0.19	0.28	0.40	0.45	0.47	0.48	0.61	1.05	1.41	15.10
1958	0.10	0.19	0.23	0.28	0.28	0.36	0.41	0.42	0.48	0.73	13.49
1959	0.04	0.06	0.08	0.13	0.25	0.27	0.27	0.30	0.45	0.47	4.78
1960	0.11	0.12	0.12	0.13	0.18	0.28	0.35	0.57	0.74	1.33	11.19
1961	0.19	0.22	0.27	0.31	0.31	0.35	0.35	0.43	0.60	0.63	10.25
1962	0.12	0.19	0.21	0.33	0.33	0.35	0.45	0.51	0.76	1.32	13.31
1963	0.07	0.11	0.13	0.16	0.19	0.26	0.33	0.57	0.58	0.80	9.05
1964	0.08	0.15	0.19	0.30	0.33	0.46	0.65	1.03	1.68	2.07	14.89
1965	0.10	0.14	0.16	0.32	0.36	0.39	0.53	0.79	0.92	1.30	11.97
1966	0.05	0.06	0.09	0.14	0.20	0.30	0.33	0.49	0.55	0.65	8.91
1967	0.40	0.56	0.63	0.78	0.81	0.90	0.96	0.96	1.28	1.40	9.31
1968	0.08	0.14	0.20	0.30	0.35	0.46	0.54	0.85	0.87	0.87	11.33
1969	0.04	0.05	0.07	0.13	0.23	0.37	0.40	0.66	0.78	1.36	12.67
1970	0.11	0.23	0.28	0.33	0.50	0.60	0.61	0.69	0.69	1.26	10.26
1971	0.08	0.16	0.18	0.23	0.29	0.36	0.43	0.52	0.86	1.08	11.72
1972	*****	*****	*****	*****	0.14	0.27	0.35	0.45	0.50	0.59	10.32
1973	*****	*****	*****	*****	0.15	0.24	0.29	0.38	0.70	0.78	10.02
1974	*****	*****	*****	*****	0.13	0.23	0.32	0.43	0.66	0.51	6.71

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F10 9053 0	TULELAKE	4035	06	47N	05E		M	41.967	121.467	SISKIYOU

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.20	0.24	0.31	0.34	0.41	0.46	0.58	0.73	0.96	10.61
5	0.19	0.27	0.33	0.42	0.46	0.55	0.62	0.78	0.98	1.29	13.16
10	0.22	0.31	0.38	0.49	0.54	0.64	0.73	0.91	1.14	1.50	14.61
20	0.25	0.35	0.43	0.56	0.61	0.72	0.82	1.03	1.29	1.70	15.87
25	0.26	0.37	0.45	0.58	0.63	0.75	0.85	1.06	1.34	1.76	16.24
40	0.28	0.37	0.46	0.59	0.64	0.76	0.87	1.08	1.36	1.79	17.00
50	0.28	0.40	0.50	0.66	0.70	0.83	0.94	1.17	1.48	1.95	17.34
100	0.31	0.44	0.54	0.70	0.76	0.90	1.03	1.28	1.62	2.13	18.37
200	0.34	0.48	0.59	0.76	0.82	0.98	1.11	1.39	1.75	2.30	19.33
1000	0.39	0.56	0.69	0.89	0.96	1.14	1.30	1.63	2.05	2.69	21.41
10000	0.47	0.67	0.83	1.06	1.16	1.37	1.56	1.95	2.47	3.23	24.10
PMP	0.93	1.33	1.64	2.10	2.28	2.71	3.09	3.86	4.87	6.39	54.21
MEAN	0.149	0.212	0.261	0.335	0.365	0.433	0.494	0.616	0.778	1.020	10.799
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.316	1.767	1.400	1.338	1.228	1.232	1.108	0.672	0.663	0.684	-0.095
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.689 ; INTERCEPT (TIME=1 HOUR) =0.367 ; COEFFICIENT OF DETERMINATION = 0.991
1HR INTERCEPT / MEAN YR =0.03397 ; AVERAGE CALC CV / USED CV = 1.82

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	9.304	6.153	4.294	4.236	3.879	3.962	3.586	2.664	3.577	3.397	2.853
N	31	31	31	31	34	34	34	34	34	34	34
RECORD YEAR	1949	1949	1949	1950	1950	1950	1945	1945	1964	1964	1957
RECORD MAXIMUM	0.630	0.720	0.750	0.900	0.960	1.000	1.020	1.070	1.480	2.070	15.100
NORMILIZED MAX	3.812	3.248	2.708	2.634	2.667	2.654	2.355	2.062	2.769	2.724	1.681
CALC. COEF. VAR	0.849	0.736	0.691	0.639	0.612	0.494	0.453	0.358	0.326	0.378	0.237
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0138	0.0197	0.0242	0.0311	0.0338	0.0401	0.0457	0.0570	0.0720	0.0945	1.0000
RP10/A	0.0203	0.0289	0.0356	0.0457	0.0497	0.0590	0.0672	0.0839	0.1059	0.1389	1.3529
RP25/A	0.0238	0.0339	0.0417	0.0536	0.0583	0.0692	0.0788	0.0984	0.1242	0.1629	1.5039
RP50/A	0.0263	0.0375	0.0461	0.0593	0.0644	0.0765	0.0872	0.1088	0.1373	0.1801	1.6060
RP100/A	0.0287	0.0409	0.0504	0.0647	0.0704	0.0835	0.0952	0.1188	0.1500	0.1968	1.7009
RP1000/A	0.0364	0.0519	0.0639	0.0820	0.0892	0.1059	0.1207	0.1506	0.1901	0.2494	1.9825
RP10000/A	0.0437	0.0623	0.0767	0.0985	0.1071	0.1271	0.1449	0.1808	0.2283	0.2995	2.2320
PMP/A	0.0863	0.1231	0.1516	0.1946	0.2116	0.2512	0.2863	0.3573	0.4511	0.5917	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F20 2899 0	ETNA	2912	2B	42N	09W		M	41.467	122.900	SISKIYOU

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	0.35	0.45	0.53	0.65	0.67	0.73	0.79	1.30	2.45	4.32	31.94
1942	0.05	0.09	0.14	0.20	0.33	0.52	0.73	1.16	1.75	2.43	30.19
1943	0.04	0.07	0.10	0.20	0.40	0.70	1.00	1.42	2.14	3.70	19.94
1944	0.14	0.20	0.24	0.25	0.25	0.35	0.46	0.63	0.84	1.48	16.22
1945	0.23	0.35	0.47	0.54	0.55	0.61	0.61	1.17	1.81	2.44	27.11
1946	0.09	0.17	0.24	0.32	0.38	0.55	0.68	1.20	1.85	2.73	19.48
1947	*****	*****	0.12	0.18	0.34	0.67	0.88	1.09	1.63	2.17	16.10
1948	0.16	0.17	0.20	0.31	0.45	0.78	0.98	1.46	1.81	2.45	31.37
1949	0.10	0.15	0.23	0.36	0.55	0.71	0.77	0.91	1.21	1.43	14.46
1950	0.21	0.32	0.42	0.43	0.47	0.71	0.80	1.50	2.69	3.86	39.06
1951	0.17	0.24	0.34	0.36	0.37	0.62	0.73	1.21	1.65	2.88	33.79
1952	0.07	0.10	0.15	0.25	0.40	0.57	0.71	1.20	1.63	2.22	27.86
1953	0.05	0.09	0.13	0.19	0.29	0.48	0.67	1.05	1.59	3.09	30.62
1954	0.10	0.11	0.11	0.18	0.25	0.40	0.56	0.90	1.56	2.36	26.65
1955	0.14	0.25	0.25	0.30	0.42	0.79	1.14	1.91	3.32	4.57	26.53
1956	0.09	0.16	0.19	0.23	0.30	0.54	0.74	1.28	1.82	2.41	23.72
1957	0.05	0.08	0.12	0.24	0.42	0.77	0.95	1.53	2.03	3.19	33.73
1958	0.24	0.45	0.57	0.79	0.90	1.00	1.00	1.00	1.45	2.13	28.00
1959	0.05	0.09	0.13	0.26	0.44	0.57	0.65	0.81	0.89	1.20	10.71
1960	0.06	0.11	0.15	0.21	0.34	0.52	0.70	1.23	2.05	3.07	31.48
1961	0.06	0.11	0.16	0.31	0.52	0.76	0.95	1.41	1.87	2.01	23.18
1962	0.05	0.09	0.10	0.20	0.36	0.62	0.76	1.37	2.34	3.30	29.48
1963	0.36	0.57	0.68	0.95	1.20	1.43	1.43	1.43	1.85	2.68	25.22
1964	0.37	0.41	0.42	0.44	0.44	0.87	1.27	2.26	3.89	7.17	38.17
1965	0.10	0.11	0.12	0.19	0.34	0.57	0.71	0.93	0.93	0.93	16.24
1966	0.05	0.10	0.15	0.25	0.37	0.48	0.64	1.21	1.91	3.12	22.09
1967	0.05	0.06	0.07	0.12	0.22	0.39	0.53	0.98	1.50	2.47	20.03
1968	0.05	0.06	0.09	0.16	0.30	0.58	0.79	1.07	1.52	1.98	21.97
1969	0.26	0.40	0.51	0.80	0.95	0.95	0.95	1.02	1.52	2.30	26.00
1970	0.04	0.08	0.10	0.14	0.22	0.43	0.59	1.10	1.74	2.07	33.00
1971	0.34	0.51	0.63	0.74	0.86	0.86	0.86	1.18	1.94	2.32	22.00
1972	0.27	0.40	0.50	0.57	0.60	0.95	1.00	1.42	2.25	3.35	33.36
1973	*****	*****	*****	*****	0.34	0.59	0.74	1.17	1.36	1.91	30.09
1974	*****	*****	*****	*****	0.29	0.47	0.70	1.32	1.84	3.16	28.49

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F20 2899 0	ETNA	2912	2B	42N	09W		M	41.467	122.900	SISKIYOU

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.20	0.24	0.33	0.43	0.62	0.76	1.15	1.73	2.56	25.66
5	0.18	0.27	0.33	0.45	0.58	0.84	1.02	1.55	2.32	3.45	31.84
10	0.21	0.31	0.38	0.52	0.67	0.97	1.19	1.81	2.71	4.02	35.35
20	0.24	0.35	0.43	0.59	0.76	1.10	1.34	2.05	3.07	4.55	38.38
25	0.24	0.36	0.45	0.61	0.79	1.14	1.39	2.12	3.18	4.71	39.29
40	0.25	0.37	0.46	0.62	0.80	1.16	1.42	2.16	3.23	4.79	41.12
50	0.27	0.40	0.50	0.67	0.87	1.26	1.54	2.35	3.51	5.21	41.96
100	0.30	0.44	0.54	0.74	0.95	1.38	1.68	2.56	3.84	5.69	44.44
200	0.32	0.48	0.59	0.80	1.03	1.49	1.82	2.77	4.15	6.16	46.77
1000	0.37	0.56	0.69	0.93	1.21	1.75	2.13	3.25	4.86	7.21	51.79
10000	0.45	0.67	0.83	1.12	1.45	2.10	2.56	3.90	5.84	8.66	58.31
PMP	0.89	1.32	1.64	2.22	2.86	4.15	5.05	7.71	11.54	17.12	131.15
MEAN	0.142	0.211	0.261	0.354	0.457	0.663	0.806	1.230	1.842	2.732	26.126
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.969	0.943	0.965	1.343	1.787	1.448	1.026	1.224	1.382	1.879	-0.292
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.529 ; INTERCEPT (TIME=1 HOUR) =0.479 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.01834 ; AVERAGE CALC CV / USED CV = 1.58

KURTOSIS	2.843	2.761	2.782	4.042	6.250	6.711	4.637	6.553	6.690	9.299	2.791
N	31	31	32	32	34	34	34	34	34	34	34
RECORD YEAR	1964	1963	1963	1963	1963	1963	1963	1964	1964	1964	1950
RECORD MAXIMUM	0.370	0.570	0.680	0.950	1.200	1.430	1.430	2.260	3.890	7.170	39.060
NORMILIZED MAX	2.105	2.330	2.295	2.713	3.317	3.571	3.050	3.399	3.367	3.922	1.886
CALC. COEF. VAR	0.766	0.728	0.698	0.621	0.490	0.324	0.253	0.246	0.330	0.414	0.262
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0054	0.0081	0.0100	0.0135	0.0175	0.0254	0.0309	0.0471	0.0705	0.1046	1.0000
RP10/A	0.0080	0.0119	0.0147	0.0199	0.0257	0.0373	0.0454	0.0693	0.1037	0.1538	1.3529
RP25/A	0.0094	0.0140	0.0173	0.0234	0.0302	0.0438	0.0533	0.0812	0.1216	0.1804	1.5039
RP50/A	0.0103	0.0154	0.0191	0.0258	0.0334	0.0484	0.0589	0.0898	0.1345	0.1995	1.6060
RP100/A	0.0113	0.0168	0.0208	0.0282	0.0364	0.0529	0.0643	0.0981	0.1469	0.2179	1.7009
RP1000/A	0.0143	0.0214	0.0264	0.0358	0.0462	0.0670	0.0815	0.1243	0.1862	0.2761	1.9825
RP10000/A	0.0172	0.0256	0.0317	0.0429	0.0555	0.0805	0.0979	0.1493	0.2236	0.3316	2.2320
PMP/A	0.0340	0.0507	0.0626	0.0848	0.1096	0.1590	0.1934	0.2950	0.4417	0.6552	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
F20 3176 0	FORT JONES 6ESE	3324	12	43N	08W		M	41.583	122.717	SISKIYOU

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1944	0.25	0.46	0.58	0.77	1.03	1.11	1.17	1.17	1.20	1.20	16.51
1945	0.30	0.30	0.30	0.30	0.30	0.45	0.47	0.79	1.16	1.35	22.19
1946	0.03	0.06	0.09	0.15	0.30	0.53	0.68	1.22	1.84	2.49	16.21
1947	0.04	0.07	0.11	0.16	0.25	0.43	0.50	0.73	1.24	1.54	12.26
1948	0.24	0.40	0.60	0.86	0.95	1.03	1.15	1.45	1.45	1.51	22.93
1949	0.09	0.16	0.24	0.34	0.38	0.58	0.60	0.87	0.94	1.23	10.35
1950	0.20	0.34	0.47	0.93	1.16	1.34	1.68	1.50	2.73	3.45	28.58
1951	0.04	0.07	0.10	0.17	0.32	0.51	0.55	0.78	1.12	1.70	21.59
1952	0.05	0.09	0.14	0.20	0.35	0.55	0.70	0.89	1.29	1.29	21.90
1953	0.04	0.07	0.10	0.17	0.34	0.63	0.85	1.03	1.03	1.36	19.32
1954	0.08	0.10	0.10	0.15	0.22	0.42	0.60	0.88	1.54	1.95	17.90
1955	0.13	0.15	0.16	0.20	0.22	0.39	0.53	0.68	0.93	1.48	18.81
1956	0.10	0.12	0.15	0.23	0.35	0.55	0.76	1.13	1.40	1.93	18.46
1957	0.05	0.09	0.13	0.16	0.25	0.42	0.55	0.88	1.56	2.20	25.96
1958	0.35	0.55	0.65	0.80	0.90	0.90	0.90	0.99	1.37	1.91	27.74
1959	0.06	0.10	0.12	0.20	0.25	0.41	0.46	0.50	0.60	0.68	11.27
1960	0.05	0.08	0.12	0.17	0.31	0.60	0.85	1.27	1.55	2.14	25.21
1961	0.15	0.20	0.21	0.26	0.46	0.54	0.61	0.86	1.30	1.50	18.40
1962	0.13	0.25	0.30	0.30	0.33	0.53	0.73	1.32	1.99	2.21	22.73
1963	0.20	0.30	0.39	0.52	0.57	0.57	0.57	0.76	1.11	1.51	19.02
1964	0.05	0.08	0.12	0.16	0.27	0.45	0.60	0.88	1.68	2.93	23.50
1965	0.15	0.19	0.23	0.39	0.46	0.53	0.56	0.76	0.95	1.07	15.51
1966	0.17	0.25	0.38	0.57	0.61	0.61	0.68	1.08	1.56	1.74	18.82
1967	0.35	0.61	0.92	1.42	1.59	2.14	2.14	2.14	2.14	2.14	19.09
1968	*****	*****	*****	*****	0.50	0.60	0.70	0.90	1.10	1.10	16.97
1969	*****	*****	*****	*****	0.90	1.00	1.00	1.10	1.70	2.20	27.00
1970	*****	*****	*****	*****	0.30	0.50	0.70	1.30	2.00	2.20	28.50
1971	*****	*****	*****	*****	0.60	0.60	0.60	0.80	1.00	1.20	20.50
1972	*****	*****	*****	*****	0.30	0.40	0.60	0.90	1.70	2.30	18.00
1973	*****	*****	0.20	0.30	0.30	0.50	0.70	1.00	1.30	1.80	21.00
1974	*****	*****	0.30	0.30	0.50	0.50	0.70	1.30	2.30	3.90	21.70

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
F20 3176 0	FORT JONES 6ESE	3324	12	43N	08W		M	41.583	122.717	SISKIYOU

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.20	0.26	0.37	0.47	0.61	0.72	0.97	1.35	1.73	19.80
5	0.17	0.27	0.35	0.49	0.63	0.83	0.96	1.30	1.82	2.33	24.69
10	0.20	0.31	0.41	0.58	0.74	0.96	1.12	1.52	2.12	2.71	27.40
20	0.23	0.35	0.46	0.65	0.84	1.09	1.27	1.72	2.40	3.07	29.76
25	0.24	0.37	0.48	0.68	0.87	1.13	1.32	1.78	2.49	3.18	30.66
40	0.24	0.37	0.49	0.69	0.88	1.15	1.34	1.81	2.53	3.24	31.88
50	0.26	0.40	0.53	0.75	0.96	1.25	1.46	1.97	2.75	3.52	32.53
100	0.29	0.44	0.58	0.82	1.05	1.37	1.59	2.15	3.01	3.84	34.45
200	0.31	0.48	0.63	0.88	1.13	1.48	1.72	2.32	3.26	4.16	36.26
1000	0.36	0.56	0.73	1.03	1.33	1.73	2.02	2.72	3.81	4.87	40.16
10000	0.44	0.67	0.88	1.24	1.59	2.08	2.42	3.27	4.58	5.85	45.21
PMP	0.86	1.33	1.74	2.45	3.14	4.11	4.79	6.45	9.05	11.56	101.68
MEAN	0.137	0.212	0.277	0.392	0.502	0.655	0.764	1.030	1.444	1.845	20.256
CLOCK HR. CORR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.884	1.176	1.534	1.804	1.772	2.849	2.676	1.490	0.826	1.158	-0.090
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.534 ; INTERCEPT (TIME=1 HOUR) =0.489 ; COEFFICIENT OF DETERMINATION = 0.989
1HR INTERCEPT / MEAN YR =0.02414 ; AVERAGE CALC CV / USED CV = 1.92

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.052	3.809	5.288	6.305	6.095	12.475	11.553	7.025	4.073	5.020	3.070
N	24	24	26	26	31	31	31	31	31	31	31
RECORD YEAR	1958	1967	1967	1967	1967	1967	1967	1967	1950	1974	1950
RECORD MAXIMUM	0.350	0.610	0.920	1.420	1.590	2.140	2.140	2.140	2.730	3.900	28.580
NORMALIZED MAX	2.112	2.478	3.028	3.227	3.313	4.149	4.041	3.526	2.807	2.963	1.772
CALC. COEF. VAR	0.732	0.757	0.765	0.814	0.654	0.546	0.465	0.305	0.317	0.276	0.232
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0068	0.0105	0.0137	0.0193	0.0248	0.0324	0.0377	0.0509	0.0713	0.0911	1.0000
RP10/A	0.0100	0.0154	0.0201	0.0284	0.0364	0.0476	0.0555	0.0748	0.1048	0.1340	1.3529
RP25/A	0.0117	0.0181	0.0236	0.0333	0.0427	0.0558	0.0651	0.0877	0.1230	0.1572	1.5039
RP50/A	0.0129	0.0200	0.0261	0.0369	0.0473	0.0617	0.0720	0.0970	0.1360	0.1738	1.6060
RP100/A	0.0141	0.0218	0.0285	0.0403	0.0516	0.0674	0.0786	0.1060	0.1485	0.1898	1.7009
RP1000/A	0.0179	0.0276	0.0361	0.0510	0.0654	0.0854	0.0996	0.1343	0.1882	0.2406	1.9825
RP10000/A	0.0215	0.0332	0.0434	0.0613	0.0786	0.1026	0.1196	0.1613	0.2260	0.2889	2.2320
PMP/A	0.0425	0.0656	0.0858	0.1211	0.1552	0.2027	0.2364	0.3187	0.4466	0.5708	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
F20 5785 0	MONTAGUE 3NE	2640	18	45N	05W		M	41.750	122.467	SISKIYOU

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1940	*****	*****	0.17	0.25	0.44	0.60	0.61	0.63	0.65	0.88	16.37
1941	*****	*****	0.31	0.54	0.81	0.83	0.86	0.87	1.11	1.33	18.47
1942	*****	*****	0.20	0.27	0.27	0.32	0.33	0.66	0.72	0.97	16.51
1943	*****	*****	0.05	0.09	0.15	0.27	0.30	0.41	0.77	1.23	10.39
1944	*****	*****	0.52	0.69	0.76	0.82	0.82	0.82	0.82	0.82	12.00
1945	*****	*****	0.19	0.52	0.56	0.59	0.60	0.75	1.16	1.18	15.05
1946	*****	*****	0.10	0.15	0.25	0.40	0.51	0.77	1.26	1.47	9.26
1947	*****	*****	0.08	0.17	0.19	0.35	0.46	0.55	0.64	0.69	8.46
1948	*****	*****	0.39	0.40	0.42	0.42	0.43	0.62	1.00	1.24	17.48
1949	*****	*****	0.34	0.46	0.49	0.86	0.86	0.86	0.87	0.87	6.34
1950	*****	*****	0.11	0.15	0.26	0.44	0.58	0.85	0.99	1.25	16.03
1951	*****	*****	0.19	0.20	0.30	0.44	0.45	0.68	0.81	1.21	14.32
1952	*****	*****	0.10	0.16	0.20	0.39	0.50	0.55	0.70	1.05	13.67
1953	*****	*****	0.13	0.15	0.27	0.32	0.36	0.50	0.62	1.43	13.33
1954	*****	*****	0.16	0.18	0.21	0.29	0.34	0.50	0.69	0.83	10.54
1955	*****	*****	0.14	0.16	0.21	0.31	0.39	0.76	1.16	1.62	11.51
1956	*****	*****	0.37	0.71	0.81	0.87	0.89	0.92	1.15	1.33	12.39
1957	*****	*****	0.11	0.19	0.27	0.53	0.60	0.66	1.10	1.32	16.70
1958	*****	*****	0.23	0.35	0.52	0.55	0.65	0.65	0.86	1.20	14.16
1959	*****	*****	0.10	0.12	0.13	0.16	0.23	0.35	0.35	0.55	5.51
1960	*****	*****	0.07	0.13	0.25	0.49	0.67	1.07	1.43	1.74	14.81
1961	*****	*****	0.17	0.21	0.33	0.49	0.50	0.53	0.89	1.05	14.45
1962	*****	*****	0.12	0.15	0.23	0.40	0.50	0.87	1.23	1.52	13.43
1963	*****	*****	0.19	0.21	0.22	0.31	0.40	0.51	0.83	0.82	11.02
1964	*****	*****	0.12	0.23	0.35	0.44	0.55	0.91	1.59	2.84	15.14
1965	*****	*****	0.15	0.16	0.18	0.20	0.28	0.45	0.57	0.63	9.00
1966	*****	*****	0.12	0.15	0.25	0.36	0.46	0.86	1.20	1.20	12.00
1967	*****	*****	0.60	0.74	0.97	1.30	1.35	1.55	1.55	1.55	11.70
1968	*****	*****	0.22	0.23	0.22	0.30	0.32	0.45	0.50	0.50	10.21
1969	*****	*****	0.36	0.70	0.97	1.04	1.05	1.14	1.15	1.37	******
1970	*****	*****	0.09	0.15	0.18	0.31	0.46	0.73	1.06	1.28	16.25
1973	*****	*****	0.30	0.40	0.40	0.40	0.50	0.60	1.10	1.50	12.40
1974	*****	*****	0.20	0.20	0.30	0.30	0.50	0.90	1.50	2.10	13.70

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
F20 5785 0	MONTAGUE 3NE	2640	18	45N	05W		M	41.750	122.467	SISKIYOU

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.19	0.27	0.35	0.46	0.52	0.68	0.90	1.16	12.69
5	0.0	0.0	0.26	0.37	0.48	0.62	0.70	0.91	1.22	1.57	15.75
10	0.0	0.0	0.30	0.43	0.56	0.72	0.81	1.07	1.42	1.83	17.49
20	0.0	0.0	0.34	0.48	0.63	0.81	0.92	1.21	1.61	2.07	18.99
25	0.0	0.0	0.35	0.50	0.65	0.84	0.95	1.25	1.66	2.14	19.44
40	0.0	0.0	0.36	0.51	0.66	0.86	0.97	1.27	1.69	2.18	20.34
50	0.0	0.0	0.39	0.55	0.72	0.93	1.05	1.38	1.84	2.37	20.76
100	0.0	0.0	0.42	0.61	0.79	1.02	1.15	1.51	2.01	2.59	21.98
200	0.0	0.0	0.46	0.66	0.85	1.10	1.24	1.64	2.18	2.80	23.14
1000	0.0	0.0	0.54	0.77	1.00	1.29	1.46	1.91	2.55	3.28	25.62
10000	0.0	0.0	0.65	0.92	1.20	1.55	1.75	2.30	3.06	3.94	28.85
PMP	0.0	0.0	1.28	1.82	2.37	3.06	3.46	4.54	6.05	7.78	64.88
MEAN	0.0	0.0	0.204	0.291	0.378	0.488	0.552	0.725	0.965	1.242	12.924
CLOCK HR. CPR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.454	1.288	1.409	1.533	1.534	1.234	0.194	1.209	-0.492
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.603 ; INTERCEPT (TIME=1 HOUR) =0.368 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.02848 ; AVERAGE CALC CV / USED CV = 1.65

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	5.007	3.573	4.194	5.394	6.017	6.038	2.626	6.176	3.118
N	0	0	33	33	33	33	33	33	33	33	32
RECORD YEAR	0	0	1967	1967	1967	1967	1967	1967	1964	1964	1941
RECORD MAXIMUM	0.0	0.0	0.600	0.740	0.970	1.300	1.350	1.550	1.590	2.840	18.470
NORMILIZED MAX	0.0	0.0	3.028	2.310	2.510	3.183	3.343	3.411	1.989	3.396	1.763
CALC. COEF. VAR	0.0	0.0	0.643	0.668	0.624	0.523	0.433	0.333	0.325	0.379	0.243
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0	0.0	0.0158	0.0225	0.0292	0.0377	0.0427	0.0561	0.0747	0.0961	1.0000
RP10/A	0.0	0.0	0.0232	0.0331	0.0430	0.0555	0.0628	0.0825	0.1098	0.1413	1.3529
RP25/A	0.0	0.0	0.0272	0.0388	0.0504	0.0651	0.0737	0.0968	0.1288	0.1657	1.5039
RP50/A	0.0	0.0	0.0301	0.0429	0.0558	0.0720	0.0814	0.1070	0.1424	0.1832	1.6060
RP100/A	0.0	0.0	0.0328	0.0469	0.0609	0.0786	0.0890	0.1169	0.1556	0.2001	1.7009
RP1000/A	0.0	0.0	0.0416	0.0594	0.0772	0.0997	0.1127	0.1481	0.1972	0.2536	1.9825
RP10000/A	0.0	0.0	0.0500	0.0714	0.0923	0.1197	0.1354	0.1779	0.2368	0.3046	2.2320
PMP/A	0.0	0.0	0.0987	0.1410	0.1832	0.2365	0.2675	0.3515	0.4679	0.6018	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F30 3761 0	HAPPY CAMP R S	1090	11	16N	07E	H	41.800	123.383	SISKIYOU

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	0.43	0.73	0.89	1.01	1.04	1.05	1.10	1.88	3.59	5.49	59.93
1942	0.15	0.20	0.22	0.24	0.35	0.52	0.77	1.30	2.18	3.26	63.87
1943	0.07	0.13	0.18	0.23	0.34	0.60	0.81	1.36	2.15	4.07	40.56
1944	0.27	0.50	0.60	0.87	1.03	1.12	1.14	1.16	1.55	3.00	44.08
1945	*****	*****	0.14	0.25	0.45	0.59	0.87	1.44	2.34	4.06	73.22
1946	*****	*****	0.14	0.26	0.32	0.60	0.85	1.56	2.31	3.60	41.67
1947	*****	*****	0.19	0.27	0.36	0.65	0.76	1.22	2.27	3.36	40.38
1948	*****	*****	0.40	0.72	0.87	0.92	0.97	1.48	2.50	3.91	59.60
1949	*****	*****	0.18	0.25	0.45	0.72	0.88	1.41	1.85	2.52	30.36
1950	*****	*****	0.16	0.30	0.60	0.90	1.25	1.99	3.03	5.04	81.48
1951	*****	*****	0.15	0.23	0.42	0.64	0.85	1.49	2.28	3.90	63.16
1952	*****	*****	0.24	0.27	0.29	0.52	0.59	1.02	1.86	2.84	61.36
1953	*****	*****	0.27	0.35	0.47	0.65	0.90	1.46	2.83	4.89	72.07
1954	*****	*****	0.15	0.28	0.40	0.66	0.90	1.50	2.90	3.94	61.12
1955	*****	*****	0.14	0.24	0.46	0.81	1.09	2.17	3.47	4.70	56.96
1956	*****	*****	0.13	0.21	0.41	0.67	0.82	1.56	2.47	5.81	57.05
1957	*****	*****	0.26	0.39	0.51	0.84	1.00	1.53	2.59	3.63	69.42
1958	*****	*****	0.20	0.31	0.40	0.57	0.78	1.36	2.38	3.53	70.18
1959	*****	*****	0.12	0.20	0.38	0.66	0.79	1.21	1.86	2.90	40.67
1960	*****	*****	0.25	0.41	0.47	0.59	0.70	1.10	1.96	3.49	56.97
1961	*****	*****	0.18	0.25	0.33	0.56	0.78	1.22	2.01	2.72	53.81
1962	*****	*****	0.11	0.20	0.38	0.59	0.82	1.45	2.55	4.03	50.04
1963	*****	*****	0.16	0.24	0.39	0.60	0.82	1.23	2.04	3.13	53.67
1964	*****	*****	0.14	0.25	0.42	0.77	0.98	1.84	3.05	4.09	62.04
1965	*****	*****	0.15	0.25	0.39	0.62	0.87	1.33	1.67	2.78	44.88
1966	*****	*****	0.16	0.31	0.49	0.89	1.09	1.64	2.51	3.72	57.23
1967	*****	*****	0.25	0.35	0.44	0.68	0.87	1.33	1.75	2.94	44.31
1968	*****	*****	0.09	0.18	0.36	0.62	0.72	1.20	1.70	2.65	56.49
1969	*****	*****	0.26	0.40	0.51	0.65	0.89	1.50	2.49	3.88	50.66
1970	*****	*****	*****	*****	0.60	0.80	1.00	1.60	2.50	3.27	69.61
1971	*****	*****	*****	*****	0.30	0.50	0.80	1.40	2.40	3.40	55.50
1972	*****	*****	*****	*****	0.40	0.70	0.90	1.40	2.20	2.90	******
1973	*****	*****	*****	*****	0.40	0.60	0.90	1.60	3.10	4.50	65.00
1974	*****	*****	0.10	0.20	0.40	0.70	1.00	1.60	2.70	4.80	54.60

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F30 3761 0	HAPPY CAMP R S	1090	11	16N	07E	H	41.800	123.383	SISKIYOU

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.22	0.37	0.21	0.31	0.50	0.69	0.87	1.39	2.26	3.49	55.42
5	0.29	0.49	0.28	0.42	0.67	0.94	1.17	1.88	3.04	4.70	68.77
10	0.34	0.57	0.32	0.49	0.78	1.09	1.36	2.19	3.54	5.48	76.33
20	0.38	0.65	0.37	0.55	0.88	1.23	1.54	2.47	4.01	6.21	82.89
25	0.40	0.67	0.38	0.57	0.92	1.28	1.60	2.56	4.15	6.43	84.86
40	0.40	0.68	0.39	0.58	0.93	1.30	1.62	2.61	4.22	6.54	88.81
50	0.44	0.74	0.42	0.63	1.01	1.41	1.77	2.83	4.59	7.11	90.62
100	0.48	0.81	0.46	0.69	1.11	1.54	1.93	3.10	5.02	7.77	95.97
200	0.52	0.88	0.50	0.75	1.20	1.67	2.09	3.35	5.43	8.41	101.02
1000	0.61	1.03	0.58	0.87	1.40	1.96	2.44	3.92	6.36	9.84	111.86
10000	0.73	1.24	0.70	1.05	1.68	2.35	2.93	4.71	7.63	11.82	125.93
PMP	1.44	2.44	1.38	2.07	3.33	4.65	5.80	9.31	15.08	23.36	283.24
MEAN	0.230	0.390	0.220	0.331	0.531	0.741	0.926	1.486	2.407	3.728	56.423
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.600	0.504	3.096	2.547	2.328	1.300	0.548	0.904	0.544	0.729	-0.122
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.622 ; INTERCEPT (TIME=1 HOUR) =0.540 ; COEFFICIENT OF DETERMINATION = 0.923
1HR INTERCEPT / MEAN YR =0.00957 ; AVERAGE CALC CV / USED CV = 1.41

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	10.185	8.688	13.667	9.180	8.286	4.574	3.751	4.436	3.247	3.235	3.072
N	4	4	30	30	34	34	34	34	34	34	33
RECORD YEAR	1941	1941	1941	1941	1941	1944	1950	1955	1941	1956	1950
RECORD MAXIMUM	0.430	0.730	0.890	1.010	1.040	1.120	1.250	2.170	3.590	5.810	81.480
NORMALIZED MAX	1.277	1.224	4.158	3.485	2.495	2.404	2.273	2.705	2.347	2.506	2.202
CALC. COEF. VAR	0.681	0.712	0.731	0.590	0.385	0.212	0.154	0.170	0.209	0.223	0.202
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0041	0.0069	0.0039	0.0059	0.0094	0.0131	0.0164	0.0263	0.0427	0.0661	1.0000
RP10/A	0.0060	0.0102	0.0057	0.0086	0.0138	0.0193	0.0241	0.0387	0.0627	0.0972	1.3529
RP25/A	0.0070	0.0119	0.0067	0.0101	0.0162	0.0227	0.0283	0.0454	0.0736	0.1140	1.5039
RP50/A	0.0078	0.0132	0.0074	0.0112	0.0179	0.0251	0.0313	0.0502	0.0814	0.1260	1.6060
RP100/A	0.0085	0.0144	0.0081	0.0122	0.0196	0.0274	0.0342	0.0549	0.0889	0.1377	1.7009
RP1000/A	0.0108	0.0183	0.0103	0.0155	0.0248	0.0347	0.0433	0.0695	0.1127	0.1745	1.9825
RP10000/A	0.0129	0.0219	0.0124	0.0186	0.0298	0.0417	0.0520	0.0835	0.1353	0.2095	2.2320
PMP/A	0.0255	0.0433	0.0245	0.0367	0.0589	0.0823	0.1028	0.1650	0.2673	0.4139	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E30 2933 0	FAIRFIELD	13	25	05N	02W	M	M	38.250	122.040	SOLANO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.11	0.20	0.27	0.48	0.63	0.93	1.01	1.56	2.35	3.39	******
1941	0.20	0.30	0.42	0.45	0.68	1.05	1.31	1.55	1.66	2.15	41.95
1942	0.12	0.14	0.16	0.28	0.39	0.64	0.87	1.44	2.58	3.08	30.31
1943	0.22	0.32	0.35	0.38	0.47	0.81	0.98	1.32	2.07	3.73	19.66
1944	0.22	0.31	0.35	0.41	0.43	0.63	0.77	1.04	1.62	2.68	29.82
1945	0.25	0.33	0.40	0.50	0.60	0.78	0.97	1.24	1.72	2.54	24.12
1946	0.06	0.10	0.13	0.16	0.23	0.45	0.49	0.70	0.98	1.24	9.46
1947	0.16	0.20	0.25	0.37	0.50	0.90	1.12	1.27	1.55	1.99	11.24
1948	0.16	0.19	0.23	0.36	0.44	0.65	0.70	0.77	0.78	0.97	14.40
1949	0.14	0.22	0.24	0.39	0.50	0.69	0.76	0.86	0.87	0.94	11.03
1950	0.37	0.46	0.50	0.59	0.67	0.70	0.89	1.11	1.84	2.88	27.50
1951	0.20	0.24	0.31	0.42	0.69	1.01	1.29	1.78	2.16	2.20	22.81
1952	0.30	0.34	0.39	0.48	0.68	1.22	1.61	2.20	2.30	2.31	26.16
1953	0.21	0.27	0.29	0.32	0.42	0.50	0.73	1.18	1.51	1.86	11.88
1954	0.42	0.54	0.68	0.81	0.82	0.84	0.85	0.99	1.26	1.79	19.47
1955	0.12	0.19	0.20	0.24	0.48	0.80	0.90	1.26	2.00	2.76	22.02
1956	0.10	0.16	0.18	0.24	0.35	0.44	0.60	0.97	1.32	1.34	13.09
1957	0.14	0.24	0.34	0.48	0.59	0.59	0.72	1.07	1.14	1.31	18.81
1958	0.20	0.24	0.30	0.36	0.46	0.59	0.72	1.12	1.47	1.98	24.81
1959	0.07	0.11	0.14	0.24	0.47	0.77	1.06	1.73	2.10	2.18	14.55
1960	0.10	0.18	0.26	0.50	0.67	0.82	0.83	0.92	1.06	1.53	15.60
1961	0.09	0.17	0.20	0.35	0.48	0.61	0.81	1.09	1.23	1.53	14.60
1962	0.20	0.31	0.32	0.43	0.51	0.72	0.94	1.81	2.49	4.03	21.21
1963	0.20	0.23	0.26	0.31	0.42	0.47	0.63	0.90	1.68	2.65	22.10
1964	0.24	0.30	0.32	0.39	0.52	0.80	1.05	1.88	2.06	2.33	17.65
1965	0.22	0.29	0.33	0.40	0.44	0.57	0.59	0.77	1.08	1.57	16.78
1966	0.07	0.12	0.17	0.31	0.61	0.95	1.09	1.39	1.73	2.35	17.98
1967	0.22	0.28	0.30	0.40	0.50	0.90	1.01	1.47	2.50	4.35	24.72
1968	0.38	0.74	0.76	0.76	0.77	0.88	1.00	1.29	1.51	2.11	20.04
1969	0.10	0.17	0.20	0.31	0.42	0.72	1.00	1.50	1.85	2.97	27.49
1970	0.14	0.19	0.24	0.35	0.60	0.79	0.95	1.23	2.11	2.39	26.81
1971	0.08	0.12	0.14	0.20	0.22	0.22	0.31	0.49	0.58	0.90	9.26
1972	*****	*****	*****	*****	0.40	0.70	1.00	1.40	1.50	2.40	36.10
1973	*****	*****	*****	*****	1.00	1.20	1.50	2.10	2.80	3.50	35.00
1974	*****	*****	0.10	0.20	0.30	0.50	0.80	1.00	1.30	1.30	17.20

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E30 2933 0	FAIRFIELD	13	25	05N	02W	M	M	38.250	122.040	SOLANO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.17	0.23	0.27	0.36	0.48	0.68	0.83	1.16	1.54	2.07	20.47
5	0.23	0.33	0.38	0.50	0.67	0.95	1.17	1.64	2.17	2.92	26.70
10	0.28	0.39	0.45	0.60	0.80	1.14	1.40	1.95	2.59	3.49	30.29
20	0.32	0.46	0.52	0.69	0.93	1.31	1.62	2.25	2.98	4.02	33.45
25	0.34	0.47	0.55	0.72	0.97	1.37	1.68	2.35	3.11	4.19	34.40
40	0.36	0.51	0.59	0.78	1.05	1.48	1.82	2.54	3.36	4.53	36.32
50	0.38	0.53	0.61	0.81	1.08	1.53	1.89	2.63	3.48	4.70	37.20
100	0.42	0.59	0.68	0.90	1.20	1.69	2.09	2.91	3.85	5.19	39.82
200	0.46	0.64	0.74	0.98	1.31	1.85	2.28	3.18	4.21	5.68	42.30
1000	0.54	0.77	0.88	1.17	1.57	2.21	2.73	3.80	5.03	6.78	47.68
10000	0.67	0.94	1.08	1.44	1.92	2.71	3.35	4.66	6.17	8.32	54.74
PMP	1.28	1.81	2.08	2.75	3.68	5.20	6.41	8.93	11.83	15.95	125.87
MEAN	0.182	0.256	0.295	0.391	0.523	0.738	0.910	1.268	1.679	2.264	21.048
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.964	1.967	1.614	1.166	0.688	0.123	0.477	0.461	0.069	0.494	0.666
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.560 ; INTERCEPT (TIME=1 HOUR) =0.544 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.02592 ; AVERAGE CALC CV / USED CV = 0.97

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.896	8.398	6.571	5.420	4.350	3.594	4.304	3.188	2.568	3.070	3.439
N	32	32	33	33	35	35	35	35	35	35	34
RECORD YEAR	1954	1968	1968	1954	1973	1952	1952	1952	1973	1967	1941
RECORD MAXIMUM	0.420	0.740	0.760	0.810	1.000	1.220	1.610	2.200	2.800	4.350	41.950
NORMALIZED MAX	2.608	3.690	3.249	2.972	2.955	2.252	2.659	2.358	2.035	2.393	2.655
CALC. COEF. VAR	0.504	0.512	0.486	0.361	0.309	0.290	0.289	0.312	0.328	0.385	0.374
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0086	0.0122	0.0140	0.0186	0.0248	0.0351	0.0432	0.0602	0.0798	0.1076	1.0000
RP10/A	0.0133	0.0187	0.0216	0.0286	0.0382	0.0540	0.0666	0.0928	0.1228	0.1656	1.4393
RP25/A	0.0160	0.0225	0.0259	0.0343	0.0459	0.0649	0.0800	0.1114	0.1476	0.1989	1.6342
RP50/A	0.0179	0.0253	0.0291	0.0385	0.0515	0.0728	0.0897	0.1250	0.1655	0.2231	1.7672
RP100/A	0.0198	0.0279	0.0321	0.0426	0.0570	0.0805	0.0992	0.1382	0.1830	0.2467	1.8917
RP1000/A	0.0259	0.0365	0.0420	0.0556	0.0744	0.1051	0.1296	0.1806	0.2391	0.3223	2.2652
RP10000/A	0.0317	0.0448	0.0515	0.0682	0.0913	0.1289	0.1590	0.2214	0.2933	0.3953	2.6007
PMP/A	0.0608	0.0858	0.0987	0.1307	0.1749	0.2471	0.3047	0.4244	0.5621	0.7577	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F20 6826 0	PETALUMA FS2	16	33	05N	07W	A	M	38.241	122.629	SONOMA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1944	*****	*****	0.26	0.30	0.42	0.64	0.81	1.10	1.73	2.97	28.44
1945	*****	*****	0.60	0.66	0.42	1.02	1.10	1.98	2.50	3.14	29.56
1946	*****	*****	0.18	0.22	0.30	0.53	0.66	1.07	1.22	1.62	14.00
1947	*****	*****	0.17	0.23	0.33	0.39	0.56	1.02	1.08	1.08	15.61
1948	*****	*****	0.20	0.20	0.31	0.45	0.55	0.79	0.81	1.05	19.36
1949	*****	*****	0.19	0.26	0.34	0.54	0.58	0.94	1.07	1.44	15.64
1950	*****	*****	0.36	0.38	0.53	0.71	0.85	1.55	1.95	2.88	32.65
1951	*****	*****	0.16	0.31	0.50	0.84	1.07	1.48	2.05	2.06	21.83
1952	*****	*****	0.21	0.42	0.45	0.58	0.95	1.51	2.16	2.55	33.08
1953	*****	*****	0.30	0.33	0.34	0.53	0.74	1.20	1.66	1.97	15.34
1954	*****	*****	0.24	0.28	0.31	0.60	0.70	1.05	1.78	3.10	24.91
1955	*****	*****	0.41	0.44	0.52	0.80	1.04	1.99	2.14	2.34	27.15
1956	*****	*****	0.29	0.31	0.44	0.61	0.76	1.16	1.71	2.75	19.60
1957	*****	*****	0.18	0.25	0.41	0.70	0.94	1.28	1.65	1.77	24.80
1958	*****	*****	0.26	0.32	0.45	0.67	0.75	1.19	1.75	2.28	29.95
1959	*****	*****	0.34	0.37	0.50	0.80	1.19	1.50	1.90	2.79	16.89
1960	*****	*****	0.33	0.44	0.50	0.69	0.88	1.26	1.59	1.74	21.63
1961	*****	*****	0.29	0.34	0.57	0.87	1.05	1.30	1.47	2.10	18.25
1962	*****	*****	0.40	0.44	0.57	0.78	0.90	1.28	1.92	3.48	23.72
1963	*****	*****	0.22	0.39	0.58	0.66	0.88	1.12	1.62	2.58	23.88
1964	*****	*****	0.17	0.25	0.38	0.71	1.02	1.37	1.77	1.98	19.33
1965	*****	*****	0.08	0.15	0.25	0.43	0.53	0.75	1.28	1.62	20.31
1966	*****	*****	0.19	0.34	0.50	0.80	1.10	1.60	1.97	2.03	20.22
1967	*****	*****	0.32	0.34	0.49	0.78	1.02	1.49	2.08	3.87	29.07
1968	*****	*****	0.21	0.34	0.62	1.01	1.16	1.50	1.93	2.53	24.61
1969	*****	*****	0.24	0.25	0.27	0.46	0.58	0.93	1.16	1.85	30.00
1970	*****	*****	0.34	0.48	0.75	1.15	1.80	2.63	3.11	3.88	33.54
1971	*****	*****	0.08	0.11	0.20	0.37	0.56	0.84	1.00	1.11	14.13
1972	*****	*****	0.21	0.28	0.47	0.55	0.57	0.65	1.03	1.88	19.14
1973	*****	*****	*****	*****	0.44	0.80	1.00	1.45	2.30	2.75	39.16
1974	*****	*****	0.20	0.30	0.50	0.70	0.90	1.00	1.40	2.00	21.60

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F20 6826 0	PETALUMA FS2	16	33	05N	07W	A	M	38.241	122.629	SONOMA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.23	0.30	0.40	0.62	0.80	1.18	1.56	2.10	22.82
5	0.0	0.0	0.33	0.42	0.57	0.88	1.13	1.66	2.20	2.96	29.76
10	0.0	0.0	0.39	0.50	0.68	1.05	1.35	1.99	2.62	3.54	33.77
20	0.0	0.0	0.45	0.58	0.78	1.21	1.56	2.29	3.02	4.08	37.29
25	0.0	0.0	0.47	0.60	0.82	1.26	1.62	2.39	3.15	4.25	38.34
40	0.0	0.0	0.51	0.65	0.88	1.36	1.76	2.58	3.41	4.60	40.69
50	0.0	0.0	0.53	0.67	0.91	1.41	1.82	2.68	3.53	4.76	41.47
100	0.0	0.0	0.58	0.74	1.01	1.56	2.01	2.96	3.91	5.27	44.39
200	0.0	0.0	0.64	0.81	1.11	1.71	2.20	3.24	4.27	5.76	47.15
1000	0.0	0.0	0.76	0.97	1.32	2.04	2.63	3.87	5.10	6.88	53.15
10000	0.0	0.0	0.93	1.19	1.62	2.50	3.23	4.74	6.26	8.44	61.02
PMP	0.0	0.0	1.79	2.29	3.10	4.80	6.18	9.09	12.00	16.18	140.31
MEAN	0.0	0.0	0.254	0.325	0.441	0.681	0.877	1.290	1.703	2.296	23.464
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.164	0.793	0.167	0.492	1.213	1.263	0.471	0.357	0.492
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.497 ; INTERCEPT (TIME=1 HOUR) =0.479 ; COEFFICIENT OF DETERMINATION = 0.985
1HR INTERCEPT / MEAN YR =0.02040 ; AVERAGE CALC CV / USED CV = 0.79

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	5.908	5.394	3.466	3.510	6.507	6.003	4.074	2.934	2.815
N	0	0	30	30	31	31	31	31	31	31	31
RECORD YEAR	0	0	1945	1945	1970	1970	1970	1970	1970	1970	1973
RECORD MAXIMUM	0.0	0.0	0.600	0.660	0.750	1.150	1.800	2.630	3.110	3.880	39.160
NORMILIZED MAX	0.0	0.0	3.280	3.122	2.580	2.544	3.470	3.303	2.847	2.110	2.427
CALC. COEF. VAR	0.0	0.0	0.414	0.331	0.272	0.271	0.303	0.315	0.290	0.327	0.276
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0108	0.0138	0.0188	0.0290	0.0374	0.0550	0.0726	0.0979	1.0000
RP10/A	0.0	0.0	0.0167	0.0213	0.0289	0.0447	0.0576	0.0846	0.1117	0.1507	1.4393
RP25/A	0.0	0.0	0.0200	0.0256	0.0347	0.0537	0.0692	0.1017	0.1342	0.1810	1.6342
RP50/A	0.0	0.0	0.0225	0.0287	0.0390	0.0602	0.0776	0.1140	0.1506	0.2030	1.7672
RP100/A	0.0	0.0	0.0249	0.0317	0.0431	0.0665	0.0858	0.1261	0.1665	0.2245	1.8917
RP1000/A	0.0	0.0	0.0325	0.0415	0.0563	0.0869	0.1121	0.1647	0.2175	0.2933	2.2652
RP10000/A	0.0	0.0	0.0398	0.0509	0.0690	0.1066	0.1375	0.2020	0.2668	0.3598	2.6007
PMP/A	0.0	0.0	0.0764	0.0975	0.1323	0.2044	0.2634	0.3872	0.5113	0.6895	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F00 1840 0	CLOVERDALE 11W	122	12	12N	17W		M	38.767	123.217	SONOMA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1944	*****	*****	0.23	0.41	0.56	0.85	1.25	2.20	3.70	5.22	60.98
1945	*****	*****	0.38	0.50	0.77	1.14	1.40	2.22	3.72	5.92	73.50
1946	*****	*****	0.25	0.37	0.66	1.14	1.60	2.96	4.22	5.75	32.75
1947	*****	*****	0.38	0.56	0.87	1.23	1.62	2.69	3.78	5.09	42.47
1948	*****	*****	0.22	0.37	0.51	0.77	1.10	1.91	2.23	3.34	57.80
1949	*****	*****	0.41	0.50	0.60	0.94	1.44	2.04	2.33	2.85	39.95
1950	*****	*****	0.32	0.49	0.75	1.45	1.87	2.03	5.01	6.92	74.33
1951	*****	*****	0.38	0.59	1.05	1.88	2.40	3.19	3.93	5.17	69.30
1952	*****	*****	0.22	0.40	0.80	1.50	2.25	4.15	5.85	8.23	64.55
1953	*****	*****	0.21	0.34	0.53	0.83	1.19	2.17	3.07	4.90	56.17
1954	*****	*****	0.15	0.28	0.55	0.98	1.55	3.00	5.25	10.17	77.07
1955	*****	*****	0.20	0.37	0.70	1.10	1.65	3.25	4.80	6.53	54.10
1956	*****	*****	0.25	0.44	0.63	1.13	1.65	2.71	3.75	5.37	52.16
1957	*****	*****	0.30	0.50	0.75	1.20	1.65	2.47	3.89	5.20	76.01
1958	*****	*****	0.25	0.45	0.79	1.27	1.71	3.17	5.71	7.08	78.01
1959	*****	*****	0.35	0.47	0.75	1.30	1.95	3.33	4.86	5.15	48.15
1960	*****	*****	0.22	0.40	0.70	1.30	1.87	3.43	5.86	9.24	77.35
1961	*****	*****	0.31	0.50	0.74	0.98	1.10	1.64	2.69	4.08	50.93
1962	*****	*****	0.30	0.48	0.85	1.55	2.12	3.60	4.65	7.96	65.54
1963	*****	*****	0.17	0.29	0.50	0.98	1.26	1.89	2.87	4.09	68.83
1964	*****	*****	0.33	0.48	0.74	1.45	2.00	3.55	5.59	7.41	61.67
1965	*****	*****	0.35	0.60	0.64	1.20	1.49	2.60	4.15	4.99	56.61
1966	*****	*****	0.20	0.30	0.59	1.05	1.50	2.79	5.31	6.85	56.94
1969	*****	*****	0.21	0.35	0.58	0.97	1.11	1.91	2.50	2.77	******
1969	*****	*****	0.17	0.22	0.39	0.82	1.07	1.61	2.16	2.25	******
1970	*****	*****	0.30	0.46	0.60	1.20	1.55	2.90	5.20	8.12	77.11
1971	*****	*****	0.17	0.34	0.61	1.16	1.59	2.34	3.55	4.85	41.47

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F00 1840 0	CLOVERDALE 11W	122	12	12N	17W		M	38.767	123.217	SONOMA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.25	0.40	0.63	1.09	1.49	2.49	3.84	5.40	59.47
5	0.0	0.0	0.34	0.54	0.85	1.46	2.01	3.35	5.17	7.27	73.80
10	0.0	0.0	0.39	0.62	0.99	1.71	2.34	3.91	6.03	8.47	81.92
20	0.0	0.0	0.45	0.71	1.12	1.93	2.65	4.42	6.83	9.59	88.96
25	0.0	0.0	0.46	0.73	1.16	2.00	2.74	4.58	7.07	9.94	91.06
40	0.0	0.0	0.47	0.75	1.18	2.04	2.79	4.66	7.20	10.11	95.31
50	0.0	0.0	0.51	0.81	1.28	2.21	3.03	5.07	7.82	10.98	97.25
100	0.0	0.0	0.56	0.89	1.40	2.42	3.31	5.54	8.56	12.00	102.99
200	0.0	0.0	0.60	0.96	1.52	2.62	3.59	5.99	9.25	12.99	108.40
1000	0.0	0.0	0.71	1.12	1.78	3.06	4.20	7.02	10.83	15.21	120.04
10000	0.0	0.0	0.85	1.35	2.14	3.68	5.04	8.43	13.00	18.26	135.14
PMP	0.0	0.0	1.68	2.66	4.22	7.27	9.96	16.65	25.69	36.08	303.96
MEAN	0.0	0.0	0.268	0.425	0.674	1.160	1.590	2.657	4.101	5.759	60.550
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.277	-0.104	0.470	0.825	0.449	0.269	-0.116	0.304	-0.348
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.283 ; INTERCEPT (TIME=1 HOUR) =0.705 ; COEFFICIENT OF DETERMINATION = 0.989
1HR INTERCEPT / MEAN YR =0.01164 ; AVERAGE CALC CV / USED CV = 0.66

KURTOSIS	0.0	0.0	2.163	2.715	4.054	4.313	3.049	2.595	2.184	3.057	2.516
N	0	0	27	27	27	27	27	27	27	27	25
RECORD YEAR	0	0	1949	1965	1951	1951	1951	1952	1960	1954	1958
RECORD MAXIMUM	0.0	0.0	0.410	0.600	1.050	1.880	2.400	4.150	5.860	10.170	78.010
NORMALIZED MAX	0.0	0.0	1.868	1.837	2.706	2.834	2.273	2.240	1.509	2.238	1.317
CALC. CDEF. VAR	0.0	0.0	0.284	0.224	0.206	0.219	0.224	0.251	0.284	0.342	0.219
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0	0.0	0.0044	0.0070	0.0111	0.0192	0.0263	0.0439	0.0677	0.0951	1.0000
RP10/A	0.0	0.0	0.0065	0.0103	0.0164	0.0282	0.0386	0.0645	0.0996	0.1399	1.3529
RP25/A	0.0	0.0	0.0076	0.0121	0.0192	0.0330	0.0453	0.0757	0.1168	0.1641	1.5039
RP50/A	0.0	0.0	0.0084	0.0134	0.0212	0.0365	0.0501	0.0837	0.1292	0.1814	1.6060
RP100/A	0.0	0.0	0.0092	0.0146	0.0232	0.0399	0.0547	0.0914	0.1411	0.1982	1.7009
RP1000/A	0.0	0.0	0.0117	0.0186	0.0294	0.0506	0.0694	0.1159	0.1788	0.2511	1.9825
RP10000/A	0.0	0.0	0.0140	0.0222	0.0353	0.0607	0.0833	0.1392	0.2147	0.3016	2.2320
PMP/A	0.0	0.0	0.0277	0.0440	0.0697	0.1200	0.1646	0.2750	0.4243	0.5959	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUR										
F90 8072 0	SEBASTOPOL	145	24	06N	09W	E	M	38.352	122.812	SONOMA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.64	0.97	1.42	1.97	2.82	4.03	******
1941	*****	*****	*****	*****	0.75	1.02	1.38	1.84	2.32	2.77	******
1942	*****	*****	*****	*****	0.53	0.73	0.97	1.93	2.44	3.89	******
1943	0.20	0.31	0.35	0.41	0.54	0.94	1.21	1.99	2.46	4.00	22.95
1944	0.15	0.22	0.25	0.37	0.51	0.82	1.07	1.65	2.81	3.47	32.95
1945	0.15	0.22	0.29	0.40	0.74	1.00	1.35	2.25	3.46	4.21	37.56
1946	0.15	0.21	0.27	0.40	0.44	0.63	0.71	1.20	1.51	2.23	17.74
1947	0.14	0.20	0.26	0.51	0.85	0.86	1.05	1.39	1.78	2.09	21.70
1948	0.12	0.15	0.20	0.37	0.54	0.80	1.03	1.37	1.50	2.31	25.31
1949	0.20	0.28	0.35	0.53	0.66	0.93	1.12	1.41	1.41	1.87	20.06
1950	0.28	0.39	0.42	0.52	0.57	0.81	1.12	1.77	3.15	4.38	43.22
1951	0.12	0.23	0.40	0.49	0.62	1.05	1.20	2.15	2.55	2.71	35.47
1952	0.25	0.45	0.59	0.74	0.80	1.20	1.53	2.25	3.11	3.47	39.16
1953	0.14	0.15	0.16	0.22	0.34	0.63	0.95	1.66	2.78	3.69	25.33
1954	0.17	0.23	0.27	0.50	0.66	0.92	1.12	1.58	2.30	4.01	36.50
1955	0.10	0.15	0.20	0.36	0.66	0.97	1.25	2.06	2.67	3.76	35.94
1956	0.17	0.26	0.34	0.41	0.50	0.68	0.82	1.09	1.82	3.15	26.21
1957	0.12	0.16	0.22	0.33	0.49	0.80	1.17	1.87	2.60	2.72	32.24
1958	0.20	0.30	0.43	0.74	0.91	1.03	1.22	1.64	1.73	2.17	33.82
1959	0.15	0.20	0.25	0.48	0.75	1.35	1.79	2.62	2.26	2.69	17.77
1960	0.16	0.21	0.24	0.31	0.52	0.94	1.21	1.58	2.16	3.80	31.43
1961	0.12	0.24	0.30	0.42	0.58	0.73	0.79	1.15	1.47	1.87	23.85
1962	0.35	0.45	0.57	0.72	0.78	1.07	1.26	2.16	3.15	4.45	32.08
1963	0.16	0.19	0.23	0.39	0.55	1.00	1.15	1.35	1.79	2.82	29.58
1964	0.09	0.16	0.24	0.37	0.56	0.92	1.20	1.65	1.85	2.13	28.47
1968	*****	*****	*****	*****	0.50	0.80	1.10	1.70	2.10	2.80	37.40
1969	*****	*****	*****	*****	0.70	1.20	1.60	2.50	3.70	3.60	******
1970	*****	*****	*****	*****	0.60	1.00	1.50	2.30	3.00	4.50	49.20
1971	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	20.10
1972	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUR										
F90 8072 0	SEBASTOPOL	145	24	06N	09W	E	M	38.352	122.812	SONOMA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.16	0.23	0.29	0.43	0.66	0.92	1.16	1.71	2.25	3.00	29.70
5	0.21	0.31	0.39	0.57	0.89	1.24	1.56	2.30	3.04	4.04	36.86
10	0.25	0.36	0.46	0.67	1.04	1.45	1.82	2.68	3.54	4.71	40.91
20	0.28	0.41	0.52	0.76	1.17	1.64	2.06	3.04	4.01	5.33	44.43
25	0.29	0.42	0.54	0.78	1.21	1.70	2.13	3.15	4.15	5.52	45.48
40	0.29	0.43	0.55	0.80	1.24	1.73	2.17	3.20	4.22	5.61	47.60
50	0.32	0.46	0.60	0.87	1.34	1.88	2.36	3.48	4.59	6.10	48.57
100	0.35	0.51	0.65	0.95	1.47	2.05	2.58	3.80	5.01	6.67	51.44
200	0.38	0.55	0.70	1.02	1.59	2.22	2.79	4.11	5.43	7.21	54.14
1000	0.44	0.64	0.82	1.20	1.86	2.60	3.26	4.82	6.35	8.45	59.95
10000	0.53	0.77	0.99	1.44	2.23	3.13	3.92	5.78	7.63	10.15	67.50
PMP	1.05	1.53	1.96	2.84	4.41	6.18	7.75	11.43	15.07	20.05	151.81
MEAN	0.168	0.244	0.312	0.454	0.704	0.986	1.236	1.824	2.406	3.200	30.242
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	1.573	1.274	1.192	0.950	0.325	0.360	0.345	0.176	0.193	-0.077	0.297
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.439 ; INTERCEPT (TIME=1 HOUR) =0.676 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.02235 ; AVERAGE CALC CV / USED CV = 0.81

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	6.058	4.307	4.371	3.985	3.120	3.519	3.774	2.642	2.464	1.939	2.966
N	22	22	22	22	28	28	28	28	28	28	25
RECORD YEAR	1962	1952	1952	1952	1958	1959	1959	1959	1969	1970	1970
RECORD MAXIMUM	0.350	0.450	0.590	0.740	0.910	1.350	1.790	2.620	3.700	4.500	49.200
NORMALIZED MAX	2.983	2.318	2.454	2.105	1.374	1.983	2.198	1.929	2.017	1.539	2.326
CALC. COEF. VAR	0.364	0.365	0.362	0.299	0.213	0.186	0.204	0.226	0.267	0.264	0.269
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0055	0.0081	0.0103	0.0150	0.0233	0.0326	0.0409	0.0603	0.0796	0.1058	1.0000
RP10/A	0.0082	0.0118	0.0152	0.0221	0.0342	0.0479	0.0601	0.0887	0.1170	0.1556	1.3529
RP25/A	0.0096	0.0139	0.0178	0.0259	0.0402	0.0562	0.0705	0.1041	0.1372	0.1825	1.5039
RP50/A	0.0106	0.0154	0.0197	0.0286	0.0444	0.0622	0.0780	0.1151	0.1517	0.2018	1.6060
RP100/A	0.0116	0.0168	0.0215	0.0313	0.0485	0.0679	0.0852	0.1257	0.1658	0.2204	1.7009
RP1000/A	0.0146	0.0213	0.0273	0.0396	0.0615	0.0861	0.1080	0.1593	0.2101	0.2794	1.9825
RP10000/A	0.0176	0.0255	0.0327	0.0476	0.0738	0.1034	0.1296	0.1913	0.2523	0.3355	2.2320
PMP/A	0.0347	0.0505	0.0647	0.0941	0.1458	0.2042	0.2562	0.3779	0.4984	0.6629	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F00 PR85 0	THE GEYSERS	1668	14	11N	09W	G	M	38.801	122.826	SONOMA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	0.40	0.56	0.86	1.36	1.85	3.16	5.91	9.36	96.52
1941	*****	*****	0.52	0.68	0.90	1.36	1.43	2.35	3.25	4.83	89.40
1942	*****	*****	0.40	0.56	0.73	1.12	1.45	2.35	3.09	4.49	57.56
1943	*****	*****	0.78	0.46	0.73	1.13	1.61	2.79	5.79	7.57	39.04
1944	*****	*****	0.32	0.44	0.60	1.05	1.34	1.92	2.98	4.28	52.93
1945	*****	*****	0.37	0.45	0.50	0.93	1.35	2.49	4.15	6.83	58.15
1946	*****	*****	0.28	0.42	0.70	1.20	1.56	2.75	4.37	6.12	26.66
1947	*****	*****	0.24	0.32	0.55	1.02	1.19	2.06	3.27	5.09	38.31
1948	*****	*****	0.18	0.26	0.51	0.89	1.08	1.62	2.25	4.16	46.91
1949	*****	*****	0.35	0.43	0.56	0.81	1.25	1.90	2.43	4.22	39.22
1950	*****	*****	0.15	0.28	0.55	1.00	1.40	2.21	2.89	3.44	34.52
1951	*****	*****	0.35	0.43	0.53	0.90	1.33	2.40	4.50	6.05	57.54
1952	*****	*****	0.75	0.47	0.78	1.32	1.77	3.40	5.60	6.26	68.21
1953	*****	*****	0.26	0.43	0.58	0.99	1.40	2.47	3.98	5.77	44.94
1954	*****	*****	0.15	0.25	0.42	0.82	1.23	2.35	4.25	8.40	65.56
1955	*****	*****	0.25	0.48	0.95	1.44	1.86	3.03	5.88	9.58	58.80
1956	*****	*****	0.25	0.32	0.59	1.15	1.54	2.32	3.47	4.63	53.11
1957	*****	*****	0.23	0.41	0.73	1.40	1.91	2.74	4.86	7.21	68.14
1958	*****	*****	0.92	1.25	1.74	1.76	2.13	2.32	5.42	8.62	74.69
1959	*****	*****	0.25	0.68	0.66	1.12	1.55	2.79	5.10	6.74	44.56
1960	*****	*****	0.35	0.41	0.62	1.21	1.49	2.83	4.70	6.29	62.83
1961	*****	*****	0.21	0.36	0.59	0.87	1.10	1.95	3.58	5.92	45.38
1962	*****	*****	0.65	0.74	1.05	1.80	2.40	3.74	5.42	9.01	59.63
1963	*****	*****	0.23	0.45	0.69	1.13	1.55	2.80	4.59	6.49	60.49
1964	*****	*****	0.38	0.52	0.75	1.33	1.73	2.74	4.47	7.41	50.06
1965	*****	*****	0.32	0.36	0.79	1.29	1.55	2.49	4.53	6.29	56.45
1966	*****	*****	0.31	0.61	1.10	2.03	2.48	3.53	4.81	7.14	56.31
1967	*****	*****	0.23	0.40	0.64	1.01	1.37	2.15	3.51	4.58	53.26
1968	*****	*****	0.38	0.49	0.70	1.07	1.57	2.71	4.57	8.84	55.43
1969	*****	*****	0.33	0.48	0.75	1.12	1.57	2.48	3.76	5.24	75.25
1970	*****	*****	0.29	0.42	0.69	1.33	1.50	2.59	4.77	6.18	78.60
1971	*****	*****	0.15	0.30	0.55	0.99	1.29	1.90	3.10	4.00	35.48
1972	*****	*****	0.20	0.33	0.56	0.96	1.17	1.58	2.52	3.96	36.79
1973	*****	*****	*****	*****	0.65	1.10	1.65	2.86	4.08	5.52	75.82
1974	*****	*****	*****	*****	0.55	1.05	1.55	2.65	4.31	5.62	53.09

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F00 PR85 0	THE GEYSERS	1668	14	11N	09W	G	M	38.801	122.826	SONOMA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.29	0.43	0.67	1.10	1.45	2.37	3.91	5.73	55.22
5	0.0	0.0	0.39	0.58	0.90	1.48	1.95	3.19	5.27	7.72	68.52
10	0.0	0.0	0.46	0.68	1.04	1.73	2.28	3.72	6.14	9.00	76.06
20	0.0	0.0	0.52	0.77	1.18	1.95	2.58	4.21	6.95	10.19	82.59
25	0.0	0.0	0.54	0.80	1.22	2.02	2.67	4.36	7.20	10.55	84.55
40	0.0	0.0	0.55	0.81	1.25	2.06	2.72	4.43	7.33	10.74	88.49
50	0.0	0.0	0.60	0.88	1.35	2.24	2.95	4.82	7.96	11.67	90.29
100	0.0	0.0	0.65	0.96	1.48	2.44	3.23	5.26	8.70	12.75	95.62
200	0.0	0.0	0.71	1.04	1.60	2.65	3.49	5.70	9.42	13.80	100.65
1000	0.0	0.0	0.83	1.22	1.87	3.10	4.09	6.67	11.03	16.15	111.45
10000	0.0	0.0	0.99	1.47	2.25	3.72	4.91	8.01	13.24	19.40	125.48
PMP	0.0	0.0	1.96	2.90	4.45	7.35	9.70	15.83	26.16	38.33	282.22
MEAN	0.0	0.0	0.313	0.462	0.710	1.173	1.549	2.526	4.176	6.118	56.218
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	2.608	2.797	2.715	1.379	1.241	0.329	-0.084	0.477	0.524
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.352 ; INTERCEPT (TIME=1 HOUR) =0.742 ; COEFFICIENT OF DETERMINATION = 0.991
1HR INTERCEPT / MEAN YR =0.01320 ; AVERAGE CALC CV / USED CV = 0.92

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	13.336	14.102	13.116	5.325	5.015	3.459	2.430	2.812	3.511
N	0	0	33	33	35	35	35	35	35	35	35
RECORD YEAR	0	0	1958	1958	1958	1966	1966	1962	1940	1955	1940
RECORD MAXIMUM	0.0	0.0	0.920	1.250	1.740	2.030	2.480	3.740	5.910	9.580	96.520
NORMALIZED MAX	0.0	0.0	4.328	4.387	4.373	3.120	2.889	2.446	1.714	2.134	2.574
CALC. COEF. VAR	0.0	0.0	0.448	0.389	0.332	0.234	0.208	0.196	0.242	0.265	0.278
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0	0.0	0.0056	0.0082	0.0126	0.0209	0.0275	0.0449	0.0743	0.1088	1.0000
RP10/A	0.0	0.0	0.0082	0.0121	0.0186	0.0307	0.0405	0.0661	0.1092	0.1601	1.3529
RP25/A	0.0	0.0	0.0096	0.0142	0.0218	0.0360	0.0475	0.0775	0.1281	0.1877	1.5039
RP50/A	0.0	0.0	0.0108	0.0157	0.0241	0.0398	0.0525	0.0857	0.1417	0.2076	1.6060
RP100/A	0.0	0.0	0.0116	0.0171	0.0263	0.0435	0.0574	0.0936	0.1548	0.2267	1.7009
RP1000/A	0.0	0.0	0.0147	0.0217	0.0333	0.0551	0.0727	0.1187	0.1961	0.2874	1.9825
RP10000/A	0.0	0.0	0.0177	0.0261	0.0400	0.0662	0.0873	0.1425	0.2355	0.3451	2.2320
PMP/A	0.0	0.0	0.0349	0.0515	0.0791	0.1307	0.1726	0.2815	0.4654	0.6818	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F90 9273 0	VENADO	1260	19	09N	10W		M	38.616	123.017	SONOMA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.10	0.16	0.22	0.39	0.82	1.50	2.10	3.49	5.67	8.87	100.45
1941	0.20	0.28	0.38	0.52	0.85	1.40	1.79	2.68	3.24	4.11	90.80
1942	0.08	0.12	0.17	0.31	0.59	1.13	1.36	2.16	3.33	4.39	62.52
1943	0.09	0.17	0.21	0.39	0.72	1.37	1.80	3.09	3.92	6.25	42.61
1944	0.09	0.11	0.17	0.31	0.55	0.97	1.20	1.83	2.38	4.07	54.22
1945	0.19	0.22	0.36	0.54	0.73	1.07	1.30	2.58	4.49	6.49	66.89
1946	0.15	0.23	0.25	0.47	0.71	1.21	1.50	2.71	4.07	5.68	27.87
1947	0.10	0.15	0.22	0.31	0.58	0.94	1.38	2.29	3.62	5.01	40.45
1948	0.13	0.18	0.24	0.34	0.56	0.84	1.04	1.62	2.66	3.65	50.30
1949	0.20	0.27	0.31	0.49	0.70	1.09	1.43	2.01	2.25	3.91	36.47
1950	0.15	0.24	0.30	0.45	0.77	1.38	1.87	3.31	5.15	7.18	67.85
1951	0.26	0.30	0.32	0.49	0.78	1.50	1.90	2.50	3.11	4.85	62.16
1952	0.23	0.34	0.40	0.60	0.70	1.34	1.73	3.72	5.51	7.45	68.39
1953	0.10	0.16	0.20	0.35	0.65	1.14	1.62	2.96	4.08	5.81	47.77
1954	0.10	0.15	0.20	0.31	0.60	0.91	1.47	2.71	4.87	8.51	70.46
1955	0.16	0.22	0.26	0.46	0.85	1.55	2.23	4.10	6.06	9.36	63.27
1956	0.08	0.11	0.14	0.26	0.46	0.86	1.16	2.08	2.70	4.57	48.61
1957	0.13	0.25	0.33	0.52	0.97	1.51	1.83	2.74	4.40	6.45	71.87
1958	0.19	0.32	0.45	0.71	1.22	1.42	1.65	2.07	3.04	4.29	71.89
1959	0.10	0.17	0.24	0.40	0.75	1.33	1.86	3.44	4.91	5.03	46.47
1960	0.15	0.22	0.31	0.44	0.76	1.28	1.77	2.44	4.06	6.51	66.59
1961	0.11	0.15	0.22	0.38	0.62	0.86	1.21	2.19	3.01	3.65	46.76
1962	0.09	0.15	0.22	0.43	0.82	1.45	2.07	3.40	4.59	8.36	61.99
1963	0.12	0.24	0.30	0.57	0.92	1.49	1.84	3.02	4.52	6.95	65.73
1964	0.24	0.32	0.39	0.59	0.89	1.44	1.87	2.85	4.50	7.10	56.04
1965	0.15	0.21	0.24	0.40	0.56	1.07	1.54	2.85	4.55	5.96	52.66
1966	0.10	0.16	0.22	0.44	0.62	1.30	1.56	2.16	3.74	5.01	59.69
1967	0.10	0.14	0.20	0.30	0.54	0.98	1.41	2.67	4.46	8.20	57.89
1968	*****	*****	*****	*****	0.80	1.30	1.90	3.40	4.60	6.20	68.30
1969	*****	*****	*****	*****	0.70	1.20	1.70	3.00	4.90	8.30	89.30
1970	*****	*****	*****	*****	0.90	1.40	1.90	3.30	5.30	6.20	93.60
1971	*****	*****	*****	*****	0.20	1.30	1.70	2.50	3.80	4.90	40.10
1972	*****	*****	*****	*****	0.40	0.80	1.10	1.70	3.10	4.20	44.00
1973	*****	*****	0.50	0.90	1.10	1.50	2.20	3.60	5.30	7.30	101.90
1974	*****	*****	0.40	0.50	0.90	1.20	1.50	2.60	4.60	6.00	69.00

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F90 9273 0	VENADO	1260	19	09N	10W		M	38.616	123.017	SONOMA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.19	0.26	0.42	0.68	1.15	1.54	2.56	3.87	5.64	60.75
5	0.17	0.26	0.35	0.57	0.91	1.55	2.07	3.45	5.21	7.59	75.39
10	0.20	0.30	0.41	0.66	1.06	1.81	2.42	4.02	6.07	8.85	83.68
20	0.23	0.34	0.46	0.75	1.20	2.05	2.73	4.56	6.87	10.02	90.87
25	0.24	0.35	0.48	0.77	1.25	2.12	2.83	4.72	7.12	10.38	93.02
40	0.24	0.36	0.49	0.79	1.27	2.16	2.88	4.80	7.24	10.56	97.36
50	0.26	0.39	0.53	0.86	1.38	2.34	3.13	5.22	7.87	11.47	99.34
100	0.29	0.43	0.58	0.94	1.51	2.56	3.42	5.70	8.60	12.53	105.21
200	0.31	0.46	0.63	1.01	1.63	2.77	3.70	6.17	9.31	13.57	110.74
1000	0.36	0.54	0.74	1.19	1.91	3.25	4.34	7.22	10.90	15.89	122.62
10000	0.44	0.65	0.88	1.42	2.29	3.90	5.21	8.68	13.09	19.08	138.05
PMP	0.87	1.28	1.75	2.81	4.53	7.70	10.29	17.14	25.86	37.69	310.50
MEAN	0.138	0.205	0.279	0.449	0.723	1.229	1.643	2.736	4.128	6.016	61.853
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.930	0.486	0.729	1.467	-0.006	-0.437	-0.120	0.149	-0.154	0.337	0.546
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.301 ; INTERCEPT (TIME=1 HOUR) =0.744 ; COEFFICIENT OF DETERMINATION = 0.993
1HR INTERCEPT / MEAN YR =0.01202 ; AVERAGE CALC CV / USED CV = 0.80

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.085	2.497	3.073	6.746	4.391	2.160	2.556	2.675	2.503	2.339	3.298
N	28	28	30	30	35	35	35	35	35	35	35
RECORD YEAR	1951	1952	1973	1973	1958	1955	1955	1955	1955	1955	1973
RECORD MAXIMUM	0.260	0.340	0.500	0.900	1.220	1.550	2.230	4.100	6.060	9.360	101.900
NORMALIZED MAX	2.352	2.024	2.464	3.409	2.554	1.410	1.892	2.252	1.982	2.068	2.248
CALC. COEF. VAR	0.375	0.325	0.321	0.295	0.270	0.185	0.189	0.221	0.236	0.269	0.288
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0022	0.0033	0.0045	0.0073	0.0117	0.0199	0.0266	0.0442	0.0667	0.0973	1.0000
RP10/A	0.0033	0.0049	0.0066	0.0107	0.0172	0.0292	0.0391	0.0651	0.0982	0.1430	1.3529
RP25/A	0.0039	0.0057	0.0078	0.0125	0.0202	0.0343	0.0458	0.0763	0.1151	0.1678	1.5039
RP50/A	0.0043	0.0063	0.0086	0.0138	0.0223	0.0379	0.0506	0.0844	0.1273	0.1855	1.6060
RP100/A	0.0047	0.0069	0.0094	0.0151	0.0243	0.0414	0.0553	0.0922	0.1391	0.2026	1.7009
RP1000/A	0.0059	0.0088	0.0119	0.0192	0.0308	0.0525	0.0701	0.1168	0.1762	0.2568	1.9825
RP10000/A	0.0071	0.0105	0.0143	0.0230	0.0370	0.0630	0.0842	0.1403	0.2116	0.3084	2.2320
PMP/A	0.0140	0.0208	0.0283	0.0455	0.0732	0.1245	0.1664	0.2772	0.4181	0.6094	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
800 5741 0	MODESTO	92	32	035	09E	M	M	37.643	121.008	STANISLAUS

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1942	0.20	0.32	0.37	0.38	0.39	0.52	0.57	0.93	0.94	0.98	14.29
1943	0.15	0.21	0.28	0.30	0.36	0.46	0.48	0.85	1.16	1.17	10.29
1944	0.19	0.33	0.46	0.54	0.71	0.74	0.74	0.78	0.94	1.27	14.11
1945	0.16	0.25	0.34	0.46	0.60	0.80	0.92	1.23	1.48	1.56	13.41
1946	0.14	0.16	0.17	0.19	0.26	0.34	0.45	0.72	0.77	1.07	7.96
1947	0.10	0.14	0.16	0.17	0.21	0.26	0.27	0.49	0.85	0.86	6.43
1948	0.10	0.16	0.20	0.38	0.52	0.69	0.85	0.98	1.00	1.04	11.28
1949	0.12	0.23	0.31	0.41	0.48	0.64	0.69	0.75	0.75	0.95	7.69
1950	0.44	0.63	0.89	1.00	1.06	1.14	1.20	1.32	1.32	1.33	16.56
1951	0.12	0.20	0.25	0.32	0.44	0.59	0.63	0.74	0.93	0.99	10.84
1952	0.20	0.28	0.40	0.67	0.81	1.03	1.24	1.24	1.25	1.30	12.76
1953	0.09	0.10	0.15	0.24	0.24	0.40	0.46	0.56	0.88	0.98	5.67
1954	0.14	0.24	0.29	0.30	0.44	0.64	0.65	0.75	1.00	1.09	9.79
1955	0.21	0.33	0.36	0.57	0.83	1.12	1.36	1.37	1.42	1.55	13.17
1956	0.11	0.19	0.28	0.38	0.47	0.55	0.59	0.60	0.85	0.95	7.78
1957	0.09	0.11	0.12	0.19	0.34	0.39	0.45	0.70	0.92	0.92	10.26
1958	0.13	0.25	0.34	0.45	0.67	0.97	1.18	1.59	1.94	2.06	16.77
1959	0.10	0.12	0.13	0.20	0.25	0.39	0.53	0.84	1.34	1.44	8.60
1960	0.05	0.07	0.09	0.11	0.16	0.24	0.35	0.57	0.62	0.65	7.31
1961	0.09	0.13	0.17	0.31	0.54	0.83	0.99	1.04	1.25	1.72	7.86
1962	0.13	0.20	0.29	0.43	0.55	0.84	1.00	1.21	1.40	1.45	11.20
1963	0.08	0.13	0.14	0.24	0.31	0.41	0.61	0.96	1.29	1.31	13.45
1964	0.21	0.27	0.30	0.41	0.43	0.67	0.80	1.02	1.22	1.26	10.17
1965	0.04	0.07	0.10	0.15	0.22	0.35	0.45	0.70	0.88	0.91	10.24
1966	0.05	0.07	0.08	0.11	0.18	0.23	0.26	0.38	0.49	0.77	7.14
1967	0.06	0.12	0.22	0.26	0.37	0.66	0.84	0.94	1.73	1.85	11.82
1968	0.22	0.32	0.37	0.49	0.50	0.59	0.66	0.90	1.43	1.65	13.00
1969	0.15	0.23	0.27	0.31	0.38	0.63	0.79	0.95	1.00	1.23	13.85
1970	0.14	0.16	0.20	0.26	0.33	0.62	0.88	1.21	1.55	2.27	14.30
1971	0.09	0.14	0.20	0.25	0.29	0.38	0.45	0.62	1.08	1.29	9.03
1972	*****	*****	*****	*****	0.80	1.00	1.10	1.30	1.40	1.40	8.77
1973	*****	*****	0.20	0.20	0.20	0.40	0.60	0.90	1.50	1.80	18.90
1974	*****	*****	0.20	0.30	0.50	0.60	0.70	0.70	1.00	1.70	11.60

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
800 5741 0	MODESTO	92	32	035	09E	M	M	37.643	121.008	STANISLAUS

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.19	0.24	0.32	0.42	0.57	0.68	0.85	1.07	1.21	10.83
5	0.17	0.26	0.33	0.43	0.56	0.76	0.90	1.13	1.43	1.62	13.71
10	0.20	0.30	0.38	0.50	0.66	0.89	1.05	1.32	1.66	1.88	15.37
20	0.22	0.34	0.43	0.56	0.74	1.00	1.18	1.49	1.87	2.13	16.83
25	0.23	0.35	0.44	0.58	0.77	1.04	1.23	1.54	1.94	2.20	17.27
40	0.24	0.36	0.45	0.59	0.78	1.06	1.25	1.57	1.97	2.24	18.15
50	0.26	0.39	0.49	0.65	0.85	1.15	1.35	1.70	2.14	2.43	18.56
100	0.28	0.42	0.53	0.70	0.92	1.25	1.48	1.86	2.34	2.65	19.77
200	0.30	0.46	0.58	0.76	1.00	1.35	1.60	2.01	2.53	2.87	20.92
1000	0.35	0.53	0.68	0.89	1.17	1.58	1.87	2.35	2.95	3.35	23.40
10000	0.42	0.64	0.81	1.07	1.40	1.90	2.24	2.81	3.54	4.02	26.67
PMP	0.84	1.26	1.59	2.10	2.75	3.73	4.40	5.53	6.96	7.91	59.53
MEAN	0.137	0.205	0.260	0.343	0.450	0.610	0.719	0.904	1.139	1.293	11.097
CLOCK HR. COF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.202	1.846	2.389	1.691	0.952	0.514	0.417	0.440	0.322	0.628	0.423
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.550 ; INTERCEPT (TIME=1 HOUR) =0.452 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.04072 ; AVERAGE CALC CV / USED CV = 1.47

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	10.728	8.789	11.970	7.600	3.888	2.765	2.802	2.940	3.119	3.225	2.942
N	30	30	32	32	33	33	33	33	33	33	33
RECORD YEAR	1950	1950	1950	1950	1950	1950	1955	1958	1958	1970	1973
RECORD MAXIMUM	0.440	0.630	0.890	1.000	1.060	1.140	1.360	1.590	1.940	2.270	18.900
NORMILIZED MAX	3.973	3.760	4.172	3.636	2.836	2.108	2.241	2.418	2.471	2.544	2.438
CALC. COEF. VAR	0.589	0.550	0.580	0.526	0.479	0.413	0.397	0.314	0.288	0.297	0.288
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0123	0.0185	0.0235	0.0309	0.0405	0.0549	0.0648	0.0815	0.1026	0.1165	1.0000
RP10/A	0.0179	0.0270	0.0342	0.0451	0.0591	0.0801	0.0945	0.1187	0.1495	0.1698	1.3850
RP25/A	0.0210	0.0315	0.0400	0.0527	0.0691	0.0936	0.1105	0.1389	0.1749	0.1986	1.5559
RP50/A	0.0232	0.0348	0.0441	0.0582	0.0762	0.1034	0.1220	0.1533	0.1931	0.2192	1.6725
RP100/A	0.0253	0.0380	0.0481	0.0635	0.0832	0.1128	0.1331	0.1673	0.2106	0.2392	1.7815
RP1000/A	0.0319	0.0480	0.0608	0.0802	0.1051	0.1425	0.1681	0.2113	0.2662	0.3022	2.1090
RP10000/A	0.0383	0.0575	0.0729	0.0961	0.1260	0.1708	0.2016	0.2533	0.3191	0.3623	2.4030
PMP/A	0.0753	0.1131	0.1434	0.1891	0.2478	0.3360	0.3964	0.4983	0.6275	0.7125	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
800 8322 0	SNOW RANCH USCE	240	12	01N	10E	0	M	37.946	120.821	STANISLAUS

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
1963	*****	*****	0.19	0.24	0.42	0.60	0.66	1.10	1.82	2.16	******
1964	*****	*****	0.35	0.40	0.51	0.65	0.66	0.72	0.79	1.37	11.16
1965	*****	*****	0.25	0.33	0.36	0.43	0.56	1.01	1.21	1.29	******
1966	*****	*****	0.25	0.33	0.42	0.55	0.67	1.07	1.42	1.59	13.36
1967	*****	*****	0.26	0.30	0.44	0.48	0.63	0.74	1.41	2.15	22.62
1968	*****	*****	0.22	0.23	0.24	0.42	0.55	0.96	1.54	1.67	11.78
1969	*****	*****	0.27	0.32	0.43	0.60	0.67	1.02	1.56	1.94	******
1970	*****	*****	0.22	0.34	0.52	0.64	0.92	1.47	1.83	2.18	15.71
1971	*****	*****	0.23	0.25	0.52	0.75	0.80	1.12	1.69	2.42	14.16
1972	*****	*****	0.18	0.21	0.22	0.42	0.48	0.80	1.49	1.98	8.71
1973	*****	*****	0.44	0.56	0.61	0.71	0.72	1.06	1.28	1.58	22.48
1974	*****	*****	0.75	0.76	0.78	0.88	0.88	1.02	1.28	1.62	20.34

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
800 8322 0	SNOW RANCH USCE	240	12	01N	10E	0	M	37.946	120.821	STANISLAUS

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	W-YR
2	0.0	0.0	0.28	0.33	0.43	0.56	0.64	0.95	1.35	1.71	15.21
5	0.0	0.0	0.38	0.45	0.57	0.75	0.86	1.26	1.81	2.28	19.26
10	0.0	0.0	0.44	0.52	0.66	0.87	1.00	1.47	2.10	2.65	21.59
20	0.0	0.0	0.50	0.59	0.75	0.98	1.12	1.66	2.38	3.00	23.64
25	0.0	0.0	0.51	0.61	0.78	1.01	1.16	1.72	2.46	3.10	24.26
40	0.0	0.0	0.52	0.62	0.79	1.03	1.18	1.75	2.50	3.16	25.50
50	0.0	0.0	0.57	0.67	0.86	1.12	1.29	1.90	2.72	3.43	26.08
100	0.0	0.0	0.62	0.73	0.94	1.22	1.40	2.07	2.96	3.74	27.78
200	0.0	0.0	0.67	0.79	1.01	1.32	1.52	2.24	3.20	4.04	29.39
1000	0.0	0.0	0.78	0.92	1.18	1.54	1.77	2.61	3.74	4.72	32.88
10000	0.0	0.0	0.94	1.11	1.42	1.85	2.12	3.13	4.49	5.66	37.47
PMP	0.0	0.0	1.84	2.18	2.79	3.63	4.18	6.16	8.83	11.13	83.65
MEAN	0.0	0.0	0.301	0.356	0.456	0.594	0.683	1.007	1.443	1.821	15.591
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	2.426	1.839	0.441	0.455	0.471	0.673	-0.782	0.144	0.363
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.662 ; INTERCEPT (TIME=1 HOUR) =0.465 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.02985 ; AVERAGE CALC CV / USED CV = 1.02

KURTOSIS	0.0	0.0	9.585	6.868	4.606	3.474	3.518	5.398	4.914	2.736	2.879
N	0	0	12	12	12	12	12	12	12	12	9
RECORD YEAR	0	0	1974	1974	1974	1974	1970	1970	1970	1971	1967
RECORD MAXIMUM	0.0	0.0	0.750	0.760	0.780	0.880	0.920	1.470	1.830	2.420	22.620
NORMILIZED MAX	0.0	0.0	2.834	2.558	2.130	1.988	1.809	2.308	1.342	1.686	1.379
CALC. COEF. VAR	0.0	0.0	0.527	0.444	0.334	0.242	0.191	0.199	0.200	0.195	0.327
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0	0.0	0.0193	0.0228	0.0292	0.0381	0.0438	0.0646	0.0926	0.1168	1.0000
RP10/A	0.0	0.0	0.0281	0.0333	0.0426	0.0555	0.0639	0.0942	0.1349	0.1702	1.3850
RP25/A	0.0	0.0	0.0329	0.0389	0.0498	0.0650	0.0747	0.1101	0.1578	0.1991	1.5559
RP50/A	0.0	0.0	0.0363	0.0429	0.0550	0.0717	0.0825	0.1216	0.1742	0.2197	1.6725
RP100/A	0.0	0.0	0.0396	0.0468	0.0600	0.0782	0.0900	0.1326	0.1900	0.2397	1.7815
RP1000/A	0.0	0.0	0.0500	0.0592	0.0758	0.0988	0.1137	0.1676	0.2401	0.3029	2.1090
RP10000/A	0.0	0.0	0.0600	0.0710	0.0909	0.1185	0.1363	0.2009	0.2878	0.3631	2.4030
PMP/A	0.0	0.0	0.1180	0.1396	0.1788	0.2330	0.2680	0.3952	0.5661	0.7141	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
880 2369 0	DEL PUERTO ROAD CAMP	1125	12	065	05E	0	M	37.423	121.378	STANISLAUS

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1960	0.05	0.07	0.10	0.15	0.24	0.42	0.47	0.70	0.95	1.00	7.71
1961	0.15	0.17	0.18	0.24	0.32	0.45	0.58	0.77	1.25	1.25	8.41
1962	0.05	0.09	0.13	0.20	0.36	0.50	0.82	1.19	1.72	2.42	15.09
1963	0.07	0.11	0.13	0.18	0.27	0.42	0.52	0.73	1.24	1.76	15.46
1964	0.10	0.11	0.12	0.15	0.27	0.52	0.62	0.92	1.04	1.37	7.90
1965	0.06	0.08	0.11	0.18	0.31	0.46	0.57	0.70	0.95	1.15	16.05
1966	0.17	0.26	0.30	0.55	0.63	0.64	0.67	0.82	1.03	1.48	9.73
1967	0.15	0.22	0.31	0.60	0.93	1.36	1.81	2.35	2.55	2.55	19.46
1968	0.12	0.13	0.15	0.21	0.27	0.50	0.72	1.28	1.84	2.01	9.45
1969	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	23.93
1970	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	16.59
1971	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	13.91
1972	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	6.68
1973	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	20.78

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
880 2369 0	DEL PUERTO ROAD CAMP	1125	12	065	05E	0	M	37.423	121.378	STANISLAUS

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.09	0.13	0.16	0.25	0.37	0.54	0.70	0.97	1.30	1.54	13.28
5	0.13	0.18	0.22	0.36	0.52	0.76	0.98	1.37	1.82	2.17	17.32
10	0.16	0.21	0.26	0.42	0.62	0.90	1.16	1.62	2.15	2.57	19.65
20	0.18	0.24	0.30	0.48	0.71	1.03	1.33	1.85	2.46	2.94	21.70
25	0.19	0.25	0.31	0.50	0.73	1.07	1.38	1.93	2.56	3.05	22.31
40	0.19	0.26	0.32	0.51	0.75	1.09	1.41	1.96	2.61	3.11	23.56
50	0.21	0.28	0.35	0.56	0.82	1.20	1.54	2.15	2.85	3.40	24.13
100	0.23	0.31	0.38	0.61	0.90	1.31	1.69	2.36	3.13	3.74	25.83
200	0.25	0.34	0.41	0.67	0.98	1.43	1.84	2.57	3.41	4.07	27.44
1000	0.29	0.40	0.49	0.79	1.15	1.69	2.17	3.03	4.03	4.80	30.93
10000	0.36	0.48	0.59	0.95	1.40	2.05	2.63	3.67	4.88	5.82	35.51
PMP	0.72	0.97	1.20	1.93	2.82	4.13	5.31	7.41	9.84	11.73	81.65
MEAN	0.102	0.138	0.170	0.273	0.400	0.586	0.753	1.051	1.397	1.666	13.654
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.218	0.996	1.294	1.530	1.948	2.729	2.635	2.197	1.399	0.583	0.371
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.430 ; INTERCEPT (TIME=1 HOUR) =0.397 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.02908 ; AVERAGE CALC CV / USED CV = 1.30

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	2.484	3.987	4.227	4.733	7.077	11.058	10.730	8.774	5.458	3.144	2.700
N	9	9	9	9	9	9	9	9	9	9	14
RECORD YEAR	1966	1966	1967	1967	1967	1967	1967	1967	1967	1967	1969
RECORD MAXIMUM	0.170	0.260	0.310	0.600	0.930	1.360	1.810	2.350	2.550	2.550	23.930
NORMILIZED MAX	1.439	1.860	1.750	1.880	2.296	2.598	2.577	2.445	2.133	1.588	1.882
CALC. COEF. VAR	0.461	0.477	0.471	0.636	0.577	0.509	0.544	0.505	0.387	0.334	0.400
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0075	0.0101	0.0125	0.0200	0.0293	0.0429	0.0552	0.0770	0.1023	0.1220	1.0000
RP10/A	0.0115	0.0155	0.0192	0.0308	0.0451	0.0661	0.0850	0.1186	0.1576	0.1879	1.4393
RP25/A	0.0137	0.0185	0.0228	0.0367	0.0537	0.0786	0.1011	0.1411	0.1875	0.2235	1.6342
RP50/A	0.0153	0.0206	0.0254	0.0409	0.0598	0.0876	0.1126	0.1572	0.2088	0.2491	1.7672
RP100/A	0.0168	0.0226	0.0279	0.0449	0.0657	0.0962	0.1238	0.1727	0.2295	0.2737	1.8917
RP1000/A	0.0216	0.0291	0.0359	0.0577	0.0845	0.1237	0.1591	0.2220	0.2950	0.3517	2.2652
RP10000/A	0.0261	0.0352	0.0435	0.0699	0.1023	0.1498	0.1927	0.2689	0.3573	0.4260	2.6007
PMP/A	0.0527	0.0711	0.0877	0.1410	0.2064	0.3021	0.3887	0.5424	0.7207	0.8594	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A00 6726 0	PASKENTA P S	755	04	23N	06W		M	39.883	122.533	TEHAMA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1950	*****	*****	0.33	0.36	0.51	0.77	0.93	1.16	1.16	2.44	21.31
1951	*****	*****	0.26	0.30	0.41	0.70	0.90	1.50	2.00	2.52	22.04
1952	*****	*****	0.25	0.34	0.38	0.58	0.67	1.29	2.11	2.47	33.22
1953	*****	*****	0.43	0.45	0.65	1.10	1.50	2.05	2.31	2.84	16.05
1954	*****	*****	0.50	0.51	0.51	0.60	0.83	1.31	2.01	2.84	29.54
1955	*****	*****	0.30	0.30	0.31	0.57	0.82	1.35	2.13	3.30	22.31
1956	*****	*****	0.15	0.18	0.27	0.36	0.50	0.90	1.40	1.80	18.05
1957	*****	*****	0.19	0.20	0.36	0.67	0.95	1.53	1.95	2.62	27.53
1958	*****	*****	0.32	0.37	0.37	0.72	1.02	1.79	3.03	3.97	36.68
1959	*****	*****	0.15	0.20	0.40	0.76	0.95	1.87	2.94	3.25	15.58
1960	*****	*****	0.25	0.30	0.44	0.69	1.05	1.43	2.02	2.76	23.02
1961	*****	*****	0.10	0.19	0.32	0.47	0.62	0.98	1.52	2.45	17.44
1962	*****	*****	0.31	0.34	0.51	0.62	0.66	1.15	1.72	2.23	21.05
1963	*****	*****	0.23	0.30	0.46	0.78	0.88	1.10	1.46	1.78	25.17
1964	*****	*****	0.16	0.23	0.31	0.52	0.66	1.14	1.72	3.14	19.40
1965	*****	*****	0.28	0.26	0.45	0.81	1.09	1.55	1.95	3.04	22.13
1966	*****	*****	0.14	0.26	0.29	0.45	0.59	0.99	1.56	2.28	16.76
1967	*****	*****	0.24	0.30	0.47	0.58	0.59	0.95	1.37	2.13	24.05
1968	*****	*****	0.24	0.30	0.30	0.54	0.76	1.26	1.65	2.80	25.41
1969	*****	*****	0.19	0.26	0.41	0.59	0.79	1.24	1.62	2.01	28.81
1970	*****	*****	0.19	0.30	0.44	0.61	0.85	1.38	1.96	2.05	30.49
1971	*****	*****	0.14	0.18	0.26	0.51	0.74	1.22	1.52	1.60	14.73

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A00 6726 0	PASKENTA P S	755	04	23N	06W		M	39.883	122.533	TEHAMA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.23	0.27	0.38	0.60	0.78	1.24	1.75	2.40	22.72
5	0.0	0.0	0.31	0.37	0.51	0.80	1.05	1.67	2.35	3.22	29.36
10	0.0	0.0	0.36	0.43	0.55	0.93	1.23	1.95	2.74	3.76	33.12
20	0.0	0.0	0.40	0.48	0.67	1.06	1.39	2.20	3.10	4.24	36.38
25	0.0	0.0	0.42	0.50	0.69	1.09	1.44	2.26	3.21	4.40	37.36
40	0.0	0.0	0.43	0.51	0.70	1.11	1.46	2.32	3.27	4.47	39.33
50	0.0	0.0	0.46	0.55	0.76	1.21	1.59	2.52	3.55	4.86	40.23
100	0.0	0.0	0.50	0.60	0.83	1.32	1.73	2.75	3.88	5.31	42.89
200	0.0	0.0	0.55	0.65	0.90	1.43	1.87	2.98	4.19	5.74	45.40
1000	0.0	0.0	0.64	0.77	1.05	1.67	2.19	3.48	4.91	6.72	50.76
10000	0.0	0.0	0.77	0.92	1.27	2.01	2.63	4.18	5.80	8.06	57.80
PMP	0.0	0.0	1.51	1.81	2.50	3.96	5.20	8.25	11.62	15.91	136.05
MEAN	0.0	0.0	0.243	0.291	0.401	0.636	0.835	1.326	1.869	2.558	23.217
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.988	0.893	0.592	1.058	1.167	0.821	1.112	0.408	0.560
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.494 ; INTERCEPT (TIME=1 HOUR) =0.448 ; COEFFICIENT OF DETERMINATION = 0.970
1HR INTERCEPT / MEAN YR =0.0198 ; AVERAGE CALC CV / USED CV = 0.82

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	4.455	4.720	3.731	5.891	5.809	3.655	4.719	3.441	3.083
N	0	0	22	22	22	22	22	22	22	22	22
RECORD YEAR	0	0	1954	1954	1953	1953	1953	1953	1958	1958	1958
RECORD MAXIMUM	0.0	0.0	0.500	0.510	0.650	1.100	1.500	2.050	3.030	3.920	36.680
NORMILIZED MAX	0.0	0.0	2.642	2.666	2.565	2.985	3.004	2.396	2.501	2.398	2.263
CALC. COEF. VAR	0.0	0.0	0.400	0.281	0.241	0.244	0.265	0.228	0.249	0.222	0.256
REGN. COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
USED COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
MEAN/A	0.0	0.0	0.0105	0.0125	0.0173	0.0274	0.0360	0.0571	0.0805	0.1102	1.0000
RP10/A	0.0	0.0	0.0154	0.0184	0.0254	0.0402	0.0528	0.0838	0.1180	0.1616	1.4266
RP25/A	0.0	0.0	0.0180	0.0216	0.0297	0.0471	0.0619	0.0982	0.1383	0.1894	1.6092
RP50/A	0.0	0.0	0.0199	0.0238	0.0328	0.0521	0.0684	0.1085	0.1529	0.2093	1.7327
RP100/A	0.0	0.0	0.0217	0.0260	0.0359	0.0569	0.0746	0.1185	0.1669	0.2285	1.8474
RP1000/A	0.0	0.0	0.0275	0.0330	0.0454	0.0720	0.0945	0.1500	0.2114	0.2893	2.1878
RP10000/A	0.0	0.0	0.0330	0.0396	0.0545	0.0864	0.1134	0.1801	0.2537	0.3473	2.4896
PMP/A	0.0	0.0	0.0652	0.0781	0.1075	0.1705	0.2238	0.3553	0.5006	0.6852	5.8600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. REN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A00 7292 0	RED BLUFF AIR PORT NWS	341		27N	03W		M	40.150	122.250	TEHAMA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	*M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1906	0.17	0.32	0.49	0.94	1.62	1.96	2.05	2.18	2.23	2.58	40.37
1907	0.15	0.19	0.27	0.35	0.38	0.44	0.59	1.28	1.80	1.88	24.66
1908	0.09	0.13	0.15	0.27	0.53	0.81	0.55	1.36	1.78	2.15	17.92
1909	0.22	0.33	0.37	0.70	0.93	1.30	1.61	1.85	1.88	4.12	34.89
1910	0.15	0.30	0.45	0.75	1.04	1.30	1.40	1.41	1.64	1.64	14.50
1911	0.16	0.24	0.36	0.55	0.73	1.12	1.28	1.76	2.06	2.88	22.69
1912	0.17	0.23	0.34	0.52	0.88	1.06	1.23	1.90	2.53	3.90	21.80
1913	0.24	0.27	0.41	0.53	0.61	0.66	0.66	1.07	1.75	2.39	25.77
1914	0.12	0.21	0.30	0.36	0.56	0.88	1.08	1.45	2.35	3.01	27.51
1915	0.28	0.41	0.48	0.52	0.52	0.74	0.93	1.43	2.05	2.47	36.15
1916	0.20	0.35	0.40	0.40	0.40	0.61	0.64	0.82	1.30	2.41	20.09
1917	0.25	0.33	0.41	0.46	0.57	0.93	0.97	1.35	1.66	2.25	14.16
1918	0.32	0.52	0.70	1.19	2.11	3.73	4.53	5.51	5.94	6.12	23.57
1919	0.15	0.22	0.34	0.48	0.57	0.66	0.70	0.78	1.30	2.13	15.71
1920	0.17	0.31	0.40	0.46	0.59	0.64	0.69	0.75	1.12	1.63	21.99
1922	0.20	0.23	0.31	0.45	0.79	1.21	1.64	2.07	2.45	2.68	20.81
1923	0.48	0.73	0.76	0.78	0.86	0.87	1.06	1.39	1.54	2.02	13.52
1924	0.10	0.19	0.21	0.30	0.39	0.60	0.73	0.90	1.16	1.66	17.09
1925	0.12	0.17	0.24	0.36	0.47	0.75	0.95	1.74	3.05	4.15	22.24
1927	0.19	0.25	0.30	0.38	0.50	0.67	0.80	1.22	2.26	3.41	26.35
1928	0.23	0.27	0.32	0.47	0.56	0.56	0.73	1.11	1.58	2.01	18.94
1929	0.13	0.24	0.34	0.43	0.44	0.49	0.64	0.92	0.98	1.28	11.72
1930	0.14	0.28	0.40	0.52	0.70	1.01	1.05	1.34	1.50	1.62	18.00
1931	0.34	0.45	0.62	1.02	1.18	1.44	1.56	1.85	1.94	2.35	20.98
1932	0.06	0.13	0.16	0.28	0.36	0.64	0.85	1.14	1.33	1.70	11.15
1933	0.19	0.24	0.29	0.33	0.60	0.80	0.84	1.16	2.08	3.08	18.32
1942	*****	*****	*****	*****	0.58	0.64	0.82	1.19	1.66	2.62	27.09
1943	*****	*****	*****	*****	1.43	1.52	1.55	2.00	2.46	3.54	22.85
1944	0.21	0.38	0.48	0.53	0.85	0.94	1.00	1.18	1.37	1.77	21.26
1945	0.29	0.46	0.55	0.77	0.83	0.86	0.88	1.30	1.78	2.66	26.53
1946	0.19	0.27	0.30	0.33	0.33	0.61	0.64	0.97	1.39	1.61	10.71
1947	0.10	0.18	0.21	0.26	0.38	0.59	0.66	0.82	1.08	1.37	15.57
1948	0.16	0.24	0.26	0.33	0.61	0.76	0.78	0.99	1.67	2.41	22.48
1949	0.17	0.23	0.27	0.35	0.43	0.47	0.57	1.01	1.67	1.71	14.01
1950	0.34	0.45	0.75	0.88	1.21	1.69	1.76	1.87	2.44	3.24	23.51
1951	0.34	0.47	0.52	1.03	1.13	1.24	1.29	1.33	1.46	2.09	21.21
1952	0.14	0.26	0.29	0.40	0.56	0.87	1.14	1.53	2.05	2.24	27.04
1953	0.26	0.43	0.59	0.92	0.98	0.99	0.99	1.06	1.49	2.26	15.28
1954	0.14	0.18	0.21	0.29	0.50	0.82	1.05	1.49	2.65	4.00	26.56
1955	0.17	0.31	0.42	0.69	0.82	0.84	0.85	0.89	1.60	2.45	18.58
1956	0.29	0.52	0.66	1.05	1.37	1.61	1.63	1.64	1.64	2.25	16.46
1957	0.20	0.24	0.27	0.32	0.41	0.56	0.67	1.08	1.24	2.34	21.94
1958	0.17	0.26	0.34	0.45	0.54	0.67	0.88	1.28	1.87	2.19	29.86
1959	0.15	0.22	0.25	0.35	0.39	0.60	0.85	1.60	2.59	3.05	13.23
1960	0.18	0.29	0.42	0.62	0.84	1.25	1.51	2.37	3.29	3.69	25.63
1961	0.44	0.62	0.66	0.68	0.77	1.05	1.29	1.83	2.66	2.99	18.95
1962	0.41	0.77	0.98	1.08	1.12	1.18	1.22	1.28	1.51	2.57	21.13
1963	0.38	0.61	0.64	0.67	0.68	0.70	0.86	1.14	1.19	2.06	23.46
1964	0.15	0.34	0.45	0.57	0.72	1.05	1.22	1.52	1.75	1.85	17.08
1965	0.16	0.30	0.37	0.42	0.67	0.72	0.78	1.15	1.52	1.82	19.67
1966	0.25	0.41	0.49	0.70	1.06	1.57	1.96	2.06	2.42	2.61	20.04
1967	0.22	0.25	0.27	0.28	0.37	0.55	0.60	0.79	1.31	2.14	19.11
1968	0.10	0.17	0.20	0.26	0.47	0.82	0.97	1.32	1.61	1.87	24.10
1969	0.10	0.12	0.16	0.24	0.43	0.58	0.70	0.97	1.44	1.83	26.93
1970	0.12	0.20	0.25	0.35	0.46	0.61	0.59	1.02	1.76	2.64	29.29
1971	0.17	0.22	0.26	0.29	0.37	0.47	0.61	0.69	1.00	1.96	13.10
1972	0.15	0.25	0.29	0.42	0.45	0.57	0.67	0.72	1.35	1.81	17.23
1973	0.11	0.16	0.21	0.41	0.56	0.79	0.82	1.07	1.71	2.05	31.67
1974	0.13	0.22	0.32	0.37	0.45	0.77	0.95	1.22	1.58	2.52	20.62
1975	0.35	0.42	0.56	0.65	0.78	0.90	1.03	1.03	1.10	1.11	18.63

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. PSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A00 7292 0	RED BLUFF AIR PORT NWS	341		27N	03W		M	40.150	122.250	TEHAMA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.19	0.29	0.37	0.50	0.66	0.87	1.00	1.30	1.73	2.31	20.89
5	0.26	0.39	0.49	0.67	0.89	1.17	1.35	1.75	2.32	3.10	27.00
10	0.30	0.46	0.57	0.78	1.03	1.36	1.57	2.04	2.70	3.61	30.46
20	0.34	0.52	0.65	0.88	1.17	1.54	1.78	2.30	3.06	4.08	33.46
25	0.35	0.54	0.67	0.91	1.21	1.60	1.84	2.39	3.17	4.23	34.35
40	0.38	0.55	0.68	0.93	1.23	1.62	1.87	2.43	3.22	4.30	36.16
50	0.39	0.59	0.74	1.01	1.34	1.76	2.04	2.64	3.50	4.68	36.99
100	0.42	0.65	0.81	1.10	1.46	1.93	2.22	2.88	3.82	5.11	39.44
200	0.46	0.70	0.88	1.19	1.58	2.08	2.41	3.12	4.14	5.52	41.75
1000	0.54	0.82	1.03	1.40	1.85	2.44	2.81	3.65	4.84	6.46	46.71
10000	0.64	0.98	1.23	1.68	2.22	2.93	3.38	4.38	5.81	7.76	53.14
PMP	1.27	1.94	2.44	3.31	4.38	5.78	6.67	8.64	11.46	15.31	125.10
MEAN	0.204	0.312	0.392	0.532	0.703	0.929	1.072	1.389	1.843	2.461	21.346
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.163	1.340	1.120	1.061	1.778	3.766	3.865	4.039	3.091	1.647	0.721
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.548 ; INTERCEPT (TIME=1 HOUR) =0.688 ; COEFFICIENT OF DETERMINATION = 0.994
1HR INTERCEPT / MEAN YR =0.03224 ; AVERAGE CALC CV / USED CV = 1.38

KURTOSIS	3.988	4.825	4.333	3.366	7.036	14.771	23.907	26.242	17.900	7.599	3.969
N	58	58	58	58	60	60	60	60	60	60	60
RECORD YEAR	1923	1982	1962	1918	1918	1918	1918	1918	1918	1918	1906
RECORD MAXIMUM	0.480	0.770	0.980	1.190	2.110	3.730	4.530	5.510	5.940	6.120	40.370
NORMILIZED MAX	3.008	3.206	3.397	2.723	4.062	5.629	5.970	6.171	5.524	4.273	3.113
CALC. COEF. VAR	0.451	0.457	0.442	0.455	0.497	0.536	0.541	0.485	0.402	0.348	0.286
REGN. COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
USED COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
MEAN/A	0.0095	0.0146	0.0183	0.0249	0.0330	0.0435	0.0502	0.0651	0.0863	0.1153	1.0000
RP10/A	0.0140	0.0215	0.0269	0.0365	0.0483	0.0638	0.0736	0.0954	0.1266	0.1691	1.4266
RP25/A	0.0164	0.0252	0.0315	0.0428	0.0566	0.0748	0.0863	0.1118	0.1484	0.1982	1.6092
RP50/A	0.0181	0.0278	0.0348	0.0473	0.0626	0.0827	0.0954	0.1236	0.1640	0.2190	1.7327
RP100/A	0.0198	0.0304	0.0380	0.0516	0.0683	0.0903	0.1041	0.1350	0.1790	0.2392	1.8474
RP1000/A	0.0251	0.0384	0.0482	0.0654	0.0865	0.1143	0.1318	0.1709	0.2267	0.3028	2.1878
RP10000/A	0.0301	0.0461	0.0578	0.0785	0.1039	0.1372	0.1582	0.2051	0.2721	0.3635	2.4894
PMP/A	0.0594	0.0910	0.1141	0.1549	0.2050	0.2707	0.3122	0.4047	0.5369	0.7172	5.8600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN OPPER SUP	STATION NAME	ELEV	SEC	TWP	RNG LOT	RMM	LATITUDE	LONGITUDE	COUNTY
A30 R40 11	BLACK BUTTE DAM	425	32	23N	04W H	M	39.808	122.329	TEHAMA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1962	*****	*****	0.26	0.38	0.54	0.77	0.94	1.68	2.32	2.65	17.61
1963	*****	*****	0.37	0.40	0.43	0.49	0.55	0.87	1.16	1.99	17.11
1964	*****	*****	0.19	0.36	0.40	0.67	0.87	1.10	1.38	1.42	8.65
1965	*****	*****	0.25	0.35	0.47	0.61	0.63	0.98	1.22	1.70	18.17
1966	*****	*****	0.22	0.31	0.50	0.52	0.57	1.04	1.61	2.18	14.43
1967	*****	*****	0.38	0.52	0.64	1.10	1.32	1.63	2.68	2.15	20.61
1968	*****	*****	0.18	0.26	0.34	0.62	0.79	0.89	1.13	1.62	14.44
1969	*****	*****	0.17	0.25	0.36	0.49	0.57	0.91	1.11	1.40	24.75
1970	*****	*****	0.13	0.16	0.30	0.48	0.56	0.90	1.55	2.08	18.47
1971	*****	*****	0.17	0.25	0.45	0.71	0.74	1.16	1.91	2.55	15.64
1972	*****	*****	0.10	0.14	0.24	0.36	0.45	0.63	0.98	1.22	7.65
1973	*****	*****	0.21	0.27	0.38	0.67	0.79	1.41	1.90	2.49	28.87
1974	*****	*****	0.28	0.45	0.55	0.65	0.70	0.96	1.35	2.08	17.87

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN OPPER SUP	STATION NAME	ELEV	SEC	TWP	RNG LOT	RMM	LATITUDE	LONGITUDE	COUNTY
A30 R40 11	BLACK BUTTE DAM	425	32	23N	04W H	M	39.808	122.329	TEHAMA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.21	0.29	0.40	0.58	0.68	1.01	1.41	1.82	16.89
5	0.0	0.0	0.29	0.41	0.56	0.81	0.95	1.42	1.97	2.55	21.95
10	0.0	0.0	0.34	0.49	0.66	0.96	1.17	1.68	2.33	3.03	24.82
20	0.0	0.0	0.39	0.56	0.76	1.10	1.29	1.92	2.67	3.46	27.30
25	0.0	0.0	0.41	0.58	0.79	1.15	1.34	2.00	2.78	3.60	28.05
40	0.0	0.0	0.47	0.59	0.80	1.17	1.36	2.03	2.83	3.67	29.55
50	0.0	0.0	0.46	0.64	0.88	1.28	1.49	2.22	3.09	4.01	30.23
100	0.0	0.0	0.50	0.71	0.96	1.41	1.64	2.44	3.40	4.41	32.26
200	0.0	0.0	0.55	0.77	1.05	1.53	1.78	2.66	3.70	4.79	34.17
1000	0.0	0.0	0.65	0.91	1.24	1.81	2.10	3.14	4.37	5.66	38.28
10000	0.0	0.0	0.78	1.10	1.50	2.19	2.55	3.80	5.29	6.86	43.62
PMP	0.0	0.0	1.58	2.22	3.02	4.41	5.14	7.67	10.68	13.84	103.26
MEAN	0.0	0.0	0.224	0.315	0.429	0.626	0.729	1.089	1.515	1.964	17.267
CLOCK HR. CORR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.673	0.154	0.183	1.338	1.484	0.887	0.609	-0.121	0.262
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.519 ; INTERCEPT (TIME=1 HOUR) =0.437 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.02529 ; AVERAGE CALC CV / USED CV = 0.79

KURTOSIS	0.0	0.0	3.642	3.361	3.338	6.672	6.385	3.770	2.913	2.636	4.330
N	0	0	12	13	13	13	12	13	13	13	13
RECORD YEAR	0	0	1967	1967	1967	1967	1967	1962	1962	1962	1973
RECORD MAXIMUM	0.0	0.0	0.380	0.520	0.640	1.100	1.320	1.680	2.320	2.650	28.870
NORMILIZED MAX	0.0	0.0	1.865	1.874	1.890	2.603	2.597	1.911	1.906	1.487	2.044
CALC. COEF. VAR	0.0	0.0	0.374	0.344	0.260	0.291	0.312	0.284	0.279	0.235	0.329
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0	0.0	0.0130	0.0183	0.0249	0.0363	0.0422	0.0631	0.0878	0.1137	1.0000
RP10/A	0.0	0.0	0.0200	0.0281	0.0383	0.0559	0.0651	0.0972	0.1352	0.1752	1.4371
RP25/A	0.0	0.0	0.0238	0.0335	0.0456	0.0665	0.0774	0.1156	0.1608	0.2084	1.6243
RP50/A	0.0	0.0	0.0265	0.0373	0.0508	0.0740	0.0862	0.1288	0.1792	0.2322	1.7508
RP100/A	0.0	0.0	0.0291	0.0410	0.0558	0.0814	0.0948	0.1415	0.1969	0.2552	1.8683
RP1000/A	0.0	0.0	0.0374	0.0527	0.0717	0.1046	0.1218	0.1819	0.2531	0.3279	2.2171
RP10000/A	0.0	0.0	0.0453	0.0638	0.0868	0.1266	0.1475	0.2203	0.3065	0.3972	2.5262
PMP/A	0.0	0.0	0.0913	0.1287	0.1751	0.2555	0.2975	0.4444	0.6183	0.8013	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF		STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A40 5679	0	MINERAL R S	4910	25	25N	03E		M	40.350	121.600	TEHAMA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.09	0.15	0.20	0.31	0.48	0.80	1.16	1.91	3.23	4.54	64.31
1941	0.20	0.20	0.21	0.25	0.47	0.86	1.15	2.17	3.95	6.09	71.92
1942	0.13	0.15	0.16	0.23	0.42	0.67	0.94	1.63	2.92	4.76	55.35
1943	0.16	0.20	0.22	0.32	0.63	1.09	1.56	2.98	5.21	6.67	48.62
1944	0.05	0.07	0.10	0.18	0.34	0.68	1.00	1.79	3.26	4.07	53.05
1945	0.06	0.10	0.15	0.29	0.45	0.87	1.24	2.12	3.35	5.81	61.31
1946	0.11	0.13	0.15	0.28	0.51	0.99	1.37	2.51	3.68	5.10	33.66
1947	0.06	0.10	0.15	0.27	0.54	1.01	1.46	2.45	3.63	5.25	42.68
1948	0.06	0.07	0.10	0.17	0.35	0.65	0.91	1.32	1.65	1.96	57.46
1949	0.25	0.42	0.51	0.54	0.67	0.69	0.77	1.04	1.72	1.80	26.60
1950	0.29	0.48	0.54	0.61	0.63	1.10	1.40	1.82	2.43	3.53	71.34
1951	0.18	0.26	0.27	0.33	0.47	0.91	1.15	1.55	3.21	4.57	53.75
1952	0.07	0.11	0.14	0.20	0.40	0.64	0.96	1.82	2.64	3.85	54.80
1953	0.22	0.22	0.22	0.27	0.54	1.00	1.22	2.04	3.41	5.84	50.12
1954	0.03	0.06	0.09	0.18	0.36	0.71	0.95	1.76	2.38	4.27	63.26
1955	0.15	0.25	0.30	0.37	0.74	0.88	1.21	1.82	2.70	4.59	62.24
1956	0.10	0.13	0.14	0.21	0.42	0.81	1.15	1.99	3.04	4.56	49.33
1957	0.06	0.14	0.20	0.30	0.54	0.92	1.26	2.23	4.15	6.74	64.43
1958	0.18	0.20	0.30	0.35	0.50	0.94	1.38	2.56	4.46	5.51	56.92
1959	0.13	0.18	0.20	0.25	0.46	0.90	1.35	2.33	2.80	3.38	36.23
1960	0.07	0.14	0.21	0.35	0.55	0.79	1.06	1.79	2.79	4.59	54.41
1961	0.24	0.33	0.46	0.80	0.88	0.93	0.93	1.28	2.52	3.22	39.20
1962	0.47	0.51	0.60	0.63	0.80	1.43	1.55	2.57	3.84	4.48	63.54
1963	0.21	0.23	0.25	0.34	0.60	1.10	1.40	2.35	3.58	4.93	52.97
1968	*****	*****	*****	*****	0.60	0.90	1.20	1.80	3.30	4.50	61.40
1969	*****	*****	*****	*****	0.60	0.90	1.30	2.40	3.10	4.60	74.70
1970	*****	*****	*****	*****	0.50	0.70	0.80	1.50	2.20	3.30	74.53
1971	*****	*****	*****	*****	0.50	0.80	1.10	2.10	3.30	4.30	43.10
1972	*****	*****	*****	*****	0.20	0.40	0.50	0.90	1.30	1.70	15.32
1974	*****	*****	0.30	0.40	0.60	0.90	1.30	2.50	4.40	6.50	61.40

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF		STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A40 5679	0	MINERAL R S	4910	25	25N	03E		M	40.350	121.600	TEHAMA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.19	0.23	0.32	0.49	0.91	1.10	1.87	2.94	4.26	53.07
5	0.19	0.25	0.31	0.42	0.65	1.08	1.47	2.50	3.93	5.69	66.68
10	0.22	0.29	0.36	0.50	0.76	1.26	1.71	2.91	4.57	6.61	74.86
20	0.25	0.33	0.41	0.56	0.86	1.42	1.93	3.29	5.16	7.47	81.69
25	0.26	0.34	0.42	0.58	0.89	1.47	2.00	3.40	5.34	7.73	83.74
40	0.28	0.38	0.43	0.59	0.90	1.50	2.04	3.46	5.43	7.86	87.86
50	0.29	0.38	0.46	0.64	0.98	1.63	2.21	3.75	5.90	8.54	89.74
100	0.31	0.41	0.51	0.70	1.07	1.78	2.41	4.10	6.44	9.31	95.31
200	0.34	0.45	0.55	0.76	1.16	1.92	2.61	4.43	6.96	10.07	100.57
1000	0.39	0.52	0.64	0.88	1.35	2.24	3.05	5.18	8.13	11.77	111.86
10000	0.47	0.63	0.77	1.06	1.62	2.69	3.65	6.20	9.75	14.11	126.52
PMP	0.93	1.23	1.51	2.09	3.19	5.29	7.18	12.20	19.17	27.74	290.36

MEAN	0.152	0.201	0.247	0.341	0.521	0.865	1.175	1.996	3.136	4.537	54.121
CLOCK HR. CORR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.456	1.318	1.336	1.575	0.400	0.478	0.201	-0.150	0.067	-0.489	-0.838
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.427 ; INTERCEPT (TIME=1 HOUR) =0.566 ; COEFFICIENT OF DETERMINATION = 0.978
1HR INTERCEPT / MEAN YR =0.01046 ; AVERAGE CALC CV / USED CV = 1.26

KURTOSIS	6.335	4.438	4.266	5.620	4.336	5.113	4.720	3.323	3.592	3.385	3.985
N	24	24	25	25	30	30	30	30	30	30	30
RECORD YEAR	1962	1962	1962	1961	1961	1962	1962	1963	1963	1957	1969
RECORD MAXIMUM	0.470	0.510	0.600	0.800	0.880	1.430	1.950	2.980	5.210	6.740	74.700
NORMILIZED MAX	3.196	2.499	2.420	2.981	2.590	2.919	2.798	1.973	2.411	1.678	1.463
CALC. COEF. VAR	0.657	0.614	0.568	0.452	0.267	0.224	0.236	0.250	0.274	0.289	0.260
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291

MEAN/A	0.0028	0.0037	0.0046	0.0063	0.0096	0.0160	0.0217	0.0369	0.0579	0.0838	1.0000
RP10/A	0.0041	0.0054	0.0066	0.0092	0.0140	0.0233	0.0316	0.0537	0.0844	0.1222	1.3832
RP25/A	0.0048	0.0063	0.0078	0.0107	0.0164	0.0272	0.0370	0.0628	0.0987	0.1429	1.5472
RP50/A	0.0053	0.0070	0.0086	0.0118	0.0181	0.0301	0.0408	0.0694	0.1090	0.1577	1.6580
RP100/A	0.0058	0.0076	0.0094	0.0129	0.0198	0.0328	0.0445	0.0757	0.1189	0.1721	1.7611
RP1000/A	0.0073	0.0096	0.0118	0.0163	0.0250	0.0415	0.0563	0.0956	0.1503	0.2174	2.0668
RP10000/A	0.0087	0.0116	0.0142	0.0196	0.0299	0.0497	0.0675	0.1146	0.1801	0.2606	2.3377
PMP/A	0.0171	0.0227	0.0279	0.0385	0.0589	0.0977	0.1327	0.2255	0.3543	0.5126	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	FRM	LATITUDE	LONGITUDE	COUNTY
RSN ORDER FUR										
A50 12P 14	ALMANOR CL 6	4900	27	29N	03E		M	40.344	121.631	TEHAMA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1969	0.09	0.15	0.20	0.34	0.63	0.90	1.16	2.06	3.48	4.67	55.06
1972	0.06	0.11	0.13	0.23	0.44	0.74	1.14	1.79	2.49	2.89	38.30
1973	0.05	0.08	0.13	0.25	0.40	0.70	0.99	1.72	2.73	4.51	47.82
1974	0.12	0.17	0.22	0.40	0.62	0.85	1.12	2.06	3.90	6.25	******
1975	0.09	0.15	0.20	0.32	0.49	0.80	1.15	1.55	2.77	4.56	46.54

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	FRM	LATITUDE	LONGITUDE	COUNTY
RSN ORDER FUR										
A50 12P 14	ALMANOR CL 6	4900	27	29N	03E		M	40.344	121.631	TEHAMA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.08	0.12	0.17	0.29	0.48	0.77	1.04	1.72	2.88	4.30	46.02
5	0.10	0.17	0.22	0.39	0.65	1.02	1.39	2.30	3.85	5.74	58.08
10	0.12	0.19	0.26	0.45	0.75	1.19	1.62	2.68	4.48	6.67	64.91
20	0.13	0.22	0.29	0.51	0.85	1.34	1.83	3.02	5.06	7.53	70.84
25	0.14	0.22	0.30	0.52	0.88	1.39	1.90	3.13	5.24	7.80	72.61
40	0.14	0.23	0.31	0.53	0.89	1.41	1.93	3.18	5.32	7.93	76.18
50	0.15	0.25	0.33	0.58	0.97	1.54	2.09	3.45	5.78	8.61	77.81
100	0.17	0.27	0.36	0.63	1.06	1.67	2.28	3.77	6.31	9.39	82.65
200	0.18	0.29	0.39	0.68	1.15	1.81	2.47	4.07	6.82	10.15	87.20
1000	0.21	0.34	0.46	0.80	1.34	2.12	2.88	4.76	7.97	11.87	97.00
10000	0.25	0.41	0.55	0.96	1.60	2.54	3.46	5.71	9.55	14.23	109.71
PMP	0.50	0.81	1.08	1.88	3.16	4.99	6.80	11.23	18.79	27.98	251.78
MEAN	0.082	0.132	0.176	0.308	0.516	0.816	1.112	1.836	3.072	4.576	46.930
CLOCK HR. CORR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.243	-0.736	-0.436	0.182	0.215	-0.537	-1.996	-0.098	0.717	-0.025	-0.215
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.267 ; INTERCEPT (TIME=1 HOUR) =0.500 ; COEFFICIENT OF DETERMINATION = 0.996
IHF INTERCEPT / MEAN YR =0.01065 ; AVERAGE CALC CV / USED CV = 0.61

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	5.932	5.883	4.158	5.541	4.366	4.544	10.082	5.078	5.382	8.294	11.884
N	5	5	5	5	5	5	5	5	5	5	4
RECORD YEAR	1974	1974	1974	1974	1969	1969	1969	1969	1974	1974	1969
RECORD MAXIMUM	0.120	0.170	0.220	0.400	0.630	0.900	1.160	2.060	3.900	6.250	55.060
NORMALIZED MAX	1.369	1.046	1.028	1.332	1.090	0.926	0.868	1.008	1.394	1.407	1.184
CALC. COEF. VAR	0.338	0.275	0.243	0.224	0.203	0.111	0.063	0.121	0.193	0.260	0.146
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0017	0.0028	0.0038	0.0066	0.0110	0.0174	0.0237	0.0391	0.0655	0.0975	1.0000
RP10/A	0.0025	0.0041	0.0055	0.0098	0.0160	0.0253	0.0345	0.0570	0.0954	0.1421	1.3832
RP25/A	0.0030	0.0048	0.0066	0.0112	0.0187	0.0296	0.0404	0.0667	0.1116	0.1662	1.5472
RP50/A	0.0033	0.0053	0.0071	0.0123	0.0207	0.0327	0.0446	0.0736	0.1232	0.1835	1.6580
RP100/A	0.0036	0.0058	0.0077	0.0135	0.0226	0.0357	0.0486	0.0803	0.1344	0.2001	1.7611
RP1000/A	0.0045	0.0073	0.0097	0.0170	0.0285	0.0451	0.0615	0.1015	0.1698	0.2529	2.0668
RP10000/A	0.0054	0.0087	0.0117	0.0204	0.0342	0.0541	0.0737	0.1216	0.2035	0.3032	2.3377
PMP/A	0.0107	0.0172	0.0229	0.0401	0.0672	0.1063	0.1449	0.2392	0.4003	0.5963	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 12R 1R	ALMANOR FR 1	5360	23	28N	05E		M	40.27R	121.386	TEHAMA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
	DURATION										
1962	0.06	0.10	0.11	0.15	0.32	0.59	0.80	1.27	1.75	2.25	42.62
1963	0.06	0.10	0.16	0.28	0.53	0.95	1.30	2.40	3.70	5.75	53.44
1964	0.04	0.08	0.09	0.17	0.27	0.54	0.79	1.34	2.09	2.72	28.38
1965	0.05	0.10	0.14	0.28	0.53	0.78	1.06	2.01	3.39	5.74	54.37
1966	0.08	0.11	0.15	0.25	0.38	0.56	0.66	1.05	1.82	2.43	39.62
1967	0.10	0.11	0.12	0.16	0.31	0.50	0.73	1.21	1.98	3.67	51.29
1973	*****	*****	*****	*****	1.11	1.28	1.37	1.58	1.72	2.29	41.29
1974	0.10	0.16	0.18	0.22	0.36	0.54	0.72	1.22	1.80	3.19	38.87
1975	0.03	0.06	0.11	0.18	0.30	0.56	0.73	1.14	1.69	2.83	44.83

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A50 12R 1R	ALMANOR FR 1	5360	23	28N	05E		M	40.27R	121.386	TEHAMA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS M=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.06	0.10	0.12	0.20	0.43	0.66	0.85	1.38	2.08	3.22	43.05
5	0.08	0.13	0.17	0.26	0.57	0.88	1.14	1.84	2.78	4.30	54.33
10	0.09	0.15	0.19	0.31	0.67	1.02	1.32	2.14	3.23	5.00	60.72
20	0.11	0.17	0.22	0.35	0.75	1.15	1.49	2.42	3.65	5.65	66.26
25	0.11	0.17	0.23	0.36	0.78	1.19	1.55	2.50	3.78	5.86	67.92
40	0.11	0.18	0.23	0.37	0.79	1.21	1.57	2.55	3.84	5.94	71.26
50	0.12	0.19	0.25	0.40	0.86	1.32	1.71	2.76	4.17	6.45	72.79
100	0.13	0.21	0.27	0.43	0.94	1.44	1.86	3.01	4.55	7.04	77.31
200	0.14	0.23	0.29	0.47	1.01	1.55	2.01	3.26	4.92	7.61	81.57
1000	0.17	0.27	0.34	0.55	1.18	1.82	2.35	3.81	5.75	8.90	90.73
10000	0.20	0.32	0.41	0.66	1.42	2.18	2.82	4.57	6.89	10.66	102.62
PMP	0.40	0.63	0.81	1.29	2.79	4.28	5.54	8.98	13.55	20.97	236.52
MEAN	0.065	0.102	0.132	0.211	0.457	0.700	0.907	1.469	2.216	3.430	43.899
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.286	0.831	0.225	0.302	2.323	1.688	1.070	1.410	1.550	1.212	-0.390
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.239 ; INTERCEPT (TIME=1 HOUR) =0.404 ; COEFFICIENT OF DETERMINATION = 0.939
1HR INTERCEPT / MEAN YR =0.00919 : AVERAGE CALC CV / USED CV = 1.01

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	3.237	6.530	3.540	2.656	9.354	6.218	3.616	5.101	4.843	4.069	4.182
N	8	8	8	8	9	9	9	9	9	9	9
RECORD YEAR	1967	1974	1974	1963	1973	1973	1973	1963	1963	1963	1965
RECORD MAXIMUM	0.100	0.160	0.180	0.280	1.110	1.280	1.370	2.400	3.700	5.750	54.750
NORMALIZED MAX	1.337	2.006	1.577	1.283	2.486	2.216	1.727	2.056	1.932	1.673	1.300
CALC. COEF. VAR	0.403	0.280	0.227	0.254	0.576	0.374	0.296	0.308	0.347	0.404	0.190
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0015	0.0023	0.0030	0.0048	0.0104	0.0159	0.0207	0.0335	0.0505	0.0781	1.0000
RP10/A	0.0022	0.0034	0.0044	0.0070	0.0152	0.0232	0.0301	0.0488	0.0735	0.1139	1.3832
RP25/A	0.0025	0.0040	0.0051	0.0082	0.0177	0.0272	0.0352	0.0570	0.0860	0.1332	1.5472
RP50/A	0.0028	0.0044	0.0057	0.0091	0.0196	0.0300	0.0389	0.0630	0.0950	0.1470	1.6580
RP100/A	0.0030	0.0048	0.0062	0.0099	0.0214	0.0327	0.0424	0.0687	0.1036	0.1604	1.7611
RP1000/A	0.0038	0.0061	0.0078	0.0125	0.0270	0.0414	0.0536	0.0868	0.1309	0.2027	2.0668
RP10000/A	0.0046	0.0073	0.0094	0.0150	0.0323	0.0496	0.0642	0.1040	0.1569	0.2429	2.3377
PMP/A	0.0091	0.0143	0.0185	0.0294	0.0636	0.0975	0.1263	0.2046	0.3086	0.4778	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RCN ORDER CUM FAC	YEAR	C	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RNG	LATITUDE	LONGITUDE	COUNTY
			CORRAL CREEK	2600	6	07N	33W		W	41.083	122.700	TRINITY

W=MINUTES,H=HOURS,D=DAYS,C W=CALENDAR YEAR,W W=WATER YEAR,S W=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
	5W	10W	15W	30W	1H	2H	3H	6H	12H	24H	C-YR
YEAR											
1941	*****	*****	0.17	0.30	0.47	0.69	0.87	1.55	2.71	4.20	******
1942	*****	*****	0.20	0.37	0.70	0.94	1.20	1.99	3.31	4.46	55.06
1943	*****	*****	0.50	0.77	0.59	0.61	1.05	1.73	2.99	3.60	61.10
1944	*****	*****	0.21	0.25	0.37	0.60	0.86	1.69	3.02	5.16	52.55
1945	*****	*****	0.15	0.20	0.30	0.44	0.85	1.53	3.07	4.33	49.66
1946	*****	*****	0.06	0.11	0.25	0.33	0.45	0.86	1.37	1.85	61.70
1947	*****	*****	*****	*****	0.40	0.70	1.10	1.70	3.30	4.00	56.70
1948	*****	*****	*****	*****	0.50	0.80	1.00	2.00	3.70	4.30	68.70
1949	*****	*****	*****	*****	1.10	1.40	1.70	3.00	4.40	5.80	65.00
1950	*****	*****	*****	*****	1.00	1.00	1.60	2.00	2.90	4.00	74.60
1951	*****	*****	*****	*****	0.40	0.70	0.90	1.60	3.70	3.90	46.10
1952	*****	*****	*****	*****	0.40	0.60	0.70	1.10	1.60	2.20	51.00
1953	*****	*****	*****	*****	0.40	0.60	0.90	1.40	2.40	4.70	88.60
1954	*****	*****	0.20	0.20	0.40	0.80	1.20	2.10	4.00	6.70	63.10

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RCN ORDER CUM FAC	YEAR	C	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RNG	LATITUDE	LONGITUDE	COUNTY
			CORRAL CREEK	2600	6	07N	33W		W	41.083	122.700	TRINITY

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION (DAYS -HOURS MINUTES)

RETURN PERIOD IN YEARS	5W	10W	15W	30W	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.20	0.26	0.57	0.75	1.00	1.46	2.77	3.94	59.63
5	0.0	0.0	0.26	0.47	0.77	1.01	1.35	2.23	3.72	5.30	74.24
10	0.0	0.0	0.31	0.46	0.90	1.18	1.58	2.60	4.34	6.18	82.41
20	0.0	0.0	0.35	0.62	1.02	1.33	1.79	2.95	4.91	7.00	88.46
25	0.0	0.0	0.36	0.64	1.06	1.38	1.85	3.04	5.06	7.25	91.41
50	0.0	0.0	0.37	0.65	1.09	1.40	1.88	3.11	5.15	7.37	95.58
75	0.0	0.0	0.40	0.69	1.17	1.53	2.04	3.38	5.63	8.02	97.83
100	0.0	0.0	0.44	0.55	1.29	1.67	2.23	3.69	6.15	8.76	103.61
200	0.0	0.0	0.47	0.71	1.35	1.80	2.42	3.99	6.66	9.48	109.05
1000	0.0	0.0	0.55	0.83	1.62	2.11	2.83	4.68	7.79	11.10	120.76
10000	0.0	0.0	0.67	1.00	1.94	2.54	3.40	5.62	9.36	13.33	135.96
PWP	0.0	0.0	1.32	1.97	3.94	5.91	6.72	11.10	18.49	26.33	305.78
MEAN	0.0	0.0	0.210	0.314	0.613	0.800	1.072	1.771	2.952	4.203	60.913
CLICK MS. CORR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED CORR	0.0	0.0	1.892	1.892	1.196	1.277	0.930	0.671	-0.341	-0.007	1.146
REGIONAL CORR	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
CORR USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF ERC INTENSITY / LOG TIME = -.339 ; INTERCEPT (TIME=1 HOUR) =0.630 ; COEFFICIENT OF DETERMINATION = 0.943
1HR INTERCEPT / MEAN YR =0.00871 ; AVERAGE CALC CV / USED CV = 1.41

KURTOSIS	0.0	0.0	8.602	8.305	4.072	6.878	4.251	5.558	4.313	4.259	5.229
N	0	0	7	7	14	14	14	14	14	14	13
RECORD YEAR	0	0	1963	1963	1949	1949	1946	1949	1946	1974	1973
RECORD MAXIMUM	0.0	0.0	0.500	0.775	1.100	1.400	1.700	3.000	4.400	6.700	88.600
MOMENTUM MAX	0.0	0.0	2.067	2.089	1.432	2.297	1.647	2.343	1.780	2.058	2.416
CALC. CORR. VAR	0.0	0.0	0.488	0.491	0.486	0.325	0.317	0.294	0.276	0.296	0.188
REGN. CORR. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.269
USED CORR. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.269

MEAN/A	0.0	0.0	0.0034	0.0052	0.0101	0.0131	0.0176	0.0291	0.0485	0.0690	1.0000
5YR/A	0.0	0.0	0.0051	0.0076	0.0148	0.0193	0.0259	0.0428	0.0713	0.1015	1.3529
25YR/A	0.0	0.0	0.0060	0.0089	0.0174	0.0227	0.0304	0.0502	0.0836	0.1190	1.5039
50YR/A	0.0	0.0	0.0066	0.0098	0.0192	0.0251	0.0336	0.0555	0.0924	0.1316	1.6060
100YR/A	0.0	0.0	0.0072	0.0107	0.0210	0.0274	0.0367	0.0606	0.1010	0.1437	1.7009
1000YR/A	0.0	0.0	0.0093	0.0138	0.0266	0.0347	0.0464	0.0768	0.1280	0.1822	1.9925
10000YR/A	0.0	0.0	0.0109	0.0166	0.0319	0.0417	0.0558	0.0922	0.1537	0.2188	2.2320
PWP/A	0.0	0.0	0.0216	0.0327	0.0631	0.0823	0.1103	0.1822	0.3036	0.4323	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RWY	LATITUDE	LONGITUDE	COUNTY
RSN ORDER SUE										
R40 4191 0	HYAPON	1260	25	03N	06E		H	40.617	123.467	TRINITY

M=MINUTES,H=HOURS,D=DAYS,C Y=CALENDAR YEAR,W Y=WATER YEAR,F Y=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.05	0.06	0.09	0.15	0.33	0.45	0.63	1.39	2.35	3.05	******
1941	0.07	0.12	0.15	0.24	0.39	0.61	0.77	1.44	2.54	4.27	57.07
1942	0.05	0.09	0.12	0.20	0.31	0.53	0.78	1.45	1.70	2.37	47.05
1943	0.06	0.13	0.24	0.23	0.40	0.70	1.12	1.85	2.59	5.14	35.14
1944	0.06	0.09	0.11	0.18	0.28	0.56	0.53	1.06	1.31	2.07	35.86
1945	0.05	0.10	0.12	0.19	0.34	0.64	0.73	1.18	2.04	3.23	47.70
1946	0.37	0.61	0.62	0.62	0.62	0.62	0.79	1.26	2.00	3.38	24.87
1947	0.05	0.07	0.11	0.20	0.39	0.60	0.84	2.44	2.44	2.87	27.53
1948	0.46	0.75	0.90	0.92	0.94	0.98	1.06	1.26	1.47	1.85	44.30
1949	0.04	0.06	0.11	0.18	0.31	0.55	0.65	0.96	1.30	1.95	23.47
1950	0.06	0.10	0.13	0.24	0.37	0.61	0.86	1.60	2.85	4.45	61.21
1951	0.05	0.06	0.09	0.15	0.35	0.52	0.80	1.71	2.86	3.40	50.15
1952	0.10	0.12	0.17	0.23	0.30	0.55	0.77	1.21	1.52	3.18	48.51
1953	0.06	0.15	0.17	0.21	0.41	0.65	0.91	1.77	3.13	4.64	44.46
1954	0.06	0.14	0.20	0.31	0.39	0.54	0.75	1.23	2.19	3.18	48.33
1955	0.08	0.14	0.15	0.17	0.32	0.58	0.86	1.65	3.17	4.52	49.70
1956	0.09	0.12	0.17	0.27	0.40	0.67	0.99	1.71	2.62	3.73	40.17
1957	0.05	0.09	0.14	0.27	0.44	0.72	0.88	1.55	2.39	3.85	52.62
1958	0.14	0.22	0.26	0.34	0.45	0.66	0.76	1.37	1.85	2.72	53.12
1959	0.18	0.22	0.25	0.28	0.37	0.47	0.52	1.02	1.87	2.53	35.17
1960	0.11	0.14	0.18	0.25	0.38	0.61	0.88	1.41	2.47	3.55	45.98
1961	0.05	0.05	0.13	0.20	0.33	0.56	0.70	1.11	1.85	2.31	36.87
1962	0.13	0.15	0.27	0.35	0.48	0.78	1.04	1.78	2.61	3.27	41.13
1963	0.07	0.10	0.12	0.20	0.36	0.64	0.76	1.51	2.24	3.1-	43.57
1964	0.07	0.11	0.15	0.28	0.55	0.88	1.45	2.67	4.74	5.05	55.06
1965	0.03	0.06	0.08	0.15	0.27	0.47	0.73	1.16	1.66	2.15	34.10
1966	0.43	0.65	0.65	0.66	0.66	0.66	0.51	1.52	2.51	4.62	40.96
1967	0.05	0.10	0.13	0.20	0.29	0.56	0.73	1.36	2.07	2.65	36.42
1968	0.10	0.14	0.17	0.23	0.35	0.77	1.09	1.54	2.29	3.14	51.45
1969	0.05	0.10	0.14	0.25	0.34	0.63	0.88	1.59	2.71	3.54	46.55
1970	0.11	0.13	0.14	0.22	0.34	0.62	0.85	1.74	2.53	3.36	56.57
1971	0.06	0.05	0.12	0.19	0.36	0.64	0.86	1.38	2.16	3.08	39.60
1972	0.06	0.05	0.12	0.20	0.34	0.66	0.84	1.60	1.81	2.82	40.05
1973	*****	*****	*****	*****	0.31	0.56	0.64	1.02	1.53	2.24	52.20
1974	*****	*****	*****	*****	0.40	0.67	0.81	1.24	2.00	3.64	35.43

PRECIPITATION DEPTH--DURATION--FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RWY	LATITUDE	LONGITUDE	COUNTY
RSN ORDER SUE										
R40 4191 0	HYAPON	1260	25	03N	06E		H	40.617	123.467	TRINITY

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION (DAYS HOURS MINUTES)

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.10	0.15	0.19	0.25	0.37	0.61	0.81	1.40	2.15	3.19	42.73
5	0.14	0.21	0.25	0.34	0.50	0.82	1.09	1.88	2.88	4.30	53.02
10	0.16	0.24	0.29	0.40	0.58	0.95	1.27	2.19	3.37	5.01	58.56
20	0.18	0.27	0.33	0.45	0.66	1.08	1.44	2.49	3.82	5.67	63.32
25	0.19	0.28	0.35	0.47	0.69	1.12	1.49	2.57	3.95	5.87	65.43
40	0.18	0.29	0.35	0.45	0.70	1.13	1.52	2.62	4.02	5.97	68.45
50	0.21	0.31	0.38	0.52	0.76	1.23	1.65	2.85	4.37	6.49	69.87
100	0.23	0.34	0.42	0.57	0.83	1.35	1.80	3.11	4.78	7.09	74.00
200	0.24	0.37	0.45	0.61	0.90	1.46	1.95	3.36	5.17	7.68	77.88
1000	0.29	0.44	0.53	0.72	1.05	1.71	2.25	3.94	6.05	8.99	86.25
10000	0.34	0.52	0.63	0.86	1.26	2.05	2.75	4.73	7.27	10.80	97.10
PMP	0.68	1.03	1.25	1.70	2.49	4.05	5.43	8.35	14.36	21.33	218.40
MEAN	0.108	0.165	0.200	0.272	0.397	0.647	0.866	1.492	2.293	3.405	43.506
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.601	2.771	2.927	2.923	2.712	1.729	1.730	1.451	1.406	2.011	-0.275
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.436 ; INTERCEPT (TIME=1 HOUR) =0.433 ; COEFFICIENT OF DETERMINATION = 0.990
1HR INTERCEPT / MEAN VS =0.00004 ; AVERAGE CALC CV / USED CV = 1.65

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	9.096	9.819	11.367	11.528	12.086	6.993	8.248	6.432	7.613	8.714	3.000
N	33	33	33	33	35	35	35	35	35	35	34
RECORD YEAR	1948	1948	1948	1948	1948	1948	1964	1964	1964	1964	1950
RECORD MAXIMUM	0.460	0.750	0.900	0.920	0.940	0.980	1.450	2.670	4.740	5.250	61.210
NORMALIZED MAX	3.330	3.487	3.930	4.037	4.234	3.082	3.527	3.313	3.736	4.032	1.946
CALC. COEF. VAR	0.576	1.018	0.881	0.891	0.322	0.167	0.176	0.238	0.286	0.255	0.200
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0025	0.0038	0.0046	0.0062	0.0091	0.0149	0.0199	0.0343	0.0527	0.0783	1.0000
RP10/A	0.0037	0.0056	0.0069	0.0092	0.0134	0.0219	0.0293	0.0504	0.0775	0.1151	1.3529
RP25/A	0.0043	0.0065	0.0079	0.0108	0.0158	0.0256	0.0343	0.0591	0.0909	0.1350	1.5039
RP50/A	0.0047	0.0072	0.0088	0.0119	0.0174	0.0283	0.0380	0.0654	0.1005	0.1493	1.6060
RP100/A	0.0052	0.0079	0.0096	0.0130	0.0190	0.0310	0.0415	0.0714	0.1098	0.1630	1.7036
RP1000/A	0.0066	0.0100	0.0121	0.0165	0.0241	0.0392	0.0526	0.0905	0.1391	0.2066	1.9525
RP10000/A	0.0079	0.0120	0.0146	0.0195	0.0290	0.0471	0.0631	0.1087	0.1671	0.2481	2.2320
PMP/A	0.0156	0.0237	0.0288	0.0391	0.0572	0.0931	0.1247	0.2145	0.3301	0.4903	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
F40 9023 0	TRINITY CENTER	2295	05	36N	07E		M	41.000	122.683	TRINITY

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	0.23	0.30	0.35	0.42	0.61	0.77	1.02	1.93	3.49	5.58	******
1942	0.31	0.42	0.55	0.84	1.06	1.06	1.07	1.33	2.07	2.68	50.57
1943	0.40	0.65	0.75	1.13	1.17	1.25	1.25	1.25	2.04	3.75	31.73
1944	0.20	0.35	0.45	0.70	0.70	0.84	0.90	1.03	1.63	2.20	41.83
1945	0.20	0.30	0.44	0.52	0.60	0.72	0.82	1.26	2.30	4.10	58.94
1946	0.12	0.13	0.14	0.22	0.37	0.68	0.85	1.39	1.71	2.67	30.34
1947	0.12	0.15	0.19	0.24	0.42	0.72	0.98	1.72	2.74	4.59	36.87
1948	0.07	0.10	0.15	0.28	0.38	0.68	0.97	1.44	2.20	3.61	51.68
1949	0.13	0.22	0.30	0.41	0.54	0.72	0.72	1.18	1.67	2.31	35.53
1950	0.26	0.37	0.48	0.81	1.02	1.03	1.03	1.92	2.99	5.06	65.09
1951	0.31	0.48	0.65	0.85	1.20	1.40	1.40	1.43	2.21	3.25	58.80
1952	0.07	0.10	0.12	0.18	0.34	0.67	0.90	1.60	2.51	3.53	54.45
1953	0.10	0.14	0.16	0.26	0.35	0.66	0.86	1.40	2.36	3.94	46.54
1954	0.14	0.15	0.15	0.22	0.30	0.39	0.59	1.00	1.43	3.66	57.30
1955	0.25	0.32	0.35	0.47	0.48	0.90	1.32	2.40	4.25	5.25	18.00
1956	0.06	0.08	0.10	0.16	0.29	0.58	0.85	1.54	2.72	3.90	33.09
1957	0.15	0.18	0.19	0.25	0.37	0.58	0.82	1.42	2.03	3.00	52.72
1958	0.32	0.41	0.47	0.58	0.65	0.69	0.80	1.20	1.89	2.88	58.39
1959	0.13	0.20	0.28	0.30	0.34	0.56	0.69	1.20	2.18	2.99	33.62
1960	*****	*****	*****	*****	0.32	0.60	0.90	1.55	2.48	2.99	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
F40 9023 0	TRINITY CENTER	2295	05	36N	07E		M	41.000	122.683	TRINITY

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.18	0.25	0.31	0.44	0.54	0.73	0.88	1.37	2.20	3.37	44.50
5	0.24	0.34	0.42	0.59	0.73	0.98	1.18	1.84	2.96	4.54	55.22
10	0.28	0.39	0.49	0.68	0.85	1.14	1.38	2.15	3.45	5.29	61.29
20	0.31	0.44	0.55	0.77	0.97	1.29	1.56	2.43	3.90	5.99	66.56
25	0.32	0.46	0.57	0.80	1.00	1.34	1.62	2.52	4.04	6.21	68.14
40	0.33	0.47	0.58	0.82	1.02	1.36	1.64	2.56	4.11	6.31	71.31
50	0.36	0.51	0.63	0.89	1.11	1.48	1.79	2.78	4.47	6.86	72.76
100	0.39	0.55	0.69	0.97	1.21	1.61	1.95	3.04	4.88	7.49	77.06
200	0.42	0.60	0.74	1.05	1.31	1.75	2.11	3.29	5.29	8.11	81.11
1000	0.49	0.70	0.87	1.23	1.53	2.05	2.47	3.85	6.19	9.50	89.82
10000	0.59	0.84	1.05	1.48	1.84	2.46	2.97	4.63	7.43	11.41	101.12
PMP	1.17	1.67	2.07	2.91	3.63	4.86	5.87	9.14	14.69	22.54	227.43
MEAN	0.187	0.266	0.330	0.465	0.580	0.775	0.937	1.458	2.344	3.597	45.305
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.584	0.872	0.665	0.942	1.194	1.193	0.787	1.241	1.370	0.613	-0.383
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.561 ; INTERCEPT (TIME=1 HOUR) =0.587 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.01295 ; AVERAGE CALC CV / USED CV = 1.37

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	2.797	3.798	2.959	3.373	3.585	4.628	3.883	5.308	5.753	3.083	2.668
N	19	19	19	19	20	20	20	20	20	20	18
RECORD YEAR	1943	1943	1943	1943	1951	1951	1951	1955	1955	1941	1950
RECORD MAXIMUM	0.400	0.650	0.750	1.130	1.290	1.400	1.400	2.400	4.250	5.580	65.090
NORMILIZED MAX	2.149	2.498	2.193	2.366	2.269	2.549	2.263	2.802	2.858	2.077	1.514
CALC. COEF. VAR	0.528	0.579	0.583	0.604	0.540	0.316	0.218	0.230	0.284	0.265	0.288
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0041	0.0059	0.0073	0.0103	0.0128	0.0171	0.0207	0.0322	0.0517	0.0794	1.0000
RP10/A	0.0061	0.0086	0.0107	0.0151	0.0188	0.0252	0.0304	0.0474	0.0761	0.1168	1.3529
RP25/A	0.0071	0.0101	0.0126	0.0177	0.0221	0.0295	0.0357	0.0556	0.0893	0.1370	1.5039
RP50/A	0.0079	0.0112	0.0139	0.0196	0.0244	0.0326	0.0294	0.0614	0.0987	0.1514	1.6060
RP100/A	0.0086	0.0122	0.0152	0.0214	0.0267	0.0356	0.0431	0.0671	0.1078	0.1654	1.7009
RP1000/A	0.0109	0.0155	0.0192	0.0271	0.0338	0.0452	0.0546	0.0851	0.1366	0.2096	1.9825
RP10000/A	0.0131	0.0186	0.0231	0.0326	0.0406	0.0542	0.0656	0.1021	0.1641	0.2518	2.2320
PMP/A	0.0259	0.0368	0.0456	0.0643	0.0802	0.1072	0.1296	0.2018	0.3241	0.4974	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E40 9490 0	WEAVERVILLE	2050	12	33N	10W		M	40.733	122.933	TRINITY

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	*****	*****	0.10	0.18	0.32	0.60	0.88	1.55	2.85	4.87	******
1942	*****	*****	0.13	0.19	0.41	0.55	0.67	0.97	1.50	2.10	38.29
1943	*****	*****	0.11	0.18	0.33	0.63	0.91	1.49	2.41	4.11	28.46
1944	*****	*****	0.37	0.41	0.45	0.53	0.64	0.97	1.28	1.50	30.08
1945	*****	*****	0.12	0.21	0.32	0.51	0.63	1.05	1.46	2.50	42.26
1946	*****	*****	0.11	0.16	0.25	0.49	0.67	1.13	1.91	2.85	22.66
1947	*****	*****	0.14	0.22	0.35	0.61	0.79	1.34	2.22	2.71	27.01
1948	0.20	0.29	0.32	0.33	0.35	0.56	0.66	0.97	1.20	1.95	38.41
1949	0.26	0.49	0.65	0.87	0.93	1.02	1.03	1.17	1.50	1.98	22.76
1950	0.08	0.11	0.14	0.24	0.40	0.58	0.67	1.30	2.47	3.60	50.97
1951	0.04	0.08	0.10	0.15	0.28	0.39	0.59	1.10	1.53	2.22	46.63
1952	*****	*****	*****	*****	0.42	0.56	0.66	0.96	1.56	2.64	45.66
1953	0.05	0.10	0.13	0.26	0.35	0.52	0.65	1.03	2.02	3.10	39.95
1954	*****	*****	0.10	0.15	0.24	0.44	0.64	1.26	2.34	3.42	47.01
1955	*****	*****	0.12	0.20	0.35	0.50	0.92	1.72	2.82	3.58	37.06
1956	*****	*****	0.11	0.21	0.37	0.62	0.93	1.50	2.31	3.10	32.99
1957	*****	*****	0.13	0.20	0.31	0.51	0.76	1.25	2.24	3.33	43.77
1958	*****	*****	0.72	0.84	0.84	0.86	0.86	1.34	2.00	2.92	44.62
1959	*****	*****	0.07	0.13	0.25	0.47	0.67	1.04	1.54	2.25	26.87
1960	*****	*****	0.11	0.22	0.43	0.58	0.74	1.22	1.81	2.26	39.53
1961	*****	*****	0.19	0.25	0.33	0.43	0.52	0.92	1.57	2.10	30.86
1962	*****	*****	0.32	0.35	0.36	0.44	0.93	1.60	2.45	3.02	32.47
1963	*****	*****	0.36	0.41	0.48	0.51	0.69	1.27	2.03	2.40	36.30
1964	*****	*****	0.16	0.30	0.49	0.55	0.73	1.40	2.45	3.80	38.92
1965	*****	*****	0.12	0.22	0.30	0.59	0.78	1.10	1.44	1.70	27.13
1966	*****	*****	0.16	0.28	0.39	0.51	0.52	0.65	0.87	0.98	33.13
1967	*****	*****	0.31	0.31	0.39	0.65	0.94	1.22	1.33	1.45	34.13
1968	*****	*****	0.16	0.22	0.36	0.51	0.68	1.11	1.71	2.25	42.09
1969	*****	*****	0.26	0.27	0.33	0.45	0.61	1.11	1.54	2.82	42.84
1970	*****	*****	0.13	0.18	0.30	0.55	0.76	1.43	2.21	3.03	51.22
1971	*****	*****	0.10	0.15	0.30	0.39	0.62	1.06	1.74	3.19	31.03
1972	*****	*****	0.10	0.17	0.35	0.44	0.49	0.91	1.39	1.96	39.29
1973	*****	*****	*****	*****	0.25	0.49	0.56	0.89	1.50	2.33	47.79
1974	*****	*****	*****	*****	0.29	0.55	0.77	1.40	2.67	4.66	40.23

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
E40 9490 0	WEAVERVILLE	2050	12	33N	10W		M	40.733	122.933	TRINITY

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.20	0.19	0.26	0.35	0.52	0.67	1.11	1.76	2.55	36.68
5	0.16	0.27	0.25	0.34	0.48	0.70	0.90	1.50	2.37	3.44	45.52
10	0.19	0.31	0.29	0.40	0.56	0.81	1.05	1.75	2.76	4.01	50.52
20	0.21	0.36	0.33	0.45	0.63	0.92	1.19	1.98	3.13	4.54	54.87
25	0.22	0.37	0.34	0.47	0.65	0.95	1.23	2.05	3.24	4.70	56.17
40	0.22	0.38	0.35	0.48	0.66	0.97	1.25	2.09	3.30	4.78	58.78
50	0.24	0.41	0.38	0.52	0.72	1.05	1.36	2.27	3.58	5.20	59.98
100	0.26	0.45	0.41	0.57	0.79	1.15	1.49	2.48	3.91	5.69	63.52
200	0.28	0.48	0.45	0.62	0.85	1.25	1.61	2.68	4.24	6.15	66.86
1000	0.33	0.57	0.52	0.72	1.00	1.46	1.88	3.14	4.96	7.20	74.04
10000	0.40	0.68	0.63	0.87	1.20	1.75	2.26	3.77	5.96	8.64	83.35
PMP	0.79	1.34	1.24	1.71	2.37	3.46	4.47	7.45	11.77	17.08	187.48
MEAN	0.126	0.214	0.198	0.273	0.379	0.553	0.714	1.189	1.879	2.726	37.346
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.717	1.260	2.248	2.730	2.788	2.155	0.295	0.203	0.240	0.493	-0.123
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.545 ; INTERCEPT (TIME=1 HOUR) =0.403 ; COEFFICIENT OF DETERMINATION = 0.983
1HR INTERCEPT / MEAN YR =0.01080 ; AVERAGE CALC CV / USED CV = 1.55

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.946	7.017	8.105	10.675	11.641	9.804	2.645	3.050	2.395	3.468	2.421
N	5	5	31	31	34	34	34	34	34	34	33
RECORD YEAR	1949	1949	1958	1949	1949	1949	1949	1955	1941	1941	1970
RECORD MAXIMUM	0.260	0.490	0.720	0.870	0.930	1.020	1.030	1.720	2.850	4.870	51.220
NORMILIZED MAX	1.362	1.569	3.362	3.485	3.844	3.871	2.161	2.252	1.934	2.440	1.768
CALC. COEF. VAR	0.781	0.822	0.782	0.628	0.379	0.218	0.205	0.198	0.267	0.322	0.210
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0034	0.0057	0.0053	0.0073	0.0101	0.0148	0.0191	0.0318	0.0503	0.0730	1.0000
RP10/A	0.0050	0.0084	0.0078	0.0107	0.0149	0.0218	0.0281	0.0468	0.0740	0.1073	1.3529
RP25/A	0.0058	0.0099	0.0092	0.0126	0.0175	0.0255	0.0330	0.0549	0.0868	0.1259	1.5039
RP50/A	0.0064	0.0109	0.0101	0.0139	0.0193	0.0282	0.0365	0.0607	0.0959	0.1392	1.6060
RP100/A	0.0070	0.0119	0.0111	0.0152	0.0211	0.0308	0.0398	0.0663	0.1048	0.1521	1.7009
RP1000/A	0.0089	0.0151	0.0140	0.0193	0.0268	0.0391	0.0505	0.0841	0.1328	0.1927	1.9825
RP10000/A	0.0107	0.0182	0.0168	0.0232	0.0321	0.0469	0.0606	0.1010	0.1595	0.2314	2.2320
PMP/A	0.0211	0.0359	0.0333	0.0458	0.0635	0.0927	0.1197	0.1995	0.3151	0.4573	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
F60 4690 0	LAKE MOUNTAIN	3170	21	05S	07E		H	40.017	123.400	TRINITY

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1944	0.10	0.18	0.25	0.39	0.56	0.85	0.97	1.53	1.93	2.92	49.51
1945	0.18	0.22	0.25	0.27	0.35	0.68	0.91	1.13	2.00	3.33	62.83
1946	0.04	0.08	0.12	0.20	0.40	0.70	0.97	1.64	2.47	3.64	32.21
1947	0.07	0.14	0.18	0.23	0.39	0.76	1.05	1.65	2.58	4.33	38.73
1948	0.10	0.18	0.26	0.44	0.48	0.51	0.68	1.19	1.82	2.65	59.95
1949	0.09	0.15	0.20	0.26	0.37	0.65	0.86	1.39	1.75	2.71	32.62
1950	0.22	0.37	0.44	0.57	0.61	0.85	1.09	1.77	2.50	5.11	68.34
1951	0.08	0.12	0.15	0.23	0.43	0.63	0.86	1.68	2.56	5.12	64.21
1952	0.15	0.17	0.20	0.26	0.40	0.56	0.84	1.59	2.66	3.40	56.80
1953	0.10	0.13	0.17	0.27	0.45	0.80	1.00	1.50	2.35	3.62	59.65
1954	0.10	0.11	0.12	0.24	0.41	0.54	0.72	1.44	2.48	4.46	65.90
1955	0.09	0.15	0.20	0.34	0.64	1.24	1.60	2.95	4.54	6.43	55.38
1956	0.08	0.13	0.15	0.25	0.44	0.75	1.05	1.66	2.43	3.70	53.40
1957	0.15	0.17	0.24	0.35	0.51	0.73	1.09	1.69	2.58	4.03	66.34
1958	0.34	0.48	0.60	0.77	0.83	0.85	1.02	1.81	2.74	3.45	69.42
1959	0.10	0.14	0.16	0.25	0.38	0.57	0.89	1.53	2.11	2.83	38.13
1960	0.05	0.09	0.12	0.22	0.44	0.80	1.10	1.90	2.92	4.53	57.55
1961	0.25	0.43	0.61	0.77	0.87	0.90	0.92	1.24	2.08	2.54	48.07
1962	0.12	0.24	0.35	0.57	0.87	1.09	1.60	2.39	3.33	4.50	52.43
1963	0.10	0.16	0.20	0.31	0.58	0.95	1.41	2.46	3.52	4.36	53.59
1964	0.14	0.24	0.31	0.42	0.71	1.39	1.75	2.94	5.21	9.18	69.57
1965	0.12	0.14	0.15	0.21	0.33	0.57	0.77	1.18	1.93	2.87	44.68
1966	0.09	0.15	0.19	0.27	0.47	0.72	0.90	1.76	2.81	4.72	52.94
1967	0.39	0.43	0.44	0.47	0.59	0.90	1.13	1.56	1.84	3.00	51.62
1968	0.11	0.16	0.20	0.32	0.43	0.69	1.04	1.79	2.83	4.72	64.99
1969	0.07	0.12	0.17	0.29	0.53	0.81	0.94	1.14	1.99	3.60	60.65

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
F60 4690 0	LAKE MOUNTAIN	3170	21	05S	07E		H	40.017	123.400	TRINITY

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.18	0.23	0.33	0.48	0.74	0.98	1.60	2.46	3.81	54.00
5	0.17	0.25	0.31	0.44	0.65	0.99	1.32	2.16	3.31	5.13	67.01
10	0.19	0.29	0.36	0.52	0.76	1.16	1.54	2.52	3.86	5.98	74.38
20	0.22	0.33	0.41	0.59	0.86	1.31	1.74	2.85	4.36	6.77	80.77
25	0.23	0.34	0.43	0.61	0.89	1.36	1.81	2.95	4.52	7.02	82.69
40	0.23	0.34	0.44	0.62	0.91	1.38	1.84	3.00	4.60	7.14	86.54
50	0.25	0.37	0.47	0.67	0.99	1.50	2.00	3.27	5.00	7.76	88.30
100	0.28	0.41	0.52	0.73	1.08	1.64	2.18	3.57	5.46	8.47	93.52
200	0.30	0.44	0.56	0.79	1.17	1.78	2.36	3.86	5.91	9.17	98.43
1000	0.35	0.52	0.66	0.93	1.37	2.08	2.77	4.52	6.92	10.74	109.00
10000	0.42	0.62	0.79	1.12	1.64	2.50	3.32	5.43	8.31	12.90	122.71
PMP	0.83	1.22	1.55	2.20	3.24	4.94	6.57	10.73	16.42	25.48	276.00
MEAN	0.132	0.195	0.248	0.352	0.517	0.788	1.048	1.712	2.622	4.067	54.979
CLOCK HR. CPR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.940	1.627	1.663	1.598	1.161	1.766	1.356	1.370	1.840	2.096	-0.664
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.432 ; INTERCEPT (TIME=1 HOUR) =0.537 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.00977 ; AVERAGE CALC CV / USED CV = 1.22

KURTOSIS	6.773	4.865	5.352	5.165	3.771	5.164	4.755	4.921	7.084	9.343	2.997
N	26	26	26	26	26	26	26	26	26	26	26
RECORD YEAR	1967	1958	1961	1958	1961	1964	1964	1955	1964	1964	1964
RECORD MAXIMUM	0.390	0.480	0.610	0.770	0.870	1.390	1.750	2.950	5.210	9.180	69.570
NORMILIIFO MAX	3.088	2.609	2.676	2.622	2.255	2.882	2.637	2.548	3.203	3.645	1.341
CALC. COEF. VAR	0.631	0.558	0.545	0.453	0.302	0.265	0.254	0.284	0.308	0.345	0.198
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0024	0.0036	0.0045	0.0064	0.0094	0.0143	0.0191	0.0311	0.0477	0.0740	1.0000
RP10/A	0.0035	0.0052	0.0066	0.0094	0.0138	0.0211	0.0280	0.0458	0.0701	0.1088	1.3529
RP25/A	0.0042	0.0061	0.0078	0.0110	0.0162	0.0247	0.0329	0.0537	0.0823	0.1276	1.5039
RP50/A	0.0046	0.0068	0.0086	0.0122	0.0179	0.0273	0.0364	0.0594	0.0909	0.1411	1.6060
RP100/A	0.0050	0.0074	0.0094	0.0133	0.0196	0.0299	0.0397	0.0649	0.0993	0.1541	1.7009
RP1000/A	0.0064	0.0094	0.0119	0.0169	0.0248	0.0378	0.0503	0.0822	0.1259	0.1953	1.9825
RP10000/A	0.0076	0.0113	0.0143	0.0203	0.0298	0.0455	0.0604	0.0987	0.1512	0.2346	2.2320
PMP/A	0.0151	0.0223	0.0283	0.0401	0.0589	0.0898	0.1194	0.1951	0.2987	0.4635	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
COO 2922 0	EXETER	439	20	18S	27E	D	M	36.358	119.079	TULARE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.11	0.16	0.20	0.28	0.47	0.75	0.97	1.37	2.07	2.94	******
1941	0.13	0.19	0.24	0.32	0.38	0.58	0.81	1.08	1.21	1.22	15.25
1942	0.20	0.26	0.28	0.33	0.49	0.66	0.72	0.80	0.95	0.99	8.86
1943	0.18	0.24	0.26	0.29	0.47	0.54	0.70	0.81	1.02	1.62	13.54
1944	0.23	0.30	0.32	0.36	0.41	0.68	0.50	0.75	1.12	1.46	13.46
1945	0.07	0.11	0.16	0.24	0.28	0.45	0.55	0.80	1.19	2.39	12.27
1946	0.06	0.09	0.13	0.15	0.26	0.36	0.40	0.69	1.35	1.35	10.66
1947	0.10	0.15	0.20	0.30	0.37	0.53	0.58	0.59	0.59	0.69	4.91
1948	0.09	0.17	0.23	0.31	0.36	0.53	0.56	0.73	0.99	1.08	8.48
1949	0.14	0.16	0.16	0.23	0.44	0.64	0.75	0.92	1.29	1.33	9.05
1950	*****	*****	*****	*****	0.50	1.18	1.76	1.76	1.76	1.86	12.35
1951	0.10	0.20	0.27	0.44	0.50	0.69	0.80	0.98	1.08	1.32	12.44
1952	0.19	0.23	0.26	0.29	0.51	1.00	1.18	1.29	1.74	2.17	17.30
1953	0.11	0.22	0.23	0.25	0.25	0.43	0.56	0.92	1.18	1.38	7.06
1954	0.11	0.18	0.20	0.27	0.41	0.56	0.66	0.80	1.09	1.60	9.76
1955	0.17	0.24	0.30	0.50	0.65	0.84	0.95	1.42	2.53	2.85	14.95
1956	0.37	0.43	0.47	0.50	0.52	0.55	0.56	0.71	0.76	0.85	7.47
1957	0.22	0.25	0.26	0.28	0.44	0.63	0.76	0.76	0.86	0.92	13.53
1958	0.08	0.10	0.13	0.24	0.36	0.60	0.75	0.82	1.12	1.32	15.94
1959	0.12	0.19	0.20	0.21	0.25	0.43	0.52	0.78	1.03	1.16	5.88
1960	0.11	0.14	0.15	0.17	0.27	0.40	0.50	0.73	0.90	1.31	9.09
1961	0.08	0.10	0.14	0.20	0.21	0.34	0.45	0.72	0.89	1.25	6.52
1962	0.34	0.45	0.45	0.46	0.50	0.69	0.74	1.04	1.34	2.00	10.67
1963	0.07	0.10	0.14	0.23	0.44	0.65	0.76	0.85	1.05	1.75	13.57
1964	0.23	0.27	0.41	0.44	0.45	0.60	0.75	0.80	0.82	1.10	11.57
1965	0.10	0.13	0.14	0.15	0.19	0.29	0.41	0.71	1.09	1.42	10.05
1966	0.31	0.35	0.36	0.36	0.36	0.51	0.74	1.10	1.68	2.62	8.55
1967	0.16	0.20	0.25	0.27	0.28	0.35	0.42	0.71	0.91	1.22	14.19
1968	0.14	0.20	0.25	0.25	0.35	0.50	0.50	0.52	0.75	0.78	9.71
1969	0.44	0.54	0.59	0.64	0.65	0.72	1.06	1.94	2.26	2.82	22.55
1970	0.20	0.21	0.22	0.25	0.32	0.47	0.67	1.20	1.82	2.30	13.77
1971	0.07	0.10	0.13	0.24	0.30	0.54	0.61	0.71	0.94	1.14	9.74
1972	0.10	0.12	0.13	0.15	0.25	0.25	0.31	0.46	0.67	0.98	6.76
1973	*****	*****	*****	*****	0.47	0.64	0.75	0.94	1.78	2.07	17.41
1974	0.17	0.26	0.29	0.39	0.43	0.43	0.43	0.54	0.93	1.04	9.31

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
COO 2922 0	EXETER	439	20	18S	27E	D	M	36.358	119.079	TULARE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.15	0.20	0.23	0.28	0.37	0.52	0.64	0.84	1.13	1.43	10.63
5	0.20	0.27	0.31	0.39	0.50	0.72	0.88	1.15	1.55	1.97	14.62
10	0.24	0.32	0.37	0.46	0.60	0.85	1.04	1.36	1.84	2.33	17.13
20	0.27	0.37	0.42	0.52	0.68	0.98	1.19	1.56	2.11	2.67	19.45
25	0.29	0.38	0.44	0.54	0.71	1.01	1.24	1.63	2.19	2.78	20.17
40	0.31	0.41	0.48	0.59	0.77	1.10	1.34	1.76	2.37	3.00	21.64
50	0.32	0.43	0.49	0.61	0.79	1.13	1.38	1.82	2.45	3.11	22.33
100	0.35	0.47	0.55	0.67	0.88	1.25	1.52	2.00	2.70	3.42	24.40
200	0.38	0.51	0.59	0.73	0.95	1.36	1.66	2.18	2.94	3.74	26.42
1000	0.46	0.61	0.71	0.87	1.14	1.62	1.97	2.60	3.50	4.44	30.92
10000	0.56	0.75	0.86	1.06	1.39	1.98	2.41	3.17	4.27	5.42	37.08
PMP	1.06	1.42	1.64	2.02	2.63	3.76	4.58	6.02	8.11	10.30	76.16
MEAN	0.159	0.213	0.247	0.304	0.397	0.566	0.690	0.907	1.222	1.551	11.342
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.556	1.418	1.355	1.054	0.257	1.178	2.009	1.578	1.217	0.905	0.654
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.601 ; INTERCEPT (TIME=1 HOUR) =0.423 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.03732 ; AVERAGE CALC CV / USED CV = 1.11

KURTOSIS	5.436	5.332	5.160	4.375	2.778	5.724	9.495	5.805	4.170	3.044	3.917
N	33	33	33	33	35	35	35	35	35	35	34
RECORD YEAR	1969	1969	1969	1969	1955	1950	1950	1969	1955	1940	1969
RECORD MAXIMUM	0.460	0.540	0.590	0.640	0.650	1.180	1.760	1.940	2.530	2.940	22.550
NORMILIZED MAX	3.151	3.084	3.132	2.978	2.141	3.264	3.981	3.170	2.862	2.235	2.909
CALC. COEF. VAR	0.600	0.697	0.443	0.371	0.298	0.332	0.390	0.359	0.377	0.401	0.340
REGN. COEF. VAR	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.381
USED COEF. VAR	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.381
MEAN/A	0.0140	0.0188	0.0218	0.0268	0.0350	0.0499	0.0608	0.0800	0.1077	0.1368	1.0000
RP10/A	0.0211	0.0283	0.0327	0.0403	0.0526	0.0750	0.0914	0.1203	0.1620	0.2056	1.5107
RP25/A	0.0251	0.0337	0.0390	0.0480	0.0627	0.0895	0.1090	0.1434	0.1932	0.2452	1.7783
RP50/A	0.0281	0.0377	0.0436	0.0537	0.0700	0.0999	0.1218	0.1602	0.2158	0.2739	1.9685
RP100/A	0.0310	0.0415	0.0481	0.0592	0.0772	0.1102	0.1342	0.1765	0.2378	0.3019	2.1516
RP1000/A	0.0402	0.0539	0.0623	0.0767	0.1001	0.1429	0.1741	0.2290	0.3085	0.3916	2.7264
RP10000/A	0.0490	0.0658	0.0761	0.0937	0.1223	0.1745	0.2126	0.2797	0.3767	0.4782	3.2696
PMP/A	0.0931	0.1249	0.1446	0.1779	0.2322	0.3314	0.4038	0.5311	0.7154	0.9081	6.7150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C10 3551 0	GRANT GROVE	6580	32	13S	28E	N	M	36.741	118.961	TULARE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1943	0.10	0.15	0.17	0.31	0.46	0.59	0.64	1.63	2.54	4.72	47.95
1944	0.07	0.13	0.18	0.32	0.56	0.98	1.09	1.81	2.28	3.93	47.79
1945	*****	*****	0.38	0.48	0.77	1.09	1.66	2.55	4.75	8.58	57.33
1946	*****	*****	0.50	0.77	1.29	1.86	2.40	3.10	3.47	6.93	39.51
1947	*****	*****	0.22	0.33	0.37	0.55	0.61	0.96	0.97	1.38	15.13
1948	*****	*****	0.15	0.26	0.50	0.89	1.31	2.51	3.92	4.44	37.15
1949	*****	*****	0.20	0.38	0.74	1.19	1.64	3.14	4.89	5.81	34.85
1950	*****	*****	0.30	0.57	0.76	1.29	1.89	3.29	6.26	10.59	53.32
1951	*****	*****	0.35	0.51	0.80	1.44	1.80	2.75	3.77	4.98	45.21
1952	*****	*****	0.32	0.46	0.78	0.96	1.26	1.89	3.05	5.20	61.76
1953	*****	*****	0.35	0.53	0.71	0.92	1.20	2.27	3.51	3.74	25.19
1954	*****	*****	0.19	0.35	0.52	0.96	1.37	1.95	3.23	5.50	47.32
1955	*****	*****	0.22	0.40	0.75	1.65	2.17	3.88	6.42	9.95	60.10
1956	*****	*****	0.31	0.32	0.42	0.79	1.16	2.06	3.35	4.80	29.51
1957	*****	*****	0.17	0.30	0.40	0.80	1.10	1.97	2.58	3.15	46.64
1958	*****	*****	0.54	0.77	0.88	1.03	1.45	1.45	1.63	4.25	50.68
1959	*****	*****	0.22	0.37	0.41	0.80	1.10	1.70	2.06	3.54	26.95
1960	*****	*****	0.26	0.37	0.53	0.83	1.15	2.05	2.79	3.00	35.61
1961	*****	*****	0.19	0.25	0.45	0.67	0.98	1.40	1.82	2.89	23.24
1962	*****	*****	0.23	0.25	0.33	0.65	0.96	1.51	1.87	1.96	41.30
1963	*****	*****	0.22	0.30	0.43	0.77	1.10	2.05	3.95	7.10	55.61
1964	*****	*****	0.14	0.28	0.44	0.66	0.80	1.40	2.09	2.78	43.69
1965	*****	*****	0.26	0.37	0.55	0.85	1.05	1.59	2.25	3.80	46.99
1966	*****	*****	0.29	0.50	0.65	1.25	1.80	2.90	4.27	8.24	36.37
1967	*****	*****	0.20	0.25	0.45	0.72	0.89	1.57	2.57	3.67	54.21
1968	*****	*****	0.22	0.31	0.50	0.81	0.99	1.39	1.68	2.82	31.42
1969	*****	*****	0.44	0.56	0.90	1.28	1.78	3.10	5.13	9.24	80.22
1970	*****	*****	0.20	0.29	0.50	1.00	1.42	2.19	3.48	4.59	44.73
1971	*****	*****	0.19	0.23	0.43	0.65	0.95	1.57	2.01	3.05	31.10
1972	*****	*****	0.20	0.22	0.27	0.49	0.67	1.01	1.12	1.22	******
1973	*****	*****	*****	*****	0.55	1.05	1.55	2.72	3.63	4.00	56.11
1974	*****	*****	*****	*****	0.27	0.41	0.58	0.96	1.48	2.24	33.50

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C10 3551 0	GRANT GROVE	6580	32	13S	28E	N	M	36.741	118.961	TULARE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.08	0.13	0.24	0.35	0.59	0.90	1.19	1.91	2.82	4.32	40.66
5	0.11	0.19	0.35	0.51	0.87	1.32	1.75	2.81	4.14	6.35	55.16
10	0.14	0.23	0.42	0.62	1.06	1.60	2.13	3.40	5.01	7.69	64.34
20	0.16	0.26	0.49	0.72	1.23	1.86	2.48	3.97	5.84	8.97	72.78
25	0.17	0.27	0.51	0.75	1.28	1.94	2.59	4.14	6.10	9.37	75.39
40	0.18	0.30	0.56	0.82	1.40	2.17	2.82	4.51	6.64	10.19	80.76
50	0.19	0.31	0.58	0.85	1.45	2.20	2.92	4.68	6.90	10.58	83.25
100	0.21	0.34	0.64	0.94	1.61	2.44	3.25	5.20	7.67	11.77	90.82
200	0.23	0.38	0.70	1.04	1.77	2.68	3.57	5.72	8.43	12.93	98.15
1000	0.28	0.46	0.85	1.25	2.13	3.23	4.30	6.88	10.14	15.56	114.56
10000	0.34	0.56	1.05	1.54	2.64	3.99	5.31	8.50	12.53	19.22	137.00
PMP	0.67	1.10	2.04	3.00	5.13	7.77	10.34	16.54	24.38	37.41	279.34
MEAN	0.085	0.140	0.260	0.383	0.656	0.992	1.321	2.114	3.116	4.781	43.242
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.358	1.394	1.233	0.916	0.658	0.565	0.732	0.921	0.328
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.239 ; INTERCEPT (TIME=1 HOUR) =0.614 ; COEFFICIENT OF DETERMINATION = 0.890
1HR INTERCEPT / MEAN YR =0.01420 ; AVERAGE CALC CV / USED CV = 0.68

KURTOSIS	0.0	0.0	4.567	4.960	5.462	4.366	3.272	2.908	3.395	3.446	3.862
N	2	2	30	30	32	32	32	32	32	32	31
RECORD YEAR	1943	1943	1958	1946	1946	1946	1946	1955	1955	1950	1969
RECORD MAXIMUM	0.100	0.150	0.540	0.770	1.290	1.860	2.400	3.880	6.420	10.590	80.220
NORMILIZED MAX	0.707	0.707	2.774	2.718	2.568	2.583	2.351	2.344	2.372	2.399	2.740
CALC. COEF. VAR	0.250	0.101	0.387	0.372	0.376	0.338	0.347	0.356	0.447	0.506	0.312
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0020	0.0032	0.0060	0.0089	0.0152	0.0230	0.0306	0.0489	0.0721	0.1106	1.0000
RP10/A	0.0032	0.0052	0.0097	0.0143	0.0244	0.0369	0.0492	0.0787	0.1160	0.1779	1.4879
RP25/A	0.0039	0.0063	0.0118	0.0174	0.0297	0.0450	0.0599	0.0958	0.1412	0.2166	1.7435
RP50/A	0.0044	0.0072	0.0133	0.0196	0.0336	0.0508	0.0676	0.1082	0.1595	0.2447	1.9253
RP100/A	0.0048	0.0080	0.0148	0.0218	0.0373	0.0565	0.0752	0.1203	0.1773	0.2721	2.1002
RP1000/A	0.0064	0.0105	0.0196	0.0288	0.0494	0.0747	0.0994	0.1591	0.2345	0.3599	2.6493
RP10000/A	0.0079	0.0130	0.0242	0.0356	0.0610	0.0923	0.1229	0.1966	0.2897	0.4446	3.1683
PMP/A	0.0154	0.0253	0.0471	0.0693	0.1187	0.1796	0.2391	0.3825	0.5638	0.8652	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C20 422 0	BADGER	3030	11	15S	27E	P	M	36.631	119.013	TULARE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.10	0.14	0.18	0.30	0.43	0.70	0.87	1.35	2.02	2.06	******
1941	0.13	0.16	0.20	0.31	0.40	0.71	1.01	1.49	1.92	2.65	34.34
1942	0.21	0.30	0.38	0.54	0.62	0.97	1.09	1.49	1.79	2.18	24.49
1943	0.10	0.18	0.23	0.33	0.57	0.99	1.40	2.42	3.51	5.58	31.89
1944	0.18	0.24	0.27	0.34	0.48	0.60	0.71	1.20	2.01	3.45	29.80
1945	0.20	0.22	0.23	0.23	0.42	0.75	1.08	1.73	2.86	4.62	29.69
1946	0.24	0.28	0.38	0.65	0.83	1.48	1.68	2.04	2.70	4.07	27.92
1947	0.09	0.13	0.14	0.18	0.33	0.48	0.51	0.88	1.00	1.00	10.40
1948	0.05	0.09	0.11	0.20	0.33	0.52	0.70	1.27	2.18	2.40	52.05
1949	0.15	0.24	0.28	0.32	0.41	0.82	1.18	2.19	3.17	3.80	51.91
1950	0.25	0.32	0.35	0.45	0.64	1.08	1.46	2.37	3.53	6.46	33.58
1951	0.14	0.23	0.24	0.35	0.53	0.63	0.79	1.38	1.86	2.47	27.02
1952	0.38	0.45	0.47	0.48	0.62	0.78	0.90	1.22	2.10	3.26	35.92
1953	0.06	0.11	0.16	0.26	0.43	0.78	1.04	1.66	2.33	2.37	15.35
1954	0.15	0.24	0.36	0.42	0.60	0.85	1.01	1.90	2.45	3.68	26.40
1955	0.23	0.30	0.40	0.54	0.67	1.10	1.41	2.48	4.25	6.03	36.23
1956	0.17	0.23	0.25	0.32	0.40	0.66	0.92	1.57	1.95	2.45	19.10
1957	0.14	0.18	0.19	0.35	0.47	0.68	0.88	1.28	2.04	2.99	26.22
1958	0.08	0.16	0.24	0.34	0.41	0.70	0.98	1.23	1.51	2.91	31.30
1959	0.13	0.16	0.19	0.22	0.33	0.60	0.75	1.21	1.80	2.50	12.88
1960	0.23	0.25	0.26	0.37	0.50	0.85	1.13	1.69	2.46	2.66	21.47
1961	0.20	0.20	0.20	0.26	0.31	0.59	0.70	1.03	1.33	2.27	15.16
1962	0.05	0.08	0.12	0.18	0.35	0.54	0.81	1.39	1.85	2.73	21.99
1963	0.12	0.21	0.27	0.32	0.59	0.96	1.34	2.17	2.86	4.48	30.10
1964	0.10	0.13	0.18	0.26	0.41	0.64	0.99	1.30	1.40	1.62	27.01
1965	0.15	0.17	0.19	0.25	0.37	0.55	0.65	0.95	1.41	2.44	23.11
1966	0.13	0.20	0.24	0.39	0.59	1.04	1.37	2.08	3.61	5.91	20.51
1967	0.19	0.22	0.33	0.47	0.58	0.60	0.75	1.10	1.56	1.86	31.48
1968	0.10	0.18	0.26	0.40	0.62	0.94	1.03	1.03	1.24	1.53	20.44
1969	0.20	0.40	0.45	0.46	0.62	1.10	1.41	2.61	4.45	6.95	49.75
1970	0.41	0.46	0.62	0.85	0.85	0.90	1.00	1.63	2.83	4.23	28.06
1971	0.09	0.15	0.18	0.25	0.45	0.73	0.88	1.28	1.55	2.26	18.73
1972	0.09	0.16	0.18	0.28	0.38	0.48	0.55	1.03	1.37	1.97	14.04
1973	*****	*****	*****	*****	0.41	0.77	1.02	1.57	2.61	3.15	36.01
1974	*****	*****	*****	*****	0.35	0.68	0.88	1.35	2.10	2.53	24.13

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C20 422 0	BADGER	3030	11	15S	27E	P	M	36.631	119.013	TULARE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.20	0.24	0.33	0.45	0.70	0.90	1.41	2.06	2.93	25.95
5	0.21	0.29	0.35	0.48	0.66	1.03	1.32	2.07	3.02	4.30	35.21
10	0.26	0.35	0.43	0.58	0.80	1.25	1.60	2.51	3.66	5.22	41.07
20	0.30	0.41	0.50	0.67	0.93	1.46	1.87	2.92	4.27	6.08	46.46
25	0.31	0.43	0.52	0.70	0.97	1.53	1.95	3.05	4.46	6.35	48.13
40	0.34	0.46	0.56	0.77	1.05	1.66	2.12	3.32	4.85	6.92	51.55
50	0.35	0.48	0.59	0.80	1.09	1.72	2.21	3.45	5.03	7.18	53.14
100	0.39	0.53	0.65	0.89	1.22	1.92	2.45	3.84	5.60	7.98	57.97
200	0.43	0.59	0.72	0.97	1.34	2.11	2.69	4.22	6.15	8.77	62.65
1000	0.52	0.71	0.86	1.17	1.61	2.53	3.24	5.07	7.40	10.56	73.13
10000	0.64	0.87	1.06	1.45	1.99	3.13	4.01	6.27	9.15	13.04	87.45
PMP	1.24	1.70	2.07	2.81	3.87	6.09	7.80	12.20	17.80	25.38	178.31
MEAN	0.159	0.217	0.265	0.360	0.494	0.779	0.997	1.559	2.275	3.243	27.602
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.359	1.139	1.275	1.551	0.824	1.080	0.521	0.744	0.911	1.062	0.775
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.492 ; INTERCEPT (TIME=1 HOUR) =0.536 ; COEFFICIENT OF DETERMINATION = 0.994
1HR INTERCEPT / MEAN YR =0.01943 ; AVERAGE CALC CV / USED CV = 0.81

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	5.543	4.479	5.075	6.548	3.450	4.800	3.079	2.765	3.550	3.579	3.980
N	33	33	33	33	35	35	35	35	35	35	34
RECORD YEAR	1970	1970	1970	1970	1970	1946	1946	1969	1969	1969	1948
RECORD MAXIMUM	0.410	0.460	0.620	0.850	0.850	1.480	1.680	2.610	4.450	6.950	52.050
NORMILIZED MAX	3.037	2.642	3.186	3.467	2.580	3.228	2.471	2.219	2.562	2.509	2.406
CALC. COEF. VAR	0.521	0.423	0.422	0.393	0.279	0.279	0.278	0.304	0.373	0.455	0.368
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0058	0.0079	0.0096	0.0130	0.0179	0.0282	0.0361	0.0565	0.0824	0.1175	1.0000
RP10/A	0.0093	0.0127	0.0154	0.0210	0.0288	0.0454	0.0581	0.0909	0.1326	0.1891	1.4879
RP25/A	0.0113	0.0154	0.0188	0.0255	0.0351	0.0553	0.0707	0.1107	0.1615	0.2302	1.7435
RP50/A	0.0127	0.0174	0.0212	0.0288	0.0396	0.0624	0.0799	0.1250	0.1824	0.2601	1.9253
RP100/A	0.0142	0.0194	0.0236	0.0321	0.0441	0.0694	0.0889	0.1390	0.2028	0.2892	2.1002
RP1000/A	0.0187	0.0256	0.0312	0.0424	0.0583	0.0918	0.1175	0.1838	0.2682	0.3825	2.6493
RP10000/A	0.0231	0.0317	0.0385	0.0524	0.0720	0.1134	0.1452	0.2271	0.3314	0.4725	3.1683
PMP/A	0.0450	0.0616	0.0750	0.1020	0.1401	0.2207	0.2825	0.4420	0.6448	0.9195	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
C20 3397 0	GIANT FOREST	6412	06	16S	30E	F	M	36.568	118.767	TULARE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.09	0.17	0.22	0.34	0.46	0.83	1.20	2.10	3.20	3.90	67.65
1941	0.13	0.17	0.21	0.30	0.51	0.96	1.24	2.34	3.27	3.93	53.35
1942	0.18	0.26	0.34	0.52	0.83	1.14	1.26	1.99	3.04	3.40	37.54
1943	0.15	0.21	0.25	0.42	0.72	1.24	1.87	3.39	5.62	11.15	51.98
1944	0.10	0.19	0.26	0.36	0.43	0.77	1.03	1.85	2.62	4.38	41.98
1945	0.11	0.20	0.26	0.37	0.64	1.27	1.84	3.20	5.89	9.17	63.05
1946	0.11	0.15	0.22	0.40	0.75	1.44	1.93	2.95	5.17	7.03	41.79
1947	0.14	0.17	0.20	0.31	0.50	0.75	0.93	1.14	1.24	1.49	18.31
1948	0.05	0.09	0.13	0.25	0.49	0.94	1.35	2.52	4.14	4.42	38.54
1949	0.13	0.19	0.22	0.33	0.58	1.13	1.70	2.63	2.78	5.48	35.87
1950	0.14	0.27	0.36	0.55	0.89	1.60	2.28	4.38	7.80	13.16	61.65
1951	0.12	0.17	0.26	0.40	0.58	0.97	1.46	2.66	4.51	6.00	49.33
1952	0.11	0.17	0.20	0.31	0.57	1.12	1.21	2.25	3.64	5.34	56.12
1953	0.15	0.29	0.42	0.62	0.87	1.27	1.65	3.09	4.39	4.58	27.05
1954	0.20	0.35	0.50	0.60	0.67	1.24	1.55	2.65	3.59	4.70	43.86
1955	0.16	0.32	0.37	0.60	1.25	2.38	3.44	6.41	7.17	9.73	61.50
1956	0.11	0.16	0.20	0.40	0.61	1.11	1.42	2.68	4.62	6.27	30.54
1957	0.12	0.21	0.27	0.42	0.64	1.20	1.53	2.66	5.05	6.25	49.36
1958	0.14	0.18	0.25	0.37	0.57	0.81	0.95	1.22	2.05	3.00	56.89
1959	0.08	0.13	0.17	0.29	0.49	0.70	0.85	1.43	1.75	2.87	23.32
1960	0.18	0.25	0.28	0.35	0.64	1.18	1.71	3.00	3.93	4.38	34.28
1961	0.10	0.12	0.12	0.29	0.40	0.63	0.91	1.18	1.27	1.77	21.29
1962	0.05	0.10	0.15	0.26	0.42	0.64	0.86	1.30	1.49	1.66	37.36
1963	0.14	0.22	0.31	0.43	0.69	1.24	1.78	3.19	4.54	5.44	53.57
1968	*****	*****	*****	*****	0.60	0.80	0.90	1.30	2.00	2.40	33.60

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
C20 3397 0	GIANT FOREST	6412	06	16S	30E	F	M	36.568	118.767	TULARE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.11	0.18	0.23	0.36	0.57	0.99	1.34	2.30	3.43	4.77	40.99
5	0.17	0.26	0.34	0.52	0.94	1.45	1.96	3.37	5.03	7.01	55.61
10	0.20	0.32	0.41	0.64	1.02	1.76	2.38	4.09	6.10	8.50	64.86
20	0.23	0.37	0.48	0.74	1.19	2.05	2.77	4.76	7.11	9.90	73.37
25	0.24	0.39	0.50	0.77	1.24	2.14	2.89	4.98	7.43	10.34	76.00
40	0.27	0.42	0.55	0.84	1.35	2.33	3.15	5.42	8.08	11.26	81.41
50	0.28	0.44	0.57	0.88	1.40	2.42	3.27	5.62	8.39	11.69	83.93
100	0.31	0.49	0.63	0.97	1.56	2.69	3.64	6.25	9.33	12.99	91.55
200	0.34	0.53	0.70	1.07	1.71	2.96	3.99	6.87	10.25	14.28	98.95
1000	0.41	0.64	0.84	1.29	2.06	3.56	4.81	8.27	12.34	17.19	115.49
10000	0.50	0.79	1.03	1.59	2.54	4.40	5.94	10.21	15.24	21.23	138.11
PMP	0.97	1.55	2.01	3.09	4.95	8.56	11.56	19.88	29.66	41.32	281.60
MEAN	0.125	0.197	0.257	0.395	0.632	1.094	1.477	2.540	3.791	5.280	43.591
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.130	0.629	0.925	0.861	1.635	1.720	1.898	1.566	0.484	1.132	-0.086
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.314 ; INTERCEPT (TIME=1 HOUR) =0.667 ; COEFFICIENT OF DETERMINATION = 0.992
1HR INTERCEPT / MEAN YR =0.01530 ; AVERAGE CALC CV / USED CV = 0.72

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.461	3.451	4.282	3.114	7.108	8.231	8.730	7.514	3.196	4.410	2.399
N	24	24	24	24	25	25	25	25	25	25	25
RECORD YEAR	1954	1954	1954	1953	1955	1955	1955	1955	1950	1950	1940
RECORD MAXIMUM	0.200	0.350	0.500	0.620	1.250	2.380	3.540	6.410	7.800	13.160	67.650
NORMILIZED MAX	2.028	2.324	2.676	2.060	3.328	3.482	3.549	3.371	2.296	2.683	1.735
CALC. COEF. VAR	0.298	0.332	0.353	0.276	0.294	0.337	0.393	0.452	0.461	0.556	0.318
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0029	0.0045	0.0059	0.0091	0.0145	0.0251	0.0339	0.0583	0.0870	0.1211	1.0000
RP10/A	0.0046	0.0073	0.0095	0.0146	0.0233	0.0404	0.0545	0.0938	0.1399	0.1949	1.4879
RP25/A	0.0056	0.0089	0.0116	0.0178	0.0284	0.0492	0.0664	0.1142	0.1704	0.2373	1.7435
RP50/A	0.0063	0.0100	0.0131	0.0201	0.0321	0.0556	0.0750	0.1290	0.1925	0.2681	1.9253
RP100/A	0.0070	0.0112	0.0145	0.0223	0.0357	0.0618	0.0834	0.1434	0.2140	0.2981	2.1002
RP1000/A	0.0093	0.0147	0.0192	0.0295	0.0472	0.0817	0.1103	0.1896	0.2830	0.3942	2.6493
RP10000/A	0.0115	0.0182	0.0237	0.0365	0.0583	0.1010	0.1363	0.2343	0.3497	0.4871	3.1683
PMP/A	0.0224	0.0355	0.0461	0.0710	0.1134	0.1965	0.2652	0.4560	0.6805	0.9478	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
C20 8868 0	TERMINOUS DAM	965	36	17S	27E	E	M	36.410	119.006	TULARE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1963	*****	*****	0.15	0.22	0.27	0.52	0.72	1.33	1.47	1.55	13.25
1964	*****	*****	0.22	0.34	0.42	0.70	0.75	0.75	0.95	1.11	10.21
1965	*****	*****	0.18	0.27	0.41	0.57	0.58	0.74	1.05	1.19	13.63
1966	*****	*****	0.19	0.34	0.37	0.47	0.65	0.76	1.01	1.48	7.90
1967	*****	*****	0.28	0.31	0.32	0.53	0.67	1.08	1.82	3.33	20.19
1968	*****	*****	0.23	0.28	0.31	0.55	0.83	1.17	1.38	1.38	9.59
1969	*****	*****	0.22	0.37	0.55	0.90	1.20	2.05	2.43	3.06	28.55
1970	*****	*****	0.20	0.26	0.38	0.53	0.67	1.18	1.95	2.31	11.37
1971	*****	*****	0.20	0.30	0.34	0.44	0.65	1.05	1.70	1.89	11.68
1972	*****	*****	0.17	0.26	0.48	0.62	0.68	0.77	0.85	0.97	6.54
1973	*****	*****	0.15	0.23	0.33	0.52	0.73	1.13	1.83	2.27	20.20
1974	*****	*****	0.12	0.18	0.33	0.65	0.53	0.99	1.48	1.66	14.46

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
C20 8868 0	TERMINOUS DAM	965	36	17S	27E	E	M	36.410	119.006	TULARE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.17	0.25	0.34	0.51	0.65	0.98	1.35	1.67	13.15
5	0.0	0.0	0.26	0.37	0.50	0.75	0.96	1.44	1.98	2.46	17.84
10	0.0	0.0	0.31	0.45	0.60	0.91	1.16	1.74	2.40	2.98	20.80
20	0.0	0.0	0.36	0.53	0.70	1.06	1.35	2.03	2.80	3.47	23.53
25	0.0	0.0	0.38	0.55	0.74	1.11	1.41	2.12	2.93	3.62	24.38
40	0.0	0.0	0.41	0.60	0.80	1.21	1.54	2.31	3.18	3.94	26.11
50	0.0	0.0	0.43	0.62	0.83	1.25	1.60	2.40	3.31	4.09	26.92
100	0.0	0.0	0.47	0.69	0.92	1.39	1.78	2.67	3.68	4.55	29.36
200	0.0	0.0	0.52	0.76	1.02	1.53	1.95	2.93	4.04	5.00	31.74
1000	0.0	0.0	0.63	0.91	1.22	1.84	2.35	3.53	4.86	6.02	37.04
10000	0.0	0.0	0.77	1.13	1.51	2.28	2.90	4.36	6.00	7.44	44.30
PMP	0.0	0.0	1.51	2.19	2.94	4.43	5.65	8.48	11.69	14.48	90.32
MEAN	0.0	0.0	0.182	0.280	0.376	0.567	0.722	1.083	1.493	1.850	13.981
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.300	-0.105	1.034	1.839	2.240	1.760	0.373	0.915	1.247
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.475 ; INTERCEPT (TIME=1 HOUR) =0.395 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.02826 : AVERAGE CALC CV / USED CV = 0.48

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	4.138	3.305	4.530	7.334	9.599	7.672	3.350	3.645	5.116
N	0	0	12	12	12	12	12	12	12	12	12
RECORD YEAR	0	0	1967	1969	1969	1969	1969	1969	1969	1967	1969
RECORD MAXIMUM	0.0	0.0	0.280	0.370	0.550	0.900	1.200	2.050	2.430	3.330	28.550
NORMILIZED MAX	0.0	0.0	2.041	1.628	2.207	2.620	2.824	2.657	1.964	1.958	2.337
CALC. CDEF. VAR	0.0	0.0	0.223	0.197	0.210	0.225	0.235	0.336	0.319	0.409	0.446
REGN. CDEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED CDEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0	0.0	0.0138	0.0200	0.0269	0.0405	0.0516	0.0775	0.1068	0.1323	1.0000
RP10/A	0.0	0.0	0.0222	0.0322	0.0433	0.0652	0.0831	0.1247	0.1719	0.2129	1.4879
RP25/A	0.0	0.0	0.0270	0.0392	0.0527	0.0794	0.1011	0.1518	0.2093	0.2593	1.7435
RP50/A	0.0	0.0	0.0305	0.0443	0.0595	0.0897	0.1142	0.1715	0.2364	0.2929	1.9253
RP100/A	0.0	0.0	0.0339	0.0493	0.0662	0.0997	0.1270	0.1907	0.2629	0.3257	2.1002
RP1000/A	0.0	0.0	0.0448	0.0652	0.0875	0.1319	0.1680	0.2522	0.3476	0.4307	2.6493
RP10000/A	0.0	0.0	0.0554	0.0805	0.1081	0.1630	0.2076	0.3116	0.4295	0.5321	3.1683
PMP/A	0.0	0.0	0.1077	0.1567	0.2104	0.3172	0.4039	0.6063	0.8358	1.0354	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY
C20 8912 0	THREE RIVERS 6SE	2200	16	18S	29E	C	M	36.367	118.850	TULARE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1957	*****	*****	0.21	0.32	0.42	0.70	1.00	1.33	1.41	1.64	21.64
1958	*****	*****	0.31	0.32	0.37	0.60	0.74	0.97	1.49	1.77	24.70
1959	*****	*****	0.28	0.32	0.37	0.61	0.68	0.88	1.24	1.72	8.66
1960	*****	*****	0.26	0.32	0.46	0.64	0.79	1.10	1.12	1.52	18.47
1961	*****	*****	0.17	0.22	0.43	0.55	0.64	0.86	1.03	1.10	10.37
1962	*****	*****	0.11	0.14	0.27	0.47	0.66	0.97	1.33	2.17	16.97
1963	*****	*****	0.22	0.30	0.40	0.78	0.88	1.44	2.12	2.76	26.98
1964	*****	*****	0.20	0.36	0.58	0.62	0.92	1.09	1.11	1.75	20.12
1965	*****	*****	0.20	0.21	0.41	0.62	0.65	1.01	1.41	2.40	19.16
1966	*****	*****	0.32	0.48	0.56	0.98	1.35	2.46	4.68	7.48	19.86
1967	*****	*****	0.41	0.71	0.80	0.81	0.95	1.19	1.37	1.90	24.60
1968	*****	*****	0.31	0.49	0.52	0.70	0.72	0.84	1.25	1.29	15.77
1969	*****	*****	0.32	0.34	0.60	1.08	1.35	1.95	3.17	4.15	37.63
1970	*****	*****	0.42	0.45	0.48	0.61	0.86	1.50	2.49	3.15	20.59
1971	*****	*****	0.15	0.26	0.40	0.57	0.72	1.02	1.41	1.69	15.87
1972	*****	*****	0.21	0.26	0.26	0.34	0.47	0.63	1.04	1.32	12.39
1973	*****	*****	*****	*****	0.41	0.76	1.06	1.46	1.99	2.70	28.54
1974	*****	*****	*****	*****	0.33	0.57	0.68	1.20	2.02	2.15	18.47

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY
C20 8912 0	THREE RIVERS 6SE	2200	16	18S	29E	C	M	36.367	118.850	TULARE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.23	0.31	0.41	0.60	0.76	1.10	1.59	2.14	18.85
5	0.0	0.0	0.34	0.46	0.60	0.89	1.11	1.61	2.34	3.15	25.57
10	0.0	0.0	0.41	0.55	0.72	1.07	1.35	1.96	2.84	3.81	29.82
20	0.0	0.0	0.48	0.64	0.84	1.25	1.58	2.28	3.31	4.45	33.74
25	0.0	0.0	0.50	0.67	0.88	1.31	1.65	2.38	3.45	4.64	34.95
40	0.0	0.0	0.55	0.73	0.96	1.42	1.79	2.59	3.76	5.05	37.43
50	0.0	0.0	0.57	0.76	0.99	1.48	1.86	2.69	3.90	5.25	38.59
100	0.0	0.0	0.63	0.85	1.10	1.64	2.07	2.99	4.34	5.83	42.10
200	0.0	0.0	0.69	0.93	1.21	1.80	2.27	3.29	4.77	6.41	45.50
1000	0.0	0.0	0.83	1.12	1.46	2.17	2.73	3.96	5.74	7.71	53.10
10000	0.0	0.0	1.03	1.38	1.81	2.68	3.38	4.89	7.09	9.53	63.51
PMP	0.0	0.0	2.01	2.69	3.51	5.22	6.57	9.52	13.79	18.55	129.48
MEAN	0.0	0.0	0.256	0.344	0.449	0.667	0.840	1.217	1.763	2.370	20.044
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.365	1.262	1.071	0.759	0.987	1.568	2.211	2.716	0.721
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.525 ; INTERCEPT (TIME=1 HOUR) =0.480 ; COEFFICIENT OF DETERMINATION = 0.994
1HR INTERCEPT / MEAN YR =0.02393 ; AVERAGE CALC CV / USED CV = 0.69

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	3.082	5.792	5.279	4.702	4.123	6.251	8.545	11.576	4.709
N	0	0	16	16	18	18	18	18	18	18	18
RECORD YEAR	0	0	1970	1967	1967	1969	1966	1966	1966	1966	1969
RECORD MAXIMUM	0.0	0.0	0.420	0.710	0.800	1.080	1.350	2.460	4.680	7.480	37.630
NORMALIZED MAX	0.0	0.0	1.854	2.688	2.708	2.390	2.154	2.845	3.163	3.453	2.552
CALC. COEF. VAR	0.0	0.0	0.345	0.396	0.289	0.259	0.282	0.359	0.523	0.624	0.344
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0	0.0	0.0128	0.0171	0.0224	0.0333	0.0419	0.0607	0.0879	0.1182	1.0000
RP10/A	0.0	0.0	0.0206	0.0276	0.0360	0.0536	0.0674	0.0977	0.1415	0.1903	1.4879
RP25/A	0.0	0.0	0.0250	0.0336	0.0439	0.0652	0.0821	0.1189	0.1723	0.2317	1.7435
RP50/A	0.0	0.0	0.0283	0.0380	0.0496	0.0737	0.0928	0.1343	0.1946	0.2617	1.9253
RP100/A	0.0	0.0	0.0315	0.0422	0.0551	0.0819	0.1031	0.1494	0.2164	0.2910	2.1002
RP1000/A	0.0	0.0	0.0416	0.0558	0.0729	0.1083	0.1364	0.1976	0.2862	0.3848	2.6493
RP10000/A	0.0	0.0	0.0514	0.0690	0.0901	0.1339	0.1685	0.2441	0.3536	0.4755	3.1683
PMP/A	0.0	0.0	0.1000	0.1342	0.1752	0.2605	0.3279	0.4750	0.6882	0.9252	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C20 8917 0	THREE RIVERS PH NO1	1140	OR	17S	29E	K	M	36.466	118.861	TULARE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.13	0.22	0.28	0.45	0.46	0.53	0.64	1.03	1.53	2.88	******
1941	0.20	0.25	0.27	0.35	0.48	0.92	1.25	1.70	2.10	2.58	27.48
1942	0.15	0.18	0.20	0.32	0.57	0.65	0.81	1.06	1.32	1.36	16.81
1943	0.10	0.12	0.16	0.27	0.40	0.68	0.84	1.07	1.72	2.33	26.04
1944	0.28	0.32	0.33	0.34	0.42	0.52	0.76	1.32	2.09	2.81	13.34
1945	0.03	0.05	0.07	0.13	0.23	0.38	0.54	0.87	1.15	1.43	21.04
1946	0.15	0.23	0.30	0.57	0.83	1.12	1.27	1.47	2.04	2.33	22.52
1947	0.10	0.15	0.20	0.25	0.38	0.69	0.75	0.83	0.84	1.02	8.88
1948	0.07	0.10	0.12	0.21	0.35	0.54	0.76	1.22	2.12	2.39	16.95
1949	0.10	0.18	0.20	0.24	0.33	0.48	0.66	1.10	1.14	2.27	16.28
1950	0.09	0.11	0.15	0.28	0.54	0.96	1.48	2.25	3.43	6.05	26.00
1951	0.13	0.16	0.18	0.26	0.38	0.58	0.71	1.28	1.48	1.78	21.04
1952	0.21	0.29	0.35	0.48	0.65	0.73	0.75	1.10	1.86	2.66	30.02
1953	0.10	0.19	0.24	0.33	0.50	0.93	1.17	1.89	2.31	2.48	12.68
1954	0.15	0.29	0.37	0.42	0.62	0.92	1.04	1.15	1.65	2.81	20.54
1955	0.15	0.22	0.28	0.44	0.72	1.35	1.95	3.32	5.55	6.34	30.40
1956	0.07	0.08	0.10	0.16	0.25	0.50	0.75	1.25	1.64	2.06	14.35
1957	0.10	0.13	0.14	0.26	0.36	0.67	0.79	1.20	1.98	2.75	20.30
1958	0.14	0.21	0.24	0.35	0.54	0.66	0.76	0.92	1.35	2.15	25.10
1959	0.50	0.51	0.52	0.52	0.52	0.52	0.52	0.52	0.65	0.67	8.46
1960	0.08	0.13	0.16	0.20	0.39	0.64	0.92	1.39	1.90	1.96	16.86
1961	0.08	0.12	0.18	0.32	0.37	0.52	0.65	0.65	1.02	1.13	11.10
1962	0.04	0.08	0.11	0.13	0.24	0.47	0.66	1.19	1.89	2.90	18.46
1963	0.09	0.15	0.19	0.30	0.48	0.93	1.34	2.28	3.24	4.18	29.29
1964	0.08	0.12	0.15	0.23	0.34	0.59	0.83	1.13	1.46	1.66	19.86
1965	0.24	0.26	0.27	0.27	0.27	0.45	0.56	0.85	1.23	2.04	20.20
1966	0.23	0.24	0.24	0.30	0.51	0.92	1.18	2.00	3.87	6.56	19.34
1967	0.15	0.25	0.40	0.50	0.58	0.65	0.80	0.96	1.28	1.65	26.44
1968	0.12	0.17	0.18	0.23	0.30	0.40	0.51	1.00	1.27	1.51	17.26
1969	0.16	0.30	0.41	0.50	0.57	0.88	1.17	1.98	3.15	5.04	38.85
1970	0.08	0.14	0.22	0.43	0.85	0.86	1.24	1.89	3.13	4.52	24.05
1971	0.15	0.18	0.21	0.30	0.42	0.50	0.75	1.20	1.59	1.74	18.41
1972	0.26	0.37	0.47	0.70	0.84	0.88	0.88	0.88	1.05	1.44	13.57
1973	*****	*****	*****	*****	0.45	0.84	1.20	1.62	2.04	2.70	30.46
1974	*****	*****	*****	*****	0.44	0.69	0.73	1.27	2.04	2.20	18.04

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C20 8917 0	THREE RIVERS PH NO1	1140	OR	17S	29E	K	M	36.466	118.861	TULARE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.18	0.22	0.30	0.49	0.68	0.85	1.24	1.78	2.37	19.37
5	0.19	0.26	0.32	0.44	0.72	1.00	1.25	1.82	2.61	3.48	26.28
10	0.23	0.32	0.38	0.54	0.87	1.21	1.51	2.21	3.16	4.22	30.65
20	0.27	0.37	0.45	0.63	1.01	1.41	1.76	2.57	3.69	4.92	34.67
25	0.28	0.39	0.47	0.66	1.06	1.47	1.84	2.69	3.85	5.14	35.92
40	0.30	0.42	0.51	0.71	1.15	1.60	2.00	2.92	4.19	5.59	38.47
50	0.32	0.44	0.53	0.74	1.20	1.66	2.08	3.03	4.35	5.80	39.66
100	0.35	0.48	0.59	0.82	1.33	1.85	2.31	3.37	4.84	6.45	43.27
200	0.39	0.53	0.65	0.90	1.46	2.03	2.54	3.71	5.31	7.09	46.76
1000	0.46	0.64	0.78	1.09	1.76	2.44	3.06	4.46	6.40	8.53	54.58
10000	0.57	0.79	0.96	1.35	2.17	3.02	3.78	5.51	7.90	10.54	65.27
PMP	1.12	1.54	1.87	2.62	4.23	5.87	7.35	10.73	15.38	20.52	133.08
MEAN	0.143	0.197	0.239	0.335	0.540	0.751	0.940	1.371	1.965	2.622	20.600
CLOCK HR. CORR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	2.249	1.196	0.877	0.768	0.784	0.842	1.322	1.682	1.820	1.515	0.447
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.465 ; INTERCEPT (TIME=1 HOUR) =0.517 ; COEFFICIENT OF DETERMINATION = 0.996
1HR INTERCEPT / MEAN YR =0.02509 ; AVERAGE CALC CV / USED CV = 0.93

KURTOSIS	10.384	5.499	3.606	3.673	3.469	3.806	5.226	6.955	7.462	4.926	3.414
N	33	33	33	33	35	35	35	35	35	35	34
RECORD YEAR	1959	1959	1959	1972	1970	1955	1955	1955	1955	1966	1969
RECORD MAXIMUM	0.500	0.510	0.520	0.700	0.850	1.350	1.950	3.320	5.550	6.560	38.850
NORMILIZED MAX	4.035	3.299	2.614	2.780	1.662	2.540	3.081	3.501	3.621	2.693	2.675
CALC. COEF. VAR	0.620	0.482	0.450	0.393	0.345	0.314	0.349	0.406	0.504	0.558	0.331
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0069	0.0096	0.0116	0.0162	0.0262	0.0364	0.0456	0.0665	0.0954	0.1273	1.0000
RP10/A	0.0111	0.0154	0.0187	0.0261	0.0422	0.0586	0.0734	0.1071	0.1535	0.2048	1.4879
RP25/A	0.0136	0.0187	0.0227	0.0318	0.0514	0.0714	0.0894	0.1304	0.1869	0.2494	1.7435
RP50/A	0.0153	0.0212	0.0257	0.0359	0.0580	0.0806	0.1009	0.1473	0.2112	0.2817	1.9253
RP100/A	0.0171	0.0235	0.0286	0.0400	0.0645	0.0897	0.1122	0.1638	0.2348	0.3133	2.1002
RP1000/A	0.0225	0.0311	0.0378	0.0529	0.0853	0.1186	0.1484	0.2166	0.3105	0.4143	2.6493
RP10000/A	0.0279	0.0384	0.0467	0.0653	0.1054	0.1465	0.1834	0.2676	0.3836	0.5119	3.1683
PMP/A	0.0542	0.0748	0.0908	0.1271	0.2051	0.2851	0.3569	0.5207	0.7466	0.9961	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	DMM	LATITUDE	LONGITUDE	COUNTY
C30 1300 0	CALIFORNIA HOT SP	2950	36	23S	30E	R	M	35.883	118.683	TULARE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.11	0.17	0.24	0.36	0.50	0.69	0.76	1.00	1.40	2.65	******
1941	0.09	0.15	0.16	0.30	0.47	0.55	0.66	1.22	1.79	2.41	22.19
1942	0.08	0.12	0.15	0.24	0.39	0.60	0.77	1.05	1.93	3.22	19.68
1943	0.14	0.28	0.37	0.56	0.60	0.73	0.89	1.52	2.56	4.02	******
1944	0.09	0.12	0.18	0.27	0.44	0.76	0.90	1.45	2.06	2.64	******
1945	0.17	0.20	0.21	0.25	0.40	0.77	1.09	1.92	2.49	3.91	31.12
1946	0.12	0.20	0.21	0.31	0.47	0.72	0.78	1.20	1.60	2.36	63.17
1947	0.07	0.10	0.12	0.19	0.28	0.38	0.46	0.72	1.09	1.43	10.94
1948	0.09	0.11	0.12	0.20	0.24	0.44	0.64	1.18	1.70	1.72	17.01
1949	0.07	0.09	0.12	0.19	0.37	0.63	0.89	1.38	1.91	2.93	19.63
1950	0.10	0.19	0.27	0.36	0.64	1.09	1.40	2.70	3.83	5.06	25.63
1951	0.29	0.32	0.35	0.46	0.47	0.48	0.63	1.14	2.15	2.78	25.16
1952	0.07	0.09	0.13	0.21	0.32	0.74	0.85	1.24	1.50	2.16	31.48
1953	0.16	0.25	0.30	0.44	0.63	0.71	0.85	1.69	2.64	3.12	17.70
1954	0.08	0.15	0.20	0.30	0.46	0.60	0.90	1.30	1.85	2.81	21.23
1955	0.08	0.14	0.18	0.26	0.46	0.90	1.33	2.24	2.95	3.06	26.09
1956	0.25	0.33	0.35	0.37	0.40	0.67	1.10	1.76	2.75	3.23	18.53
1957	0.13	0.15	0.20	0.28	0.46	0.88	1.12	1.50	1.96	2.49	24.13
1958	0.22	0.30	0.44	0.72	0.77	0.85	0.85	1.28	1.57	2.17	28.72
1959	0.15	0.26	0.27	0.28	0.36	0.47	0.59	0.74	1.03	1.46	9.40
1960	0.10	0.16	0.24	0.40	0.45	0.73	0.99	1.59	2.37	2.58	21.56
1961	0.12	0.15	0.18	0.24	0.40	0.59	0.78	0.98	1.09	1.26	11.63
1962	0.10	0.13	0.19	0.24	0.34	0.56	0.73	1.20	1.67	1.75	******
1963	0.09	0.12	0.15	0.26	0.38	0.65	0.85	1.55	2.24	3.14	28.42
1964	0.07	0.10	0.13	0.25	0.48	0.70	0.78	0.92	1.04	1.08	24.52

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	DMM	LATITUDE	LONGITUDE	COUNTY
C30 1300 0	CALIFORNIA HOT SP	2950	36	23S	30E	R	M	35.883	118.683	TULARE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.11	0.16	0.20	0.29	0.40	0.61	0.78	1.25	1.78	2.37	22.29
5	0.16	0.23	0.29	0.42	0.59	0.90	1.14	1.83	2.61	3.47	30.24
10	0.20	0.28	0.36	0.51	0.72	1.09	1.39	2.22	3.17	4.21	35.27
20	0.23	0.33	0.42	0.60	0.84	1.27	1.62	2.59	3.70	4.91	39.89
25	0.24	0.34	0.43	0.62	0.87	1.32	1.69	2.70	3.86	5.13	41.33
40	0.26	0.37	0.47	0.68	0.95	1.44	1.84	2.94	4.20	5.58	44.27
50	0.27	0.39	0.49	0.70	0.99	1.50	1.91	3.05	4.36	5.79	45.63
100	0.30	0.43	0.55	0.78	1.10	1.66	2.12	3.39	4.85	6.44	49.78
200	0.33	0.47	0.60	0.86	1.21	1.83	2.33	3.73	5.33	7.08	53.80
1000	0.40	0.57	0.72	1.03	1.45	2.20	2.81	4.49	6.41	8.52	62.79
10000	0.49	0.70	0.89	1.28	1.80	2.72	3.47	5.54	7.92	10.52	75.09
PMP	0.95	1.37	1.74	2.49	3.49	5.29	6.75	10.79	15.42	20.48	153.11
MEAN	0.122	0.175	0.222	0.318	0.446	0.676	0.862	1.379	1.970	2.617	23.702
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.647	0.879	0.958	1.807	0.885	0.440	0.773	1.193	0.802	0.533	2.312
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.458 ; INTERCEPT (TIME=1 HOUR) =0.464 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.01958 ; AVERAGE CALC CV / USED CV = 0.77

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	5.522	2.907	3.247	6.025	4.567	4.088	4.088	5.335	4.371	4.052	11.310
N	25	25	25	25	25	25	25	25	25	25	21
RECORD YEAR	1951	1956	1958	1958	1958	1950	1950	1950	1950	1950	1946
RECORD MAXIMUM	0.290	0.330	0.440	0.720	0.770	1.090	1.400	2.700	3.830	5.040	63.170
NORMILIZED MAX	2.900	2.095	2.355	3.256	2.741	2.624	2.459	2.948	2.799	2.463	3.602
CALC. COEF. VAR	0.478	0.422	0.417	0.389	0.264	0.234	0.253	0.325	0.337	0.350	0.462
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0051	0.0074	0.0094	0.0134	0.0188	0.0285	0.0364	0.0582	0.0831	0.1104	1.0000
RP10/A	0.0083	0.0119	0.0151	0.0216	0.0303	0.0459	0.0586	0.0936	0.1338	0.1777	1.4879
RP25/A	0.0101	0.0145	0.0184	0.0263	0.0369	0.0558	0.0713	0.1140	0.1628	0.2163	1.7435
RP50/A	0.0114	0.0164	0.0207	0.0297	0.0417	0.0631	0.0805	0.1288	0.1840	0.2444	1.9253
RP100/A	0.0126	0.0182	0.0231	0.0330	0.0464	0.0701	0.0895	0.1432	0.2045	0.2717	2.1002
RP1000/A	0.0167	0.0241	0.0305	0.0436	0.0613	0.0928	0.1184	0.1893	0.2705	0.3593	2.6493
RP10000/A	0.0206	0.0297	0.0377	0.0539	0.0757	0.1146	0.1463	0.2339	0.3342	0.4439	3.1683
PMP/A	0.0401	0.0578	0.0733	0.1049	0.1474	0.2230	0.2847	0.4552	0.6504	0.8639	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C30 1470 0	CAMP WISHON	3800	18	20S	31E		M	36.183	118.667	TULARE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
	DURATION										
1940	0.20	0.26	0.29	0.31	0.44	0.77	1.05	1.52	1.82	2.87	******
1941	0.15	0.24	0.25	0.27	0.41	0.70	1.00	1.70	2.76	3.72	41.84
1942	0.11	0.17	0.25	0.34	0.48	0.88	1.18	1.86	2.77	4.04	30.66
1943	0.14	0.20	0.27	0.49	0.67	1.13	1.58	2.83	5.16	7.76	51.19
1944	0.15	0.28	0.35	0.44	0.52	0.72	0.83	1.34	1.83	3.14	36.31
1945	0.15	0.21	0.27	0.42	0.63	1.08	1.62	2.91	4.72	6.19	47.25
1946	0.18	0.24	0.25	0.29	0.53	0.88	1.21	1.92	3.27	4.20	30.60
1947	0.27	0.33	0.35	0.41	0.48	0.60	0.67	1.04	1.10	1.55	16.55
1948	0.26	0.52	0.60	0.67	0.72	0.79	1.04	1.97	3.13	3.60	******
1949	0.06	0.10	0.14	0.24	0.43	0.76	1.14	1.97	2.20	3.35	******
1950	0.10	0.12	0.15	0.28	0.47	0.85	1.17	1.68	1.75	2.40	******
1951	0.13	0.17	0.24	0.45	0.55	0.91	1.25	2.23	2.37	2.69	29.96
1952	0.09	0.16	0.24	0.48	0.60	0.71	0.83	1.65	2.88	4.09	37.85
1953	0.14	0.17	0.22	0.33	0.60	1.12	1.60	2.86	4.29	4.39	23.06
1954	0.15	0.23	0.30	0.45	0.68	1.15	1.25	1.88	3.15	4.88	32.78
1955	0.18	0.23	0.30	0.57	1.03	1.83	2.78	4.83	6.35	8.40	44.17
1956	0.20	0.25	0.27	0.30	0.75	1.35	1.90	3.36	5.10	5.96	23.23
1957	0.08	0.15	0.25	0.36	0.58	1.05	1.31	2.29	3.98	4.74	35.66
1958	0.18	0.23	0.24	0.25	0.37	0.74	0.95	1.76	2.96	3.80	38.76
1959	0.15	0.22	0.27	0.30	0.31	0.57	0.82	1.13	1.39	1.67	16.70
1960	0.20	0.30	0.36	0.40	0.62	1.15	1.62	2.59	3.61	3.76	20.57

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C30 1470 0	CAMP WISHON	3800	18	20S	31E		M	36.183	118.667	TULARE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.21	0.25	0.35	0.51	0.85	1.15	1.95	2.87	3.75	31.31
5	0.21	0.30	0.37	0.51	0.75	1.25	1.69	2.86	4.21	5.51	42.48
10	0.25	0.37	0.45	0.62	0.91	1.51	2.05	3.47	5.10	6.68	49.55
20	0.29	0.43	0.52	0.73	1.06	1.76	2.39	4.05	5.95	7.79	56.05
25	0.31	0.45	0.55	0.76	1.11	1.84	2.50	4.23	6.21	8.13	58.06
40	0.33	0.49	0.60	0.83	1.21	2.01	2.72	4.60	6.76	8.85	62.20
50	0.34	0.50	0.62	0.86	1.25	2.08	2.82	4.78	7.02	9.19	64.12
100	0.38	0.56	0.69	0.95	1.39	2.31	3.14	5.31	7.80	10.22	69.94
200	0.42	0.62	0.75	1.05	1.53	2.54	3.45	5.84	8.57	11.23	75.59
1000	0.51	0.74	0.91	1.26	1.84	3.06	4.15	7.02	10.32	13.51	88.23
10000	0.63	0.92	1.12	1.56	2.27	3.78	5.13	8.68	12.75	16.69	105.51
PMP	1.22	1.78	2.18	3.03	4.42	7.36	9.99	16.89	24.81	32.48	215.13
MEAN	0.156	0.228	0.279	0.387	0.565	0.940	1.276	2.158	3.171	4.151	33.302
CLOCK HR. COE.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.375	1.770	2.075	0.856	1.117	1.466	1.721	1.575	0.626	0.963	-0.063
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.424 ; INTERCEPT (TIME=1 HOUR) =0.622 ; COEFFICIENT OF DETERMINATION = 0.987
1HR INTERCEPT / MEAN YR =0.01867 ; AVERAGE CALC CV / USED CV = 0.72

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.544	8.486	10.350	4.068	5.834	6.306	7.474	6.721	3.309	4.258	3.002
N	21	21	21	21	21	21	21	21	21	21	17
RECORD YEAR	1947	1948	1948	1948	1955	1955	1955	1955	1955	1955	1942
RECORD MAXIMUM	0.270	0.520	0.600	0.670	1.030	1.830	2.780	4.830	6.350	8.400	51.190
NORMALIZED MAX	2.135	3.317	3.498	2.582	2.950	3.052	3.208	3.102	2.323	2.423	1.804
CALC. COEF. VAR	0.344	0.387	0.329	0.283	0.279	0.310	0.367	0.399	0.431	0.422	0.298
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0047	0.0068	0.0084	0.0116	0.0170	0.0282	0.0383	0.0648	0.0952	0.1247	1.0000
RP10/A	0.0075	0.0110	0.0135	0.0187	0.0273	0.0454	0.0617	0.1043	0.1532	0.2006	1.4879
RP25/A	0.0092	0.0134	0.0164	0.0228	0.0333	0.0553	0.0751	0.1270	0.1866	0.2442	1.7435
RP50/A	0.0103	0.0151	0.0185	0.0257	0.0376	0.0625	0.0848	0.1434	0.2107	0.2759	1.9253
RP100/A	0.0115	0.0168	0.0206	0.0286	0.0418	0.0695	0.0943	0.1595	0.2343	0.3068	2.1002
RP1000/A	0.0152	0.0222	0.0273	0.0378	0.0552	0.0919	0.1247	0.2109	0.3099	0.4057	2.6493
RP10000/A	0.0188	0.0275	0.0337	0.0467	0.0683	0.1136	0.1541	0.2606	0.3829	0.5013	3.1683
PMP/A	0.0366	0.0535	0.0656	0.0910	0.1328	0.2210	0.2999	0.5071	0.7451	0.9755	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 1S STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
C30 5669 0	MILO 5 NE	3400	18	19S	30E	C	M	36.278	118.773	TULARE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1957	*****	*****	0.45	0.63	0.85	0.99	1.05	1.34	1.86	1.59	33.90
1958	*****	*****	0.14	0.23	0.33	0.59	0.83	1.40	2.25	2.73	33.45
1959	*****	*****	0.21	0.25	0.35	0.51	0.58	0.78	0.88	1.18	11.95
1960	*****	*****	0.17	0.28	0.51	0.98	1.40	2.10	2.46	2.68	23.16
1961	*****	*****	0.15	0.26	0.42	0.64	0.84	1.20	1.50	1.74	15.61
1962	*****	*****	0.21	0.25	0.30	0.31	0.44	0.61	0.66	0.76	28.58
1963	*****	*****	0.49	0.65	0.74	1.13	1.63	2.97	4.54	6.57	39.49
1964	*****	*****	0.19	0.29	0.55	1.05	1.40	2.15	2.34	3.08	29.83
1965	*****	*****	0.22	0.44	0.50	0.85	1.13	1.39	1.55	1.69	28.28
1966	*****	*****	0.37	0.55	1.10	2.18	3.05	5.20	8.55	13.58	36.15
1967	*****	*****	0.58	0.65	0.75	1.00	1.15	1.16	1.62	1.70	33.71
1968	*****	*****	0.54	0.65	0.66	0.71	0.72	1.15	1.81	2.04	24.38
1969	*****	*****	0.26	0.52	0.74	1.68	1.95	3.34	4.84	7.45	54.87
1970	*****	*****	0.31	0.42	0.80	1.28	1.78	2.86	4.66	6.80	37.18
1971	*****	*****	0.08	0.15	0.29	0.50	0.69	1.15	1.28	1.44	21.27
1972	*****	*****	0.42	0.46	0.57	0.68	0.78	0.93	1.49	1.95	15.32
1973	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	37.33
1974	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	22.68

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
C30 5669 0	MILO 5 NE	3400	18	19S	30E	C	M	36.278	118.773	TULARE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.27	0.38	0.53	0.84	1.10	1.68	2.39	3.24	27.30
5	0.0	0.0	0.40	0.55	0.78	1.23	1.61	2.47	3.51	4.76	37.04
10	0.0	0.0	0.48	0.67	0.95	1.50	1.95	2.99	4.25	5.77	43.20
20	0.0	0.0	0.56	0.78	1.11	1.74	2.28	3.49	4.96	6.73	48.87
25	0.0	0.0	0.59	0.82	1.16	1.82	2.38	3.64	5.18	7.03	50.62
40	0.0	0.0	0.64	0.89	1.26	1.98	2.59	3.96	5.64	7.65	54.23
50	0.0	0.0	0.66	0.92	1.31	2.06	2.69	4.11	5.85	7.94	55.90
100	0.0	0.0	0.74	1.03	1.46	2.29	2.99	4.57	6.50	8.83	60.98
200	0.0	0.0	0.81	1.13	1.60	2.51	3.28	5.02	7.15	9.70	65.91
1000	0.0	0.0	0.97	1.36	1.92	3.03	3.95	6.05	8.60	11.68	76.92
10000	0.0	0.0	1.20	1.68	2.38	3.74	4.88	7.47	10.63	14.43	91.99
PMP	0.0	0.0	2.34	3.27	4.63	7.28	9.50	14.54	20.68	28.07	187.57
MEAN	0.0	0.0	0.259	0.417	0.591	0.930	1.214	1.858	2.643	3.587	29.035
CLOCK HR. CORR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.506	0.100	0.494	0.361	1.514	1.607	1.864	2.025	0.529
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.436 ; INTERCEPT (TIME=1 HOUR) =0.629 ; COEFFICIENT OF DETERMINATION = 0.991
1HR INTERCEPT / MEAN YR =0.02165 ; AVERAGE CALC CV / USED CV = 1.04

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	2.501	2.029	3.346	6.063	6.241	6.030	6.996	7.497	4.465
N	0	0	16	16	16	16	16	16	16	16	18
RECORD YEAR	0	0	1967	1963	1966	1966	1966	1966	1966	1966	1969
RECORD MAXIMUM	0.0	0.0	0.580	0.650	1.100	2.180	3.050	5.200	8.550	13.580	54.870
NORMALIZED MAX	0.0	0.0	1.802	1.327	2.214	2.743	2.788	2.763	2.888	2.948	2.415
CALC. COEF. VAR	0.0	0.0	0.520	0.420	0.389	0.490	0.563	0.651	0.774	0.945	0.354
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0	0.0	0.0103	0.0144	0.0204	0.0320	0.0418	0.0640	0.0910	0.1236	1.0000
RP10/A	0.0	0.0	0.0166	0.0231	0.0328	0.0515	0.0673	0.1030	0.1465	0.1988	1.4879
RP25/A	0.0	0.0	0.0202	0.0282	0.0399	0.0628	0.0819	0.1254	0.1784	0.2421	1.7435
RP50/A	0.0	0.0	0.0228	0.0318	0.0451	0.0709	0.0925	0.1416	0.2015	0.2735	1.9253
RP100/A	0.0	0.0	0.0254	0.0354	0.0501	0.0788	0.1029	0.1575	0.2240	0.3041	2.1002
RP1000/A	0.0	0.0	0.0336	0.0468	0.0663	0.1042	0.1361	0.2083	0.2963	0.4021	2.6493
RP10000/A	0.0	0.0	0.0415	0.0578	0.0819	0.1288	0.1681	0.2573	0.3660	0.4968	3.1683
RMP/A	0.0	0.0	0.0807	0.1125	0.1593	0.2506	0.3271	0.5008	0.7123	0.9668	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
C30 8460 0	SPRINGVILLE R S	1050	2	21S	29E	B	M	36.135	118.811	TULARE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.15	0.19	0.24	0.33	0.45	0.71	0.75	1.01	1.61	1.61	8.66
1941	0.22	0.30	0.40	0.48	0.48	0.56	0.81	1.05	1.33	1.43	23.23
1942	0.10	0.17	0.20	0.30	0.38	0.39	0.51	0.70	0.94	1.67	13.32
1943	0.45	0.61	0.80	1.07	1.49	1.50	1.55	1.61	1.62	2.82	23.84
1944	0.09	0.15	0.17	0.28	0.51	0.74	0.75	1.14	1.69	2.16	19.17
1945	0.27	0.31	0.36	0.43	0.55	0.80	0.80	1.41	1.96	2.99	20.14
1946	0.10	0.18	0.23	0.26	0.46	0.75	0.86	1.02	1.34	1.74	17.17
1947	0.05	0.09	0.12	0.23	0.38	0.42	0.46	0.52	0.42	0.66	5.73
1948	0.05	0.09	0.10	0.16	0.32	0.51	0.63	0.87	1.30	1.46	12.42
1949	0.03	0.05	0.08	0.15	0.22	0.39	0.52	0.99	1.60	1.92	14.00
1950	0.16	0.22	0.28	0.35	0.58	1.13	1.58	2.77	3.21	4.91	24.65
1951	0.11	0.17	0.25	0.44	0.59	0.62	0.65	1.04	1.37	1.75	16.83
1952	0.08	0.11	0.16	0.25	0.31	0.55	0.76	1.10	1.49	1.83	19.50
1953	0.15	0.16	0.17	0.27	0.50	0.85	1.08	1.20	1.65	1.66	10.60
1954	0.12	0.16	0.20	0.28	0.50	0.76	0.93	1.38	1.92	2.72	16.17
1955	0.12	0.24	0.32	0.39	0.40	0.79	0.93	1.54	2.11	2.48	20.52
1956	0.41	0.60	0.68	0.70	0.72	0.72	0.84	1.06	1.18	1.52	12.23
1957	0.08	0.13	0.20	0.29	0.45	0.67	0.78	1.18	1.25	1.56	17.72
1958	0.12	0.15	0.15	0.22	0.39	0.52	0.65	0.93	1.29	1.35	19.58
1959	0.30	0.52	0.62	0.71	0.75	0.78	0.79	0.96	1.53	2.01	8.40
1960	0.18	0.27	0.40	0.48	0.50	0.51	0.62	1.13	1.37	1.42	15.10
1961	0.17	0.21	0.22	0.23	0.26	0.34	0.40	0.60	0.65	0.78	13.66
1965	0.09	0.12	0.17	0.21	0.29	0.45	0.58	0.64	0.70	0.83	16.35
1966	0.14	0.24	0.32	0.39	0.70	0.96	1.37	2.20	3.48	5.64	16.90
1967	0.12	0.15	0.16	0.28	0.43	0.63	0.79	1.06	1.26	1.44	20.51
1968	0.08	0.10	0.15	0.20	0.35	0.50	0.54	0.70	1.24	1.48	12.40
1969	0.14	0.15	0.17	0.29	0.50	0.90	1.13	1.50	2.49	3.35	28.67
1970	0.09	0.17	0.26	0.45	0.56	0.60	0.70	0.95	1.64	2.19	19.04
1971	0.16	0.17	0.18	0.24	0.39	0.65	0.81	1.10	1.40	1.56	12.99
1972	0.14	0.19	0.22	0.33	0.36	0.40	0.59	0.75	1.05	1.15	10.19
1973	*****	*****	*****	*****	0.30	0.58	0.70	1.13	1.77	2.43	23.25

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
C30 8460 0	SPRINGVILLE R S	1050	2	21S	29E	B	M	36.135	118.811	TULARE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.19	0.24	0.32	0.44	0.60	0.73	1.03	1.40	1.82	15.56
5	0.20	0.28	0.35	0.47	0.65	0.89	1.06	1.51	2.05	2.68	21.11
10	0.24	0.34	0.43	0.57	0.78	1.07	1.29	1.83	2.49	3.25	24.62
20	0.28	0.40	0.50	0.67	0.91	1.25	1.50	2.13	2.90	3.78	27.85
25	0.29	0.42	0.52	0.70	0.95	1.31	1.57	2.23	3.03	3.95	28.85
40	0.32	0.45	0.57	0.76	1.04	1.42	1.71	2.42	3.30	4.30	30.90
50	0.33	0.47	0.59	0.79	1.08	1.48	1.77	2.52	3.42	4.46	31.86
100	0.37	0.52	0.65	0.88	1.20	1.64	1.97	2.80	3.81	4.96	34.75
200	0.40	0.57	0.72	0.96	1.31	1.80	2.17	3.07	4.18	5.45	37.56
1000	0.48	0.69	0.87	1.16	1.58	2.17	2.61	3.70	5.04	6.56	43.84
10000	0.60	0.85	1.07	1.43	1.95	2.68	3.22	4.57	6.22	8.11	52.42
PMP	1.17	1.66	2.08	2.79	3.80	5.22	6.28	8.90	12.11	15.78	106.89
MEAN	0.149	0.212	0.266	0.356	0.486	0.667	0.802	1.137	1.547	2.017	16.546
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.839	1.962	1.899	2.219	3.003	1.507	1.406	1.923	1.409	1.940	0.108
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.536 ; INTERCEPT (TIME=1 HOUR) =0.487 ; COEFFICIENT OF DETERMINATION = 0.999
1HP INTERCEPT / MEAN YR =0.02942 ; AVERAGE CALC CV / USED CV = 1.15

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	6.626	6.655	6.557	9.138	15.326	6.819	5.116	8.304	6.166	7.573	2.960
N	30	30	30	30	31	31	31	31	31	31	31
RECORD YEAR	1943	1943	1943	1943	1943	1943	1950	1950	1966	1966	1969
RECORD MAXIMUM	0.450	0.610	0.800	1.070	1.490	1.500	1.580	2.770	3.480	5.640	28.670
NORMILIZED MAX	3.112	2.887	3.158	3.739	4.415	3.466	2.720	3.603	3.054	3.370	2.281
CALC. COEF. VAR	0.649	0.649	0.636	0.536	0.468	0.360	0.357	0.399	0.409	0.533	0.321
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0090	0.0128	0.0161	0.0215	0.0294	0.0403	0.0485	0.0687	0.0935	0.1219	1.0000
RP10/A	0.0145	0.0207	0.0259	0.0347	0.0473	0.0649	0.0780	0.1106	0.1505	0.1961	1.4879
RP25/A	0.0176	0.0251	0.0315	0.0422	0.0576	0.0790	0.0950	0.1346	0.1832	0.2388	1.7635
RP50/A	0.0199	0.0284	0.0356	0.0477	0.0650	0.0892	0.1073	0.1521	0.2069	0.2698	1.9253
RP100/A	0.0222	0.0316	0.0396	0.0530	0.0723	0.0992	0.1193	0.1691	0.2301	0.3000	2.1002
RP1000/A	0.0293	0.0418	0.0523	0.0701	0.0956	0.1312	0.1577	0.2236	0.3043	0.3967	2.6493
RP10000/A	0.0362	0.0516	0.0646	0.0866	0.1181	0.1621	0.1949	0.2763	0.3760	0.4901	3.1683
PMP/A	0.0705	0.1004	0.1258	0.1685	0.2299	0.3155	0.3792	0.5376	0.7316	0.9538	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C30 P463	0	SPRINGVILLE TULE HDWKS	4070	07	20S	31E	0	M	36.193	118.656	TULARE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1957	*****	*****	0.21	0.26	0.54	0.95	1.27	2.49	4.33	5.28	34.74
1958	*****	*****	0.22	0.23	0.37	0.74	0.99	1.54	2.26	3.11	40.51
1959	*****	*****	0.26	0.28	0.30	0.55	0.78	1.23	1.56	1.98	17.05
1960	*****	*****	0.30	0.40	0.65	1.25	1.80	2.95	4.31	4.56	33.55
1961	*****	*****	0.22	0.32	0.37	0.54	0.77	1.06	1.45	1.91	18.97
1962	*****	*****	0.32	0.55	0.90	1.45	2.10	3.40	4.06	4.07	32.03
1963	*****	*****	0.23	0.46	0.92	1.80	2.30	4.04	4.14	5.41	48.00
1964	*****	*****	0.30	0.43	0.65	1.20	1.55	2.22	2.85	3.72	39.23
1965	*****	*****	0.18	0.35	0.62	0.85	1.18	1.58	1.88	1.93	29.45
1966	*****	*****	0.56	0.68	1.10	1.88	2.41	3.74	6.24	10.96	38.17
1967	*****	*****	0.14	0.20	0.34	0.54	0.73	1.13	1.34	1.35	40.65
1968	*****	*****	0.20	0.26	0.51	0.90	1.20	1.95	2.82	2.84	29.66
1969	*****	*****	0.30	0.58	1.05	1.45	1.83	2.34	3.70	6.10	63.89
1970	*****	*****	0.30	0.40	0.75	1.32	2.03	3.14	4.82	6.36	41.34
1971	*****	*****	0.07	0.11	0.22	0.44	0.64	1.22	1.45	1.66	26.53
1972	*****	*****	*****	*****	0.40	0.60	0.70	1.40	2.40	2.90	22.10
1973	*****	*****	0.30	0.50	0.70	1.30	1.50	2.00	3.40	5.30	51.00
1974	*****	*****	0.30	0.40	0.70	1.20	1.50	2.50	3.60	4.10	31.20

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
C30 P463	0	SPRINGVILLE TULE HDWKS	4070	07	20S	31E	0	M	36.193	118.656	TULARE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.23	0.34	0.56	0.95	1.27	2.01	2.84	3.69	33.33
5	0.0	0.0	0.34	0.50	0.82	1.40	1.86	2.94	4.17	5.42	45.22
10	0.0	0.0	0.42	0.61	0.99	1.70	2.26	3.57	5.06	6.57	52.74
20	0.0	0.0	0.49	0.71	1.16	1.98	2.63	4.16	5.90	7.66	59.67
25	0.0	0.0	0.51	0.74	1.21	2.06	2.75	4.35	6.16	8.00	61.81
40	0.0	0.0	0.55	0.80	1.31	2.25	2.99	4.73	6.71	8.71	66.20
50	0.0	0.0	0.57	0.83	1.36	2.33	3.11	4.91	6.96	9.04	68.25
100	0.0	0.0	0.64	0.93	1.52	2.59	3.46	5.46	7.74	10.05	74.45
200	0.0	0.0	0.70	1.02	1.67	2.85	3.80	6.00	8.50	11.05	80.46
1000	0.0	0.0	0.84	1.23	2.01	3.43	4.57	7.22	10.24	13.30	93.91
10000	0.0	0.0	1.04	1.52	2.48	4.24	5.65	8.92	12.65	16.43	112.31
PMP	0.0	0.0	2.03	2.95	4.82	8.24	10.99	17.36	24.61	31.97	229.00
MEAN	0.0	0.0	0.259	0.377	0.616	1.053	1.404	2.218	3.145	4.086	35.448
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.181	0.254	0.352	0.300	0.262	0.531	0.427	1.467	0.634
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.308 ; INTERCEPT (TIME=1 HOUR) =0.642 ; COEFFICIENT OF DETERMINATION = 0.980
1HR INTERCEPT / MEAN YR =0.01810 ; AVERAGE CALC CV / USED CV = 0.90

KURTOSIS	0.0	0.0	7.401	3.211	2.715	2.600	2.318	2.675	3.147	6.541	4.250
N	0	0	17	17	18	18	18	18	18	18	18
RECORD YEAR	0	0	1966	1966	1966	1966	1966	1963	1966	1966	1969
RECORD MAXIMUM	0.0	0.0	0.560	0.680	1.100	1.880	2.410	4.040	6.240	10.960	63.890
NORMILIZED MAX	0.0	0.0	2.916	2.036	1.862	1.875	1.740	1.956	2.249	2.966	2.451
CALC. COEF. VAR	0.0	0.0	0.398	0.395	0.422	0.419	0.411	0.420	0.438	0.571	0.327
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0	0.0	0.0073	0.0106	0.0174	0.0297	0.0396	0.0626	0.0887	0.1153	1.0000
RP10/A	0.0	0.0	0.0118	0.0171	0.0280	0.0478	0.0638	0.1007	0.1428	0.1855	1.4879
RP25/A	0.0	0.0	0.0143	0.0208	0.0341	0.0582	0.0776	0.1226	0.1738	0.2258	1.7435
RP50/A	0.0	0.0	0.0162	0.0235	0.0385	0.0658	0.0877	0.1385	0.1964	0.2551	1.9253
RP100/A	0.0	0.0	0.0180	0.0262	0.0428	0.0731	0.0975	0.1540	0.2183	0.2836	2.1002
RP1000/A	0.0	0.0	0.0238	0.0346	0.0566	0.0967	0.1290	0.2037	0.2888	0.3751	2.6493
RP10000/A	0.0	0.0	0.0294	0.0428	0.0699	0.1195	0.1593	0.2516	0.3568	0.4634	3.1683
PMP/A	0.0	0.0	0.0573	0.0832	0.1360	0.2325	0.3100	0.4897	0.6942	0.9019	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
C30 8620 0	SUCCESS DAM	590	35	21S	28E	L	M	36.050	118.917	TULARE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
1960	*****	*****	0.10	0.16	0.23	0.35	0.43	0.54	0.73	0.74	6.94
1961	*****	*****	0.20	0.20	0.26	0.50	0.62	1.00	1.09	1.09	7.25
1962	*****	*****	0.20	0.39	0.65	0.64	0.75	0.86	1.19	1.80	12.25
1963	*****	*****	0.15	0.17	0.24	0.41	0.60	0.90	0.98	1.10	9.03
1964	*****	*****	0.28	0.30	0.40	0.57	0.68	0.68	0.77	0.85	9.32
1965	*****	*****	0.17	0.25	0.42	0.73	0.82	0.82	0.82	0.98	11.62
1966	*****	*****	0.13	0.20	0.28	0.42	0.42	0.70	1.08	1.57	6.17
1967	*****	*****	0.27	0.36	0.53	0.99	1.42	1.72	2.29	3.40	16.77
1968	*****	*****	0.13	0.23	0.31	0.41	0.47	0.60	1.04	1.20	8.14
1969	*****	*****	0.28	0.46	0.62	0.90	1.12	1.68	2.10	2.65	21.59
1970	*****	*****	0.29	0.42	0.50	0.61	0.62	1.07	1.42	1.62	7.92
1971	*****	*****	0.20	0.23	0.28	0.40	0.54	0.92	1.38	1.69	10.11
1972	*****	*****	0.13	0.18	0.32	0.45	0.56	0.62	0.88	0.88	4.96
1973	*****	*****	0.30	0.55	0.60	0.72	0.86	0.97	1.52	2.05	16.44
1974	*****	*****	0.18	0.28	0.38	0.57	0.58	0.72	1.10	1.28	10.95

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
C30 8620 0	SUCCESS DAM	590	35	21S	28E	L	M	36.050	118.917	TULARE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
2	0.0	0.0	0.18	0.26	0.35	0.52	0.63	0.83	1.11	1.38	10.00
5	0.0	0.0	0.27	0.39	0.52	0.77	0.93	1.22	1.63	2.03	13.56
10	0.0	0.0	0.32	0.47	0.63	0.93	1.13	1.48	1.97	2.46	15.82
20	0.0	0.0	0.38	0.55	0.73	1.08	1.31	1.73	2.30	2.86	17.89
25	0.0	0.0	0.39	0.57	0.77	1.13	1.37	1.80	2.40	2.99	18.53
40	0.0	0.0	0.43	0.62	0.83	1.23	1.49	1.96	2.61	3.26	19.85
50	0.0	0.0	0.45	0.65	0.86	1.28	1.55	2.04	2.71	3.38	20.47
100	0.0	0.0	0.50	0.72	0.96	1.42	1.72	2.26	3.02	3.76	22.33
200	0.0	0.0	0.54	0.78	1.06	1.56	1.89	2.49	3.32	4.13	24.13
1000	0.0	0.0	0.66	0.95	1.27	1.88	2.28	2.99	3.99	4.97	28.16
10000	0.0	0.0	0.81	1.17	1.57	2.32	2.81	3.70	4.93	6.14	33.68
PMP	0.0	0.0	1.58	2.28	3.06	4.52	5.47	7.20	9.59	11.95	68.67
MEAN	0.0	0.0	0.201	0.292	0.391	0.578	0.699	0.920	1.226	1.527	10.631
CLOCK HR. COF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.219	0.872	0.472	0.909	1.628	1.510	1.335	1.415	1.175
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.501 ; INTERCEPT (TIME=1 HOUR) =0.404 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.03797 ; AVERAGE CALC CV / USED CV = 0.79

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	F-YR
KURTOSIS	0.0	0.0	2.181	3.371	2.498	3.640	6.110	5.238	4.751	5.372	4.510
N	0	0	15	15	15	15	15	15	15	15	15
RECORD YEAR	0	0	1973	1973	1969	1967	1967	1967	1967	1967	1969
RECORD MAXIMUM	0.0	0.0	0.300	0.550	0.620	0.990	1.420	1.720	2.290	3.400	21.590
NORMALIZED MAX	0.0	0.0	1.437	2.176	1.750	2.160	2.664	2.265	2.324	2.561	2.406
CALC. COEF. VAR	0.0	0.0	0.341	0.406	0.335	0.330	0.387	0.384	0.373	0.479	0.428
REGN. COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
USED COEF. VAR	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.455	0.364
MEAN/A	0.0	0.0	0.0189	0.0275	0.0367	0.0544	0.0658	0.0865	0.1153	0.1436	1.0000
RP10/A	0.0	0.0	0.0305	0.0442	0.0591	0.0875	0.1059	0.1393	0.1856	0.2311	1.6879
RP25/A	0.0	0.0	0.0371	0.0538	0.0720	0.1065	0.1289	0.1696	0.2260	0.2814	1.7435
RP50/A	0.0	0.0	0.0419	0.0608	0.0813	0.1203	0.1456	0.1915	0.2553	0.3178	1.9253
RP100/A	0.0	0.0	0.0466	0.0676	0.0904	0.1338	0.1619	0.2130	0.2838	0.3534	2.1002
RP1000/A	0.0	0.0	0.0616	0.0894	0.1196	0.1770	0.2141	0.2817	0.3754	0.4674	2.6493
RP10000/A	0.0	0.0	0.0762	0.1105	0.1478	0.2186	0.2645	0.3480	0.4637	0.5775	3.1683
PMP/A	0.0	0.0	0.1482	0.2149	0.2876	0.4255	0.5148	0.6772	0.9024	1.1237	6.4600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
840 3669 0	GROVELAND	2825	21	015	16E	E	M	37.833	120.233	TUOLUMNE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	0.09	0.15	0.18	0.30	0.51	0.80	1.05	1.63	2.08	2.39	44.36
1942	0.21	0.28	0.31	0.34	0.48	0.71	0.89	1.30	2.20	3.52	39.37
1943	0.21	0.27	0.30	0.41	0.56	0.72	0.95	1.82	2.26	3.29	37.60
1944	0.25	0.38	0.50	0.59	1.00	1.43	1.66	2.54	3.21	4.43	42.21
1945	0.18	0.24	0.33	0.45	0.69	1.17	1.38	2.09	2.68	4.26	45.27
1946	0.10	0.17	0.23	0.27	0.45	0.66	0.87	1.66	2.23	4.45	28.73
1947	0.08	0.14	0.18	0.21	0.37	0.45	0.54	0.68	1.02	1.55	15.39
1948	0.22	0.41	0.46	0.56	0.71	0.88	1.05	1.45	2.48	3.74	34.35
1949	0.10	0.17	0.22	0.29	0.42	0.60	0.80	1.50	2.36	2.84	27.60
1950	0.24	0.39	0.49	0.65	0.85	0.94	1.30	2.33	4.18	6.39	50.10
1951	0.16	0.28	0.33	0.53	0.66	0.93	1.17	2.04	2.63	3.41	35.95
1952	0.18	0.31	0.42	0.49	0.68	1.07	1.33	2.03	3.11	4.11	44.68
1953	0.26	0.38	0.41	0.44	0.52	0.58	0.73	1.10	1.67	2.17	20.08
1954	0.06	0.11	0.15	0.30	0.38	0.65	0.86	1.25	1.92	3.41	35.94
1955	0.10	0.15	0.22	0.40	0.78	1.20	1.56	2.87	4.15	7.02	42.56
1956	*****	*****	*****	*****	0.77	1.21	1.41	1.99	2.32	2.80	26.91
1957	0.24	0.27	0.32	0.36	0.60	0.85	1.09	1.31	2.23	4.06	32.01
1958	0.16	0.25	0.28	0.50	0.65	0.90	1.01	1.42	2.17	2.93	41.29
1959	0.12	0.20	0.28	0.50	0.78	1.16	1.29	1.85	2.19	2.93	26.39
1960	0.24	0.30	0.32	0.54	0.77	0.86	1.04	2.05	2.50	3.62	31.72
1961	0.12	0.17	0.20	0.27	0.36	0.55	0.68	1.01	1.47	1.68	23.24
1962	0.18	0.22	0.33	0.49	0.73	1.36	1.91	3.00	4.03	5.45	36.55
1963	0.13	0.25	0.35	0.60	0.85	1.17	1.43	1.82	2.03	2.69	43.93
1964	0.21	0.32	0.41	0.58	0.62	0.67	0.86	1.45	1.94	2.53	38.20
1965	0.15	0.26	0.39	0.56	0.65	0.89	1.06	1.62	2.01	2.93	40.41
1966	0.12	0.16	0.19	0.26	0.37	0.66	0.83	1.16	2.07	2.30	23.98
1967	0.12	0.22	0.33	0.65	0.70	0.90	1.12	1.85	2.70	3.21	43.92
1968	0.13	0.23	0.35	0.49	0.71	0.91	1.05	1.34	2.01	2.89	32.25
1969	0.15	0.26	0.38	0.56	0.90	1.25	1.64	2.35	3.15	5.05	53.87
1970	0.09	0.15	0.22	0.34	0.42	0.63	0.89	1.59	2.16	2.77	40.77
1971	0.14	0.15	0.19	0.34	0.54	0.80	1.16	1.62	2.27	3.68	25.90
1972	0.06	0.11	0.16	0.31	0.62	0.79	0.91	1.20	1.70	2.17	20.96
1974	*****	*****	*****	*****	0.49	0.95	1.07	1.27	2.18	3.85	31.52

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
840 3669 0	GROVELAND	2825	21	015	16E	E	M	37.833	120.233	TUOLUMNE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.15	0.23	0.29	0.41	0.59	0.83	1.04	1.60	2.26	3.26	34.24
5	0.20	0.30	0.39	0.55	0.78	1.11	1.39	2.14	3.02	4.35	43.34
10	0.23	0.35	0.45	0.64	0.91	1.29	1.62	2.49	3.50	5.06	48.60
20	0.26	0.40	0.51	0.72	1.03	1.46	1.82	2.81	3.96	5.71	53.21
25	0.27	0.41	0.53	0.75	1.06	1.51	1.89	2.91	4.10	5.91	54.60
40	0.27	0.42	0.54	0.76	1.08	1.54	1.92	2.96	4.17	6.01	57.40
50	0.29	0.45	0.58	0.83	1.17	1.67	2.09	3.21	4.52	6.53	58.69
100	0.32	0.49	0.64	0.90	1.28	1.82	2.28	3.51	4.94	7.12	62.52
200	0.35	0.53	0.69	0.98	1.38	1.97	2.46	3.79	5.34	7.70	66.14
1000	0.40	0.62	0.81	1.14	1.62	2.30	2.88	4.43	6.24	9.00	74.00
10000	0.48	0.75	0.97	1.37	1.94	2.76	3.45	5.31	7.48	10.79	84.32
PMP	0.95	1.47	1.90	2.69	3.82	5.42	6.78	10.45	14.71	21.22	188.26
MEAN	0.155	0.240	0.311	0.439	0.624	0.886	1.109	1.708	2.405	3.470	35.091
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.197	0.366	0.170	0.021	0.126	0.430	0.667	0.657	1.099	1.107	-0.176
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.463 ; INTERCEPT (TIME=1 HOUR) =0.623 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.01775 ; AVERAGE CALC CV / USED CV = 0.92

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	2.146	2.409	2.259	2.129	2.578	2.711	3.482	3.659	4.685	4.714	2.680
N	31	31	31	31	33	33	33	33	33	33	33
RECORD YEAR	1953	1948	1944	1950	1944	1944	1962	1962	1950	1955	1969
RECORD MAXIMUM	0.260	0.410	0.500	0.690	1.000	1.430	1.910	3.000	4.180	7.020	53.870
NORMILIZED MAX	1.765	1.967	1.826	1.921	2.244	2.206	2.609	2.493	2.503	2.897	2.044
CALC. COEF. VAR	0.381	0.359	0.334	0.297	0.269	0.278	0.277	0.303	0.295	0.353	0.262
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0044	0.0068	0.0089	0.0125	0.0178	0.0253	0.0316	0.0487	0.0685	0.0989	1.0000
RP10/A	0.0065	0.0100	0.0129	0.0182	0.0259	0.0368	0.0460	0.0710	0.0999	0.1441	1.3850
RP25/A	0.0076	0.0117	0.0151	0.0213	0.0303	0.0431	0.0539	0.0830	0.1168	0.1686	1.5559
RP50/A	0.0083	0.0129	0.0167	0.0236	0.0335	0.0475	0.0594	0.0916	0.1289	0.1861	1.6725
RP100/A	0.0091	0.0141	0.0182	0.0257	0.0365	0.0518	0.0649	0.0999	0.1407	0.2030	1.7815
RP1000/A	0.0115	0.0178	0.0230	0.0325	0.0441	0.0655	0.0820	0.1263	0.1777	0.2565	2.1090
RP10000/A	0.0138	0.0213	0.0275	0.0389	0.0533	0.0785	0.0982	0.1514	0.2131	0.3075	2.4030
PMP/A	0.0271	0.0419	0.0541	0.0766	0.1087	0.1545	0.1932	0.2977	0.4191	0.6047	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
840 3939	0	HETCH HETCHY	3870	16	01N	20E	G	M	37.945	119.782	TUOLUMNE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.06	0.09	0.12	0.23	0.44	0.59	0.85	1.51	2.45	3.70	50.89
1941	0.11	0.13	0.19	0.26	0.36	0.50	0.75	1.23	1.80	3.19	43.89
1942	0.10	0.12	0.16	0.21	0.31	0.52	0.74	1.20	1.89	2.97	32.10
1943	0.11	0.13	0.16	0.29	0.34	0.56	0.79	1.46	2.72	4.26	34.55
1944	*****	*****	*****	*****	1.10	1.12	1.13	1.13	1.81	2.65	37.59
1945	0.15	0.21	0.26	0.36	0.54	0.88	1.29	1.95	3.38	5.31	44.80
1946	0.09	0.16	0.23	0.41	0.63	0.98	1.13	1.49	1.61	4.19	29.33
1947	0.06	0.12	0.16	0.20	0.32	0.52	0.67	1.01	1.45	1.66	20.24
1948	0.06	0.12	0.14	0.18	0.30	0.48	0.68	1.20	1.91	2.43	32.68
1949	0.11	0.15	0.17	0.21	0.32	0.49	0.70	1.08	1.73	2.55	24.48
1950	0.31	0.32	0.35	0.44	0.61	0.97	1.40	2.60	4.81	7.95	55.19
1951	0.12	0.14	0.16	0.23	0.31	0.54	0.70	1.08	1.71	2.77	36.56
1952	0.20	0.29	0.38	0.53	0.74	0.90	0.90	1.40	1.50	1.82	43.18
1953	0.12	0.24	0.30	0.34	0.36	0.63	0.87	1.49	2.10	2.18	23.92
1954	0.13	0.15	0.17	0.23	0.44	0.78	1.13	1.84	3.04	4.58	35.82
1955	0.07	0.11	0.13	0.22	0.44	0.80	1.12	2.22	4.06	6.68	46.52
1956	0.17	0.25	0.30	0.31	0.31	0.53	0.77	1.28	1.95	2.20	26.89
1957	0.12	0.16	0.23	0.35	0.50	0.82	1.02	1.41	1.66	2.40	35.75
1958	0.22	0.23	0.25	0.29	0.38	0.63	0.65	1.06	1.62	1.88	38.70
1959	0.07	0.11	0.14	0.31	0.36	0.61	0.82	1.43	2.33	3.50	24.97
1960	0.08	0.11	0.12	0.21	0.37	0.59	0.83	1.14	1.61	1.98	29.68
1961	0.17	0.28	0.40	0.49	0.87	0.89	0.93	0.93	1.27	1.81	21.68
1962	0.15	0.29	0.33	0.36	0.46	0.76	0.99	1.82	3.14	4.12	29.51
1963	0.12	0.15	0.19	0.30	0.50	0.73	1.03	1.39	1.48	1.53	43.42
1964	0.14	0.15	0.15	0.24	0.37	0.61	0.88	1.49	2.87	4.38	39.94
1965	0.40	0.55	0.78	0.92	1.71	1.82	1.85	1.87	1.88	2.54	37.56
1966	0.12	0.13	0.17	0.22	0.30	0.48	0.74	1.20	2.02	3.23	23.77
1967	0.27	0.35	0.36	0.40	0.62	0.66	0.70	1.16	1.57	2.27	42.28
1968	0.05	0.10	0.15	0.22	0.42	0.74	0.92	1.36	1.48	2.13	32.42
1969	0.15	0.16	0.18	0.22	0.31	0.56	0.78	1.41	2.28	3.72	49.52
1970	0.12	0.16	0.16	0.26	0.46	0.78	0.88	1.48	2.31	3.97	41.73
1971	0.13	0.20	0.24	0.26	0.34	0.55	0.67	0.99	1.50	2.54	28.11
1972	0.15	0.20	0.25	0.41	0.51	0.56	0.77	1.01	1.65	1.80	23.98
1974	*****	*****	*****	*****	0.39	0.54	0.58	0.89	1.48	2.49	28.75

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
840 3939	0	HETCH HETCHY	3870	16	01N	20E	G	M	37.945	119.782	TUOLUMNE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.18	0.22	0.30	0.46	0.66	0.85	1.30	1.99	2.96	34.17
5	0.17	0.24	0.29	0.40	0.62	0.89	1.13	1.74	2.66	3.96	43.25
10	0.20	0.28	0.34	0.47	0.72	1.03	1.31	2.02	3.09	4.60	48.49
20	0.23	0.31	0.38	0.53	0.81	1.16	1.48	2.29	3.49	5.20	53.09
25	0.24	0.32	0.40	0.55	0.84	1.20	1.54	2.37	3.61	5.38	54.47
40	0.24	0.33	0.41	0.56	0.85	1.22	1.56	2.41	3.67	5.47	57.27
50	0.26	0.36	0.44	0.61	0.92	1.33	1.70	2.61	3.99	5.94	58.56
100	0.28	0.39	0.48	0.66	1.01	1.45	1.85	2.85	4.35	6.48	62.37
200	0.31	0.42	0.52	0.71	1.09	1.57	2.00	3.08	4.70	7.01	65.99
1000	0.36	0.49	0.61	0.84	1.27	1.83	2.34	3.60	5.50	8.19	73.84
10000	0.43	0.59	0.73	1.00	1.53	2.20	2.80	4.32	6.59	9.82	84.13
PMP	0.85	1.16	1.43	1.97	3.00	4.32	5.51	8.49	12.96	19.31	187.84
MEAN	0.138	0.189	0.234	0.322	0.491	0.706	0.902	1.389	2.120	3.158	35.012
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.840	2.031	2.699	2.380	3.052	2.733	1.860	1.362	1.786	1.602	0.299
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.474 ; INTERCEPT (TIME=1 HOUR) =0.490 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.01400 ; AVERAGE CALC CV / USED CV = 1.37

KURTOSIS	7.273	8.542	12.841	10.297	14.029	13.293	7.841	5.393	6.395	6.131	2.515
N	32	32	32	32	34	34	34	34	34	34	34
RECORD YEAR	1965	1965	1965	1965	1965	1965	1965	1950	1950	1950	1950
RECORD MAXIMUM	0.400	0.550	0.780	0.920	1.710	1.820	1.850	2.600	4.810	7.950	55.190
NORMILIZED MAX	3.475	3.785	4.257	3.977	4.380	4.366	3.723	3.215	3.373	3.330	2.226
CALC. COEF. VAR	0.544	0.504	0.549	0.467	0.567	0.361	0.282	0.271	0.376	0.456	0.259
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0040	0.0054	0.0067	0.0092	0.0140	0.0202	0.0258	0.0397	0.0605	0.0902	1.0000
RP10/A	0.0058	0.0079	0.0097	0.0134	0.0204	0.0294	0.0375	0.0578	0.0882	0.1315	1.3850
RP25/A	0.0067	0.0092	0.0114	0.0157	0.0239	0.0344	0.0439	0.0676	0.1032	0.1537	1.5559
RP50/A	0.0074	0.0102	0.0126	0.0173	0.0264	0.0379	0.0485	0.0746	0.1139	0.1697	1.6725
RP100/A	0.0081	0.0111	0.0137	0.0189	0.0288	0.0414	0.0529	0.0814	0.1243	0.1851	1.7815
RP1000/A	0.0103	0.0140	0.0173	0.0239	0.0364	0.0523	0.0668	0.1029	0.1570	0.2340	2.1090
RP10000/A	0.0123	0.0168	0.0208	0.0286	0.0436	0.0627	0.0801	0.1233	0.1882	0.2804	2.4030
PMP/A	0.0242	0.0330	0.0408	0.0563	0.0857	0.1233	0.1575	0.2425	0.3702	0.5516	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
840 5077 0	LONG BARN EXP STA	4963	20	03N	17E	0	M	38.095	120.075	TUOLUMNE

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	0.10	0.11	0.12	0.23	0.43	0.73	1.03	1.61	2.65	4.14	37.47
1942	0.13	0.16	0.17	0.25	0.39	0.61	0.87	1.34	2.00	3.66	41.85
1943	0.12	0.23	0.26	0.33	0.43	0.77	1.01	1.63	3.00	4.51	39.81
1944	0.11	0.16	0.24	0.35	0.51	0.96	1.37	1.87	2.55	4.02	49.24
1945	0.10	0.19	0.25	0.48	0.66	0.94	1.29	1.85	2.53	4.79	55.63
1946	0.10	0.18	0.24	0.44	0.58	0.62	0.77	1.49	2.45	3.67	33.25
1947	0.09	0.12	0.17	0.23	0.39	0.68	0.80	1.03	1.51	1.86	22.89
1948	0.07	0.13	0.17	0.31	0.47	0.48	0.65	1.07	1.55	2.08	41.14
1949	0.14	0.23	0.28	0.29	0.32	0.57	0.85	1.34	2.07	3.32	28.32
1950	0.18	0.26	0.30	0.40	0.75	1.01	1.26	2.22	3.92	6.23	62.98
1951	0.10	0.13	0.15	0.29	0.49	0.75	1.00	1.30	1.86	2.95	38.36
1952	0.10	0.19	0.20	0.35	0.49	0.73	1.04	1.77	1.91	3.90	50.81
1953	0.11	0.13	0.18	0.27	0.49	0.80	1.15	1.78	2.31	2.47	29.41
1954	0.05	0.09	0.14	0.25	0.46	0.65	0.83	1.45	2.34	3.49	41.90
1955	0.06	0.10	0.15	0.30	0.60	1.16	1.50	2.32	4.10	5.88	52.05
1956	0.11	0.11	0.12	0.19	0.38	0.69	0.85	0.99	1.78	2.11	31.96
1957	0.10	0.15	0.17	0.25	0.35	0.50	0.68	1.14	2.01	2.63	39.18
1958	0.09	0.10	0.15	0.26	0.37	0.61	0.84	1.33	2.52	3.32	******
1959	0.05	0.06	0.09	0.17	0.33	0.62	0.83	1.42	2.60	3.46	27.87
1960	0.13	0.14	0.18	0.25	0.36	0.59	0.79	1.22	2.23	2.96	34.93
1961	0.09	0.12	0.15	0.26	0.31	0.57	0.60	0.70	0.91	1.47	26.43
1962	0.11	0.15	0.20	0.31	0.54	0.89	1.17	1.88	3.01	4.65	40.91
1963	0.29	0.39	0.50	0.76	0.89	0.92	1.21	1.84	3.42	6.40	53.74

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
840 5077 0	LONG BARN EXP STA	4963	20	03N	17E	0	M	38.095	120.075	TUOLUMNE

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.10	0.15	0.19	0.29	0.45	0.69	0.91	1.41	2.25	3.43	39.04
5	0.14	0.20	0.25	0.39	0.60	0.92	1.22	1.89	3.01	4.58	49.42
10	0.16	0.23	0.29	0.46	0.70	1.07	1.42	2.19	3.50	5.32	55.41
20	0.18	0.26	0.33	0.52	0.79	1.20	1.60	2.48	3.95	6.01	60.67
25	0.19	0.27	0.34	0.53	0.81	1.25	1.66	2.56	4.09	6.22	62.25
40	0.19	0.27	0.35	0.54	0.83	1.27	1.68	2.61	4.16	6.33	65.45
50	0.21	0.30	0.37	0.59	0.90	1.38	1.83	2.83	4.52	6.87	66.91
100	0.23	0.32	0.41	0.64	0.98	1.50	1.99	3.09	4.93	7.49	71.28
200	0.24	0.35	0.44	0.69	1.06	1.62	2.16	3.34	5.33	8.10	75.42
1000	0.29	0.41	0.52	0.81	1.24	1.90	2.52	3.90	6.23	9.47	84.38
10000	0.34	0.49	0.62	0.97	1.49	2.27	3.02	4.68	7.47	11.35	96.14
PMP	0.67	0.97	1.22	1.91	2.92	4.47	5.94	9.20	14.68	22.32	214.65
MEAN	0.110	0.158	0.199	0.313	0.478	0.732	0.971	1.504	2.401	3.651	40.009
CLOCK MP. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.398	1.782	2.131	2.407	1.341	0.784	0.527	0.153	0.552	0.528	0.416
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.500

SLOPE OF LOG INTENSITY / LOG TIME = -.388 ; INTERCEPT (TIME=1 HOUR) =0.482 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.01204 ; AVERAGE CALC CV / USED CV = 1.05

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	11.289	7.601	9.504	10.592	5.163	3.359	2.769	3.072	3.965	3.210	2.919
N	23	23	23	23	23	23	23	23	23	23	22
RECORD YEAR	1963	1963	1963	1963	1963	1955	1955	1955	1955	1963	1950
RECORD MAXIMUM	0.790	0.390	0.500	0.760	0.890	1.160	1.500	2.320	4.100	6.400	62.980
NORMALIZED MAX	3.695	3.308	3.544	3.644	2.867	2.441	2.175	2.036	2.277	2.061	2.179
CALC. COEF. VAR	0.443	0.445	0.476	0.392	0.301	0.240	0.250	0.266	0.311	0.365	0.263
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0027	0.0039	0.0050	0.0078	0.0119	0.0183	0.0243	0.0376	0.0600	0.0912	1.0000
RP10/A	0.0040	0.0057	0.0073	0.0114	0.0174	0.0267	0.0354	0.0548	0.0875	0.1330	1.3850
RP25/A	0.0047	0.0067	0.0085	0.0133	0.0204	0.0312	0.0414	0.0641	0.1023	0.1555	1.5559
RP50/A	0.0052	0.0074	0.0094	0.0147	0.0225	0.0344	0.0457	0.0707	0.1129	0.1717	1.6725
RP100/A	0.0056	0.0081	0.0102	0.0161	0.0245	0.0375	0.0498	0.0772	0.1232	0.1873	1.7815
RP1000/A	0.0071	0.0102	0.0129	0.0203	0.0310	0.0474	0.0630	0.0975	0.1557	0.2367	2.1090
RP10000/A	0.0085	0.0123	0.0155	0.0243	0.0371	0.0569	0.0755	0.1169	0.1866	0.2837	2.4030
RMP/A	0.0168	0.0241	0.0304	0.0478	0.0730	0.1118	0.1485	0.2299	0.3670	0.5580	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (IN)(S=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
C70 1754 0	CHUCHUPATE	5260	04	0PN	20W	N	S	34.808	119.011	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	0.18	0.30	0.40	0.42	0.54	0.55	0.66	0.90	1.14	1.72	29.18
1942	0.06	0.10	0.12	0.20	0.29	0.45	0.53	0.57	0.66	0.80	5.92
1943	0.05	0.10	0.15	0.22	0.40	0.70	0.95	1.71	2.82	4.05	25.68
1944	0.04	0.07	0.13	0.24	0.38	0.60	0.77	1.42	2.13	2.82	19.00
1945	0.19	0.22	0.31	0.42	0.47	0.57	0.79	1.35	1.76	2.07	16.28
1946	0.32	0.37	0.38	0.39	0.42	0.48	0.50	0.76	1.39	2.08	15.73
1947	0.02	0.03	0.05	0.09	0.17	0.17	0.17	0.33	0.40	0.47	3.71
1948	0.02	0.03	0.05	0.10	0.20	0.38	0.40	0.46	0.85	1.09	6.72
1949	0.07	0.08	0.09	0.13	0.23	0.31	0.43	0.77	1.29	1.86	9.17
1950	0.03	0.06	0.10	0.15	0.18	0.28	0.33	0.46	0.49	0.78	5.89
1951	0.10	0.19	0.25	0.41	0.51	0.58	0.93	1.39	1.70	1.76	8.26
1952	0.17	0.28	0.40	0.48	0.50	0.66	0.75	1.17	1.90	2.34	18.51
1953	0.04	0.08	0.11	0.20	0.40	0.66	0.93	1.60	1.65	1.72	5.20
1954	0.05	0.09	0.10	0.18	0.32	0.63	0.83	1.25	1.71	1.79	9.55
1955	0.03	0.05	0.07	0.14	0.22	0.36	0.46	0.65	0.81	1.04	9.66
1956	0.23	0.32	0.45	0.64	0.82	1.23	1.24	1.27	1.30	2.13	8.34
1957	0.04	0.07	0.11	0.21	0.40	0.42	0.83	1.42	1.82	1.82	12.59
1958	0.26	0.29	0.35	0.36	0.36	0.55	0.82	1.44	1.70	1.96	17.42
1959	0.04	0.05	0.07	0.14	0.25	0.35	0.43	0.60	0.94	1.06	9.23
1960	0.06	0.12	0.17	0.28	0.51	0.84	1.03	1.24	2.22	3.09	11.44
1961	0.24	0.35	0.53	0.78	0.80	0.81	0.81	0.81	1.00	1.23	7.74
1962	0.05	0.06	0.09	0.28	0.35	0.64	0.84	1.36	2.30	4.04	14.07
1963	0.05	0.08	0.12	0.22	0.34	0.54	0.82	1.34	1.99	2.00	13.64
1964	0.06	0.09	0.12	0.18	0.30	0.36	0.47	0.58	0.60	0.61	8.85
1965	0.12	0.19	0.25	0.32	0.51	0.67	0.88	1.61	2.16	2.48	18.59
1966	0.45	0.86	1.00	1.16	1.25	1.27	1.27	1.27	2.08	2.79	11.82
1967	0.05	0.06	0.10	0.17	0.31	0.40	0.50	0.93	1.02	1.02	11.69
1968	0.07	0.10	0.15	0.20	0.31	0.42	0.60	0.70	0.90	1.00	6.60
1969	*****	*****	*****	*****	0.80	0.80	0.80	0.80	1.00	1.30	******
1970	*****	*****	*****	*****	0.50	0.70	0.90	1.20	1.60	2.10	15.50
1971	*****	*****	*****	*****	0.20	0.40	0.60	1.10	1.80	2.10	10.00
1972	*****	*****	*****	*****	0.50	0.70	0.90	0.90	1.00	1.00	******
1973	*****	*****	0.40	0.60	1.00	1.30	1.30	1.50	2.20	3.10	17.19
1974	*****	*****	0.20	0.40	0.70	1.20	1.60	2.10	2.80	3.10	14.90

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
C70 1754 0	CHUCHUPATE	5260	04	0PN	20W	N	S	34.808	119.011	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.10	0.15	0.21	0.30	0.42	0.57	0.71	1.00	1.38	1.74	11.66
5	0.14	0.21	0.29	0.41	0.58	0.79	0.97	1.38	1.91	2.40	16.03
10	0.17	0.25	0.34	0.49	0.68	0.94	1.15	1.63	2.26	2.84	18.79
20	0.19	0.29	0.39	0.56	0.78	1.07	1.32	1.87	2.59	3.26	21.33
25	0.20	0.30	0.41	0.58	0.81	1.12	1.37	1.95	2.70	3.39	22.12
40	0.21	0.32	0.44	0.63	0.88	1.21	1.48	2.10	2.91	3.66	23.74
50	0.22	0.34	0.46	0.65	0.91	1.25	1.54	2.18	3.01	3.79	24.49
100	0.24	0.37	0.50	0.71	1.00	1.38	1.69	2.40	3.32	4.18	26.77
200	0.27	0.40	0.55	0.78	1.09	1.50	1.85	2.62	3.62	4.56	28.97
1000	0.32	0.48	0.65	0.93	1.30	1.78	2.20	3.11	4.31	5.42	33.91
10000	0.39	0.59	0.80	1.13	1.59	2.18	2.68	3.80	5.26	6.61	40.67
PMP	0.73	1.11	1.52	2.15	3.02	4.14	5.09	7.21	9.99	12.56	83.53

MEAN	0.110	0.167	0.228	0.324	0.454	0.623	0.767	1.086	1.504	1.892	12.440
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.693	2.661	2.193	2.023	1.503	1.073	0.537	0.111	0.166	0.642	0.982
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.467 ; INTERCEPT (TIME=1 HOUR) =0.443 ; COEFFICIENT OF DETERMINATION = 0.993
1HR INTERCEPT / MEAN YR =0.03564 ; AVERAGE CALC CV / USED CV = 1.89

KURTOSIS	5.816	12.126	9.414	8.160	5.610	4.079	3.847	2.686	2.481	3.275	4.266
N	28	28	30	30	34	34	34	34	34	34	32
RECORD YEAR	1966	1966	1966	1966	1966	1973	1974	1974	1943	1943	1941
RECORD MAXIMUM	0.450	0.860	1.000	1.160	1.250	1.300	1.600	2.100	2.820	4.050	29.180
NORMILIZED MAX	3.191	4.033	3.835	3.627	3.250	2.402	2.746	2.407	2.051	2.366	2.862
CALC. COEF. VAR	0.965	1.025	0.881	0.712	0.539	0.452	0.396	0.388	0.427	0.482	0.470
REGN. COEF. VAR	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.381
USED COEF. VAR	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.376	0.381

MEAN/A	0.0089	0.0135	0.0184	0.0260	0.0365	0.0501	0.0616	0.0873	0.1209	0.1521	1.0000
RP10/A	0.0133	0.0202	0.0276	0.0391	0.0549	0.0753	0.0927	0.1313	0.1818	0.2286	1.5107
RP25/A	0.0159	0.0241	0.0329	0.0466	0.0654	0.0898	0.1105	0.1566	0.2167	0.2726	1.7783
RP50/A	0.0178	0.0270	0.0368	0.0521	0.0731	0.1003	0.1234	0.1749	0.2421	0.3045	1.9685
RP100/A	0.0196	0.0297	0.0405	0.0574	0.0806	0.1105	0.1361	0.1928	0.2668	0.3357	2.1516
RP1000/A	0.0254	0.0386	0.0526	0.0745	0.1045	0.1434	0.1765	0.2501	0.3461	0.4354	2.7264
RP10000/A	0.0310	0.0471	0.0642	0.0910	0.1276	0.1751	0.2155	0.3054	0.4227	0.5317	3.2696
PMP/A	0.0589	0.0894	0.1219	0.1728	0.2424	0.3325	0.4093	0.5799	0.8027	1.0098	6.7150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T12 239 0	APACHE CAMP	4965	16	09N	23W		S	34.867	119.333	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	0.11	0.17	0.25	0.50	0.77	1.05	1.19	1.24	******
1941	*****	*****	0.08	0.17	0.21	0.30	0.40	0.61	0.68	0.85	16.60
1942	*****	*****	0.32	0.52	0.98	1.26	1.35	1.77	2.11	2.18	9.33
1943	*****	*****	0.30	0.30	0.30	0.35	0.41	0.63	0.90	1.27	12.65
1944	*****	*****	0.12	0.18	0.26	0.42	0.54	0.88	1.32	1.41	15.56
1945	*****	*****	0.18	0.26	0.34	0.51	0.68	0.96	1.30	1.47	13.93
1946	*****	*****	0.18	0.22	0.27	0.38	0.53	0.81	1.13	1.13	9.66
1947	*****	*****	0.16	0.21	0.24	0.40	0.60	0.97	1.46	1.52	6.86
1948	*****	*****	0.07	0.13	0.26	0.46	0.47	0.50	0.50	0.52	6.11
1949	*****	*****	0.15	0.20	0.20	0.37	0.40	0.42	0.42	0.42	6.36
1950	*****	*****	0.15	0.17	0.27	0.39	0.40	0.44	0.52	0.71	6.59
1951	*****	*****	0.16	0.22	0.26	0.45	0.65	0.75	0.75	0.75	8.43
1952	*****	*****	0.10	0.14	0.26	0.38	0.46	0.76	1.29	1.45	15.14
1953	*****	*****	0.39	0.43	0.50	0.50	0.50	0.65	0.65	1.10	6.03
1954	*****	*****	0.09	0.15	0.30	0.46	0.60	0.75	0.94	1.23	6.57
1955	*****	*****	0.12	0.15	0.26	0.32	0.47	0.49	0.52	0.62	7.95
1956	*****	*****	0.25	0.44	0.50	0.66	1.02	1.05	1.05	1.05	6.41
1957	*****	*****	0.12	0.17	0.21	0.33	0.43	0.55	0.68	0.76	12.18
1958	*****	*****	0.39	0.68	0.71	1.06	1.34	1.84	2.20	2.40	14.58
1959	*****	*****	0.07	0.13	0.23	0.29	0.30	0.31	0.31	0.31	3.85
1960	*****	*****	0.14	0.23	0.45	0.65	0.66	0.76	0.86	1.40	9.33
1961	*****	*****	0.08	0.13	0.20	0.25	0.32	0.53	0.67	0.69	4.86
1962	*****	*****	0.08	0.15	0.29	0.42	0.66	1.14	2.03	3.63	12.38
1963	*****	*****	0.18	0.22	0.26	0.38	0.48	0.65	0.81	0.81	12.08
1964	*****	*****	0.09	0.13	0.19	0.36	0.44	0.48	0.49	0.49	7.60
1965	*****	*****	0.15	0.21	0.38	0.59	0.76	0.99	1.36	1.65	12.85
1966	*****	*****	0.10	0.18	0.25	0.46	0.50	0.53	0.71	1.11	5.96
1967	*****	*****	0.08	0.14	0.27	0.32	0.42	0.70	0.74	0.82	9.08
1968	*****	*****	0.06	0.10	0.15	0.25	0.32	0.47	0.65	0.76	6.96
1969	*****	*****	0.10	0.15	0.28	0.50	0.66	1.01	1.40	1.50	12.17

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T12 239 0	APACHE CAMP	4965	16	09N	23W		S	34.867	119.333	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.14	0.20	0.29	0.43	0.53	0.71	0.90	1.07	8.90
5	0.0	0.0	0.20	0.29	0.41	0.61	0.76	1.01	1.28	1.52	12.61
10	0.0	0.0	0.24	0.34	0.50	0.73	0.90	1.21	1.53	1.82	14.87
20	0.0	0.0	0.27	0.39	0.57	0.84	1.04	1.40	1.77	2.10	17.09
25	0.0	0.0	0.28	0.41	0.60	0.87	1.09	1.46	1.84	2.19	17.78
40	0.0	0.0	0.31	0.45	0.65	0.95	1.18	1.58	1.99	2.37	19.21
50	0.0	0.0	0.32	0.46	0.67	0.98	1.22	1.63	2.07	2.46	19.88
100	0.0	0.0	0.35	0.51	0.74	1.08	1.35	1.81	2.29	2.72	21.91
200	0.0	0.0	0.39	0.56	0.81	1.19	1.48	1.98	2.50	2.97	23.90
1000	0.0	0.0	0.46	0.67	0.97	1.42	1.77	2.37	2.99	3.56	28.40
10000	0.0	0.0	0.57	0.82	1.19	1.74	2.17	2.90	3.67	4.37	34.61
PMP	0.0	0.0	1.09	1.58	2.29	3.34	4.17	5.58	7.05	8.38	68.04
MEAN	0.0	0.0	0.152	0.221	0.320	0.469	0.585	0.782	0.988	1.175	9.657
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.545	2.182	2.830	2.407	1.864	1.589	1.045	1.871	0.367
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.459 ; INTERCEPT (TIME=1 HOUR) =0.322 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.03333 ; AVERAGE CALC CV / USED CV = 1.28

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	4.882	7.848	10.931	9.623	6.700	6.160	3.775	8.228	2.253
N	0	0	30	30	30	30	30	30	30	30	29
RECORD YEAR	0	0	1953	1958	1942	1942	1942	1958	1958	1962	1941
RECORD MAXIMUM	0.0	0.0	0.390	0.680	0.980	1.260	1.350	1.840	2.200	3.630	16.600
NORMILIZED MAX	0.0	0.0	2.618	3.486	3.005	3.636	2.958	2.986	2.435	3.644	1.957
CALC. COEF. VAR	0.0	0.0	0.596	0.596	0.527	0.464	0.442	0.453	0.504	0.573	0.367
REGN. COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
USED COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
MEAN/A	0.0	0.0	0.0158	0.0229	0.0332	0.0485	0.0605	0.0809	0.1023	0.1217	1.0000
RP10/A	0.0	0.0	0.0246	0.0354	0.0513	0.0751	0.0937	0.1253	0.1583	0.1883	1.5402
RP25/A	0.0	0.0	0.0294	0.0426	0.0618	0.0904	0.1127	0.1507	0.1905	0.2266	1.8413
RP50/A	0.0	0.0	0.0330	0.0478	0.0693	0.1015	0.1266	0.1692	0.2139	0.2544	2.0584
RP100/A	0.0	0.0	0.0365	0.0529	0.0767	0.1123	0.1401	0.1872	0.2367	0.2815	2.2692
RP1000/A	0.0	0.0	0.0477	0.0693	0.1004	0.1469	0.1832	0.2450	0.3097	0.3683	2.9404
RP10000/A	0.0	0.0	0.0586	0.0850	0.1233	0.1803	0.2250	0.3008	0.3801	0.4521	3.6842
PMP/A	0.0	0.0	0.1125	0.1633	0.2367	0.3463	0.4320	0.5775	0.7300	0.8681	7.0450

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T12 6576 1	OZENA RANGER STATION 174	36000						34.683	119.353	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1957	*****	*****	0.11	0.25	0.47	0.85	1.40	1.87	2.50	2.72	******
1958	*****	*****	0.17	0.26	0.50	0.82	1.40	2.15	2.88	2.98	24.96
1959	*****	*****	0.33	0.33	0.55	0.96	1.55	2.17	3.07	3.10	9.93
1960	*****	*****	0.09	0.16	0.26	0.46	0.86	1.19	1.60	1.71	7.66
1961	*****	*****	0.25	0.37	0.62	0.99	1.28	1.34	2.05	2.86	8.21
1962	*****	*****	0.13	0.26	0.45	0.70	1.22	1.63	2.77	4.92	20.31
1963	*****	*****	0.12	0.21	0.39	0.78	1.25	1.55	1.90	2.22	10.06
1964	*****	*****	0.14	0.23	0.40	0.66	1.05	1.30	1.84	1.88	8.17
1965	*****	*****	0.14	0.20	0.34	0.55	0.75	0.82	1.16	1.17	9.79
1966	*****	*****	0.21	0.27	0.41	0.76	1.34	1.85	2.55	3.03	12.52
1967	*****	*****	0.17	0.21	0.34	0.53	0.99	1.35	2.08	2.90	17.12
1968	*****	*****	*****	*****	0.41	0.70	1.11	1.49	1.80	2.09	8.11
1969	*****	*****	*****	*****	0.37	0.61	1.15	1.75	2.54	3.49	25.33
1970	*****	*****	*****	*****	0.37	0.67	0.95	1.22	2.08	3.17	10.34
1971	*****	*****	*****	*****	0.55	0.90	1.65	2.20	3.64	4.59	11.80
1972	*****	*****	*****	*****	0.35	0.60	0.90	1.17	1.62	1.68	9.03

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
T12 6576 1	OZENA RANGER STATION 174	36000						34.683	119.353	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.16	0.23	0.39	0.66	1.08	1.43	2.06	2.54	11.88
5	0.0	0.0	0.22	0.32	0.55	0.93	1.52	2.03	2.92	3.60	16.69
10	0.0	0.0	0.26	0.39	0.66	1.12	1.82	2.42	3.49	4.31	19.85
20	0.0	0.0	0.30	0.45	0.76	1.29	2.11	2.80	4.03	4.97	22.81
25	0.0	0.0	0.32	0.47	0.79	1.34	2.19	2.92	4.20	5.18	23.73
40	0.0	0.0	0.34	0.50	0.86	1.46	2.38	3.16	4.55	5.61	25.64
50	0.0	0.0	0.36	0.52	0.89	1.51	2.46	3.27	4.71	5.82	26.53
100	0.0	0.0	0.39	0.58	0.98	1.67	2.73	3.62	5.21	6.44	29.25
200	0.0	0.0	0.43	0.63	1.07	1.83	2.98	3.96	5.71	7.04	31.90
1000	0.0	0.0	0.51	0.76	1.28	2.18	3.57	4.74	6.82	8.42	37.90
10000	0.0	0.0	0.63	0.93	1.57	2.68	4.38	5.82	8.37	10.34	46.20
PMP	0.0	0.0	1.21	1.78	3.02	5.15	8.41	11.17	16.08	19.85	90.81
MEAN	0.0	0.0	0.170	0.250	0.424	0.721	1.178	1.566	2.254	2.782	12.889
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	1.326	0.725	0.529	0.178	0.142	0.139	0.439	0.604	1.306
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.200

SLOPE OF LOG INTENSITY / LOG TIME = -.231 ; INTERCEPT (TIME=1 HOUR) =0.453 ; COEFFICIENT OF DETERMINATION = 0.870
1HR INTERCEPT / MEAN YR =0.03515 ; AVERAGE CALC CV / USED CV = 0.64

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	5.337	4.318	3.445	2.772	2.856	2.792	3.543	3.829	3.876
N	0	0	11	11	16	16	16	16	16	16	15
RECORD YEAR	0	0	1959	1961	1961	1961	1971	1971	1971	1962	1969
RECORD MAXIMUM	0.0	0.0	0.330	0.370	0.620	0.990	1.650	2.200	3.640	4.920	25.330
NORMILIZED MAX	0.0	0.0	2.286	2.011	2.083	1.732	1.852	1.564	2.165	2.118	2.047
CALC. COEF. VAR	0.0	0.0	0.412	0.239	0.222	0.215	0.216	0.259	0.284	0.363	0.471
REGN. COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
USED COEF. VAR	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.403
MEAN/A	0.0	0.0	0.0132	0.0194	0.0329	0.0560	0.0914	0.1215	0.1749	0.2158	1.0000
RP10/A	0.0	0.0	0.0204	0.0300	0.0509	0.0866	0.1415	0.1880	0.2706	0.3340	1.5402
RP25/A	0.0	0.0	0.0246	0.0361	0.0612	0.1042	0.1702	0.2262	0.3256	0.4019	1.8413
RP50/A	0.0	0.0	0.0276	0.0405	0.0687	0.1170	0.1911	0.2539	0.3656	0.4512	2.0584
RP100/A	0.0	0.0	0.0305	0.0449	0.0761	0.1294	0.2114	0.2810	0.4045	0.4993	2.2692
RP1000/A	0.0	0.0	0.0399	0.0587	0.0995	0.1694	0.2767	0.3677	0.5292	0.6533	2.9404
RP10000/A	0.0	0.0	0.0490	0.0721	0.1222	0.2079	0.3396	0.4513	0.6497	0.8019	3.5842
PMP/A	0.0	0.0	0.0941	0.1384	0.2346	0.3993	0.6522	0.8667	1.2476	1.5399	7.0450

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LDT	BMM	LATITUDE	LONGITUDE	COUNTY
U02 5408 6	MATILIJA DAM	207	1540					34.507	119.377	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
1960	0.12	*****	0.22	0.35	0.55	1.00	1.77	2.60	3.30	3.92	14.54
1961	0.31	*****	0.42	0.63	0.83	1.42	2.24	2.65	3.52	4.01	14.98
1962	0.30	*****	0.37	0.57	0.95	1.75	2.69	3.86	4.75	8.43	45.76
1963	0.23	*****	0.35	0.67	1.21	1.95	3.35	4.25	5.26	6.60	23.11
1964	0.10	*****	0.27	0.51	0.84	1.55	2.49	2.70	4.24	5.55	19.40
1965	0.12	*****	0.19	0.35	0.54	0.95	1.74	2.20	3.90	6.20	27.94
1966	0.11	*****	0.33	0.65	1.18	2.21	4.18	6.23	8.88	11.14	44.86
1967	0.22	*****	0.35	0.70	1.18	1.44	2.30	3.08	5.58	8.39	47.87
1968	0.08	*****	0.20	0.32	0.55	0.94	1.61	2.11	3.76	4.25	20.70
1969	0.19	*****	0.47	0.88	1.53	2.85	5.20	6.38	*****	12.68	88.91
1970	0.09	*****	0.26	0.44	0.70	1.24	2.39	3.01	4.95	6.63	23.71
1971	0.15	*****	0.37	0.65	1.21	2.34	3.86	5.04	7.49	9.25	29.93
1972	0.16	*****	0.35	0.55	0.95	1.75	3.03	4.09	5.19	6.38	21.74
1973	0.18	*****	0.45	0.66	1.15	2.28	4.25	4.28	5.64	9.69	50.51
1974	0.12	*****	0.25	0.43	0.84	1.40	2.58	2.94	3.20	5.23	27.03

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PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LDT	BMM	LATITUDE	LONGITUDE	COUNTY
U02 5408 6	MATILIJA DAM	207	1540					34.507	119.377	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
2	0.15	0.0	0.30	0.51	0.86	1.52	2.64	3.35	4.51	6.55	30.96
5	0.22	0.0	0.44	0.75	1.28	2.25	3.93	4.98	6.71	9.74	44.66
10	0.27	0.0	0.54	0.91	1.55	2.74	4.77	6.05	8.14	11.82	53.32
20	0.32	0.0	0.63	1.06	1.81	3.19	5.55	7.05	9.49	13.78	61.29
25	0.33	0.0	0.66	1.11	1.89	3.33	5.80	7.36	9.91	14.39	63.76
40	0.36	0.0	0.71	1.21	2.05	3.62	6.31	8.00	10.78	15.65	68.83
50	0.37	0.0	0.74	1.25	2.13	3.76	6.54	8.30	11.18	16.23	71.18
100	0.41	0.0	0.82	1.39	2.36	4.17	7.27	9.22	12.42	18.03	78.32
200	0.45	0.0	0.90	1.53	2.59	4.58	7.98	10.12	13.63	19.78	85.25
1000	0.54	0.0	1.08	1.83	3.11	5.49	9.57	12.14	16.36	23.74	100.74
10000	0.67	0.0	1.34	2.25	3.83	6.76	11.78	14.95	20.13	29.23	121.93
PMP	1.34	0.0	2.68	4.53	7.70	13.58	23.66	30.02	40.43	58.69	256.34
MEAN	0.165	0.0	0.330	0.557	0.947	1.671	2.912	3.695	4.976	7.223	33.399
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.892	0.0	0.689	0.128	0.180	0.519	0.792	0.887	1.265	0.624	1.779
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.270 ; INTERCEPT (TIME=1 HOUR) =0.959 ; COEFFICIENT OF DETERMINATION = 0.978
1HR INTERCEPT / MEAN YR =0.02872 ; AVERAGE CALC CV / USED CV = 0.71

	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
KURTOSIS	3.410	0.0	4.139	3.230	2.967	3.178	3.422	3.430	5.046	3.207	7.095
N	15	0	15	15	15	15	15	15	14	15	15
RECORD YEAR	1961	0	1969	1969	1969	1969	1969	1969	1966	1969	1969
RECORD MAXIMUM	0.310	0.0	0.570	0.880	1.530	2.850	5.200	6.380	8.880	12.680	88.910
NORMILIZED MAX	1.993	0.0	2.334	2.056	1.985	2.083	2.171	1.981	2.421	2.068	2.843
CALC. COEF. VAR	0.439	0.0	0.312	0.282	0.310	0.339	0.362	0.367	0.324	0.365	0.585
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0050	0.0	0.0099	0.0167	0.0284	0.0500	0.0872	0.1106	0.1490	0.2163	1.0000
RP10/A	0.0081	0.0	0.0162	0.0273	0.0464	0.0819	0.1427	0.1811	0.2438	0.3540	1.5965
RP25/A	0.0099	0.0	0.0197	0.0332	0.0565	0.0997	0.1736	0.2203	0.2967	0.4307	1.9090
RP50/A	0.0111	0.0	0.0222	0.0375	0.0637	0.1125	0.1960	0.2486	0.3348	0.4861	2.1312
RP100/A	0.0124	0.0	0.0247	0.0417	0.0708	0.1249	0.2176	0.2761	0.3718	0.5398	2.3450
RP1000/A	0.0163	0.0	0.0325	0.0549	0.0932	0.1645	0.2866	0.3636	0.4897	0.7109	3.0163
RP10000/A	0.0200	0.0	0.0400	0.0675	0.1148	0.2025	0.3528	0.4476	0.6027	0.8750	3.6508
PMP/A	0.0402	0.0	0.0803	0.1356	0.2305	0.4066	0.7084	0.8988	1.2104	1.7572	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U02 8085 2	SELBY RANCH	166	660	13	04N	24W	M S	34.426	119.356	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
1957	0.18	*****	0.31	0.57	0.87	1.28	1.64	2.03	2.87	3.35	15.13
1958	0.30	*****	0.48	0.65	1.00	1.61	2.25	2.51	3.59	3.95	42.89
1959	0.13	*****	0.21	0.41	0.75	1.34	2.39	3.23	3.84	3.94	12.25
1960	0.07	*****	0.19	0.33	0.52	0.80	1.38	1.90	2.35	2.62	14.44
1961	0.17	*****	0.28	0.37	0.46	0.74	0.98	1.36	1.43	1.90	8.26
1962	0.19	*****	0.41	0.75	1.10	1.59	2.51	3.14	3.80	6.90	33.73
1963	0.20	*****	0.34	0.64	0.92	1.45	2.13	2.60	3.30	4.63	18.36
1964	0.07	*****	0.20	0.32	0.55	0.96	1.30	1.50	2.11	2.14	12.26
1965	0.10	*****	0.18	0.27	0.40	0.74	1.24	1.66	3.19	5.42	21.56
1966	0.15	*****	0.39	0.47	0.93	1.82	2.66	3.80	4.66	5.66	24.28
1967	0.20	*****	0.35	0.40	0.71	1.25	2.20	2.94	3.90	4.16	32.85
1968	0.20	*****	0.29	0.35	0.55	1.05	1.80	2.24	3.76	4.50	15.71
1969	0.35	*****	0.51	0.85	1.15	2.12	3.71	4.94	6.11	8.10	47.55
1970	0.17	*****	0.22	0.31	0.53	0.78	1.40	1.71	2.91	3.81	15.62
1971	*****	*****	*****	*****	*****	*****	*****	*****	5.33	5.61	19.66
1972	0.08	*****	0.15	0.30	0.54	0.95	1.83	2.46	3.25	3.33	12.34
1973	0.21	*****	0.40	0.64	1.18	2.04	3.48	4.00	4.85	5.12	36.01
1974	0.08	*****	0.24	0.36	0.53	0.83	1.32	1.65	2.62	4.24	19.17

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U02 8085 2	SELBY RANCH	166	660	13	04N	24W	M S	34.426	119.356	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
2	0.15	0.0	0.27	0.43	0.68	1.13	1.83	2.33	3.22	4.00	20.71
5	0.23	0.0	0.41	0.63	1.01	1.68	2.71	3.46	4.78	5.94	29.87
10	0.27	0.0	0.50	0.77	1.22	2.05	3.29	4.20	5.81	7.22	35.66
20	0.32	0.0	0.58	0.90	1.43	2.38	3.84	4.90	6.77	8.41	40.99
25	0.33	0.0	0.60	0.94	1.49	2.49	4.01	5.12	7.07	8.78	42.64
40	0.36	0.0	0.66	1.02	1.62	2.71	4.36	5.56	7.69	9.55	46.03
50	0.38	0.0	0.68	1.06	1.68	2.81	4.52	5.77	7.97	9.91	47.61
100	0.42	0.0	0.76	1.17	1.87	3.12	5.02	6.41	8.86	11.01	52.38
200	0.46	0.0	0.83	1.29	2.05	3.42	5.51	7.04	9.72	12.08	57.02
1000	0.55	0.0	1.00	1.54	2.46	4.11	6.62	8.44	11.66	14.50	67.38
10000	0.68	0.0	1.23	1.90	3.03	5.06	8.14	10.39	14.36	17.84	81.55
PMP	1.36	0.0	2.46	3.82	6.08	10.16	16.36	20.87	28.83	35.83	171.44
MEAN	0.168	0.0	0.303	0.470	0.748	1.250	2.013	2.569	3.548	4.410	22.337
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.748	0.0	0.432	0.831	0.424	0.580	0.870	0.925	0.441	0.585	0.993
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.368 ; INTERCEPT (TIME=1 HOUR) =0.762 ; COEFFICIENT OF DETERMINATION = 0.987
1HR INTERCEPT / MEAN YR =0.03413 ; AVERAGE CALC CV / USED CV = 0.81

KURTOSIS	4.068	0.0	2.665	2.965	2.221	2.642	3.708	3.811	3.700	3.977	3.365
N	17	0	17	17	17	17	17	17	18	18	18
RECORD YEAR	1969	0	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	0.350	0.0	0.510	0.850	1.180	2.120	3.710	4.940	6.110	8.100	47.550
NORMILIZED MAX	2.341	0.0	1.908	2.140	1.637	1.887	2.197	2.374	2.203	2.341	2.203
CALC. COEF. VAR	0.465	0.0	0.358	0.378	0.352	0.369	0.385	0.389	0.328	0.357	0.512
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0075	0.0	0.0136	0.0210	0.0335	0.0560	0.0901	0.1150	0.1589	0.1974	1.0000
RP10/A	0.0123	0.0	0.0222	0.0344	0.0548	0.0916	0.1475	0.1882	0.2600	0.3231	1.5966
RP25/A	0.0149	0.0	0.0270	0.0419	0.0667	0.1115	0.1795	0.2290	0.3164	0.3932	1.9090
RP50/A	0.0169	0.0	0.0305	0.0473	0.0753	0.1258	0.2025	0.2585	0.3570	0.4437	2.1312
RP100/A	0.0187	0.0	0.0339	0.0525	0.0836	0.1397	0.2249	0.2870	0.3965	0.4928	2.3450
RP1000/A	0.0247	0.0	0.0446	0.0692	0.1101	0.1839	0.2962	0.3780	0.5222	0.6490	3.0163
RP10000/A	0.0304	0.0	0.0549	0.0851	0.1355	0.2264	0.3646	0.4653	0.6427	0.7988	3.6508
PMP/A	0.0610	0.0	0.1102	0.1710	0.2722	0.4547	0.7322	0.9344	1.2907	1.6041	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U02 8536 11	STEWART CANYON	165	920	01	04N	23W	E S	34.459	119.246	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
1957	0.09	*****	0.20	0.40	0.73	1.08	1.45	1.75	2.36	2.84	13.63
1958	0.26	*****	0.34	0.43	0.58	1.00	1.46	1.90	2.66	2.96	37.48
1959	0.27	*****	0.47	0.71	1.09	1.35	2.00	2.70	3.40	3.45	11.71
1960	0.04	*****	0.11	0.21	0.41	0.69	1.19	1.58	2.02	2.05	12.05
1961	0.10	*****	0.26	0.49	0.72	1.12	1.28	1.28	1.58	2.40	8.79
1962	0.11	*****	0.23	0.44	0.78	0.92	1.74	2.23	2.84	4.74	27.15
1963	0.24	*****	0.46	0.56	0.88	1.29	2.44	2.76	3.20	3.94	16.81
1964	0.20	*****	0.40	0.46	0.63	0.80	1.10	1.35	1.62	2.26	10.76
1965	0.10	*****	0.15	0.20	0.44	0.48	0.84	1.17	2.05	3.41	18.11
1966	0.16	*****	0.45	0.48	0.82	1.59	2.32	2.93	3.82	4.67	21.46
1967	0.18	*****	0.25	0.42	0.53	0.90	1.53	1.86	3.50	4.25	30.15
1968	0.15	*****	0.24	0.35	0.38	0.66	1.18	1.57	2.70	3.35	12.84
1969	0.34	*****	0.53	0.55	1.16	1.63	2.77	3.60	4.48	7.44	43.77
1970	0.12	*****	0.19	0.32	0.56	0.87	1.39	1.80	2.84	3.60	11.94
1971	0.09	*****	0.21	0.31	0.58	1.11	2.01	2.98	4.25	5.06	17.30
1972	0.07	*****	0.15	0.18	0.35	0.58	1.10	1.51	2.28	2.56	10.23
1973	0.15	*****	0.35	0.58	1.02	1.94	2.86	3.25	3.88	4.57	30.80
1974	0.09	*****	0.12	0.21	0.45	0.61	1.05	1.30	2.15	4.23	17.00

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U02 8536 11	STEWART CANYON	165	920	01	04N	23W	E S	34.459	119.246	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
2	0.14	0.0	0.26	0.38	0.61	0.94	1.50	1.89	2.60	3.42	18.13
5	0.21	0.0	0.38	0.57	0.91	1.39	2.22	2.81	3.87	5.08	26.15
10	0.25	0.0	0.46	0.69	1.10	1.69	2.70	3.41	4.69	6.16	31.22
20	0.29	0.0	0.54	0.80	1.28	1.97	3.15	3.98	5.47	7.18	35.89
25	0.31	0.0	0.57	0.84	1.34	2.06	3.29	4.15	5.71	7.50	37.33
40	0.33	0.0	0.61	0.91	1.46	2.24	3.58	4.51	6.21	8.16	40.30
50	0.34	0.0	0.64	0.95	1.51	2.32	3.71	4.68	6.45	8.46	41.67
100	0.38	0.0	0.71	1.05	1.68	2.58	4.12	5.20	7.16	9.40	45.86
200	0.42	0.0	0.78	1.15	1.84	2.83	4.52	5.71	7.86	10.31	49.91
1000	0.50	0.0	0.93	1.38	2.21	3.40	5.43	6.85	9.43	12.38	58.98
10000	0.62	0.0	1.15	1.71	2.72	4.19	6.68	8.43	11.61	15.24	71.39
PMP	1.25	0.0	2.31	3.43	5.47	8.40	13.41	16.94	23.31	30.60	150.08
MEAN	0.153	0.0	0.284	0.422	0.673	1.034	1.651	2.084	2.868	3.766	19.554
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.863	0.0	0.486	0.724	0.610	0.739	0.769	0.641	0.315	1.216	1.149
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.398 ; INTERCEPT (TIME=1 HOUR) =0.667 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.03409 ; AVERAGE CALC CV / USED CV = 0.91

	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
KURTOSIS	3.501	0.0	2.430	3.996	2.880	3.433	2.912	2.556	2.584	5.858	3.828
N	18	0	18	18	18	18	18	18	18	18	18
RECORD YEAR	1969	0	1969	1969	1969	1973	1973	1969	1969	1969	1969
RECORD MAXIMUM	0.340	0.0	0.530	0.850	1.160	1.940	2.860	3.600	4.480	7.440	43.770
NORMILIZED MAX	2.312	0.0	1.866	2.392	1.981	2.259	1.971	1.997	1.841	2.836	2.376
CALC. COEF. VAR	0.527	0.0	0.465	0.425	0.366	0.387	0.372	0.364	0.305	0.344	0.521
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0078	0.0	0.0145	0.0216	0.0344	0.0529	0.0844	0.1066	0.1467	0.1926	1.0000
RP10/A	0.0128	0.0	0.0238	0.0353	0.0563	0.0866	0.1382	0.1745	0.2401	0.3152	1.5965
RP25/A	0.0156	0.0	0.0289	0.0429	0.0685	0.1054	0.1681	0.2123	0.2921	0.3835	1.9090
RP50/A	0.0176	0.0	0.0326	0.0485	0.0773	0.1189	0.1897	0.2396	0.3297	0.4328	2.1312
RP100/A	0.0196	0.0	0.0362	0.0538	0.0859	0.1320	0.2107	0.2661	0.3661	0.4806	2.3650
RP1000/A	0.0258	0.0	0.0477	0.0709	0.1131	0.1739	0.2775	0.3504	0.4822	0.6330	3.0163
RP10000/A	0.0317	0.0	0.0587	0.0872	0.1392	0.2140	0.3415	0.4313	0.5935	0.7791	3.6508
PMP/A	0.0637	0.0	0.1180	0.1752	0.2795	0.4298	0.6858	0.8661	1.1918	1.5646	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U02 9615 0	WHELLER SP 2SSW	875	28	05N	23W	L	S	34.463	119.293	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.90	1.47	1.94	3.06	3.84	3.90	******
1941	*****	*****	*****	*****	0.81	1.38	1.93	2.95	3.30	4.83	******
1942	*****	*****	*****	*****	0.38	0.67	0.99	1.50	1.70	1.70	******
1943	*****	*****	*****	*****	1.14	2.27	3.10	4.97	8.07	1.12	60.00
1944	*****	*****	*****	*****	0.77	1.30	1.86	3.23	4.52	5.23	******
1945	*****	*****	*****	*****	1.03	1.60	1.95	3.02	4.83	7.04	******
1946	*****	*****	*****	*****	0.68	1.09	1.64	2.83	4.31	4.46	******
1947	*****	*****	*****	*****	0.33	0.49	0.61	0.85	1.32	1.60	******
1948	*****	*****	*****	*****	0.48	0.67	0.84	1.31	1.31	1.81	******
1949	0.07	0.14	0.20	0.29	0.46	0.87	1.12	1.69	2.06	2.66	******
1950	0.10	0.18	0.22	0.35	0.64	1.00	1.41	2.01	2.55	2.66	******
1951	0.11	0.16	0.19	0.32	0.54	0.69	0.73	1.08	1.11	2.74	17.30
1952	*****	*****	*****	*****	1.10	1.49	2.12	3.69	6.19	9.31	39.40
1953	0.08	0.15	0.20	0.36	0.64	1.21	1.55	2.55	3.00	3.02	7.22
1954	0.15	0.26	0.27	0.33	0.65	1.20	1.72	2.96	3.90	4.58	20.73
1955	0.18	0.27	0.31	0.36	0.51	0.74	1.01	1.27	1.71	2.97	21.43
1956	0.16	0.22	0.24	0.32	0.37	0.62	0.85	1.51	2.56	4.46	15.89
1957	0.12	0.18	0.23	0.40	0.75	1.20	1.73	3.07	4.49	5.19	29.20
1958	0.23	0.32	0.40	0.50	0.70	1.35	1.86	2.68	3.25	3.45	36.25
1959	0.10	0.13	0.19	0.36	0.52	0.89	1.25	2.27	2.99	3.45	15.17
1960	0.25	0.49	0.69	0.82	1.00	1.36	1.63	1.75	2.23	2.59	19.50
1961	0.18	0.26	0.34	0.61	0.84	1.31	1.70	2.72	2.97	2.97	11.14
1962	0.16	0.21	0.23	0.46	0.72	1.24	1.68	2.46	3.39	6.20	27.01
1963	0.20	0.25	0.33	0.48	0.69	1.17	1.54	2.62	3.35	4.43	23.78
1964	0.13	0.23	0.28	0.37	0.55	1.01	1.25	1.71	2.40	3.04	19.80
1965	0.20	0.34	0.44	0.71	1.06	1.80	2.72	3.94	5.50	6.68	36.48
1966	0.16	0.24	0.32	0.53	0.98	1.52	2.05	3.24	5.15	6.04	21.42
1967	0.15	0.30	0.42	0.60	0.95	1.70	2.38	3.73	4.71	4.86	28.93
1968	0.09	0.12	0.16	0.23	0.44	0.74	1.06	1.66	2.80	3.43	13.28

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U02 9615 0	WHELLER SP 2SSW	875	28	05N	23W	L	S	34.463	119.293	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.13	0.21	0.27	0.40	0.64	1.07	1.45	2.26	3.11	3.64	22.64
5	0.20	0.32	0.40	0.60	0.96	1.58	2.15	3.36	4.63	5.41	32.65
10	0.24	0.38	0.49	0.72	1.16	1.92	2.61	4.08	5.62	6.57	38.98
20	0.28	0.45	0.57	0.84	1.36	2.24	3.04	4.76	6.54	7.66	44.81
25	0.30	0.47	0.59	0.88	1.42	2.34	3.17	4.97	6.83	8.00	46.61
40	0.32	0.51	0.65	0.96	1.54	2.54	3.45	5.40	7.43	8.70	50.32
50	0.33	0.53	0.67	0.99	1.60	2.64	3.58	5.61	7.71	9.02	52.04
100	0.37	0.58	0.74	1.10	1.77	2.93	3.98	6.23	8.56	10.02	57.26
200	0.41	0.64	0.82	1.21	1.95	3.22	4.37	6.83	9.40	11.00	62.32
1000	0.49	0.77	0.98	1.45	2.34	3.86	5.24	8.20	11.28	13.20	73.65
10000	0.60	0.95	1.21	1.79	2.88	4.75	6.45	10.09	13.88	16.24	89.14
PMP	1.21	1.90	2.42	3.59	5.77	9.54	12.95	20.26	27.88	32.62	187.40
MEAN	0.148	0.234	0.298	0.442	0.711	1.174	1.594	2.494	3.431	4.014	24.417
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.295	1.235	1.813	1.039	0.210	0.468	0.491	0.363	0.897	0.874	1.384
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.344 ; INTERCEPT (TIME=1 HOUR) =0.740 ; COEFFICIENT OF DETERMINATION = 0.993
1HR INTERCEPT / MEAN YR =0.03030 ; AVERAGE CALC CV / USED CV = 0.76

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	2.817	5.758	7.495	3.972	2.273	3.627	3.640	3.244	4.382	4.223	6.011
N	19	19	19	19	29	29	29	29	29	29	19
RECORD YEAR	1960	1960	1960	1960	1943	1943	1943	1943	1943	1952	1943
RECORD MAXIMUM	0.250	0.490	0.690	0.820	1.140	2.270	3.100	4.970	8.070	9.310	60.000
NORMILIZED MAX	2.004	2.867	3.122	2.449	1.834	2.692	2.583	2.559	2.919	2.872	2.901
CALC. COEF. VAR	0.342	0.381	0.422	0.350	0.329	0.347	0.366	0.388	0.463	0.459	0.502
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0061	0.0096	0.0122	0.0181	0.0291	0.0481	0.0653	0.1021	0.1405	0.1644	1.0000
RP10/A	0.0099	0.0157	0.0200	0.0296	0.0476	0.0787	0.1068	0.1672	0.2300	0.2691	1.5965
RP25/A	0.0121	0.0191	0.0243	0.0360	0.0580	0.0958	0.1300	0.2034	0.2799	0.3274	1.9090
RP50/A	0.0137	0.0216	0.0274	0.0406	0.0654	0.1081	0.1467	0.2296	0.3158	0.3695	2.1312
RP100/A	0.0152	0.0239	0.0305	0.0451	0.0726	0.1200	0.1629	0.2550	0.3508	0.4104	2.3450
RP1000/A	0.0200	0.0315	0.0401	0.0594	0.0957	0.1581	0.2146	0.3358	0.4619	0.5404	3.0163
RP10000/A	0.0246	0.0388	0.0494	0.0732	0.1178	0.1946	0.2641	0.4133	0.5686	0.6652	3.6508
PMP/A	0.0494	0.0779	0.0991	0.1469	0.2365	0.3907	0.5303	0.8299	1.1418	1.3358	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 450 1R	BALCOM CANYON	206	800					34.314	118.973	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	E-YR
1961	0.19	*****	0.24	0.36	0.46	0.69	0.91	0.96	1.18	1.63	5.79
1962	0.19	*****	0.29	0.45	0.70	1.04	1.33	1.60	2.64	3.69	22.73
1963	0.15	*****	0.17	0.23	0.43	0.77	1.22	1.68	2.08	2.75	12.11
1964	0.12	*****	0.33	0.43	0.61	0.81	1.46	1.76	1.80	1.80	9.62
1965	0.07	*****	0.15	0.22	0.37	0.55	0.86	1.12	1.83	2.69	13.92
1966	0.25	*****	0.41	0.50	0.68	0.88	1.54	1.81	3.25	3.67	17.01
1967	0.13	*****	0.20	0.35	0.64	1.06	1.54	1.86	2.64	3.55	27.44
1968	0.14	*****	0.36	0.50	0.80	1.04	1.77	2.15	3.35	3.71	15.00
1969	0.21	*****	0.33	0.45	0.66	1.14	1.93	2.55	2.91	4.66	26.73
1970	0.12	*****	0.31	0.46	0.62	0.88	1.26	1.37	1.55	2.23	12.16
1971	0.10	*****	0.17	0.25	0.40	0.54	0.94	1.30	3.19	3.66	13.99
1972	0.11	*****	0.17	0.25	0.40	0.72	1.29	1.66	1.79	2.16	8.51
1973	0.36	*****	0.65	0.93	1.31	1.39	1.49	1.82	2.09	2.12	20.78
1974	0.08	*****	0.15	0.25	0.43	0.71	1.16	1.31	2.00	3.79	14.45

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 450 1R	BALCOM CANYON	206	800					34.314	118.973	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	E-YR
2	0.14	0.0	0.25	0.36	0.55	0.79	1.21	1.49	2.09	2.73	14.25
5	0.21	0.0	0.38	0.54	0.82	1.18	1.80	2.21	3.11	4.05	20.56
10	0.26	0.0	0.46	0.66	0.99	1.43	2.19	2.68	3.78	4.92	24.54
20	0.30	0.0	0.54	0.77	1.16	1.66	2.55	3.13	4.40	5.74	28.21
25	0.32	0.0	0.56	0.80	1.21	1.74	2.66	3.26	4.59	5.99	29.35
40	0.34	0.0	0.61	0.87	1.32	1.89	2.89	3.55	5.00	6.52	31.68
50	0.36	0.0	0.63	0.90	1.37	1.96	3.00	3.68	5.19	6.76	32.77
100	0.40	0.0	0.70	1.00	1.52	2.18	3.33	4.09	5.76	7.51	36.05
200	0.43	0.0	0.77	1.10	1.66	2.39	3.66	4.49	6.32	8.24	39.24
1000	0.52	0.0	0.92	1.32	2.00	2.87	4.39	5.39	7.58	9.89	46.37
10000	0.64	0.0	1.14	1.63	2.46	3.53	5.40	6.63	9.33	12.17	56.13
PMP	1.29	0.0	2.28	3.27	4.94	7.09	10.85	13.32	18.75	24.44	118.00
MEAN	0.159	0.0	0.281	0.402	0.608	0.873	1.336	1.639	2.307	3.008	15.374
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.459	0.0	1.538	1.817	1.901	0.574	0.175	0.455	0.183	0.020	0.384
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.461 ; INTERCEPT (TIME=1 HOUR) =0.598 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.03891 ; AVERAGE CALC CV / USED CV = 0.89

	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	E-YR
KURTOSIS	5.926	0.0	6.472	8.002	8.148	3.676	3.228	4.118	2.508	2.508	3.142
N	14	0	14	14	14	14	14	14	14	14	14
RECORD YEAR	1973	0	1973	1973	1973	1973	1969	1969	1968	1969	1969
RECORD MAXIMUM	0.360	0.0	0.650	0.930	1.310	1.390	1.930	2.550	3.350	4.660	26.730
NORMILIZED MAX	2.608	0.0	2.694	2.859	2.875	2.164	1.893	2.191	1.519	1.788	1.903
CALC. COEF. VAR	0.487	0.0	0.488	0.459	0.402	0.274	0.235	0.254	0.298	0.307	0.388
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0103	0.0	0.0183	0.0262	0.0395	0.0568	0.0869	0.1066	0.1501	0.1956	1.0000
RP10/A	0.0169	0.0	0.0299	0.0428	0.0647	0.0929	0.1422	0.1745	0.2456	0.3202	1.5965
RP25/A	0.0205	0.0	0.0364	0.0521	0.0787	0.1131	0.1730	0.2124	0.2989	0.3896	1.9090
RP50/A	0.0232	0.0	0.0410	0.0588	0.0889	0.1276	0.1953	0.2396	0.3373	0.4397	2.1312
RP100/A	0.0257	0.0	0.0456	0.0653	0.0987	0.1417	0.2168	0.2661	0.3746	0.4883	2.3450
RP1000/A	0.0339	0.0	0.0600	0.0860	0.1300	0.1866	0.2856	0.3505	0.4933	0.6431	3.0163
RP10000/A	0.0417	0.0	0.0739	0.1058	0.1600	0.2297	0.3515	0.4314	0.6072	0.7916	3.6508
PMP/A	0.0838	0.0	0.1484	0.2125	0.3212	0.4613	0.7059	0.8663	1.2193	1.5896	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 1339 2	CAMARILLO VC 194	123	06	20W	DIN	P	S	34.203	119.002	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
1957	*****	*****	*****	*****	1.12	1.79	2.39	2.48	2.96	3.13	10.37
1958	*****	*****	*****	*****	0.59	0.69	1.05	1.29	1.70	1.96	20.54
1959	0.15	*****	0.20	0.23	0.40	0.68	0.78	1.14	1.36	1.42	4.43
1960	0.11	*****	0.14	0.22	0.37	0.53	0.91	1.25	1.40	1.40	7.32
1961	0.33	*****	0.53	0.80	0.99	1.10	1.34	1.50	1.80	2.25	5.69
1962	0.20	*****	0.25	0.32	0.60	0.86	1.32	1.87	2.93	3.76	17.39
1963	0.08	*****	0.15	0.25	0.40	0.65	0.83	1.01	1.28	1.85	7.71
1964	0.10	*****	0.20	0.27	0.34	0.51	0.80	0.85	0.97	1.23	5.75
1965	0.08	*****	0.22	0.34	0.60	0.89	1.33	1.60	1.80	2.83	13.54
1966	0.15	*****	0.45	0.50	0.65	0.88	1.50	1.60	2.16	2.58	12.24
1967	0.22	*****	0.35	0.38	0.49	0.70	0.91	1.27	1.69	1.93	14.48
1968	*****	*****	*****	*****	0.65	1.25	1.83	2.31	4.08	4.33	15.40
1969	*****	*****	*****	*****	0.78	1.40	2.33	2.60	2.83	3.31	18.83
1970	*****	*****	*****	*****	0.44	0.61	1.09	1.15	1.16	1.55	8.70
1971	0.05	*****	0.15	0.23	0.37	0.60	0.98	1.30	1.92	2.05	8.82
1972	0.15	*****	0.39	0.51	0.60	0.78	1.22	1.40	1.47	1.57	6.12
1973	0.12	*****	0.22	0.25	0.44	0.69	1.10	1.60	1.80	1.92	14.00
1974	0.06	*****	0.14	0.24	0.35	0.57	0.68	0.87	0.93	2.26	11.50

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 1339 2	CAMARILLO VC 194	123	06	20W	DIN	P	S	34.203	119.002	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
2	0.13	0.0	0.24	0.32	0.51	0.77	1.13	1.36	1.73	2.08	10.45
5	0.19	0.0	0.35	0.47	0.76	1.14	1.65	2.01	2.56	3.10	15.07
10	0.23	0.0	0.43	0.57	0.93	1.39	2.06	2.45	3.11	3.76	17.99
20	0.26	0.0	0.50	0.67	1.08	1.62	2.37	2.85	3.63	4.38	20.68
25	0.28	0.0	0.52	0.70	1.13	1.69	2.48	2.98	3.79	4.57	21.51
40	0.30	0.0	0.57	0.76	1.23	1.84	2.69	3.24	4.12	4.97	23.22
50	0.31	0.0	0.59	0.79	1.27	1.91	2.80	3.36	4.28	5.16	24.02
100	0.35	0.0	0.65	0.87	1.41	2.12	3.10	3.73	4.75	5.73	26.43
200	0.38	0.0	0.72	0.96	1.55	2.32	3.41	4.09	5.21	6.29	28.76
1000	0.46	0.0	0.86	1.15	1.86	2.79	4.09	4.91	6.25	7.55	33.99
10000	0.56	0.0	1.06	1.42	2.29	3.43	5.03	6.04	7.70	9.29	41.14
PMP	1.12	0.0	2.12	2.84	4.60	6.90	10.11	12.14	15.46	18.66	86.49
MEAN	0.138	0.0	0.262	0.350	0.566	0.849	1.244	1.494	1.902	2.296	11.269
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.331	0.0	1.028	1.872	1.306	1.522	1.326	1.045	1.275	0.981	0.385
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.433 ; INTERCEPT (TIME=1 HOUR) =0.559 ; COEFFICIENT OF DETERMINATION = 0.994
1HR INTERCEPT / MEAN YR =0.04967 ; AVERAGE CALC CV / USED CV = 0.97

	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
KURTOSIS	5.600	0.0	3.604	7.056	4.765	5.484	4.534	3.744	4.885	3.711	2.580
N	13	0	13	13	18	18	18	18	18	18	18
RECORD YEAR	1961	0	1961	1961	1957	1957	1957	1969	1968	1968	1958
RECORD MAXIMUM	0.330	0.0	0.530	0.800	1.120	1.790	2.390	2.600	4.080	4.330	20.540
NORMILIZED MAX	2.491	0.0	2.096	2.688	2.528	2.747	2.305	2.147	2.654	2.343	1.916
CALC. COEF. VAR	0.555	0.0	0.490	0.478	0.388	0.404	0.400	0.345	0.431	0.378	0.429
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0123	0.0	0.0232	0.0311	0.0502	0.0753	0.1104	0.1326	0.1688	0.2038	1.0000
RP10/A	0.0201	0.0	0.0380	0.0508	0.0821	0.1233	0.1807	0.2170	0.2763	0.3335	1.5965
RP25/A	0.0245	0.0	0.0462	0.0619	0.1000	0.1500	0.2198	0.2640	0.3362	0.4058	1.9090
RP50/A	0.0276	0.0	0.0522	0.0698	0.1128	0.1693	0.2481	0.2979	0.3794	0.4579	2.1312
RP100/A	0.0307	0.0	0.0579	0.0775	0.1253	0.1880	0.2755	0.3309	0.4213	0.5086	2.3450
RP1000/A	0.0404	0.0	0.0763	0.1021	0.1650	0.2476	0.3628	0.4358	0.5549	0.6698	3.0163
RP10000/A	0.0467	0.0	0.0939	0.1257	0.2031	0.3048	0.4466	0.5364	0.6830	0.8244	3.6508
PMP/A	0.0998	0.0	0.1886	0.2524	0.4078	0.6121	0.8969	1.0771	1.3715	1.6555	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 1471 19	CAMULOS RANCH	170	730	27	04N	18W	C S	34.406	118.759	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
1957	0.08	*****	0.17	0.26	0.47	0.72	1.32	1.77	2.73	2.95	12.13
1958	0.20	*****	0.25	0.31	0.41	0.65	1.15	1.50	2.42	3.13	29.74
1959	*****	*****	*****	*****	*****	*****	*****	*****	2.85	2.88	9.37
1960	0.11	*****	0.23	0.37	0.45	0.68	0.98	1.34	1.83	2.47	10.04
1961	0.12	*****	0.16	0.20	0.27	0.50	0.80	0.86	1.20	1.24	5.77
1962	0.13	*****	0.18	0.20	0.40	0.74	1.19	1.50	2.30	3.88	20.04
1963	0.19	*****	0.30	0.31	0.40	0.71	1.06	1.42	1.78	2.23	11.92
1964	0.05	*****	0.15	0.23	0.45	0.57	0.95	1.36	1.40	1.78	8.21
1965	0.15	*****	0.16	0.25	0.39	0.50	0.84	1.04	1.37	1.87	14.28
1966	0.20	*****	0.33	0.51	0.80	1.11	2.03	2.58	4.64	4.97	22.32
1967	*****	*****	*****	*****	*****	*****	*****	*****	3.57	5.62	23.59
1968	0.19	*****	0.30	0.48	0.63	0.69	1.04	1.59	1.77	3.10	15.55
1969	0.20	*****	0.34	0.36	0.58	1.11	2.17	3.04	4.49	5.51	31.79
1970	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	10.23
1971	0.07	*****	0.13	0.25	0.42	0.77	1.14	1.27	2.57	4.26	12.81
1972	0.07	*****	0.15	0.23	0.44	0.70	1.13	1.42	2.00	2.54	9.42
1973	0.07	*****	0.19	0.30	0.43	0.74	1.45	1.88	2.75	4.62	20.24
1974	0.05	*****	0.12	0.21	0.42	0.74	1.06	1.28	1.98	2.94	15.30

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 1471 19	CAMULOS RANCH	170	730	27	04N	18W	C S	34.406	118.759	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
2	0.11	0.0	0.19	0.27	0.42	0.66	1.11	1.45	2.22	2.99	14.56
5	0.17	0.0	0.29	0.40	0.62	0.98	1.65	2.15	3.30	4.45	21.00
10	0.21	0.0	0.35	0.49	0.75	1.19	2.00	2.61	4.01	5.40	25.08
20	0.24	0.0	0.40	0.57	0.88	1.39	2.32	3.05	4.67	6.29	28.83
25	0.25	0.0	0.42	0.59	0.92	1.45	2.43	3.18	4.88	6.57	29.99
40	0.27	0.0	0.46	0.65	1.00	1.58	2.66	3.46	5.31	7.14	32.37
50	0.28	0.0	0.48	0.67	1.03	1.64	2.74	3.59	5.51	7.41	33.48
100	0.31	0.0	0.53	0.74	1.15	1.82	3.05	3.99	6.12	8.23	36.84
200	0.34	0.0	0.58	0.82	1.26	2.00	3.34	4.37	6.71	9.03	40.10
1000	0.41	0.0	0.70	0.98	1.51	2.40	4.01	5.25	8.05	10.84	47.38
10000	0.51	0.0	0.86	1.21	1.86	2.95	4.94	6.46	9.91	13.34	57.35
PMP	1.02	0.0	1.72	2.42	3.74	5.92	9.92	12.97	19.91	26.80	120.56
MEAN	0.125	0.0	0.212	0.298	0.460	0.729	1.221	1.597	2.450	3.298	15.708
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.139	0.0	0.614	1.175	1.450	1.244	1.639	1.573	1.056	0.434	0.891
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.449 ; INTERCEPT (TIME=1 HOUR) =0.468 ; COEFFICIENT OF DETERMINATION = 0.990
1HR INTERCEPT / MEAN YR =0.0297B ; AVERAGE CALC CV / USED CV = 0.70

	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
KURTOSIS	1.929	0.0	2.504	4.156	6.316	5.194	5.573	6.028	4.029	2.705	3.428
N	15	0	15	15	15	15	15	15	17	17	18
RECORD YEAR	1958	0	1969	1966	1966	1966	1969	1969	1966	1967	1969
RECORD MAXIMUM	0.200	0.0	0.340	0.510	0.800	1.110	2.170	3.040	4.640	5.620	31.790
NORMALIZED MAX	1.268	0.0	1.721	2.203	2.674	2.166	2.408	2.584	2.181	1.761	2.168
CALC. COEF. VAR	0.470	0.0	0.351	0.423	0.276	0.242	0.323	0.350	0.410	0.400	0.472
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0080	0.0	0.0135	0.0190	0.0293	0.0464	0.0777	0.1016	0.1560	0.2100	1.0000
RP10/A	0.0131	0.0	0.0221	0.0310	0.0479	0.0759	0.1272	0.1664	0.2553	0.3437	1.5965
RP25/A	0.0159	0.0	0.0269	0.0378	0.0583	0.0924	0.1548	0.2024	0.3106	0.4182	1.9090
RP50/A	0.0179	0.0	0.0303	0.0426	0.0658	0.1043	0.1746	0.2284	0.3505	0.4719	2.1312
RP100/A	0.0199	0.0	0.0337	0.0474	0.0731	0.1158	0.1940	0.2537	0.3893	0.5241	2.3450
RP1000/A	0.0262	0.0	0.0444	0.0624	0.0963	0.1525	0.2554	0.3341	0.5127	0.6902	3.0163
RP10000/A	0.0323	0.0	0.0546	0.0768	0.1185	0.1877	0.3144	0.4112	0.6310	0.8495	3.6508
PMP/A	0.0648	0.0	0.1087	0.1541	0.2379	0.3769	0.6314	0.8259	1.2672	1.7060	7.6756

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
U03 3036 11	FERNDALE RANCH	173	960	16	04N	21W	M S	34.42R	119.090	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
1957	0.12	*****	0.20	0.36	0.62	1.11	1.64	2.13	3.15	3.41	16.65
1958	0.45	*****	0.52	0.53	0.82	1.35	2.01	2.30	2.90	3.97	39.19
1959	0.19	*****	0.30	0.34	0.58	1.00	1.59	2.07	2.78	2.82	10.34
1960	0.12	*****	0.25	0.30	0.40	0.76	1.15	1.53	1.85	2.58	12.50
1961	0.12	*****	0.27	0.38	0.48	0.78	1.18	1.45	1.49	1.69	9.41
1962	0.17	*****	0.27	0.35	0.57	1.07	1.55	1.93	2.63	4.90	29.28
1963	0.19	*****	0.30	0.38	0.55	1.10	1.81	2.49	4.26	4.52	15.56
1964	0.20	*****	0.45	0.60	0.90	1.42	1.88	2.23	2.90	3.27	13.39
1965	0.10	*****	0.21	0.31	0.45	0.70	1.23	1.50	1.89	2.81	16.78
1966	0.22	*****	0.63	0.80	1.03	1.54	2.90	3.77	4.87	7.26	25.69
1967	0.13	*****	0.26	0.36	0.72	1.20	2.08	2.88	3.68	4.48	33.10
1968	0.25	*****	0.60	0.66	0.73	0.77	1.16	1.68	2.60	2.88	15.08
1969	0.15	*****	0.38	0.62	1.11	2.04	3.98	5.40	8.78	10.64	50.19
1970	0.17	*****	0.45	0.51	0.57	0.75	0.95	1.25	1.92	3.38	13.29
1971	0.16	*****	0.32	0.40	0.68	1.20	1.91	2.80	4.51	5.95	19.72
1972	0.10	*****	0.15	0.28	0.41	0.66	0.90	1.24	2.12	2.55	10.50
1973	0.18	*****	0.31	0.41	0.76	1.41	2.09	2.42	4.16	6.80	31.50
1974	0.19	*****	0.38	0.64	1.10	1.89	2.69	3.40	5.50	5.89	20.38

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
U03 3036 11	FERNDALE RANCH	173	960	16	04N	21W	M S	34.42R	119.090	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
2	0.16	0.0	0.32	0.41	0.63	1.05	1.65	2.13	3.11	4.02	19.70
5	0.24	0.0	0.47	0.62	0.93	1.55	2.45	3.17	4.63	5.98	28.42
10	0.29	0.0	0.57	0.75	1.13	1.89	2.97	3.84	5.62	7.26	33.93
20	0.34	0.0	0.66	0.87	1.32	2.20	3.46	4.48	6.55	8.46	39.00
25	0.36	0.0	0.69	0.91	1.38	2.30	3.62	4.68	6.84	8.83	40.57
40	0.39	0.0	0.75	0.99	1.50	2.50	3.93	5.09	7.44	9.60	43.80
50	0.40	0.0	0.78	1.03	1.56	2.59	4.08	5.28	7.72	9.96	45.29
100	0.45	0.0	0.87	1.14	1.73	2.88	4.53	5.86	8.57	11.07	49.84
200	0.49	0.0	0.95	1.25	1.90	3.16	4.98	6.43	9.40	12.14	54.25
1000	0.59	0.0	1.14	1.50	2.28	3.79	5.97	7.72	11.28	14.57	64.11
10000	0.72	0.0	1.40	1.85	2.81	4.66	7.35	9.50	13.89	17.94	77.59
PMP	1.45	0.0	2.82	3.71	5.63	9.37	14.76	19.08	27.89	36.02	163.11
MEAN	0.178	0.0	0.347	0.457	0.693	1.153	1.817	2.348	3.433	4.433	21.253
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.470	0.0	0.797	0.849	0.632	0.765	1.373	1.576	1.740	1.431	1.224
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.429 ; INTERCEPT (TIME=1 HOUR) =0.729 ; COEFFICIENT OF DETERMINATION = 0.988
1HR INTERCEPT / MEAN YR =0.03431 ; AVERAGE CALC CV / USED CV = 0.77

	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
KURTOSIS	11.075	0.0	3.340	3.139	2.898	3.472	5.717	6.421	7.225	5.691	4.366
N	18	0	18	18	18	18	18	18	18	18	18
RECORD YEAR	1958	0	1966	1966	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	0.450	0.0	0.630	0.800	1.110	2.040	3.980	5.400	8.780	10.640	50.190
NORMILIZED MAX	3.414	0.0	2.087	2.274	1.855	2.207	2.795	2.913	3.033	2.815	2.555
CALC. COEF. VAR	0.446	0.0	0.390	0.330	0.324	0.349	0.426	0.446	0.514	0.497	0.533
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0084	0.0	0.0163	0.0215	0.0326	0.0542	0.0855	0.1105	0.1615	0.2086	1.0000
RP10/A	0.0137	0.0	0.0267	0.0352	0.0534	0.0888	0.1399	0.1809	0.2644	0.3414	1.5965
RP25/A	0.0167	0.0	0.0325	0.0428	0.0650	0.1080	0.1702	0.2201	0.3217	0.4154	1.9090
RP50/A	0.0189	0.0	0.0367	0.0484	0.0733	0.1219	0.1921	0.2483	0.3630	0.4688	2.1312
RP100/A	0.0209	0.0	0.0408	0.0537	0.0814	0.1354	0.2134	0.2758	0.4032	0.5207	2.3450
RP1000/A	0.0276	0.0	0.0537	0.0707	0.1072	0.1783	0.2810	0.3632	0.5309	0.6857	3.0163
RP10000/A	0.0339	0.0	0.0661	0.0870	0.1320	0.2195	0.3458	0.4471	0.6535	0.8440	3.6508
PMP/A	0.0682	0.0	0.1327	0.1748	0.2651	0.4407	0.6945	0.8978	1.3124	1.6949	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
U03 3050 13	FILLMORE FISH HATCHERY171	470	28	04N	19W	N	S	34.393	118.885	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
1957	0.11	*****	0.19	0.33	0.61	1.04	1.53	2.17	3.03	3.65	13.59
1958	0.17	*****	0.23	0.41	0.66	0.99	1.25	1.61	2.75	3.70	31.49
1959	0.13	*****	0.24	0.27	0.50	0.85	1.55	2.18	2.63	2.77	8.77
1960	0.13	*****	0.18	0.26	0.43	0.70	1.01	1.35	1.64	1.97	10.34
1961	0.20	*****	0.26	0.32	0.46	0.59	0.90	1.00	1.00	1.27	5.86
1962	0.12	*****	0.30	0.55	0.62	1.03	1.46	1.90	2.80	4.23	24.87
1963	0.11	*****	0.14	0.28	0.44	0.75	1.35	1.82	2.35	2.95	12.88
1964	0.13	*****	0.25	0.30	0.46	0.75	1.25	1.52	1.56	1.84	9.62
1965	0.10	*****	0.14	0.20	0.36	0.57	0.95	1.29	2.14	3.17	15.95
1966	0.16	*****	0.38	0.75	0.99	1.30	2.60	3.15	4.66	5.27	20.79
1967	0.15	*****	0.30	0.48	0.80	1.12	1.85	2.41	3.63	5.14	23.62
1968	0.13	*****	0.30	0.48	0.89	1.40	2.20	2.27	2.70	3.32	17.62
1969	0.27	*****	0.60	0.50	0.60	0.90	1.74	2.46	4.32	5.00	47.16
1970	0.13	*****	0.28	0.37	0.42	0.69	1.07	1.36	1.74	2.27	11.74
1971	0.06	*****	0.14	0.27	0.46	0.80	1.19	1.74	2.73	2.92	18.55
1972	0.06	*****	0.15	0.27	0.36	0.70	1.30	1.64	2.42	2.88	11.50
1973	0.20	*****	0.42	0.61	0.96	1.61	1.99	2.17	2.43	3.42	23.33
1974	0.05	*****	0.12	0.22	0.40	0.64	1.15	1.39	1.78	1.95	15.10

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
U03 3050 13	FILLMORE FISH HATCHERY171	470	28	04N	19W	N	S	34.393	118.885	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
2	0.12	0.0	0.22	0.34	0.53	0.83	1.33	1.69	2.33	2.91	16.37
5	0.18	0.0	0.33	0.51	0.79	1.23	1.97	2.50	3.47	4.32	23.61
10	0.22	0.0	0.40	0.62	0.96	1.49	2.40	3.04	4.21	5.25	28.19
20	0.26	0.0	0.47	0.72	1.11	1.74	2.79	3.54	4.91	6.12	32.41
25	0.27	0.0	0.49	0.75	1.16	1.82	2.91	3.70	5.12	6.39	33.71
40	0.29	0.0	0.53	0.82	1.26	1.98	3.17	4.02	5.57	6.95	36.39
50	0.30	0.0	0.55	0.85	1.31	2.05	3.29	4.17	5.78	7.21	37.64
100	0.33	0.0	0.61	0.95	1.46	2.28	3.65	4.64	6.42	8.00	41.41
200	0.37	0.0	0.67	1.04	1.60	2.50	4.01	5.09	7.05	8.78	45.08
1000	0.44	0.0	0.81	1.25	1.92	3.00	4.81	6.10	8.46	10.54	53.27
10000	0.54	0.0	0.99	1.53	2.36	3.69	5.92	7.51	10.41	12.97	64.47
PMP	1.09	0.0	2.00	3.08	4.74	7.47	11.89	15.09	20.90	26.05	135.54
MEAN	0.134	0.0	0.246	0.379	0.584	0.913	1.463	1.857	2.573	3.207	17.660
CLOCK HR. CDR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.706	0.0	0.414	0.968	0.924	1.029	1.055	0.647	0.715	0.358	1.291
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.394 ; INTERCEPT (TIME=1 HOUR) =0.586 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.03319 ; AVERAGE CALC CV / USED CV = 0.79

	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
KURTOSIS	4.537	0.0	2.682	3.757	2.916	3.840	4.130	3.853	4.008	2.649	5.271
N	18	0	18	18	18	18	18	18	18	18	18
RECORD YEAR	1969	0	1973	1966	1966	1973	1966	1966	1966	1966	1969
RECORD MAXIMUM	0.270	0.0	0.420	0.750	0.990	1.610	2.600	3.150	4.660	5.270	42.160
NORMILIZED MAX	2.509	0.0	1.866	2.423	1.920	2.380	2.472	2.426	2.234	1.781	2.716
CALC. COEF. VAR	0.405	0.0	0.381	0.404	0.362	0.321	0.314	0.287	0.363	0.361	0.511
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0076	0.0	0.0139	0.0215	0.0331	0.0517	0.0829	0.1052	0.1457	0.1816	1.0000
RP10/A	0.0124	0.0	0.0228	0.0351	0.0541	0.0846	0.1356	0.1721	0.2384	0.2972	1.5965
RP25/A	0.0151	0.0	0.0277	0.0427	0.0658	0.1029	0.1650	0.2094	0.2901	0.3616	1.9090
RP50/A	0.0170	0.0	0.0313	0.0482	0.0743	0.1162	0.1862	0.2364	0.3274	0.4081	2.1312
RP100/A	0.0189	0.0	0.0347	0.0536	0.0825	0.1290	0.2068	0.2625	0.3636	0.4532	2.3450
RP1000/A	0.0249	0.0	0.0457	0.0705	0.1087	0.1699	0.2724	0.3457	0.4789	0.5969	3.0163
RP10000/A	0.0307	0.0	0.0563	0.0868	0.1338	0.2091	0.3353	0.4255	0.5894	0.7347	3.6508
PMP/A	0.0616	0.0	0.1130	0.1743	0.2686	0.4200	0.6732	0.8545	1.1837	1.4753	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 3715 0	HALL CANYON	167	190					34.281	119.259	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
1957	0.39	*****	0.51	0.57	0.82	1.13	1.30	1.43	1.66	1.70	9.78
1958	0.35	*****	0.41	0.42	0.74	1.39	1.95	2.07	2.60	2.90	25.41
1959	0.10	*****	0.21	0.24	0.40	0.58	0.95	1.20	1.82	1.84	6.25
1960	0.11	*****	0.20	0.37	0.68	1.04	1.61	1.98	2.47	2.60	11.34
1961	0.15	*****	0.34	0.45	0.56	0.85	1.20	1.47	1.47	2.15	7.24
1962	0.17	*****	0.24	0.43	0.81	1.07	1.54	1.80	2.43	4.85	23.05
1963	0.13	*****	0.29	0.33	0.49	0.70	1.14	1.52	1.62	2.85	12.23
1964	0.20	*****	0.31	0.36	0.49	0.73	0.99	1.06	1.68	1.68	8.12
1965	0.22	*****	0.42	0.42	0.62	0.60	0.71	0.93	1.80	2.50	14.85
1966	0.23	*****	0.46	0.63	0.78	0.97	1.36	1.52	1.86	2.62	14.86
1967	0.15	*****	0.21	0.30	0.54	0.93	1.55	1.90	2.45	2.47	16.88
1968	0.15	*****	0.16	0.20	0.43	0.83	1.32	1.62	2.15	3.08	13.19
1969	0.25	*****	0.37	0.50	0.69	0.87	1.72	2.08	2.58	3.06	22.59
1970	0.40	*****	0.59	0.77	0.98	1.19	1.62	1.87	2.27	2.73	13.30
1971	0.12	*****	0.28	0.42	0.85	1.15	1.80	2.05	2.98	3.16	12.67
1972	0.06	*****	0.15	0.34	0.59	1.09	1.52	1.69	1.79	1.84	7.17
1973	0.12	*****	0.30	0.53	0.95	1.55	2.50	2.60	2.90	2.90	19.48
1974	0.31	*****	0.42	0.50	0.72	1.08	1.42	1.65	2.61	4.25	15.92

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 3715 0	HALL CANYON	167	190					34.281	119.259	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
2	0.18	0.0	0.29	0.39	0.60	0.89	1.32	1.53	1.97	2.48	13.10
5	0.27	0.0	0.44	0.58	0.89	1.32	1.96	2.28	2.93	3.68	18.89
10	0.33	0.0	0.53	0.71	1.09	1.60	2.38	2.77	3.56	4.47	22.56
20	0.38	0.0	0.62	0.82	1.27	1.87	2.78	3.23	4.15	5.21	25.93
25	0.40	0.0	0.64	0.86	1.32	1.95	2.90	3.37	4.33	5.44	26.97
40	0.43	0.0	0.70	0.94	1.44	2.12	3.15	3.66	4.71	5.92	29.12
50	0.45	0.0	0.73	0.97	1.49	2.20	3.27	3.80	4.89	6.14	30.11
100	0.50	0.0	0.81	1.08	1.66	2.45	3.63	4.22	5.43	6.82	33.13
200	0.55	0.0	0.88	1.18	1.82	2.69	3.99	4.63	5.96	7.48	36.07
1000	0.66	0.0	1.06	1.42	2.18	3.22	4.78	5.56	7.15	8.98	42.62
10000	0.81	0.0	1.31	1.75	2.68	3.97	5.89	6.84	8.80	11.05	51.58
PMP	1.63	0.0	2.62	3.51	5.39	7.97	11.83	13.74	17.67	22.20	108.44
MEAN	0.201	0.0	0.323	0.432	0.663	0.981	1.456	1.691	2.174	2.732	14.129
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.812	0.0	0.505	0.643	0.131	0.188	0.610	0.099	0.148	1.096	0.524
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.501 ; INTERCEPT (TIME=1 HOUR) =0.661 ; COEFFICIENT OF DETERMINATION = 0.993
1HR INTERCEPT / MEAN YR =0.04675 ; AVERAGE CALC CV / USED CV = 0.74

	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
KURTOSIS	3.038	0.0	2.912	4.230	2.387	3.572	4.852	3.786	2.174	5.049	2.971
N	18	0	18	18	18	18	18	18	18	18	18
RECORD YEAR	1970	0	1970	1970	1970	1973	1973	1973	1971	1962	1958
RECORD MAXIMUM	0.400	0.0	0.590	0.770	0.980	1.550	2.500	2.600	2.980	4.850	25.410
NORMALIZED MAX	1.947	0.0	2.124	2.431	1.743	2.136	2.555	2.231	1.710	2.572	1.989
CALC. COEF. VAR	0.511	0.0	0.390	0.321	0.274	0.272	0.281	0.241	0.217	0.301	0.401
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0142	0.0	0.0228	0.0306	0.0469	0.0694	0.1030	0.1197	0.1539	0.1934	1.0000
RP10/A	0.0232	0.0	0.0374	0.0501	0.0768	0.1136	0.1686	0.1959	0.2519	0.3165	1.5965
RP25/A	0.0283	0.0	0.0455	0.0609	0.0935	0.1382	0.2052	0.2384	0.3065	0.3851	1.9090
RP50/A	0.0319	0.0	0.0513	0.0688	0.1055	0.1560	0.2315	0.2690	0.3459	0.4346	2.1312
RP100/A	0.0354	0.0	0.0570	0.0764	0.1172	0.1732	0.2571	0.2987	0.3841	0.4826	2.3450
RP1000/A	0.0467	0.0	0.0751	0.1006	0.1543	0.2281	0.3386	0.3934	0.5059	0.6356	3.0163
RP10000/A	0.0574	0.0	0.0924	0.1238	0.1899	0.2808	0.4168	0.4842	0.6226	0.7824	3.6508
PMP/A	0.1153	0.0	0.1856	0.2485	0.3814	0.5639	0.8370	0.9725	1.2504	1.5711	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. 85N ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
U03 5P25 0	MOORPARK 3 SE	192	635	15	02N	19W	J S	34.257	118.848	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
1959	0.26	*****	0.36	0.47	0.62	0.86	1.09	1.39	1.70	1.75	6.74
1960	0.07	*****	0.16	0.19	0.35	0.52	0.79	1.08	1.20	1.25	7.10
1961	0.08	*****	0.18	0.25	0.36	0.51	0.73	0.73	0.93	0.98	4.09
1962	0.18	*****	0.30	0.57	0.93	1.21	1.35	1.55	2.35	2.38	16.55
1963	0.11	*****	0.15	0.20	0.33	0.54	0.81	1.05	1.42	1.97	9.25
1964	0.07	*****	0.20	0.36	0.43	0.46	0.66	0.76	1.01	1.01	7.17
1965	0.11	*****	0.14	0.21	0.30	0.44	0.66	0.78	1.01	1.90	11.77
1966	0.21	*****	0.34	0.42	0.72	1.04	1.90	2.25	2.83	3.31	15.54
1967	0.12	*****	0.20	0.31	0.54	0.97	1.70	2.15	3.12	4.32	18.70
1968	0.25	*****	0.63	0.88	1.27	1.72	2.65	2.80	3.63	3.83	16.13
1969	0.14	*****	0.40	0.60	0.91	1.42	1.92	2.16	2.42	3.69	22.70
1970	0.07	*****	0.16	0.25	0.38	0.60	0.75	0.89	1.50	1.78	8.59
1971	0.07	*****	0.12	0.15	0.29	0.56	1.02	1.48	2.25	3.04	10.77
1972	0.10	*****	0.26	0.31	0.40	0.52	0.85	1.11	1.27	1.58	6.08
1973	0.17	*****	0.30	0.36	0.47	0.85	1.29	1.76	1.97	2.45	15.31
1974	0.08	*****	0.14	0.15	0.29	0.51	0.80	1.06	1.80	3.16	12.03

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
U03 5P25 0	MOORPARK 3 SE	192	635	15	02N	19W	J S	34.257	118.848	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
2	0.12	0.0	0.23	0.32	0.49	0.72	1.08	1.30	1.72	2.18	10.92
5	0.18	0.0	0.34	0.48	0.72	1.07	1.60	1.94	2.56	3.24	15.75
10	0.21	0.0	0.41	0.58	0.88	1.30	1.94	2.35	3.11	3.93	18.81
20	0.25	0.0	0.48	0.68	1.02	1.52	2.26	2.74	3.62	4.58	21.62
25	0.26	0.0	0.50	0.71	1.07	1.58	2.36	2.86	3.79	4.78	22.49
40	0.28	0.0	0.55	0.77	1.16	1.72	2.57	3.11	4.12	5.20	24.28
50	0.29	0.0	0.57	0.80	1.21	1.79	2.66	3.23	4.27	5.39	25.11
100	0.33	0.0	0.63	0.89	1.34	1.99	2.96	3.58	4.74	5.99	27.63
200	0.36	0.0	0.69	0.97	1.47	2.18	3.25	3.93	5.21	6.57	30.07
1000	0.43	0.0	0.83	1.17	1.76	2.62	3.90	4.72	6.25	7.89	35.54
10000	0.53	0.0	1.02	1.44	2.17	3.22	4.80	5.81	7.69	9.71	43.02
PMP	1.06	0.0	2.05	2.88	4.36	6.46	9.63	11.67	15.44	19.50	90.43
MEAN	0.131	0.0	0.252	0.355	0.537	0.796	1.186	1.436	1.901	2.400	11.782
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.936	0.0	1.604	1.398	1.453	1.221	1.313	0.793	0.715	0.351	0.474
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.435 ; INTERCEPT (TIME=1 HOUR) =0.537 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.04555 ; AVERAGE CALC CV / USED CV = 1.09

	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
KURTOSIS	3.178	0.0	6.375	5.451	4.964	4.164	4.592	3.206	3.220	2.522	2.966
N	16	0	16	16	16	16	16	16	16	16	16
RECORD YEAR	1959	0	1968	1968	1968	1968	1968	1968	1968	1967	1969
RECORD MAXIMUM	0.260	0.0	0.630	0.880	1.270	1.720	2.650	2.800	3.630	4.320	22.700
NORMILIZED MAX	1.995	0.0	2.817	2.666	2.573	2.399	2.526	2.179	2.140	1.836	2.080
CALC. COEF. VAR	0.497	0.0	0.531	0.555	0.531	0.484	0.489	0.436	0.425	0.436	0.445
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0111	0.0	0.0214	0.0301	0.0456	0.0675	0.1006	0.1219	0.1613	0.2037	1.0000
RP10/A	0.0181	0.0	0.0351	0.0493	0.0746	0.1105	0.1647	0.1995	0.2640	0.3334	1.5965
RP25/A	0.0221	0.0	0.0427	0.0600	0.0907	0.1345	0.2004	0.2428	0.3213	0.4057	1.9090
RP50/A	0.0249	0.0	0.0482	0.0677	0.1024	0.1518	0.2262	0.2740	0.3625	0.4578	2.1312
RP100/A	0.0277	0.0	0.0535	0.0752	0.1137	0.1685	0.2512	0.3043	0.4026	0.5084	2.3450
RP1000/A	0.0366	0.0	0.0704	0.0990	0.1498	0.2220	0.3308	0.4007	0.5302	0.6696	3.0163
RP10000/A	0.0449	0.0	0.0867	0.1219	0.1844	0.2732	0.4071	0.4932	0.6526	0.8241	3.6508
PMP/A	0.0901	0.0	0.1741	0.2448	0.3702	0.5486	0.8176	0.9904	1.3106	1.6550	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 5826 0	MOORPARK 3 NNW	191	1050	20	03N	19W	S	34.325	118.895	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
1959	0.15	*****	0.26	0.40	0.56	0.81	1.08	1.44	1.75	1.77	7.22
1960	0.11	*****	0.15	0.23	0.36	0.54	0.92	1.40	1.65	1.87	9.59
1961	0.13	*****	0.22	0.32	0.57	0.79	0.96	1.05	1.10	1.10	5.47
1962	0.22	*****	0.35	0.50	0.75	1.15	1.55	1.77	2.40	3.58	22.26
1963	0.11	*****	0.15	0.20	0.39	0.68	1.11	1.42	1.95	2.50	11.47
1964	0.11	*****	0.27	0.34	0.49	0.74	1.41	1.62	1.62	1.70	8.94
1965	0.13	*****	0.14	0.20	0.35	0.58	0.89	1.04	1.80	2.70	14.35
1966	0.20	*****	0.26	0.38	0.53	0.74	1.42	1.72	3.23	3.60	17.45
1967	0.24	*****	0.40	0.59	0.84	1.24	1.98	2.38	4.04	5.44	25.88
1968	0.19	*****	0.45	0.65	0.98	1.31	1.91	2.18	3.55	4.03	18.59
1969	0.22	*****	0.25	0.50	0.80	1.40	1.97	2.57	3.30	4.78	27.86
1970	0.16	*****	0.28	0.37	0.48	0.62	0.86	1.11	1.51	1.95	10.94
1971	0.11	*****	0.19	0.35	0.61	1.02	1.59	1.83	2.83	4.49	14.95
1972	0.10	*****	0.25	0.40	0.65	1.08	1.73	2.05	2.25	2.45	9.92
1973	0.26	*****	0.55	0.76	1.22	1.34	1.53	1.99	2.32	3.34	22.50
1974	0.05	*****	0.12	0.20	0.39	0.61	0.88	1.07	1.72	3.13	15.38

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 5826 0	MOORPARK 3 NNW	191	1050	20	03N	19W	S	34.325	118.895	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
2	0.14	0.0	0.24	0.37	0.57	0.83	1.24	1.51	2.10	2.75	14.07
5	0.21	0.0	0.36	0.55	0.84	1.23	1.84	2.24	3.12	4.08	20.29
10	0.25	0.0	0.44	0.66	1.02	1.50	2.23	2.73	3.79	4.95	24.22
20	0.30	0.0	0.51	0.77	1.19	1.75	2.60	3.18	4.41	5.77	27.85
25	0.31	0.0	0.53	0.81	1.24	1.82	2.71	3.32	4.61	6.03	28.97
40	0.34	0.0	0.58	0.88	1.35	1.98	2.95	3.61	5.01	6.56	31.27
50	0.35	0.0	0.60	0.91	1.40	2.06	3.06	3.74	5.20	6.80	32.34
100	0.39	0.0	0.67	1.01	1.56	2.29	3.40	4.16	5.78	7.56	35.58
200	0.43	0.0	0.73	1.11	1.71	2.51	3.73	4.56	6.34	8.29	38.73
1000	0.51	0.0	0.88	1.33	2.05	3.01	4.48	5.47	7.61	9.95	45.77
10000	0.63	0.0	1.08	1.64	2.52	3.70	5.51	6.74	9.36	12.25	55.39
PMP	1.26	0.0	2.18	3.29	5.06	7.44	11.07	13.53	18.80	24.59	116.45
MEAN	0.156	0.0	0.268	0.405	0.623	0.916	1.362	1.665	2.314	3.027	15.173
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.228	0.0	0.996	0.624	1.092	0.373	0.184	0.295	0.682	0.373	0.487
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.436 ; INTERCEPT (TIME=1 HOUR) =0.612 ; COEFFICIENT OF DETERMINATION = 0.997
IHP INTERCEPT / MEAN YR =0.04031 ; AVERAGE CALC CV / USED CV = 0.83

	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
KURTOSIS	2.673	0.0	4.186	3.124	4.408	2.104	2.126	2.686	2.994	2.853	2.763
N	16	0	16	16	16	16	16	16	16	16	16
RECORD YEAR	1973	0	1973	1973	1973	1969	1967	1969	1967	1967	1969
RECORD MAXIMUM	0.260	0.0	0.550	0.760	1.220	1.400	1.980	2.570	4.040	5.440	27.860
NORMILIZED MAX	1.749	0.0	2.370	2.081	2.457	1.616	1.509	1.872	2.043	1.946	1.879
CALC. COEF. VAR	0.383	0.0	0.444	0.421	0.390	0.327	0.301	0.290	0.365	0.610	0.445
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0103	0.0	0.0177	0.0267	0.0411	0.0603	0.0898	0.1097	0.1525	0.1995	1.0000
RP10/A	0.0168	0.0	0.0289	0.0437	0.0672	0.0988	0.1469	0.1796	0.2496	0.3265	1.5965
RP25/A	0.0204	0.0	0.0352	0.0532	0.0818	0.1202	0.1788	0.2185	0.3037	0.3973	1.9090
RP50/A	0.0231	0.0	0.0397	0.0600	0.0923	0.1356	0.2017	0.2466	0.3427	0.4484	2.1312
RP100/A	0.0256	0.0	0.0441	0.0666	0.1025	0.1506	0.2240	0.2739	0.3806	0.4979	2.3450
RP1000/A	0.0337	0.0	0.0581	0.0877	0.1350	0.1984	0.2950	0.3607	0.5012	0.6557	3.0163
RP10000/A	0.0415	0.0	0.0715	0.1080	0.1662	0.2442	0.3631	0.4440	0.6170	0.8071	3.6508
PMP/A	0.0833	0.0	0.1436	0.2169	0.3337	0.4903	0.7293	0.8916	1.2390	1.6208	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 6147 0	NEWBURY PARK	188	685	11	01N	20W	S	34.188	118.950	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
1959	0.19	*****	0.19	0.22	0.37	0.59	0.65	0.87	1.20	2.20	******
1960	0.10	*****	0.18	0.27	0.41	0.52	0.97	1.18	1.37	1.39	8.24
1961	0.16	*****	0.17	0.29	0.49	0.73	0.80	0.81	1.04	1.33	5.01
1962	0.18	*****	0.30	0.42	0.82	1.02	1.19	1.48	2.21	3.10	18.06
1963	0.06	*****	0.16	0.25	0.42	0.80	1.31	1.65	1.90	2.74	8.96
1964	0.14	*****	0.36	0.55	0.65	0.75	1.01	1.09	1.11	1.50	6.95
1965	0.08	*****	0.18	0.25	0.35	0.47	0.69	0.83	1.18	1.50	11.94
1966	0.20	*****	0.29	0.41	0.58	0.93	1.78	2.08	3.35	3.80	15.40
1967	0.20	*****	0.28	0.36	0.51	0.92	1.33	1.73	2.52	3.00	16.77
1968	0.50	*****	1.05	1.25	1.36	1.41	1.95	2.23	2.46	4.43	16.07
1969	0.15	*****	0.30	0.45	0.75	1.31	2.05	2.40	2.77	3.16	21.88
1970	0.40	*****	0.49	0.52	0.60	0.65	0.87	1.21	2.13	2.20	10.35
1971	0.11	*****	0.20	0.31	0.55	1.05	1.83	2.23	3.72	5.35	8.18
1972	0.07	*****	0.15	0.30	0.39	0.76	1.39	1.91	2.21	2.78	7.89
1973	0.13	*****	0.25	0.32	0.50	0.90	1.55	1.85	2.33	3.25	19.43
1974	0.12	*****	0.19	0.26	0.43	0.80	1.22	1.50	2.47	4.03	14.32

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 6147 0	NEWBURY PARK	188	685	11	01N	20W	S	34.188	118.950	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
2	0.16	0.0	0.27	0.36	0.52	0.77	1.17	1.42	1.93	2.57	11.71
5	0.24	0.0	0.40	0.54	0.77	1.15	1.73	2.11	2.86	3.81	16.89
10	0.29	0.0	0.48	0.66	0.94	1.39	2.11	2.56	3.47	4.63	20.16
20	0.33	0.0	0.56	0.77	1.09	1.62	2.45	2.99	4.05	5.40	23.18
25	0.35	0.0	0.59	0.80	1.14	1.69	2.56	3.12	4.23	5.63	24.11
40	0.38	0.0	0.64	0.87	1.24	1.84	2.79	3.39	4.60	6.13	26.03
50	0.39	0.0	0.66	0.90	1.29	1.91	2.89	3.52	4.77	6.36	26.92
100	0.44	0.0	0.74	1.00	1.43	2.12	3.21	3.91	5.30	7.06	29.62
200	0.48	0.0	0.81	1.10	1.57	2.33	3.52	4.29	5.81	7.75	32.24
1000	0.57	0.0	0.97	1.32	1.89	2.80	4.23	5.15	6.98	9.30	38.10
10000	0.71	0.0	1.19	1.63	2.32	3.44	5.21	6.33	8.59	11.44	46.11
PMP	1.42	0.0	2.40	3.27	4.66	6.91	10.46	12.72	17.25	22.98	96.94
MEAN	0.174	0.0	0.295	0.402	0.574	0.851	1.287	1.566	2.123	2.829	12.630
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.941	0.0	3.023	3.002	2.314	0.723	0.274	-0.002	0.298	0.529	0.263
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.506 ; INTERCEPT (TIME=1 HOUR) =0.585 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.04629 ; AVERAGE CALC CV / USED CV = 1.17

	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
KURTOSIS	6.958	0.0	13.061	13.154	9.612	3.844	2.516	2.297	3.114	3.266	2.442
N	16	0	16	16	16	16	16	16	16	16	15
RECORD YEAR	1968	0	1968	1968	1968	1968	1969	1969	1971	1971	1969
RECORD MAXIMUM	0.500	0.0	1.050	1.250	1.360	1.410	2.050	2.400	3.720	5.350	21.880
NORMILIZED MAX	2.765	0.0	3.427	3.435	3.158	2.160	1.705	1.579	2.009	2.149	1.795
CALC. COEF. VAR	0.675	0.0	0.747	0.614	0.434	0.304	0.348	0.337	0.374	0.415	0.408
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0138	0.0	0.0234	0.0318	0.0454	0.0673	0.1019	0.1240	0.1681	0.2240	1.0000
RP10/A	0.0226	0.0	0.0382	0.0521	0.0744	0.1102	0.1668	0.2029	0.2751	0.3666	1.5965
RP25/A	0.0275	0.0	0.0465	0.0634	0.0905	0.1341	0.2029	0.2469	0.3348	0.4461	1.9090
RP50/A	0.0310	0.0	0.0525	0.0715	0.1021	0.1514	0.2290	0.2786	0.3778	0.5034	2.1312
RP100/A	0.0345	0.0	0.0583	0.0794	0.1134	0.1681	0.2543	0.3094	0.4196	0.5590	2.3450
RP1000/A	0.0454	0.0	0.0768	0.1046	0.1493	0.2214	0.3349	0.4075	0.5526	0.7362	3.0163
RP10000/A	0.0559	0.0	0.0945	0.1287	0.1838	0.2725	0.4122	0.5015	0.6801	0.9062	3.6508
PMP/A	0.1122	0.0	0.1898	0.2585	0.3691	0.5472	0.8279	1.0072	1.3658	1.8198	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 6569 11	VENTURA COUNTY AIRPORT16F	35						34.202	119.207	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
1957	0.24	*****	0.38	0.45	0.50	0.62	1.08	1.35	1.97	2.05	9.24
1958	0.38	*****	0.55	0.79	0.90	1.10	1.37	1.95	2.70	3.05	23.11
1959	0.07	*****	0.12	0.22	0.30	0.40	0.70	0.93	1.28	1.35	5.38
1960	0.10	*****	0.20	0.32	0.59	0.98	1.62	2.00	2.28	2.28	10.46
1961	0.33	*****	0.43	0.62	1.02	1.48	1.93	2.15	2.16	2.16	7.08
1962	0.14	*****	0.26	0.33	0.57	0.94	1.41	2.08	3.49	4.59	20.10
1963	0.10	*****	0.15	0.21	0.32	0.51	1.02	1.24	1.64	2.25	9.67
1964	0.25	*****	0.41	0.60	0.68	0.91	1.33	1.47	1.55	1.93	7.92
1965	0.11	*****	0.19	0.34	0.60	1.05	1.53	1.95	2.87	4.38	15.79
1966	0.20	*****	0.45	0.60	0.80	1.15	1.64	1.90	2.05	2.50	13.50
1967	0.15	*****	0.31	0.32	0.56	0.99	1.34	1.58	2.09	2.09	14.15
1968	0.21	*****	0.39	0.79	1.42	2.40	3.35	3.79	4.87	4.93	15.52
1969	0.35	*****	0.50	0.93	1.14	1.70	2.16	3.08	3.20	3.90	19.93
1970	0.16	*****	0.38	0.55	0.95	1.52	2.31	2.52	2.85	3.05	11.99
1971	0.20	*****	0.25	0.40	0.74	1.26	1.91	2.18	3.38	4.34	13.19
1972	0.20	*****	0.32	0.38	0.62	0.90	1.28	1.57	1.63	1.67	7.15
1973	0.21	*****	0.34	0.40	0.72	1.04	1.64	2.14	2.42	2.59	17.72
1974	0.07	*****	0.18	0.26	0.51	0.84	1.23	1.38	2.53	3.90	13.12

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 6569 11	VENTURA COUNTY AIRPORT16F	35						34.202	119.207	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
2	0.17	0.0	0.30	0.43	0.65	0.99	1.45	1.78	2.27	2.67	12.10
5	0.26	0.0	0.44	0.64	0.97	1.47	2.15	2.64	3.37	3.97	17.46
10	0.32	0.0	0.54	0.77	1.18	1.79	2.61	3.21	4.09	4.82	20.84
20	0.37	0.0	0.63	0.90	1.37	2.09	3.05	3.74	4.76	5.62	23.96
25	0.38	0.0	0.65	0.94	1.43	2.18	3.18	3.90	4.97	5.87	24.93
40	0.42	0.0	0.71	1.02	1.56	2.37	3.46	4.24	5.41	6.38	26.91
50	0.43	0.0	0.74	1.06	1.62	2.46	3.59	4.40	5.61	6.62	27.83
100	0.48	0.0	0.82	1.18	1.79	2.73	3.99	4.89	6.23	7.35	30.62
200	0.53	0.0	0.90	1.29	1.97	3.00	4.37	5.37	6.86	8.07	33.33
1000	0.63	0.0	1.08	1.55	2.36	3.60	5.25	6.44	8.21	9.68	39.38
10000	0.78	0.0	1.33	1.91	2.91	4.43	6.46	7.93	10.11	11.92	47.67
PMP	1.57	0.0	2.66	3.84	5.84	8.89	12.98	15.92	20.29	23.93	100.21
MEAN	0.193	0.0	0.328	0.472	0.719	1.094	1.597	1.959	2.498	2.945	13.057
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.607	0.0	0.269	0.755	0.860	1.243	1.537	1.183	1.122	0.475	0.375
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.453 ; INTERCEPT (TIME=1 HOUR) =0.721 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.05522 ; AVERAGE CALC CV / USED CV = 0.91

KURTOSIS	3.145	0.0	2.905	3.084	4.256	5.880	6.979	5.422	5.236	2.308	2.870
N	18	0	18	18	18	18	18	18	18	18	18
RECORD YEAR	1958	0	1969	1969	1968	1968	1968	1968	1968	1968	1958
RECORD MAXIMUM	0.380	0.0	0.590	0.920	1.420	2.400	3.350	3.790	4.870	4.930	23.110
NORMILIZED MAX	2.029	0.0	1.965	2.141	2.471	2.799	2.968	2.690	2.726	1.782	2.012
CALC. COEF. VAR	0.479	0.0	0.407	0.443	0.395	0.427	0.370	0.348	0.348	0.378	0.383
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0148	0.0	0.0251	0.0362	0.0551	0.0838	0.1223	0.1500	0.1913	0.2256	1.0000
RP10/A	0.0242	0.0	0.0411	0.0592	0.0901	0.1371	0.2002	0.2456	0.3131	0.3692	1.5965
RP25/A	0.0294	0.0	0.0500	0.0720	0.1097	0.1669	0.2436	0.2988	0.3810	0.4492	1.9090
RP50/A	0.0332	0.0	0.0564	0.0813	0.1237	0.1883	0.2749	0.3372	0.4300	0.5069	2.1312
RP100/A	0.0369	0.0	0.0627	0.0903	0.1374	0.2091	0.3053	0.3745	0.4775	0.5630	2.3450
RP1000/A	0.0485	0.0	0.0825	0.1189	0.1810	0.2754	0.4021	0.4932	0.6288	0.7414	3.0163
RP10000/A	0.0597	0.0	0.1016	0.1463	0.2228	0.3390	0.4949	0.6070	0.7740	0.9126	3.6508
PMP/A	0.1200	0.0	0.2040	0.2939	0.4474	0.6807	0.9939	1.2190	1.5543	1.8326	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
003 6862 0	PIEDRA BLANCA G S	19P	3065	36	06N	22W	P S	34.561	119.166	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
1961	0.16	*****	0.20	0.33	0.54	1.00	1.58	1.61	2.14	3.50	10.86
1962	0.13	*****	0.27	0.40	0.58	0.89	1.55	1.96	2.67	5.32	30.15
1963	0.13	*****	0.23	0.37	0.74	1.30	2.34	2.99	3.67	4.42	16.45
1964	0.07	*****	0.21	0.42	0.74	1.33	1.92	2.28	2.77	2.93	15.57
1965	0.08	*****	0.23	0.45	0.65	0.88	1.04	1.61	3.07	4.21	17.88
1966	0.13	*****	0.32	0.60	1.15	2.00	3.23	4.51	7.43	9.05	35.40
1967	0.12	*****	0.26	0.37	0.72	1.23	2.04	2.74	4.25	6.34	41.39
1968	*****	*****	*****	*****	0.40	0.65	1.16	1.54	2.35	2.65	13.56
1969	0.12	*****	0.35	0.65	1.21	2.32	3.14	5.95	6.95	10.98	61.91
1970	0.11	*****	0.33	0.42	0.79	1.23	1.67	2.05	3.88	4.75	17.61
1971	0.14	*****	0.28	0.46	0.88	1.51	2.58	3.65	5.76	8.08	19.87
1972	0.12	*****	0.22	0.30	0.50	0.91	1.55	1.99	3.17	3.47	14.07
1973	0.12	*****	0.26	0.48	0.89	1.70	3.01	3.55	5.10	7.07	34.74
1974	0.13	*****	0.21	0.39	0.69	1.24	2.42	3.06	4.76	5.27	19.08

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
003 6862 0	PIEDRA BLANCA G S	19B	3065	36	06N	22W	P S	34.561	119.166	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
2	0.11	0.0	0.24	0.39	0.68	1.18	1.89	2.56	3.76	5.06	23.08
5	0.16	0.0	0.35	0.58	1.01	1.75	2.81	3.80	5.58	7.52	33.29
10	0.20	0.0	0.42	0.71	1.23	2.13	3.42	4.62	6.78	9.14	39.75
20	0.23	0.0	0.49	0.83	1.43	2.48	3.98	5.38	7.90	10.64	45.69
25	0.24	0.0	0.52	0.86	1.49	2.59	4.16	5.62	8.25	11.12	47.53
40	0.26	0.0	0.56	0.94	1.62	2.81	4.52	6.11	8.97	12.09	51.30
50	0.27	0.0	0.58	0.98	1.68	2.92	4.69	6.34	9.30	12.54	53.06
100	0.30	0.0	0.65	1.08	1.87	3.24	5.21	7.04	10.33	13.93	58.38
200	0.33	0.0	0.71	1.19	2.05	3.56	5.72	7.73	11.34	15.29	63.55
1000	0.39	0.0	0.85	1.43	2.46	4.27	6.86	9.27	13.61	18.35	75.09
10000	0.49	0.0	1.05	1.76	3.03	5.26	8.45	11.41	16.75	22.58	90.89
PMP	0.97	0.0	2.11	3.52	6.08	10.56	16.96	22.92	33.64	45.35	191.07
MEAN	0.120	0.0	0.259	0.434	0.749	1.299	2.088	2.821	4.140	5.581	24.896
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	-0.870	0.0	0.644	1.079	0.712	0.899	0.278	1.280	0.797	0.927	1.536
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.250 ; INTERCEPT (TIME=1 HOUR) =0.751 ; COEFFICIENT OF DETERMINATION = 0.992
1HR INTERCEPT / MEAN YR =0.0301B ; AVERAGE CALC CV / USED CV = 0.54

	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
KURTOSIS	4.901	0.0	2.933	4.558	3.871	4.116	2.569	5.030	3.290	3.787	5.714
N	13	0	13	13	14	14	14	14	14	14	14
RECORD YEAR	1961	0	1969	1969	1969	1969	1966	1969	1966	1969	1969
RECORD MAXIMUM	0.160	0.0	0.350	0.650	1.210	2.320	3.230	5.950	7.430	10.980	61.910
NORMILIZED MAX	1.706	0.0	1.843	2.182	2.014	2.216	1.593	2.471	1.970	2.200	2.598
CALC. COEF. VAR	0.195	0.0	0.190	0.228	0.306	0.355	0.343	0.449	0.403	0.440	0.572
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0048	0.0	0.0104	0.0174	0.0301	0.0522	0.0839	0.1133	0.1663	0.2242	1.0000
RP10/A	0.0079	0.0	0.0170	0.0285	0.0492	0.0854	0.1373	0.1854	0.2722	0.3669	1.5965
RP25/A	0.0096	0.0	0.0207	0.0347	0.0599	0.1039	0.1670	0.2257	0.3312	0.4465	1.9090
RP50/A	0.0108	0.0	0.0234	0.0392	0.0676	0.1173	0.1885	0.2546	0.3737	0.5039	2.1312
RP100/A	0.0120	0.0	0.0260	0.0435	0.0750	0.1303	0.2093	0.2828	0.4151	0.5596	2.3450
RP1000/A	0.0158	0.0	0.0342	0.0573	0.0988	0.1716	0.2757	0.3724	0.5466	0.7369	3.0163
RP10000/A	0.0195	0.0	0.0421	0.0705	0.1217	0.2112	0.3393	0.4584	0.6728	0.9071	3.6508
PMP/A	0.0392	0.0	0.0846	0.1416	0.2443	0.4240	0.6814	0.9206	1.3511	1.8216	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 6940 2	PIRU CANYON ABOVE LAKE172	1150	15	05N	18W	P	S	34.513	118.758	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
1957	0.09	*****	0.18	0.32	0.60	1.04	2.05	2.93	4.35	4.70	14.40
1958	0.20	*****	0.35	0.42	0.60	0.85	1.50	1.77	2.82	3.65	33.00
1959	0.17	*****	0.26	0.31	0.60	0.88	1.59	2.15	2.48	2.48	9.91
1960	0.06	*****	0.14	0.24	0.40	0.76	1.21	1.52	1.85	2.32	10.22
1961	0.13	*****	0.15	0.20	0.35	0.54	0.84	1.03	1.45	1.59	16.82
1962	0.11	*****	0.26	0.43	0.72	0.92	1.41	1.82	2.92	5.53	28.10
1963	0.09	*****	0.15	0.23	0.46	0.75	1.40	1.87	2.62	3.10	11.18
1964	0.07	*****	0.20	0.27	0.52	0.99	1.34	1.64	2.32	2.32	10.67
1965	0.08	*****	0.13	0.15	0.22	0.36	0.53	0.88	*****	*****	14.85
1966	0.14	*****	0.24	0.36	0.72	1.40	2.63	3.51	5.31	5.78	24.87
1967	0.11	*****	0.32	0.55	0.78	1.05	1.47	2.18	4.35	6.17	30.02
1968	0.25	*****	0.42	0.48	0.58	0.74	1.26	1.56	2.34	2.62	14.41
1969	0.10	*****	0.29	0.42	0.80	1.26	2.47	3.55	5.09	5.96	35.51
1970	0.12	*****	0.28	0.43	0.77	0.88	1.12	1.53	2.30	3.22	12.04
1971	0.13	*****	0.20	0.37	0.60	1.12	2.15	2.81	4.33	6.83	16.73
1972	0.05	*****	0.11	0.22	0.41	0.72	1.27	1.81	3.00	3.66	11.52
1973	0.17	*****	0.37	0.61	0.85	1.36	1.84	2.30	2.80	4.45	24.25
1974	0.04	*****	0.07	0.13	0.24	0.43	0.71	0.93	1.95	3.43	16.44

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 6940 2	PIRU CANYON ABOVE LAKE172	1150	15	05N	18W	P	S	34.513	118.758	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
2	0.11	0.0	0.21	0.31	0.52	0.81	1.35	1.80	2.79	3.62	17.25
5	0.16	0.0	0.31	0.46	0.77	1.20	2.01	2.68	4.15	5.38	24.88
10	0.19	0.0	0.37	0.56	0.93	1.46	2.44	3.25	5.03	6.53	29.71
20	0.22	0.0	0.44	0.65	1.08	1.70	2.84	3.79	5.87	7.61	34.15
25	0.23	0.0	0.46	0.68	1.13	1.78	2.96	3.96	6.12	7.94	35.52
40	0.25	0.0	0.50	0.74	1.23	1.93	3.22	4.31	6.66	8.64	38.35
50	0.26	0.0	0.51	0.77	1.28	2.00	3.35	4.47	6.91	8.96	39.66
100	0.29	0.0	0.57	0.85	1.42	2.23	3.71	4.96	7.68	9.96	43.64
200	0.32	0.0	0.63	0.93	1.56	2.44	4.08	5.45	8.42	10.92	47.50
1000	0.39	0.0	0.75	1.12	1.87	2.93	4.89	6.54	10.11	13.11	56.13
10000	0.47	0.0	0.93	1.38	2.30	3.61	6.02	8.04	12.44	16.14	67.93
PMP	0.95	0.0	1.86	2.77	4.61	7.24	12.09	16.16	24.99	32.41	142.81
MEAN	0.117	0.0	0.229	0.341	0.568	0.892	1.488	1.988	3.075	3.989	18.608
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.852	0.0	0.303	0.266	-0.363	-0.005	0.446	0.671	0.727	0.359	0.840
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.360 ; INTERCEPT (TIME=1 HOUR) =0.560 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.03010 ; AVERAGE CALC CV / USED CV = 0.82

	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
KURTOSIS	4.090	0.0	2.747	2.859	2.688	3.122	3.364	3.333	2.852	2.394	2.778
N	18	0	18	18	18	18	18	18	17	17	18
RECORD YEAR	1968	0	1968	1973	1973	1966	1966	1969	1966	1971	1969
RECORD MAXIMUM	0.250	0.0	0.420	0.610	0.850	1.400	2.630	3.550	5.310	6.830	35.510
NORMILIZED MAX	2.444	0.0	1.961	1.993	1.486	1.750	2.017	1.978	1.918	1.788	2.010
CALC. COEF. VAR	0.463	0.0	0.426	0.395	0.336	0.326	0.380	0.397	0.379	0.398	0.452
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0063	0.0	0.0123	0.0183	0.0305	0.0479	0.0800	0.1069	0.1653	0.2144	1.0000
RP10/A	0.0103	0.0	0.0201	0.0300	0.0499	0.0784	0.1309	0.1749	0.2705	0.3509	1.5965
RP25/A	0.0125	0.0	0.0245	0.0365	0.0608	0.0954	0.1593	0.2128	0.3292	0.4269	1.9090
RP50/A	0.0142	0.0	0.0277	0.0412	0.0686	0.1077	0.1798	0.2402	0.3714	0.4818	2.1312
RP100/A	0.0157	0.0	0.0307	0.0458	0.0762	0.1196	0.1996	0.2667	0.4125	0.5350	2.3450
RP1000/A	0.0207	0.0	0.0404	0.0603	0.1003	0.1575	0.2629	0.3512	0.5433	0.7046	3.0163
RP10000/A	0.0255	0.0	0.0498	0.0742	0.1235	0.1939	0.3236	0.4323	0.6687	0.8673	3.6508
PMP/A	0.0512	0.0	0.0999	0.1489	0.2479	0.3893	0.6499	0.8682	1.3428	1.7417	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	MRM	LATITUDE	LONGITUDE	COUNTY
U03 7973 0	SANTA SUSANA	196	1520	19	03N	17W	K	5 34.32R	118.69R	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
1959	0.15	*****	0.23	0.31	0.46	0.74	1.12	1.75	2.16	2.16	8.81
1960	0.22	*****	0.31	0.60	0.73	0.84	1.20	1.62	1.97	1.97	11.55
1961	0.13	*****	0.22	0.28	0.39	0.60	0.80	0.92	1.13	1.55	6.64
1962	0.25	*****	0.35	0.49	0.65	1.17	1.55	1.88	2.82	4.60	25.23
1963	0.14	*****	0.23	0.25	0.45	0.80	1.27	1.60	2.15	2.75	12.47
1964	0.10	*****	0.24	0.29	0.38	0.63	1.06	1.21	1.25	1.60	10.12
1965	0.10	*****	0.20	0.30	0.42	0.66	0.86	0.86	1.40	1.85	17.06
1966	0.18	*****	0.35	0.54	0.97	1.11	1.88	2.40	4.67	5.09	22.03
1967	0.15	*****	0.35	0.50	0.80	1.00	1.56	2.01	3.37	4.72	31.17
1968	*****	*****	*****	*****	*****	*****	*****	*****	*****	3.90	18.53
1969	0.13	*****	0.30	0.45	0.70	1.22	1.83	2.34	4.12	6.32	30.82
1970	0.08	*****	0.13	0.20	0.36	0.49	0.70	0.98	1.43	2.64	10.63
1971	0.15	*****	0.25	0.39	0.58	0.85	1.46	2.02	2.84	4.58	16.95
1972	0.08	*****	0.15	0.28	0.40	0.66	1.01	1.28	2.00	2.42	9.04
1973	0.15	*****	0.30	0.42	0.68	1.20	1.68	2.33	2.86	3.44	22.01
1974	0.05	*****	0.13	0.25	0.40	0.73	1.09	1.26	2.16	3.62	16.58

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	MRM	LATITUDE	LONGITUDE	COUNTY
U03 7973 0	SANTA SUSANA	196	1520	19	03N	17W	K	5 34.32R	118.69R	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
2	0.12	0.0	0.23	0.34	0.50	0.77	1.15	1.48	2.20	3.02	15.62
5	0.19	0.0	0.34	0.50	0.74	1.14	1.71	2.20	3.26	4.48	22.53
10	0.22	0.0	0.41	0.61	0.90	1.39	2.08	2.67	3.96	5.44	26.90
20	0.26	0.0	0.48	0.71	1.05	1.62	2.42	3.11	4.62	6.34	30.93
25	0.27	0.0	0.50	0.74	1.10	1.69	2.53	3.25	4.82	6.62	32.17
40	0.30	0.0	0.54	0.80	1.19	1.84	2.75	3.53	5.25	7.20	34.73
50	0.31	0.0	0.56	0.83	1.24	1.91	2.86	3.66	5.44	7.47	35.92
100	0.34	0.0	0.62	0.92	1.38	2.12	3.17	4.07	6.05	8.30	39.52
200	0.38	0.0	0.68	1.01	1.51	2.33	3.48	4.47	6.63	9.11	43.02
1000	0.45	0.0	0.82	1.22	1.81	2.79	4.18	5.36	7.96	10.93	50.83
10000	0.56	0.0	1.01	1.50	2.23	3.44	5.14	6.60	9.80	13.46	61.53
PMP	1.12	0.0	2.03	3.01	4.48	6.90	10.33	13.25	19.68	27.02	129.34
MEAN	0.137	0.0	0.249	0.370	0.551	0.849	1.271	1.631	2.422	3.326	16.852
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.521	0.0	-0.184	0.478	0.521	0.401	0.196	0.014	0.837	0.519	0.617
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.428 ; INTERCEPT (TIME=1 HOUR) =0.558 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.03313 ; AVERAGE CALC CV / USED CV = 0.68

	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
KURTOSIS	3.896	0.0	2.556	2.550	2.357	2.396	2.525	2.294	3.718	2.871	2.942
N	15	0	15	15	15	15	15	15	15	16	16
RECORD YEAR	1962	0	1962	1960	1966	1969	1966	1966	1966	1969	1967
RECORD MAXIMUM	0.250	0.0	0.350	0.600	0.870	1.220	1.880	2.400	4.670	6.320	31.170
NORMILIZED MAX	2.132	0.0	1.318	1.873	1.844	1.535	1.636	1.455	2.170	2.090	1.861
CALC. COEF. VAR	0.385	0.0	0.306	0.332	0.313	0.284	0.293	0.324	0.428	0.431	0.457
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0081	0.0	0.0148	0.0220	0.0327	0.0504	0.0754	0.0968	0.1437	0.1973	1.0000
RP10/A	0.0133	0.0	0.0242	0.0359	0.0535	0.0825	0.1235	0.1584	0.2352	0.3230	1.5965
RP25/A	0.0162	0.0	0.0295	0.0437	0.0652	0.1004	0.1502	0.1927	0.2862	0.3930	1.9090
RP50/A	0.0183	0.0	0.0333	0.0493	0.0735	0.1133	0.1695	0.2175	0.3230	0.4435	2.1312
RP100/A	0.0203	0.0	0.0369	0.0548	0.0817	0.1258	0.1883	0.2415	0.3587	0.4925	2.3450
RP1000/A	0.0268	0.0	0.0486	0.0722	0.1075	0.1657	0.2480	0.3181	0.4724	0.6487	3.0163
RP10000/A	0.0330	0.0	0.0599	0.0888	0.1324	0.2039	0.3052	0.3915	0.5815	0.7984	3.6508
PMP/A	0.0662	0.0	0.1202	0.1784	0.2658	0.4095	0.6129	0.7862	1.1677	1.6034	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 8008 4	SATICOY FIRE STATION	175	190	02	02N	22W	S	34.285	119.156	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
1957	0.14	*****	0.25	0.32	0.58	0.95	1.20	1.34	1.52	1.68	******
1958	0.22	*****	0.48	0.67	0.90	1.40	2.17	2.37	2.39	2.75	29.26
1959	0.22	*****	0.25	0.30	0.46	0.66	0.87	1.10	1.22	1.57	6.49
1960	0.24	*****	0.38	0.58	0.79	1.12	1.60	2.02	2.20	2.30	11.36
1961	0.21	*****	0.40	0.61	0.81	1.10	1.20	1.21	1.61	2.45	7.34
1962	0.20	*****	0.30	0.47	0.67	1.25	1.53	1.78	2.89	5.77	24.48
1963	0.21	*****	0.32	0.40	0.54	0.86	1.31	1.63	2.00	2.77	11.99
1964	0.23	*****	0.37	0.56	0.63	0.81	1.30	1.50	1.54	1.54	8.53
1965	0.08	*****	0.20	0.30	0.41	0.52	0.87	1.19	2.09	2.95	14.28
1966	0.23	*****	0.35	0.45	0.69	0.89	1.39	1.50	2.02	2.69	14.82
1967	0.25	*****	0.43	0.68	0.90	1.19	1.68	2.11	2.58	2.70	19.36
1968	0.20	*****	0.60	0.82	0.88	0.91	1.43	1.92	2.64	3.10	13.85
1969	0.19	*****	0.52	0.70	0.90	1.29	2.37	2.82	3.62	4.10	24.76
1970	0.18	*****	0.41	0.60	0.82	1.02	1.63	2.08	2.58	2.99	14.16
1971	0.11	*****	0.23	0.45	0.95	1.52	2.22	2.81	3.72	5.03	14.75
1972	0.20	*****	0.45	0.68	1.09	1.45	1.93	2.34	2.45	2.45	7.47
1973	0.24	*****	0.45	0.64	0.95	1.58	2.35	2.73	3.02	3.05	21.65
1974	0.15	*****	0.24	0.29	0.44	0.63	1.15	1.63	2.79	4.40	14.43

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 8008 4	SATICOY FIRE STATION	175	190	02	02N	22W	S	34.285	119.156	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
2	0.18	0.0	0.33	0.48	0.68	0.97	1.42	1.72	2.16	2.74	14.12
5	0.26	0.0	0.50	0.71	1.00	1.43	2.11	2.55	3.21	4.07	20.37
10	0.32	0.0	0.60	0.87	1.22	1.74	2.56	3.10	3.90	4.94	24.32
20	0.37	0.0	0.70	1.01	1.42	2.03	2.99	3.61	4.54	5.75	27.96
25	0.39	0.0	0.73	1.05	1.48	2.12	3.12	3.77	4.74	6.01	29.08
40	0.42	0.0	0.80	1.15	1.61	2.30	3.39	4.10	5.16	6.53	31.39
50	0.44	0.0	0.83	1.19	1.67	2.39	3.52	4.26	5.35	6.78	32.47
100	0.49	0.0	0.92	1.32	1.86	2.66	3.91	4.73	5.95	7.53	35.72
200	0.53	0.0	1.01	1.45	2.04	2.91	4.29	5.19	6.52	8.26	38.88
1000	0.64	0.0	1.21	1.74	2.45	3.50	5.15	6.22	7.83	9.91	45.95
10000	0.79	0.0	1.49	2.14	3.01	4.30	6.34	7.66	9.64	12.20	55.62
PMP	1.58	0.0	2.99	4.30	6.05	8.64	12.73	15.38	19.36	24.51	116.92
MEAN	0.194	0.0	0.368	0.529	0.745	1.064	1.567	1.893	2.382	3.016	15.234
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	-1.211	0.0	0.266	-0.129	-0.260	0.009	0.411	0.333	0.277	1.037	0.658
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.468 ; INTERCEPT (TIME=1 HOUR) =0.749 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.04915 ; AVERAGE CALC CV / USED CV = 0.59

	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
KURTOSIS	4.305	0.0	2.922	2.400	2.480	2.570	2.658	2.499	3.185	4.241	3.181
N	18	0	18	18	18	18	18	18	18	18	17
RECORD YEAR	1967	0	1968	1968	1972	1973	1969	1969	1971	1962	1958
RECORD MAXIMUM	0.250	0.0	0.600	0.820	1.090	1.580	2.370	2.820	3.720	5.770	29.260
NORMILIZED MAX	1.190	0.0	2.092	1.799	1.721	1.649	1.699	1.662	1.938	2.405	2.112
CALC. COEF. VAR	0.240	0.0	0.301	0.306	0.269	0.294	0.302	0.294	0.290	0.380	0.436
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0128	0.0	0.0242	0.0347	0.0489	0.0698	0.1028	0.1243	0.1564	0.1980	1.0000
RP10/A	0.0209	0.0	0.0396	0.0568	0.0800	0.1143	0.1683	0.2034	0.2559	0.3240	1.5965
RP25/A	0.0254	0.0	0.0482	0.0691	0.0974	0.1391	0.2048	0.2475	0.3114	0.3943	1.9090
RP50/A	0.0287	0.0	0.0543	0.0780	0.1099	0.1570	0.2311	0.2793	0.3514	0.4450	2.1312
RP100/A	0.0319	0.0	0.0603	0.0867	0.1221	0.1743	0.2567	0.3102	0.3903	0.4942	2.3450
RP1000/A	0.0420	0.0	0.0795	0.1141	0.1607	0.2296	0.3380	0.4085	0.5140	0.6508	3.0163
RP10000/A	0.0516	0.0	0.0978	0.1405	0.1979	0.2826	0.4161	0.5028	0.6327	0.8010	3.6508
PMP/A	0.1037	0.0	0.1964	0.2821	0.3973	0.5674	0.8356	1.0098	1.2705	1.6086	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 8258 0	SIMI 3 E	193	920	11	02N	18W	L S	34.272	118.774	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
1959	0.19	*****	0.31	0.38	0.52	0.72	1.03	1.40	1.77	1.77	6.35
1960	0.10	*****	0.18	0.20	0.28	0.35	0.45	0.59	1.03	1.11	7.43
1961	0.20	*****	0.38	0.42	0.50	0.63	0.85	0.86	1.03	1.27	5.21
1962	0.17	*****	0.28	0.56	0.62	0.92	1.33	1.70	2.07	3.27	17.70
1963	0.16	*****	0.21	0.25	0.35	0.62	1.14	1.46	1.82	2.40	9.70
1964	0.08	*****	0.22	0.35	0.53	0.74	1.05	1.14	1.20	1.41	8.00
1965	0.07	*****	0.18	0.24	0.36	0.60	0.84	0.99	1.21	1.42	12.21
1966	0.17	*****	0.33	0.48	0.75	1.03	1.58	1.86	2.28	3.10	16.76
1967	0.11	*****	0.26	0.50	0.80	1.32	2.02	2.52	3.50	4.24	17.17
1968	0.36	*****	0.65	0.80	1.09	1.47	2.69	2.81	3.26	3.45	15.40
1969	0.06	*****	0.10	0.18	0.35	0.50	0.86	1.25	2.26	3.50	19.00
1970	0.09	*****	0.15	0.20	0.31	0.58	0.89	1.10	1.55	2.14	8.21
1971	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	12.16
1972	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	7.25
1973	0.11	*****	0.21	0.30	0.39	0.70	1.05	1.39	1.82	2.58	15.04
1974	0.06	*****	0.14	0.21	0.39	0.75	1.29	1.60	2.71	4.29	13.67

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 8258 0	SIMI 3 E	193	920	11	02N	18W	L S	34.272	118.774	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
2	0.13	0.0	0.23	0.33	0.47	0.71	1.11	1.34	1.78	2.33	11.08
5	0.19	0.0	0.35	0.49	0.70	1.05	1.64	1.99	2.65	3.46	15.98
10	0.23	0.0	0.42	0.59	0.85	1.28	2.00	2.42	3.22	4.20	19.08
20	0.26	0.0	0.49	0.69	0.99	1.49	2.33	2.82	3.75	4.90	21.94
25	0.27	0.0	0.51	0.72	1.03	1.55	2.43	2.94	3.91	5.11	22.82
40	0.30	0.0	0.56	0.78	1.12	1.69	2.64	3.20	4.26	5.56	24.63
50	0.31	0.0	0.58	0.81	1.16	1.75	2.74	3.32	4.42	5.77	25.48
100	0.34	0.0	0.64	0.90	1.29	1.95	3.04	3.69	4.90	6.41	28.03
200	0.38	0.0	0.70	0.99	1.42	2.14	3.34	4.04	5.38	7.03	30.51
1000	0.45	0.0	0.85	1.19	1.70	2.57	4.01	4.85	6.46	8.44	36.06
10000	0.56	0.0	1.04	1.47	2.09	3.16	4.93	5.97	7.95	10.39	43.64
PMP	1.12	0.0	2.09	2.94	4.20	6.34	9.91	12.00	15.97	20.86	91.74
MEAN	0.138	0.0	0.257	0.362	0.517	0.781	1.219	1.476	1.965	2.568	11.954
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.692	0.0	1.905	1.205	1.370	1.143	1.529	0.970	0.688	0.195	0.051
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.461 ; INTERCEPT (TIME=1 HOUR) =0.530 ; COEFFICIENT OF DETERMINATION = 0.999
IHP INTERCEPT / MEAN YR =0.04432 ; AVERAGE CALC CV / USED CV = 1.03

	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
KURTOSIS	7.070	0.0	8.026	4.905	5.128	4.464	6.164	4.375	3.341	2.380	2.064
N	14	0	14	14	14	14	14	14	14	14	16
RECORD YEAR	1968	0	1968	1968	1968	1968	1968	1968	1967	1974	1969
RECORD MAXIMUM	0.360	0.0	0.650	0.800	1.090	1.470	2.690	2.810	3.500	4.290	19.000
NORMALIZED MAX	2.766	0.0	2.858	2.672	2.495	2.226	2.600	2.194	1.964	1.577	1.546
CALC. COEF. VAR	0.583	0.0	0.535	0.489	0.444	0.397	0.464	0.412	0.398	0.425	0.381
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0115	0.0	0.0215	0.0303	0.0433	0.0653	0.1020	0.1235	0.1644	0.2148	1.0000
RP10/A	0.0189	0.0	0.0352	0.0496	0.0708	0.1069	0.1669	0.2022	0.2690	0.3516	1.5965
RP25/A	0.0230	0.0	0.0428	0.0603	0.0862	0.1301	0.2031	0.2460	0.3274	0.4278	1.9090
RP50/A	0.0259	0.0	0.0483	0.0681	0.0972	0.1468	0.2292	0.2776	0.3695	0.4828	2.1312
RP100/A	0.0288	0.0	0.0537	0.0756	0.1080	0.1630	0.2546	0.3083	0.4103	0.5362	2.3450
RP1000/A	0.0379	0.0	0.0707	0.0996	0.1422	0.2147	0.3353	0.4060	0.5403	0.7061	3.0163
RP10000/A	0.0467	0.0	0.0870	0.1226	0.1750	0.2642	0.4127	0.4997	0.6651	0.8691	3.6508
PMP/A	0.0937	0.0	0.1748	0.2461	0.3515	0.5307	0.8288	1.0035	1.3356	1.7454	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 8347 0	SOMIS 2 NNW	190	510	05	02N	20W	S	34.283	119.006	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

	DURATION										
YEAR	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
1959	0.12	*****	0.13	0.22	0.34	0.43	0.59	0.99	1.25	1.35	5.13
1960	0.04	*****	0.10	0.16	0.30	0.59	0.98	1.20	1.36	1.36	7.72
1961	0.20	*****	0.50	0.60	0.93	1.44	1.78	1.93	1.95	2.48	6.06
1962	0.10	*****	0.22	0.42	0.61	1.15	1.44	1.51	1.88	3.44	20.52
1963	0.10	*****	0.12	0.17	0.30	0.50	0.80	0.98	1.18	2.30	9.47
1964	0.21	*****	0.37	0.45	0.59	0.86	1.71	2.06	2.13	2.13	8.97
1965	0.13	*****	0.21	0.36	0.49	0.53	0.76	1.15	1.37	1.86	13.56
1966	0.15	*****	0.28	0.37	0.57	0.83	1.30	1.57	2.17	2.99	15.07
1967	0.18	*****	0.35	0.49	0.72	0.80	1.21	1.48	2.05	2.73	20.21
1968	0.22	*****	0.45	0.50	0.74	1.27	1.80	2.21	3.55	3.80	14.87
1969	0.16	*****	0.25	0.34	0.54	1.05	1.91	2.60	3.16	3.72	20.03
1970	0.23	*****	0.25	0.40	0.58	0.90	1.39	1.47	1.72	2.28	10.94
1971	0.10	*****	0.21	0.32	0.53	0.97	1.69	2.30	3.05	4.43	14.57
1972	0.14	*****	0.30	0.55	0.74	1.19	1.57	1.81	1.90	2.25	8.31
1973	0.16	*****	0.24	0.40	0.60	0.95	1.69	1.88	2.15	2.98	19.90
1974	0.06	*****	0.16	0.28	0.48	0.79	1.16	1.29	2.10	3.98	13.55

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 8347 0	SOMIS 2 NNW	190	510	05	02N	20W	S	34.283	119.006	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
2	0.13	0.0	0.23	0.34	0.53	0.81	1.24	1.50	1.87	2.50	12.10
5	0.19	0.0	0.35	0.51	0.78	1.20	1.83	2.23	2.78	3.71	17.46
10	0.24	0.0	0.42	0.62	0.95	1.46	2.23	2.70	3.37	4.51	20.84
20	0.27	0.0	0.49	0.72	1.10	1.70	2.60	3.15	3.93	5.25	23.96
25	0.29	0.0	0.52	0.75	1.15	1.77	2.71	3.29	4.10	5.49	24.92
40	0.31	0.0	0.56	0.82	1.25	1.93	2.95	3.58	4.46	5.97	26.90
50	0.32	0.0	0.58	0.85	1.30	2.00	3.06	3.71	4.63	6.19	27.82
100	0.36	0.0	0.65	0.94	1.44	2.22	3.40	4.12	5.14	6.88	30.61
200	0.39	0.0	0.71	1.03	1.59	2.44	3.73	4.52	5.64	7.55	33.32
1000	0.47	0.0	0.85	1.24	1.90	2.93	4.47	5.43	6.77	9.06	39.38
10000	0.58	0.0	1.05	1.52	2.34	3.60	5.51	6.68	8.34	11.15	47.66
PMP	1.17	0.0	2.10	3.06	4.70	7.24	11.06	13.42	16.74	22.38	100.20
MEAN	0.144	0.0	0.259	0.377	0.579	0.891	1.361	1.652	2.061	2.755	13.055
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	-0.157	0.0	0.677	-0.145	0.107	0.115	-0.518	0.356	0.872	0.206	0.127
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.427 ; INTERCEPT (TIME=1 HOUR) =0.581 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.04453 ; AVERAGE CALC CV / USED CV = 0.76

KURTOSIS	2.837	0.0	3.512	3.013	3.190	2.971	2.632	2.795	3.792	2.719	2.322
N	16	0	16	16	16	16	16	16	16	16	16
RECORD YEAR	1970	0	1961	1961	1961	1961	1969	1969	1968	1971	1962
RECORD MAXIMUM	0.230	0.0	0.500	0.600	0.930	1.440	1.910	2.600	3.550	4.430	20.520
NORMILIZED MAX	1.541	0.0	2.115	1.747	1.957	1.906	1.333	1.958	2.177	1.815	1.429
CALC. COEF. VAR	0.389	0.0	0.441	0.339	0.310	0.324	0.302	0.293	0.332	0.335	0.400
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0110	0.0	0.0198	0.0289	0.0443	0.0682	0.1043	0.1265	0.1578	0.2110	1.0000
RP10/A	0.0180	0.0	0.0324	0.0472	0.0726	0.1117	0.1707	0.2071	0.2583	0.3454	1.5965
RP25/A	0.0219	0.0	0.0395	0.0575	0.0883	0.1359	0.2077	0.2520	0.3144	0.4203	1.9090
RP50/A	0.0247	0.0	0.0445	0.0649	0.0996	0.1533	0.2343	0.2844	0.3547	0.4743	2.1312
RP100/A	0.0275	0.0	0.0495	0.0721	0.1107	0.1703	0.2603	0.3158	0.3940	0.5267	2.3450
RP1000/A	0.0362	0.0	0.0651	0.0949	0.1457	0.2242	0.3427	0.4159	0.5188	0.6937	3.0163
RP10000/A	0.0446	0.0	0.0802	0.1168	0.1794	0.2760	0.4219	0.5119	0.6386	0.8538	3.6508
PMP/A	0.0895	0.0	0.1610	0.2346	0.3602	0.5543	0.8472	1.0281	1.2825	1.7146	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (INITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. ASN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 8350 0	SOMIS 5 WNW	189	520	03	02N	21W	S	34.285	119.072	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
1959	0.28	*****	0.45	0.45	0.45	0.56	0.93	1.71	1.55	1.60	6.30
1960	0.09	*****	0.27	0.38	0.45	0.75	1.13	1.45	1.62	1.90	9.88
1961	0.20	*****	0.25	0.33	0.47	0.70	0.95	1.14	1.16	1.94	5.84
1962	0.27	*****	0.41	0.64	0.97	1.45	1.69	1.98	2.51	4.86	23.55
1963	0.07	*****	0.20	0.25	0.45	0.80	1.36	1.67	2.20	2.78	11.40
1964	0.17	*****	0.35	0.52	0.61	0.75	1.68	1.69	1.71	2.04	9.15
1965	0.13	*****	0.15	0.20	0.35	0.56	0.90	1.20	1.84	2.55	12.85
1966	0.25	*****	0.50	0.72	0.78	0.94	1.33	1.59	2.25	2.93	15.10
1967	0.17	*****	0.24	0.42	0.56	0.93	1.39	1.74	2.27	2.62	19.79
1968	0.45	*****	0.64	0.67	0.67	0.91	1.60	1.99	3.07	3.40	14.43
1969	0.12	*****	0.35	0.53	0.88	1.26	2.30	2.78	3.42	4.00	24.71
1970	0.14	*****	0.40	0.49	0.58	0.90	1.39	1.48	1.72	2.27	11.79
1971	0.12	*****	0.20	0.27	0.43	0.70	1.09	1.66	2.96	4.24	14.48
1972	0.16	*****	0.40	0.61	1.02	1.56	2.00	2.35	2.48	2.59	7.95
1973	0.25	*****	0.43	0.48	0.60	0.97	1.58	1.92	2.23	2.52	18.46
1974	0.11	*****	0.20	0.31	0.51	0.77	1.15	1.38	2.30	4.03	13.91

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 8350 0	SOMIS 5 WNW	189	520	03	02N	21W	S	34.285	119.072	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
2	0.17	0.0	0.31	0.41	0.55	0.82	1.26	1.54	2.00	2.62	12.72
5	0.25	0.0	0.46	0.61	0.82	1.22	1.88	2.29	2.97	3.90	18.35
10	0.30	0.0	0.56	0.74	1.00	1.48	2.28	2.79	3.61	4.73	21.91
20	0.36	0.0	0.65	0.87	1.17	1.73	2.65	3.25	4.21	5.52	25.19
25	0.37	0.0	0.68	0.90	1.22	1.81	2.77	3.39	4.39	5.76	26.20
40	0.40	0.0	0.74	0.98	1.32	1.96	3.01	3.69	4.78	6.26	28.28
50	0.42	0.0	0.76	1.02	1.37	2.04	3.13	3.82	4.96	6.50	29.25
100	0.46	0.0	0.85	1.13	1.53	2.26	3.47	4.25	5.51	7.22	32.18
200	0.51	0.0	0.93	1.24	1.67	2.48	3.81	4.66	6.06	7.92	35.03
1000	0.61	0.0	1.12	1.49	2.01	2.98	4.58	5.59	7.25	9.51	41.40
10000	0.75	0.0	1.38	1.84	2.47	3.67	5.63	6.89	8.92	11.70	50.11
PMP	1.51	0.0	2.76	3.69	4.97	7.37	11.31	13.83	17.92	23.50	105.33
MEAN	0.186	0.0	0.340	0.454	0.611	0.907	1.392	1.702	2.206	2.892	13.724
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.430	0.0	0.541	0.060	0.908	1.163	0.860	1.018	0.349	0.712	0.573
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.514 ; INTERCEPT (TIME=1 HOUR) =0.637 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.04640 ; AVERAGE CALC CV / USED CV = 0.80

	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
KURTOSIS	5.969	0.0	3.478	2.566	3.302	4.254	4.136	4.683	3.333	3.074	3.213
N	16	0	16	16	16	16	16	16	16	16	16
RECORD YEAR	1968	0	1968	1966	1972	1972	1969	1969	1969	1962	1969
RECORD MAXIMUM	0.450	0.0	0.640	0.720	1.020	1.560	2.300	2.780	3.420	4.860	24.710
NORMILIZED MAX	2.754	0.0	2.253	1.689	2.022	2.256	2.348	2.481	2.014	2.069	1.951
CALC. COEF. VAR	0.514	0.0	0.392	0.346	0.331	0.319	0.278	0.255	0.273	0.329	0.410
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0136	0.0	0.0248	0.0331	0.0445	0.0661	0.1014	0.1240	0.1607	0.2107	1.0000
RP10/A	0.0222	0.0	0.0405	0.0542	0.0729	0.1082	0.1660	0.2030	0.2630	0.3449	1.5965
RP25/A	0.0270	0.0	0.0493	0.0659	0.0887	0.1316	0.2020	0.2470	0.3201	0.4197	1.9090
RP50/A	0.0305	0.0	0.0557	0.0744	0.1001	0.1485	0.2279	0.2787	0.3612	0.4736	2.1312
RP100/A	0.0339	0.0	0.0618	0.0826	0.1112	0.1649	0.2531	0.3095	0.4011	0.5259	2.3450
RP1000/A	0.0446	0.0	0.0814	0.1088	0.1464	0.2172	0.3334	0.4076	0.5283	0.6926	3.0163
RP10000/A	0.0549	0.0	0.1002	0.1339	0.1802	0.2673	0.4103	0.5017	0.6502	0.8525	3.6508
PMP/A	0.1103	0.0	0.2013	0.2690	0.3619	0.5369	0.8240	1.0075	1.3058	1.7120	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U02 8905	0	THOUSAND OAKS	169	800					34.150	118.830	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
	DURATION										
1957	0.28	*****	0.38	0.53	0.69	0.78	1.21	1.65	2.06	2.17	11.89
1958	0.22	*****	0.27	0.33	0.50	0.96	1.43	1.88	2.43	3.00	27.41
1959	0.25	*****	0.33	0.50	0.77	1.13	1.71	2.32	2.79	2.79	7.58
1960	0.12	*****	0.20	0.24	0.33	0.49	0.82	1.11	1.28	1.41	8.70
1961	0.16	*****	0.22	0.38	0.53	0.70	0.90	0.91	1.09	1.32	5.40
1962	0.08	*****	0.16	0.24	0.44	0.76	1.00	1.40	2.13	3.35	18.50
1963	0.20	*****	0.29	0.39	0.53	0.92	1.59	2.10	2.54	3.46	10.95
1964	0.05	*****	0.15	0.21	0.40	0.60	0.99	1.13	1.21	1.59	8.15
1965	0.11	*****	0.24	0.27	0.36	0.56	0.82	0.97	1.40	1.66	14.26
1966	0.20	*****	0.60	0.86	1.25	1.80	2.80	3.59	5.62	6.36	22.88
1967	0.19	*****	0.39	0.55	0.85	1.20	2.19	2.99	3.65	4.99	22.70
1968	0.37	*****	0.65	1.00	1.90	2.50	3.00	3.17	3.61	5.24	18.33
1970	*****	*****	*****	*****	0.43	0.59	1.05	1.37	2.32	3.56	12.50
1971	0.20	*****	0.35	0.53	0.80	1.04	1.54	1.94	3.23	5.41	14.30
1972	0.07	*****	0.10	0.18	0.33	0.60	1.15	1.56	1.83	2.03	7.53
1973	0.17	*****	0.26	0.30	0.55	0.95	1.80	2.14	2.72	3.49	18.61
1974	0.09	*****	0.20	0.26	0.56	0.60	0.98	1.25	2.14	3.49	13.54

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB		STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 8905	0	THOUSAND OAKS	169	800					34.150	118.830	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	4H	6H	12H	24H	F-YR
2	0.16	0.0	0.27	0.43	0.59	0.86	1.33	1.68	2.24	2.95	13.26
5	0.23	0.0	0.40	0.57	0.87	1.28	1.98	2.50	3.33	4.39	19.13
10	0.28	0.0	0.49	0.69	1.06	1.56	2.41	3.03	4.05	5.33	22.84
20	0.33	0.0	0.57	0.81	1.23	1.81	2.80	3.53	4.72	6.21	26.26
25	0.34	0.0	0.60	0.84	1.29	1.89	2.93	3.69	4.93	6.48	27.31
40	0.37	0.0	0.65	0.92	1.40	2.06	3.18	4.01	5.36	7.05	29.48
50	0.39	0.0	0.67	0.95	1.45	2.14	3.30	4.16	5.56	7.31	30.45
100	0.43	0.0	0.75	1.06	1.62	2.37	3.67	4.62	6.17	8.12	33.55
200	0.47	0.0	0.82	1.16	1.77	2.60	4.02	5.07	6.77	8.91	36.52
1000	0.57	0.0	0.98	1.39	2.13	3.12	4.83	6.09	8.13	10.70	43.16
10000	0.70	0.0	1.21	1.71	2.62	3.85	5.95	7.49	10.01	13.17	52.23
PMP	1.40	0.0	2.43	3.44	5.26	7.72	11.94	15.05	20.10	26.44	109.81
MEAN	0.172	0.0	0.299	0.423	0.647	0.951	1.469	1.852	2.474	3.254	14.308
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.605	0.0	1.200	1.398	2.217	2.073	1.262	0.906	1.329	0.560	0.546
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.462 ; INTERCEPT (TIME=1 HOUR) =0.641 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.04479 ; AVERAGE CALC CV / USED CV = 1.14

KURTOSIS	3.857	0.0	4.625	4.967	8.638	7.901	4.273	3.481	6.005	2.952	2.997
N	16	0	16	16	17	17	17	17	17	17	17
RECORD YEAR	1968	0	1968	1968	1968	1968	1968	1966	1966	1966	1958
RECORD MAXIMUM	0.370	0.0	0.650	1.000	1.900	2.500	3.000	3.590	5.620	6.360	27.410
NORMILIZED MAX	2.316	0.0	2.312	2.472	3.111	3.012	2.310	2.189	2.797	2.045	2.090
CALC. COEF. VAR	0.494	0.0	0.507	0.552	0.622	0.541	0.451	0.429	0.455	0.467	0.438
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0121	0.0	0.0209	0.0296	0.0452	0.0664	0.1027	0.1294	0.1729	0.2274	1.0000
RP10/A	0.0197	0.0	0.0342	0.0484	0.0740	0.1087	0.1681	0.2118	0.2830	0.3723	1.5965
RP25/A	0.0240	0.0	0.0417	0.0589	0.0901	0.1323	0.2045	0.2578	0.3443	0.4530	1.9090
RP50/A	0.0271	0.0	0.0470	0.0665	0.1016	0.1493	0.2308	0.2909	0.3886	0.5112	2.1312
RP100/A	0.0301	0.0	0.0522	0.0738	0.1129	0.1658	0.2563	0.3230	0.4315	0.5677	2.3450
RP1000/A	0.0396	0.0	0.0688	0.0972	0.1487	0.2184	0.3376	0.4254	0.5683	0.7476	3.0163
RP10000/A	0.0488	0.0	0.0847	0.1197	0.1830	0.2688	0.4155	0.5236	0.6995	0.9202	3.6508
PMP/A	0.0980	0.0	0.1700	0.2403	0.3675	0.5398	0.8344	1.0516	1.4047	1.8479	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 9618 0	WHELLER SPRINGS 7N	4150	21	06N	23W		S	34.597	119.325	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.56	1.03	1.39	2.21	3.00	4.17	19.99
1941	*****	*****	*****	*****	0.63	1.06	1.39	2.24	2.77	4.23	******
1942	*****	*****	*****	*****	0.43	0.84	1.14	1.70	2.30	2.56	******
1943	*****	*****	*****	*****	0.95	1.68	2.40	3.98	6.05	7.69	******
1944	*****	*****	*****	*****	0.84	1.45	1.92	3.83	5.31	7.28	******
1945	*****	*****	*****	*****	0.69	1.36	1.83	3.27	4.67	5.79	******
1946	*****	*****	*****	*****	0.64	1.15	1.60	2.76	4.41	5.96	******
1947	*****	*****	*****	*****	0.44	0.57	0.70	0.99	1.01	1.02	******
1948	*****	*****	*****	*****	0.53	1.03	1.37	1.76	1.78	1.82	******
1949	0.04	0.08	0.10	0.20	0.34	0.63	0.90	1.73	3.05	4.57	******
1950	0.24	0.25	0.27	0.30	0.31	0.56	0.74	1.25	1.43	1.49	******
1951	0.09	0.17	0.17	0.24	0.38	0.67	0.88	1.32	1.48	1.87	138.30
1952	*****	*****	*****	*****	0.60	0.90	1.35	2.41	4.00	5.46	371.30
1953	0.05	0.09	0.14	0.26	0.46	0.91	1.23	2.33	3.01	3.10	64.40
1954	0.05	0.05	0.12	0.21	0.40	0.76	1.13	1.95	2.02	3.23	198.00
1955	0.08	0.12	0.16	0.25	0.33	0.56	0.80	1.26	1.96	3.78	189.20
1956	0.05	0.10	0.14	0.21	0.31	0.57	0.77	1.27	1.95	3.60	134.80
1957	0.10	0.15	0.22	0.44	0.82	1.62	2.32	3.76	5.11	6.07	277.90
1958	0.13	0.24	0.31	0.45	0.64	1.22	1.74	2.60	3.64	4.55	357.90
1959	0.09	0.14	0.23	0.45	0.67	1.21	1.69	2.93	4.14	4.37	196.30
1960	0.04	0.08	0.12	0.23	0.45	0.78	1.06	1.98	2.81	3.27	195.00
1961	0.18	0.33	0.48	0.65	0.69	0.84	1.07	1.84	2.59	2.95	128.20
1962	0.08	0.13	0.17	0.28	0.49	0.86	1.21	2.08	3.96	7.18	268.90
1963	0.16	0.32	0.43	0.67	0.94	1.38	1.73	2.86	3.84	4.63	203.80
1964	0.11	0.20	0.25	0.31	0.48	0.80	1.10	1.69	3.08	4.06	182.30

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
U03 9618 0	WHELLER SPRINGS 7N	4150	21	06N	23W		S	34.597	119.325	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.09	0.15	0.20	0.31	0.51	0.89	1.21	2.03	2.88	3.80	180.85
5	0.13	0.22	0.30	0.47	0.75	1.32	1.80	3.02	4.28	5.65	260.85
10	0.16	0.27	0.36	0.57	0.91	1.60	2.19	3.66	5.20	6.85	311.45
20	0.19	0.31	0.42	0.66	1.06	1.86	2.55	4.27	6.06	7.99	358.02
25	0.20	0.32	0.44	0.69	1.11	1.95	2.67	4.46	6.32	8.34	372.42
40	0.22	0.35	0.48	0.75	1.21	2.12	2.90	4.85	6.88	9.07	402.02
50	0.22	0.37	0.50	0.78	1.26	2.20	3.01	5.03	7.14	9.41	415.77
100	0.25	0.41	0.55	0.86	1.39	2.44	3.34	5.59	7.92	10.45	457.48
200	0.27	0.45	0.60	0.95	1.53	2.68	3.67	6.13	8.70	11.47	497.95
1000	0.33	0.53	0.73	1.14	1.84	3.21	4.40	7.36	10.44	13.77	588.45
10000	0.40	0.66	0.89	1.40	2.26	3.96	5.42	9.06	12.55	16.94	712.22
PMP	0.81	1.32	1.79	2.81	4.54	7.94	10.87	18.19	25.80	34.03	1497.28
MEAN	0.099	0.163	0.221	0.346	0.558	0.978	1.338	2.239	3.175	4.188	195.086
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.200	0.993	1.261	1.154	0.831	0.595	0.691	0.645	0.380	0.241	0.228
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.280 ; INTERCEPT (TIME=1 HOUR) =0.587 ; COEFFICIENT OF DETERMINATION = 0.994
1HR INTERCEPT / MEAN YR =0.00301 ; AVERAGE CALC CV / USED CV = 0.93

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.628	3.277	4.433	3.494	2.952	2.762	3.212	2.970	2.791	2.819	3.651
N	15	15	15	15	25	25	25	25	25	25	15
RECORD YEAR	1950	1961	1961	1963	1943	1943	1943	1943	1943	1943	1952
RECORD MAXIMUM	0.240	0.330	0.480	0.670	0.950	1.680	2.400	3.980	6.050	7.690	371.300
NORMALIZED MAX	2.446	1.967	2.293	2.062	2.085	2.106	2.263	2.071	2.185	1.941	1.834
CALC. COEF. VAR	0.579	0.523	0.513	0.454	0.336	0.341	0.351	0.375	0.415	0.431	0.492
REGN. COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
USED COEF. VAR	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.445
MEAN/A	0.0005	0.0008	0.0011	0.0018	0.0029	0.0050	0.0069	0.0115	0.0163	0.0215	1.0000
RP10/A	0.0008	0.0014	0.0019	0.0029	0.0047	0.0082	0.0112	0.0188	0.0266	0.0351	1.5965
RP25/A	0.0010	0.0017	0.0023	0.0035	0.0057	0.0100	0.0137	0.0229	0.0324	0.0428	1.9090
RP50/A	0.0011	0.0019	0.0025	0.0040	0.0064	0.0113	0.0154	0.0258	0.0366	0.0482	2.1312
RP100/A	0.0013	0.0021	0.0028	0.0044	0.0071	0.0125	0.0171	0.0286	0.0406	0.0536	2.3450
RP1000/A	0.0017	0.0027	0.0037	0.0058	0.0094	0.0165	0.0226	0.0377	0.0535	0.0706	3.0163
RP10000/A	0.0021	0.0034	0.0046	0.0072	0.0116	0.0203	0.0278	0.0464	0.0658	0.0869	3.6508
PMP/A	0.0041	0.0068	0.0092	0.0144	0.0233	0.0407	0.0557	0.0933	0.1322	0.1744	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. MSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
U06 7870 0	SAN NICOLAS ISLAND	502						33.233	119.450	VENTURA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1958	0.13	0.21	0.24	0.48	0.69	1.00	1.15	1.77	1.93	2.18	11.38
1959	0.03	0.05	0.08	0.15	0.28	0.45	0.57	0.93	1.28	1.32	******
1960	0.18	0.22	0.30	0.45	0.55	0.65	0.65	0.69	0.71	0.86	8.86
1961	0.03	0.06	0.09	0.13	0.24	0.34	0.43	0.82	1.35	1.51	4.66
1962	*****	*****	*****	*****	0.32	0.45	0.51	0.51	0.51	0.51	******
1963	0.04	0.07	0.11	0.21	0.30	0.43	0.53	0.69	0.88	0.91	6.26
1964	0.09	0.11	0.12	0.16	0.30	0.34	0.36	0.43	0.43	0.52	3.09
1965	0.07	0.11	0.15	0.30	0.47	0.74	0.96	1.42	1.99	2.34	10.90
1966	*****	*****	*****	*****	0.24	0.41	0.47	0.64	0.68	0.68	******
1967	*****	*****	*****	*****	0.21	0.33	0.39	0.48	0.55	0.89	******
1968	0.26	0.27	0.28	0.28	0.30	0.40	0.46	0.60	0.74	0.74	4.26
1969	0.10	0.11	0.11	0.15	0.26	0.41	0.44	0.82	1.19	1.40	9.77
1970	0.13	0.18	0.22	0.30	0.42	0.64	0.80	1.49	2.24	2.66	7.66
1971	0.11	0.21	0.26	0.31	0.33	0.50	0.53	0.57	0.58	0.60	4.55
1972	0.11	0.13	0.15	0.24	0.39	0.48	0.50	0.55	0.66	0.81	2.87
1973	*****	*****	*****	*****	0.55	0.71	0.76	0.76	0.76	0.76	7.08
1974	*****	*****	*****	*****	0.72	0.94	1.12	1.33	1.64	1.85	8.22

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. MSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
U06 7870 0	SAN NICOLAS ISLAND	502						33.233	119.450	VENTURA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.10	0.13	0.16	0.24	0.35	0.49	0.57	0.77	0.96	1.09	6.42
5	0.15	0.20	0.24	0.36	0.53	0.74	0.85	1.16	1.45	1.65	9.06
10	0.18	0.24	0.29	0.44	0.64	0.90	1.04	1.42	1.77	2.01	10.73
20	0.21	0.28	0.34	0.51	0.75	1.05	1.22	1.66	2.07	2.35	12.27
25	0.22	0.29	0.36	0.53	0.79	1.10	1.27	1.73	2.17	2.45	12.74
40	0.24	0.32	0.39	0.58	0.86	1.20	1.38	1.89	2.36	2.67	13.72
50	0.25	0.33	0.40	0.60	0.89	1.25	1.44	1.96	2.45	2.78	14.17
100	0.27	0.37	0.45	0.67	0.99	1.39	1.60	2.18	2.72	3.09	15.55
200	0.30	0.40	0.49	0.74	1.09	1.52	1.76	2.40	2.99	3.39	16.89
1000	0.36	0.49	0.59	0.89	1.31	1.83	2.11	2.88	3.60	4.08	19.88
10000	0.44	0.60	0.73	1.10	1.61	2.26	2.61	3.55	4.44	5.04	23.96
PMP	0.90	1.21	1.48	2.21	3.25	4.56	5.26	7.17	8.96	10.16	49.88
MEAN	0.107	0.144	0.176	0.263	0.386	0.542	0.625	0.853	1.066	1.208	6.889
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.054	0.319	0.272	0.749	1.036	1.118	1.174	1.166	0.866	0.978	0.114
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.000

SLOPE OF LOG INTENSITY / LOG TIME = -.488 ; INTERCEPT (TIME=1 HOUR) =0.371 ; COEFFICIENT OF DETERMINATION = 0.997
1HR INTERCEPT / MEAN YR =0.05384 ; AVERAGE CALC CV / USED CV = 0.92

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
XURTOSIS	5.170	2.662	2.261	3.537	3.478	3.793	3.707	3.681	2.915	3.220	2.483
N	12	12	12	12	17	17	17	17	17	17	13
RECORD YEAR	1968	1968	1960	1958	1974	1958	1958	1958	1970	1970	1958
RECORD MAXIMUM	0.260	0.270	0.300	0.480	0.720	1.000	1.150	1.770	2.240	2.660	11.380
NORMILIZED MAX	2.324	1.753	1.567	1.891	2.119	2.231	2.119	2.283	2.032	2.137	1.562
CALC. COEF. VAR	0.618	0.498	0.451	0.435	0.407	0.378	0.396	0.471	0.542	0.562	0.417
REGN. COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
USED COEF. VAR	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.494	0.416
MEAN/A	0.0155	0.0209	0.0255	0.0382	0.0561	0.0787	0.0908	0.1238	0.1547	0.1754	1.0000
RP10/A	0.0257	0.0348	0.0424	0.0635	0.0932	0.1309	0.1509	0.2058	0.2572	0.2915	1.5576
RP25/A	0.0315	0.0425	0.0518	0.0776	0.1139	0.1599	0.1844	0.2515	0.3143	0.3562	1.8498
RP50/A	0.0356	0.0481	0.0586	0.0878	0.1289	0.1809	0.2085	0.2844	0.3554	0.4029	2.0575
RP100/A	0.0396	0.0535	0.0652	0.0977	0.1434	0.2012	0.2320	0.3164	0.3954	0.4482	2.2574
RP1000/A	0.0523	0.0707	0.0862	0.1291	0.1895	0.2660	0.3067	0.4183	0.5227	0.5925	2.8849
RP10000/A	0.0645	0.0872	0.1064	0.1593	0.2338	0.3281	0.3783	0.5160	0.6448	0.7309	3.4781
PMP/A	0.1302	0.1760	0.2146	0.3215	0.4718	0.6621	0.7633	1.0412	1.3012	1.4749	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A00 2294 0	DAVIS 2WSW	60	07	08N	02E	0	M	38.525	121.775	YOLO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1942	*****	*****	*****	*****	0.29	0.39	0.44	0.64	1.01	1.30	18.35
1943	*****	*****	*****	*****	0.73	1.15	1.37	1.95	3.01	4.12	15.61
1944	*****	*****	*****	*****	0.35	0.41	0.53	0.88	1.30	2.39	19.51
1945	*****	*****	*****	*****	0.47	0.78	0.98	1.12	1.45	2.42	18.87
1946	*****	*****	*****	0.30	0.40	0.74	0.97	1.39	1.61	1.66	10.84
1947	*****	*****	*****	0.58	0.63	0.74	0.79	1.02	1.33	2.09	11.31
1948	*****	*****	0.14	0.25	0.40	0.58	0.75	1.16	1.26	1.62	16.01
1949	*****	*****	0.18	0.28	0.30	0.51	0.64	0.80	1.04	1.17	10.66
1950	*****	*****	0.25	0.30	0.39	0.60	0.74	1.10	1.62	1.91	19.95
1951	*****	*****	0.34	0.43	0.56	0.78	0.97	1.30	1.38	1.49	13.13
1952	*****	*****	0.28	0.37	0.47	0.67	0.78	0.98	1.71	1.95	20.40
1953	*****	*****	0.12	0.19	0.32	0.56	0.79	1.06	1.31	1.72	9.68
1954	*****	*****	0.33	0.36	0.44	0.53	0.71	1.25	1.81	2.29	17.26
1955	*****	*****	0.16	0.24	0.45	0.87	1.02	1.91	2.54	3.17	21.52
1956	*****	*****	0.23	0.28	0.35	0.45	0.60	1.03	1.50	1.64	12.27
1957	*****	*****	0.19	0.26	0.47	0.60	0.67	0.93	1.24	1.50	15.31
1958	*****	*****	0.46	0.55	0.71	0.93	1.15	1.65	1.91	2.94	24.73
1959	*****	*****	0.22	0.23	0.35	0.68	0.89	1.46	1.67	1.75	12.93
1960	*****	*****	0.28	0.29	0.37	0.50	0.72	1.03	1.29	1.53	14.09
1961	*****	*****	0.21	0.23	0.39	0.60	0.71	0.91	1.04	1.78	12.48
1962	*****	*****	0.38	0.51	0.63	1.11	1.46	2.43	3.54	5.19	19.86
1963	*****	*****	0.22	0.25	0.42	0.62	0.75	1.21	2.09	3.19	20.19
1964	*****	*****	0.30	0.45	0.65	0.93	1.15	2.16	2.54	2.66	14.30
1965	*****	*****	0.33	0.36	0.45	0.59	0.68	1.08	1.26	1.50	14.08
1966	0.09	0.15	0.19	0.34	0.56	0.82	1.02	1.31	1.49	1.51	14.04
1967	0.22	0.25	0.31	0.37	0.55	0.76	0.94	1.10	2.16	3.73	18.85
1968	0.13	0.17	0.20	0.28	0.42	0.60	0.85	1.26	1.63	2.24	14.74
1969	0.10	0.16	0.19	0.28	0.42	0.77	0.82	1.10	1.46	2.24	23.58
1970	*****	*****	0.40	0.45	0.59	0.83	1.02	1.27	1.40	2.33	20.83
1971	0.11	0.20	0.24	0.29	0.32	0.45	0.45	0.45	0.59	0.82	8.27
1972	*****	*****	0.36	0.47	0.67	0.82	0.89	0.98	1.20	1.24	14.10
1973	*****	*****	0.25	0.40	0.47	0.70	0.80	1.58	1.77	1.80	27.10
1974	*****	*****	0.24	0.28	0.36	0.51	0.63	0.99	1.69	1.95	14.95

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A00 2294 0	DAVIS 2WSW	60	07	08N	02E	0	M	38.525	121.775	YOLO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.17	0.24	0.32	0.44	0.64	0.79	1.15	1.53	2.01	16.00
5	0.16	0.23	0.33	0.43	0.59	0.86	1.06	1.55	2.06	2.70	20.68
10	0.19	0.27	0.38	0.50	0.68	1.00	1.23	1.80	2.39	3.15	23.33
20	0.22	0.31	0.43	0.56	0.77	1.14	1.39	2.04	2.71	3.56	25.63
25	0.22	0.32	0.45	0.59	0.80	1.18	1.44	2.11	2.80	3.69	26.32
40	0.23	0.33	0.45	0.59	0.81	1.20	1.47	2.14	2.85	3.75	27.71
50	0.25	0.35	0.49	0.65	0.88	1.30	1.59	2.33	3.10	4.08	28.34
100	0.27	0.39	0.54	0.71	0.96	1.42	1.74	2.54	3.38	4.45	30.22
200	0.29	0.42	0.58	0.76	1.04	1.54	1.88	2.75	3.66	4.82	31.99
1000	0.34	0.49	0.68	0.89	1.22	1.80	2.20	3.22	4.29	5.64	35.79
10000	0.41	0.59	0.82	1.07	1.47	2.16	2.64	3.87	5.14	6.77	40.72
PMP	0.81	1.16	1.61	2.12	2.89	4.26	5.22	7.63	10.15	13.35	95.85
MEAN	0.130	0.186	0.259	0.340	0.465	0.684	0.839	1.227	1.632	2.147	16.357
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.820	1.245	0.553	0.834	0.654	0.655	0.743	1.128	1.457	1.577	0.412
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.488 ; INTERCEPT (TIME=1 HOUR) =0.480 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.02936 ; AVERAGE CALC CV / USED CV = 0.84

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	9.523	7.456	3.113	3.110	2.638	3.458	4.063	4.802	5.948	6.112	2.899
N	5	5	27	29	33	33	33	33	33	33	33
RECORD YEAR	1967	1967	1958	1947	1943	1943	1962	1962	1962	1962	1973
RECORD MAXIMUM	0.220	0.250	0.460	0.580	0.730	1.150	1.460	2.430	3.540	5.190	27.100
NORMILIZED MAX	1.716	1.585	2.403	2.349	2.144	2.504	2.685	2.886	3.219	3.331	2.381
CALC. COEF. VAR	0.403	0.217	0.322	0.300	0.266	0.272	0.276	0.340	0.363	0.426	0.276
REGN. COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
USED COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
MEAN/A	0.0079	0.0114	0.0159	0.0208	0.0284	0.0418	0.0513	0.0750	0.0998	0.1312	1.0000
RP10/A	0.0117	0.0167	0.0232	0.0305	0.0417	0.0614	0.0752	0.1100	0.1463	0.1925	1.4266
RP25/A	0.0137	0.0195	0.0272	0.0358	0.0489	0.0719	0.0881	0.1289	0.1715	0.2256	1.6092
RP50/A	0.0151	0.0216	0.0301	0.0395	0.0540	0.0795	0.0974	0.1425	0.1895	0.2493	1.7327
RP100/A	0.0165	0.0236	0.0329	0.0432	0.0590	0.0868	0.1064	0.1556	0.2069	0.2722	1.8474
RP1000/A	0.0209	0.0299	0.0416	0.0546	0.0747	0.1099	0.1347	0.1970	0.2620	0.3447	2.1878
RP10000/A	0.0251	0.0358	0.0500	0.0656	0.0896	0.1319	0.1617	0.2365	0.3145	0.4137	2.4894
PMP/A	0.0494	0.0707	0.0986	0.1294	0.1769	0.2602	0.3190	0.4666	0.6205	0.8163	5.8600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
ARO 1112 0	BROOKS FRANHAM	294	35	11N	03W	A	M	38.76F	122.1FF	YOLO

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	0.14	0.21	0.29	0.35	0.51	0.69	0.86	1.54	2.37	2.66	41.85
1942	0.09	0.12	0.16	0.25	0.38	0.55	0.79	1.57	2.17	2.81	25.57
1943	0.11	0.15	0.22	0.29	0.55	0.78	0.96	1.32	1.48	2.40	17.90
1944	0.11	0.18	0.20	0.29	0.30	0.43	0.61	0.98	1.51	1.90	22.57
1945	0.08	0.10	0.15	0.29	0.51	0.66	0.67	0.98	1.19	1.55	22.50
1946	0.12	0.14	0.16	0.30	0.30	0.39	0.62	1.07	1.19	1.33	11.07
1947	0.16	0.20	0.22	0.26	0.36	0.61	0.64	0.81	1.00	1.47	13.52
1948	0.06	0.11	0.15	0.21	0.35	0.59	0.84	1.52	1.69	2.04	18.39
1949	0.11	0.22	0.33	0.44	0.47	0.56	0.72	0.98	1.05	1.49	13.68
1950	0.28	0.32	0.37	0.43	0.50	0.60	0.88	1.21	1.96	2.85	25.75
1951	0.08	0.12	0.18	0.31	0.58	0.69	0.86	1.35	1.53	1.73	19.40
1952	0.07	0.08	0.10	0.16	0.30	0.52	0.70	0.80	0.95	1.19	27.24
1953	0.07	0.13	0.19	0.20	0.35	0.40	0.68	0.51	0.55	0.99	12.74
1954	0.07	0.13	0.19	0.37	0.45	0.55	0.70	1.04	1.65	2.98	20.98
1955	*****	*****	0.20	0.30	0.43	0.75	1.00	1.32	1.98	3.68	19.28
1956	*****	*****	0.07	0.12	0.20	0.40	0.50	0.87	1.20	1.43	15.16
1957	*****	*****	0.18	0.30	0.45	0.82	1.07	1.15	1.48	1.72	17.66
1958	*****	*****	0.13	0.25	0.40	0.64	0.77	0.96	1.41	2.07	24.62
1959	*****	*****	0.20	0.35	0.60	0.74	0.95	1.36	1.87	1.92	14.55
1960	*****	*****	0.17	0.25	0.31	0.58	0.83	1.21	1.24	1.29	16.17
1961	*****	*****	0.15	0.22	0.40	0.53	0.58	0.91	1.26	1.97	13.85
1962	*****	*****	0.30	0.40	0.48	0.62	0.84	1.45	2.10	3.44	20.66
1963	*****	*****	0.25	0.42	0.54	0.59	0.75	1.12	1.91	3.18	20.82
1964	*****	*****	0.21	0.31	0.46	0.81	1.10	1.40	1.50	1.62	13.20
1965	*****	*****	0.30	0.35	0.50	0.66	0.82	1.23	1.51	1.59	15.77
1966	0.25	0.32	0.35	0.64	0.65	0.65	0.71	1.04	1.85	2.11	15.12
1967	*****	*****	0.15	0.21	0.37	0.63	0.86	1.50	2.40	3.60	21.73
1968	*****	*****	0.25	0.25	0.43	0.56	0.76	1.32	1.82	2.48	19.77
1969	*****	*****	0.16	0.27	0.38	0.51	0.74	1.31	2.41	2.75	27.23
1970	*****	*****	0.20	0.30	0.38	0.67	0.89	1.47	1.84	1.95	20.46
1971	*****	*****	*****	*****	0.20	0.32	0.42	0.55	0.60	0.60	11.60
1972	*****	*****	0.10	0.16	0.25	0.46	0.56	0.86	0.98	1.64	12.30
1973	*****	*****	*****	*****	0.35	0.47	0.75	1.26	1.48	2.03	25.62

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
ARO 1112 0	BROOKS FRANHAM	294	35	11N	03W	A	M	38.765	122.155	YOLO

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.11	0.16	0.19	0.28	0.38	0.55	0.70	1.07	1.44	1.92	18.93
5	0.16	0.22	0.26	0.39	0.54	0.77	0.99	1.50	2.02	2.70	24.60
10	0.18	0.26	0.31	0.46	0.64	0.91	1.17	1.77	2.39	3.20	27.82
20	0.21	0.30	0.36	0.53	0.78	1.04	1.34	2.03	2.74	3.66	30.60
25	0.22	0.31	0.37	0.55	0.76	1.08	1.39	2.11	2.84	3.80	31.44
40	0.22	0.31	0.38	0.56	0.77	1.10	1.42	2.15	2.90	3.87	33.12
50	0.25	0.34	0.41	0.61	0.85	1.20	1.55	2.35	3.17	4.24	33.89
100	0.27	0.38	0.46	0.67	0.93	1.32	1.70	2.58	3.48	4.66	36.16
200	0.29	0.41	0.49	0.73	1.01	1.44	1.85	2.81	3.79	5.06	38.31
1000	0.35	0.49	0.58	0.86	1.19	1.70	2.19	3.32	4.48	5.98	42.91
10000	0.42	0.59	0.71	1.04	1.45	2.06	2.65	4.02	5.42	7.25	48.89
PMP	0.85	1.19	1.43	2.10	2.92	4.15	5.35	8.11	10.93	14.62	115.75
MEAN	0.170	0.169	0.203	0.298	0.414	0.589	0.769	1.151	1.552	2.075	19.355
CLOCK HR. CORR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.650	1.144	0.633	1.229	0.029	-0.141	0.043	-0.486	-0.019	0.486	1.428
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.489 ; INTERCEPT (TIME=1 HOUR) =0.421 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.02173 ; AVERAGE CALC CV / USED CV = 0.84

KURTOSIS	5.504	4.079	3.264	6.641	2.858	2.874	3.127	2.907	2.864	2.876	6.858
N	15	15	31	31	33	33	33	33	33	33	33
RECORD YEAR	1950	1950	1950	1966	1966	1957	1964	1942	1967	1955	1941
RECORD MAXIMUM	0.280	0.320	0.370	0.660	0.650	0.820	1.100	1.570	2.490	3.680	41.850
NORMILIZED MAX	2.444	2.052	2.288	3.425	2.136	1.863	2.119	1.517	1.926	2.101	3.592
CALC. COEF. VAR	0.546	0.437	0.361	0.335	0.266	0.211	0.212	0.240	0.314	0.368	0.324
REGN. COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
USED COEF. VAR	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.332
MEAN/A	0.0062	0.0087	0.0105	0.0154	0.0214	0.0304	0.0392	0.0594	0.0802	0.1072	1.0000
RP10/A	0.0096	0.0134	0.0161	0.0237	0.0330	0.0469	0.0604	0.0916	0.1235	0.1651	1.4371
RP25/A	0.0114	0.0160	0.0192	0.0282	0.0392	0.0557	0.0718	0.1089	0.1469	0.1964	1.6243
RP50/A	0.0127	0.0178	0.0214	0.0314	0.0437	0.0621	0.0800	0.1214	0.1637	0.2188	1.7508
RP100/A	0.0139	0.0196	0.0235	0.0346	0.0480	0.0683	0.0880	0.1334	0.1799	0.2405	1.8683
RP1000/A	0.0179	0.0251	0.0302	0.0444	0.0617	0.0877	0.1130	0.1714	0.2312	0.3090	2.2171
RP10000/A	0.0217	0.0304	0.0366	0.0538	0.0747	0.1062	0.1369	0.2076	0.2801	0.3743	2.5262
PMP/A	0.0437	0.0614	0.0737	0.1085	0.1508	0.2143	0.2762	0.4188	0.5649	0.7551	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A00 9605 0	WHEATLAND 2NE	105	35	14N	05E	0	M	39.02E	121.39O	YUBA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	0.19	0.37	0.39	0.55	0.67	0.79	0.88	1.25	1.43	1.79	******
1941	0.15	0.22	0.25	0.42	0.52	0.66	0.75	1.17	1.44	1.52	29.23
1942	0.28	0.36	0.36	0.38	0.46	0.46	0.64	0.88	1.31	1.76	25.49
1943	0.11	0.19	0.22	0.39	0.61	0.79	0.87	1.17	1.37	1.97	16.27
1944	0.21	0.33	0.42	0.65	0.66	0.68	0.72	0.81	1.38	1.55	22.23
1945	0.21	0.37	0.46	0.50	0.50	0.55	0.63	1.07	1.09	1.79	20.66
1946	0.09	0.14	0.18	0.25	0.36	0.54	0.61	1.12	1.26	1.32	12.27
1947	0.12	0.15	0.22	0.34	0.47	0.55	0.69	0.98	1.04	1.71	12.80
1948	0.10	0.13	0.17	0.28	0.45	0.84	1.06	1.37	1.42	1.65	18.88
1949	0.17	0.27	0.33	0.41	0.44	0.44	0.48	0.68	0.87	1.58	11.85
1950	0.20	0.23	0.27	0.47	0.56	0.85	0.75	1.47	2.03	2.27	26.91
1951	0.29	0.47	0.51	0.67	0.83	1.00	1.10	1.60	1.79	2.06	18.69
1952	*****	*****	*****	*****	0.26	0.41	0.61	1.00	1.36	2.38	24.28
1953	0.10	0.12	0.19	0.23	0.30	0.42	0.57	0.74	1.00	1.88	12.94
1954	0.08	0.13	0.16	0.31	0.50	0.65	0.73	0.90	1.31	2.08	19.48
1955	0.08	0.15	0.17	0.20	0.35	0.51	0.66	1.09	1.68	2.99	20.99
1956	0.20	0.26	0.28	0.34	0.38	0.45	0.48	0.88	1.33	1.83	15.26
1957	0.18	0.26	0.28	0.36	0.48	0.55	0.60	0.93	1.15	1.62	19.18
1958	0.09	0.17	0.25	0.31	0.44	0.60	0.79	1.06	1.54	1.82	24.19
1959	0.06	0.08	0.10	0.20	0.34	0.48	0.58	1.01	1.25	1.34	12.83
1960	0.09	0.12	0.17	0.24	0.33	0.54	0.67	0.94	1.55	1.66	7.57
1961	0.07	0.14	0.17	0.19	0.29	0.67	0.79	1.04	1.27	1.27	14.67
1962	0.24	0.47	0.65	0.85	0.90	1.36	1.61	2.29	3.61	6.88	25.61
1963	0.21	0.33	0.41	0.64	0.72	0.82	1.03	1.34	1.54	2.20	22.17
1964	0.26	0.42	0.71	0.93	1.13	1.38	1.72	2.52	2.85	3.01	17.76
1965	0.23	0.42	0.49	0.81	0.94	1.00	1.00	1.07	1.16	1.38	15.41
1966	0.14	0.25	0.33	0.42	0.47	0.76	0.89	1.55	2.08	2.19	17.20
1967	0.19	0.32	0.36	0.42	0.51	0.75	0.85	1.03	1.40	1.79	19.67
1968	0.08	0.15	0.28	0.35	0.45	0.85	1.03	1.04	1.28	1.91	22.77
1969	0.12	0.24	0.36	0.62	0.76	0.88	0.93	1.04	1.51	1.95	28.61
1970	0.19	0.20	0.22	0.25	0.40	0.56	0.71	0.95	1.58	2.58	25.92
1971	0.12	0.17	0.19	0.33	0.45	0.65	0.69	0.78	1.08	1.54	14.26
1972	0.12	0.15	0.16	0.20	0.37	0.57	0.64	0.72	0.88	1.22	16.99
1973	*****	*****	*****	*****	0.57	0.77	0.96	1.80	1.82	2.10	33.17
1974	*****	*****	*****	*****	0.33	0.53	0.67	1.16	1.61	1.69	18.58

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A00 9605 0	WHEATLAND 2NE	10F	35	14N	05E	0	M	39.02O	121.39O	YUBA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.15	0.23	0.28	0.39	0.49	0.65	0.76	1.08	1.40	1.88	19.13
5	0.20	0.30	0.38	0.53	0.66	0.87	1.02	1.46	1.88	2.53	24.72
10	0.23	0.35	0.45	0.62	0.77	1.01	1.19	1.70	2.19	2.95	27.89
20	0.26	0.40	0.50	0.70	0.87	1.14	1.35	1.92	2.48	3.33	30.64
25	0.27	0.42	0.52	0.72	0.90	1.18	1.39	1.99	2.57	3.45	31.46
40	0.27	0.42	0.53	0.74	0.92	1.20	1.42	2.02	2.61	3.51	33.12
50	0.30	0.46	0.58	0.80	1.00	1.31	1.54	2.20	2.84	3.81	33.88
100	0.32	0.50	0.63	0.87	1.09	1.43	1.68	2.40	3.10	4.16	36.12
200	0.35	0.54	0.68	0.94	1.18	1.55	1.82	2.59	3.35	4.51	38.23
1000	0.41	0.63	0.80	1.11	1.38	1.81	2.13	3.04	3.92	5.27	42.78
10000	0.49	0.76	0.96	1.33	1.65	2.17	2.56	3.64	4.71	6.33	48.67
PMP	0.97	1.50	1.80	2.62	3.26	4.28	5.05	7.19	9.29	12.49	114.58
MEAN	0.155	0.242	0.303	0.421	0.525	0.689	0.811	1.156	1.493	2.008	19.553
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.360	0.630	1.134	1.044	1.373	1.481	1.880	1.930	2.470	4.229	0.264
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.557 ; INTERCEPT (TIME=1 HOUR) =0.523 ; COEFFICIENT OF DETERMINATION = 0.991
1HR INTERCEPT / MEAN YR =0.02672 ; AVERAGE CALC CV / USED CV = 1.19

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	2.280	2.586	4.282	3.590	4.759	5.662	7.438	7.302	10.886	23.966	2.938
N	32	32	32	32	35	35	35	35	35	35	34
RECORD YEAR	1951	1951	1964	1964	1964	1964	1964	1964	1962	1962	1973
RECORD MAXIMUM	0.290	0.470	0.710	0.930	1.130	1.380	1.720	2.520	3.610	6.880	33.170
NORMILIZED MAX	2.046	2.069	2.797	2.551	2.971	2.980	3.374	3.401	4.034	5.140	2.353
CALC. COEF. VAR	0.424	0.457	0.479	0.474	0.388	0.337	0.332	0.347	0.351	0.472	0.296
REGN. COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
USED COEF. VAR	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.348	0.324
MEAN/A	0.0079	0.0124	0.0155	0.0215	0.0268	0.0352	0.0415	0.0591	0.0764	0.1027	1.0000
RP10/A	0.0116	0.0181	0.0228	0.0316	0.0394	0.0517	0.0608	0.0867	0.1120	0.1506	1.4266
RP25/A	0.0137	0.0212	0.0267	0.0370	0.0461	0.0606	0.0713	0.1016	0.1313	0.1765	1.6092
RP50/A	0.0151	0.0235	0.0295	0.0409	0.0510	0.0669	0.0788	0.1123	0.1451	0.1951	1.7327
RP100/A	0.0165	0.0256	0.0322	0.0447	0.0557	0.0731	0.0860	0.1226	0.1584	0.2130	1.8474
RP1000/A	0.0209	0.0324	0.0408	0.0565	0.0705	0.0925	0.1090	0.1552	0.2006	0.2697	2.1878
RP10000/A	0.0250	0.0389	0.0489	0.0676	0.0846	0.1111	0.1308	0.1863	0.2408	0.3237	2.4894
PMP/A	0.0494	0.0768	0.0965	0.1339	0.1670	0.2191	0.2580	0.3677	0.4751	0.6388	5.8600

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A60 1462 0	CAMPTONVILLE	2755	02	1PN	08E	0	M	39.451	121.049	YUBA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1938	*****	*****	0.21	0.36	0.53	0.92	1.08	1.59	2.89	3.97	76.83
1939	*****	*****	0.50	0.68	0.86	1.00	1.03	1.09	1.74	2.92	37.00
1940	*****	*****	0.32	0.62	0.72	1.16	1.43	2.46	3.79	5.11	88.34
1941	0.13	0.18	0.25	0.39	0.60	0.92	1.10	2.04	3.34	4.87	78.83
1942	0.21	0.27	0.37	0.68	0.93	1.09	1.52	2.55	4.67	6.96	75.98
1943	0.10	0.18	0.23	0.29	0.45	0.82	1.09	1.78	3.07	5.70	55.80
1944	0.15	0.20	0.25	0.29	0.54	0.82	1.22	2.00	3.31	3.91	57.57
1945	0.18	0.29	0.39	0.47	0.71	1.07	1.29	1.76	2.41	4.47	70.83
1946	0.09	0.15	0.20	0.34	0.66	1.11	1.31	2.16	3.21	5.03	38.56
1947	0.29	0.38	0.48	0.60	0.67	1.25	1.58	2.54	3.73	4.31	43.34
1948	0.17	0.24	0.29	0.30	0.50	0.76	0.95	1.60	2.87	4.66	58.71
1949	0.10	0.15	0.19	0.28	0.44	0.64	0.85	1.41	2.10	3.99	36.21
1950	0.38	0.45	0.50	0.66	0.83	1.48	1.92	3.11	4.69	7.77	98.78
1951	0.24	0.25	0.29	0.36	0.62	0.90	1.20	1.67	2.90	4.60	72.77
1952	0.13	0.17	0.24	0.44	0.66	1.09	1.46	2.57	3.64	3.91	68.72
1953	0.25	0.35	0.38	0.56	0.84	1.23	1.43	1.96	2.63	3.20	51.95
1954	0.20	0.25	0.35	0.39	0.69	1.10	1.26	2.30	3.87	5.54	59.57
1955	0.15	0.20	0.25	0.41	0.63	0.96	1.16	2.20	3.26	6.18	72.97
1956	0.11	0.21	0.29	0.37	0.59	0.83	1.03	1.75	2.42	3.76	47.12
1957	0.13	0.76	0.39	0.45	0.84	0.90	1.00	1.65	2.93	4.74	61.79
1958	0.19	0.20	0.21	0.33	0.52	0.87	1.20	2.14	3.09	3.49	63.31
1959	0.10	0.14	0.20	0.29	0.47	0.85	1.24	1.86	2.46	3.27	38.15
1960	0.18	0.20	0.20	0.35	0.66	1.21	1.75	3.01	5.68	9.45	64.04
1961	0.15	0.21	0.25	0.28	0.36	0.57	0.77	1.19	1.79	2.16	37.66
1962	0.24	0.27	0.37	0.76	1.07	1.52	1.60	2.38	4.27	6.32	69.68
1963	0.28	0.33	0.40	0.45	0.52	1.03	1.49	2.75	4.86	6.78	58.63
1964	0.19	0.31	0.42	0.68	0.86	1.57	2.15	3.52	6.49	9.61	71.34
1965	0.20	0.25	0.29	0.49	0.74	0.98	1.21	1.95	3.03	4.82	54.28
1966	0.12	0.17	0.23	0.33	0.55	0.99	1.41	2.40	3.79	6.86	56.71
1967	0.15	0.25	0.33	0.57	1.02	1.87	2.30	2.82	3.63	6.19	59.89
1968	0.07	0.11	0.15	0.22	0.35	0.66	0.88	1.32	2.53	3.10	56.82
1969	0.13	0.25	0.29	0.44	0.60	1.00	1.20	2.40	3.60	5.50	72.75
1970	*****	*****	*****	*****	0.60	1.10	1.30	2.10	2.80	3.80	81.60
1971	*****	*****	*****	*****	0.40	0.70	0.90	1.40	2.00	3.60	49.90
1972	*****	*****	*****	*****	0.50	0.70	0.90	1.50	2.50	3.20	44.10
1973	*****	*****	0.20	0.40	0.50	0.90	1.20	1.60	3.00	5.20	79.50
1974	*****	*****	0.20	0.30	0.40	0.70	1.00	1.80	3.10	3.90	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
A60 1462 0	CAMPTONVILLE	2755	02	1PN	08E	0	M	39.451	121.049	YUBA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.16	0.22	0.28	0.41	0.59	0.95	1.20	1.94	3.09	4.64	60.01
5	0.22	0.30	0.37	0.54	0.79	1.26	1.61	2.59	4.13	6.20	75.73
10	0.25	0.35	0.43	0.63	0.92	1.47	1.87	3.01	4.80	7.20	84.64
20	0.28	0.39	0.48	0.71	1.04	1.66	2.11	3.40	5.42	8.13	92.37
25	0.29	0.40	0.50	0.74	1.08	1.72	2.18	3.52	5.61	8.42	94.68
40	0.30	0.41	0.51	0.75	1.10	1.75	2.22	3.58	5.71	8.56	99.34
50	0.33	0.45	0.55	0.81	1.19	1.90	2.41	3.88	6.20	9.30	101.46
100	0.35	0.49	0.60	0.89	1.30	2.07	2.63	4.23	6.76	10.14	107.77
200	0.38	0.53	0.65	0.96	1.40	2.24	2.84	4.58	7.31	10.97	113.71
1000	0.45	0.61	0.76	1.12	1.64	2.61	3.32	5.35	8.54	12.82	126.68
10000	0.64	0.74	0.92	1.35	1.97	3.13	3.98	6.41	10.24	15.36	143.06
PMP	1.06	1.45	1.80	2.65	3.87	6.16	7.84	12.62	20.14	30.22	328.31
MEAN	0.173	0.237	0.294	0.433	0.633	1.007	1.281	2.063	3.294	4.942	61.195
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.058	0.874	0.738	0.729	0.618	1.101	1.185	0.518	1.151	1.069	0.168
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.434 ; INTERCEPT (TIME=1 HOUR) =0.663 ; COEFFICIENT OF DETERMINATION = 0.995
1HR INTERCEPT / MEAN YR =0.01083 ; AVERAGE CALC CV / USED CV = 0.92

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	4.568	4.205	2.856	2.708	3.091	4.835	4.777	3.180	4.975	4.322	2.797
N	29	29	34	34	37	37	37	37	37	37	36
RECORD YEAR	1950	1950	1939	1962	1962	1967	1967	1964	1964	1964	1950
RECORD MAXIMUM	0.380	0.450	0.500	0.740	1.070	1.870	2.300	3.520	6.490	9.610	98.780
NORMALIZED MAX	2.972	2.801	2.168	2.183	2.438	3.118	2.961	2.602	3.125	2.744	2.435
CALC. COEF. VAR	0.404	0.321	0.322	0.325	0.284	0.275	0.269	0.271	0.310	0.344	0.252
REGN. COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
USED COEF. VAR	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.291
MEAN/A	0.0028	0.0039	0.0048	0.0071	0.0103	0.0165	0.0209	0.0337	0.0538	0.0808	1.0000
RP10/A	0.0041	0.0056	0.0070	0.0103	0.0151	0.0240	0.0305	0.0491	0.0784	0.1177	1.3832
RP25/A	0.0048	0.0066	0.0082	0.0121	0.0176	0.0281	0.0357	0.0575	0.0918	0.1376	1.5472
RP50/A	0.0053	0.0073	0.0091	0.0133	0.0195	0.0310	0.0394	0.0634	0.1013	0.1519	1.6580
RP100/A	0.0058	0.0079	0.0099	0.0145	0.0212	0.0338	0.0430	0.0692	0.1105	0.1658	1.7611
RP1000/A	0.0073	0.0100	0.0125	0.0183	0.0268	0.0427	0.0543	0.0874	0.1396	0.2095	2.0668
RP10000/A	0.0088	0.0120	0.0150	0.0220	0.0321	0.0512	0.0651	0.1048	0.1674	0.2511	2.3377
PMP/A	0.0173	0.0237	0.0294	0.0432	0.0632	0.1007	0.1280	0.2061	0.3292	0.4938	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
RSN ORDER SUF										
X27 9890 2	YUMA ARIZONA AP NWS	194	10	09S	23W	B	G	32.668	114.606	ARIZONA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	0.27	0.50	0.72	0.98	1.00	1.01	1.01	1.10	*****	1.01	6.71
1942	0.24	0.48	0.63	0.93	1.01	1.06	1.06	1.06	*****	1.06	2.41
1943	0.23	0.46	0.58	1.02	1.23	1.24	1.24	1.24	*****	1.25	2.42
1944	0.17	0.18	0.18	0.19	0.24	0.37	0.39	0.41	*****	0.49	4.07
1945	0.26	0.44	0.67	0.95	0.98	0.98	0.98	0.98	*****	1.35	4.10
1946	0.18	0.20	0.28	0.35	0.36	0.36	0.37	0.38	*****	0.88	2.25
1947	0.18	0.27	0.28	0.29	0.29	0.29	0.29	0.29	*****	0.29	1.03
1948	0.11	0.14	0.15	0.15	0.15	0.23	*****	0.51	*****	1.03	1.83
1949	*****	*****	*****	*****	0.16	*****	*****	0.55	*****	1.58	3.98
1950	*****	*****	*****	*****	0.26	*****	*****	0.37	*****	0.45	1.42
1951	0.20	0.31	0.47	0.52	0.52	0.52	0.52	0.72	*****	0.90	2.95
1952	*****	*****	*****	*****	0.35	0.38	0.38	0.38	*****	0.69	2.92
1953	0.02	0.02	0.02	0.03	0.05	0.10	0.12	0.17	*****	0.18	0.31
1954	0.10	0.11	0.11	0.12	0.12	0.12	0.12	0.12	*****	0.24	0.61
1955	0.13	0.22	0.24	0.39	0.56	0.58	0.66	0.67	*****	0.67	2.85
1956	*****	*****	*****	*****	0.15	*****	*****	0.20	*****	0.20	0.30
1957	*****	*****	*****	0.47	0.47	0.47	0.93	1.36	*****	2.09	4.84
1958	0.22	0.36	0.42	0.67	1.04	1.06	1.09	1.23	*****	1.36	4.02
1959	0.11	0.16	0.15	0.16	0.26	0.34	0.36	0.38	*****	0.41	1.63
1960	0.08	0.13	0.17	0.24	0.27	0.28	0.30	0.38	*****	0.44	1.42
1961	0.04	0.06	0.07	0.09	0.14	0.24	0.34	0.44	*****	1.37	2.17
1962	0.04	0.05	0.06	0.07	0.13	0.18	0.21	0.31	*****	0.47	1.14
1963	0.40	0.73	0.85	1.31	2.04	2.40	2.42	2.42	*****	2.42	4.48
1964	0.25	0.50	0.64	0.74	0.78	0.78	0.78	0.78	*****	0.78	1.98
1965	0.20	0.22	0.25	0.35	0.38	0.44	0.44	*****	*****	1.08	4.85
1966	0.02	0.04	0.05	0.09	0.17	0.22	0.27	*****	*****	0.37	1.01
1967	0.28	0.31	0.32	0.38	0.64	0.75	0.81	*****	*****	1.88	4.77
1968	0.10	0.19	0.21	0.24	0.26	0.30	0.32	*****	*****	0.86	1.67
1969	0.12	0.17	0.25	0.30	0.44	0.59	0.90	*****	*****	1.42	3.43
1970	0.19	0.38	0.45	0.84	1.06	1.13	1.14	1.14	*****	1.14	2.66
1971	0.10	0.16	0.21	0.39	0.50	0.82	1.06	1.25	*****	1.27	2.46
1972	0.13	0.19	0.21	0.26	0.46	0.70	0.90	1.21	*****	2.20	3.28
1973	0.10	0.14	0.17	0.22	0.32	0.47	0.54	0.62	*****	0.62	1.89
1974	0.03	0.05	0.07	0.11	0.16	0.20	0.23	0.23	*****	0.41	1.19
1975	0.09	0.15	0.17	0.21	0.22	0.22	0.22	0.22	0.23	0.26	1.20

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
RSN ORDER SUF										
X27 9890 2	YUMA ARIZONA AP NWS	194	10	09S	23W	B	G	32.668	114.606	ARIZONA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.20	0.24	0.34	0.39	0.47	0.53	0.57	0.0	0.76	2.32
5	0.21	0.34	0.42	0.59	0.68	0.82	0.92	0.98	0.0	1.32	3.65
10	0.28	0.45	0.55	0.77	0.90	1.08	1.21	1.29	0.0	1.74	4.50
20	0.35	0.56	0.69	0.96	1.12	1.34	1.50	1.61	0.0	2.16	5.29
25	0.37	0.59	0.73	1.02	1.19	1.43	1.60	1.71	0.0	2.29	5.53
40	0.42	0.66	0.82	1.15	1.34	1.60	1.79	1.92	0.0	2.58	5.66
50	0.44	0.70	0.87	1.21	1.41	1.69	1.89	2.02	0.0	2.71	6.28
100	0.51	0.81	1.00	1.40	1.63	1.95	2.18	2.33	0.0	3.13	7.00
200	0.58	0.91	1.13	1.58	1.84	2.21	2.47	2.65	0.0	3.56	7.70
1000	0.73	1.17	1.45	2.02	2.35	2.82	3.15	3.38	0.0	4.53	9.27
10000	0.96	1.53	1.89	2.64	3.08	3.69	4.13	4.42	0.0	5.93	11.43
PMP	1.63	2.59	3.21	4.48	5.21	6.26	7.00	7.49	0.0	10.05	24.05
MEAN	0.153	0.243	0.302	0.421	0.491	0.588	0.658	0.704	0.0	0.946	2.579
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.574	0.998	0.942	1.069	1.816	2.070	1.715	1.432	0.0	0.786	0.660
REGIONAL SKEW	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100
SKEW USED	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.614 ; INTERCEPT (TIME=1 HOUR) =0.472 ; COEFFICIENT OF DETERMINATION = 0.982
1HR INTERCEPT / MEAN YR =0.18317 ; AVERAGE CALC CV / USED CV = 1.16

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	3.475	3.904	3.118	3.398	7.132	9.231	7.860	6.008	0.0	3.235	3.307
N	30	30	30	31	35	32	31	30	1	35	35
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1963	0	1963	1941
RECORD MAXIMUM	0.400	0.730	0.850	1.310	2.040	2.400	2.420	2.420	0.0	2.420	6.710
NORMILIZED MAX	2.717	2.846	2.436	2.620	3.671	3.888	3.693	3.378	0.0	2.481	2.745
CALC. COEF. VAR	0.594	0.703	0.746	0.805	0.860	0.792	0.725	0.721	0.0	0.628	0.584
REGN. COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
USED COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
MEAN/A	0.0593	0.0944	0.1170	0.1634	0.1902	0.2282	0.2552	0.2731	0.0	0.3668	1.0000
RP10/A	0.1090	0.1733	0.2148	0.3000	0.3493	0.4190	0.4686	0.5016	0.0	0.6735	1.7442
RP25/A	0.1439	0.2288	0.2836	0.3961	0.4613	0.5533	0.6187	0.6623	0.0	0.8892	2.1465
RP50/A	0.1703	0.2708	0.3357	0.4688	0.5459	0.6548	0.7323	0.7838	0.0	1.0524	2.4346
RP100/A	0.1967	0.3128	0.3878	0.5415	0.6306	0.7564	0.8459	0.9054	0.0	1.2156	2.7131
RP1000/A	0.2846	0.4523	0.5607	0.7831	0.9118	1.0937	1.2231	1.3091	0.0	1.7578	3.5938
RP10000/A	0.3721	0.5918	0.7336	1.0246	1.1931	1.4311	1.6004	1.7129	0.0	2.3000	4.4326
PMP/A	0.6307	1.0031	1.2436	1.7367	2.0223	2.4258	2.7128	2.9036	0.0	3.8986	9.3250

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
BSN OPDEF SUP										
G80 5678 26	MINDEN NEVADA	4700	32	13N	20E		M	38.950	119.767	NEVADA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
	DURATION										
1940	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	11.91
1941	*****	*****	*****	*****	0.34	0.35	0.37	0.42	0.65	1.19	10.93
1942	*****	*****	*****	*****	0.22	0.36	0.49	0.94	1.18	1.62	10.44
1943	*****	*****	*****	*****	0.33	0.55	0.66	1.04	1.81	2.75	11.25
1944	*****	*****	*****	*****	0.26	0.42	0.56	0.70	0.82	1.02	6.19
1945	*****	*****	*****	*****	0.65	0.76	0.77	0.77	0.94	1.56	13.10
1946	*****	*****	*****	*****	0.29	0.51	0.52	0.52	0.92	1.08	7.31
1947	*****	*****	*****	*****	0.16	0.23	0.27	0.28	0.28	0.30	2.80
1948	*****	*****	*****	*****	0.68	0.79	0.80	0.80	0.80	0.95	5.91
1949	*****	*****	*****	*****	0.30	0.33	0.43	0.56	0.62	0.83	5.52
1950	*****	*****	*****	*****	0.27	0.53	0.76	1.36	2.24	2.88	13.59
1951	*****	*****	*****	*****	0.25	0.38	0.41	0.48	0.65	1.11	7.60
1952	*****	*****	*****	*****	0.19	0.30	0.33	0.60	0.79	0.84	9.67
1953	*****	*****	*****	*****	0.23	0.40	0.52	0.74	0.78	0.82	4.77
1954	*****	*****	*****	*****	0.14	0.22	0.32	0.53	0.85	0.92	5.60
1955	*****	*****	*****	*****	0.26	0.49	0.61	1.10	1.94	3.04	10.75
1956	*****	*****	*****	*****	0.28	0.28	0.28	0.48	0.61	0.61	5.36
1957	*****	*****	*****	*****	0.48	0.48	0.48	0.54	0.82	1.10	7.41
1958	*****	*****	*****	*****	0.19	0.30	0.45	0.70	0.88	1.00	8.59
1959	*****	*****	*****	*****	0.15	0.20	0.25	0.33	0.48	0.65	4.48
1960	*****	*****	*****	*****	*****	*****	*****	*****	0.40	*****	5.64
1961	*****	*****	*****	*****	0.42	0.57	0.62	1.00	1.23	1.23	6.17
1962	*****	*****	*****	*****	0.22	0.32	0.41	0.73	1.31	1.57	9.95
1963	*****	*****	*****	*****	0.25	0.45	0.67	1.02	1.63	3.17	13.07
1964	*****	*****	*****	*****	0.26	0.46	0.57	0.89	1.79	2.05	8.86
1965	*****	*****	*****	*****	0.77	1.20	1.30	1.30	1.30	1.30	11.31
1966	*****	*****	*****	*****	0.21	0.34	0.46	0.77	1.11	1.30	4.79
1967	*****	*****	*****	*****	0.40	0.60	0.68	0.70	0.70	0.70	8.63
1968	*****	*****	*****	*****	0.20	0.40	0.47	0.70	1.07	1.45	7.48
1969	*****	*****	*****	*****	0.25	0.40	0.50	0.74	1.93	1.10	12.57
1970	*****	*****	*****	*****	0.50	0.50	0.60	0.70	0.92	1.40	9.98
1971	*****	*****	*****	*****	0.30	0.30	0.50	0.50	0.60	0.70	10.00
1972	*****	*****	*****	*****	0.30	0.40	0.40	0.40	0.50	0.50	5.00
1973	*****	*****	*****	*****	0.40	0.60	0.70	0.70	0.90	1.00	13.40
1974	*****	*****	*****	*****	0.30	0.40	0.40	0.60	0.60	0.90	5.46

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
BSN OPDEF SUE										
G80 5678 26	MINDEN NEVADA	4700	32	13N	20E		M	38.950	119.767	NEVADA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.29	0.41	0.48	0.65	0.91	1.17	8.18
5	0.0	0.0	0.0	0.0	0.42	0.59	0.70	0.94	1.31	1.70	10.56
10	0.0	0.0	0.0	0.0	0.50	0.71	0.84	1.13	1.58	2.04	11.96
20	0.0	0.0	0.0	0.0	0.58	0.82	0.97	1.31	1.84	2.37	13.21
25	0.0	0.0	0.0	0.0	0.61	0.86	1.02	1.37	1.92	2.47	13.58
40	0.0	0.0	0.0	0.0	0.66	0.93	1.10	1.49	2.08	2.69	14.35
50	0.0	0.0	0.0	0.0	0.68	0.97	1.14	1.55	2.16	2.79	14.70
100	0.0	0.0	0.0	0.0	0.76	1.07	1.27	1.71	2.40	3.09	15.75
200	0.0	0.0	0.0	0.0	0.83	1.18	1.39	1.88	2.63	3.39	16.75
1000	0.0	0.0	0.0	0.0	1.00	1.41	1.67	2.26	3.16	4.07	18.93
10000	0.0	0.0	0.0	0.0	1.23	1.74	2.06	2.78	3.89	5.02	21.82
PMP	0.0	0.0	0.0	0.0	2.38	3.37	3.98	5.38	7.52	9.70	48.21
MEAN	0.0	0.0	0.0	0.0	0.317	0.449	0.531	0.716	1.001	1.292	8.443
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	1.605	2.034	1.759	0.708	0.997	1.455	0.127
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.526 ; INTERCEPT (TIME=1 HOUR) =0.318 ; COEFFICIENT OF DETERMINATION = 0.998
1MR INTERCEPT / MEAN YR =0.03772 ; AVERAGE CALC CV / USED CV = 0.99

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	5.464	9.239	8.689	3.578	3.450	4.704	2.060
N	0	0	0	0	33	33	33	33	34	33	35
RECORD YEAR	0	0	0	0	1965	1965	1965	1950	1950	1963	1950
RECORD MAXIMUM	0.0	0.0	0.0	0.0	0.770	1.200	1.300	1.360	2.240	3.170	13.590
NORMILIZED MAX	0.0	0.0	0.0	0.0	3.003	3.880	3.837	2.502	2.537	2.596	1.695
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.477	0.431	0.378	0.359	0.487	0.560	0.360
REGN. COEF. VAR	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.314
USED COEF. VAR	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.314
MEAN/A	0.0	0.0	0.0	0.0	0.0375	0.0532	0.0628	0.0849	0.1186	0.1530	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0593	0.0841	0.0994	0.1342	0.1876	0.2420	1.4171
RP25/A	0.0	0.0	0.0	0.0	0.0718	0.1019	0.1204	0.1625	0.2272	0.2931	1.6088
RP50/A	0.0	0.0	0.0	0.0	0.0809	0.1148	0.1356	0.1830	0.2559	0.3302	1.7408
RP100/A	0.0	0.0	0.0	0.0	0.0898	0.1273	0.1504	0.2031	0.2839	0.3663	1.8651
RP1000/A	0.0	0.0	0.0	0.0	0.1182	0.1676	0.1980	0.2673	0.3737	0.4822	2.2421
RP10000/A	0.0	0.0	0.0	0.0	0.1456	0.2065	0.2440	0.3294	0.4604	0.5941	2.5848
PMP/A	0.0	0.0	0.0	0.0	0.2817	0.3995	0.4720	0.6372	0.8908	1.1494	5.7100

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
G90 9514 26	WELLINGTON R S NEVADA	4800	02	10N	23E		M	38.750	119.383	NEVADA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1942	*****	*****	*****	*****	0.50	0.72	0.72	0.72	0.72	0.72	******
1943	*****	*****	*****	*****	0.60	0.65	0.65	0.81	1.10	1.89	9.33
1944	*****	*****	*****	*****	0.30	0.37	0.40	0.45	0.45	0.73	6.67
1945	*****	*****	*****	*****	0.35	0.51	0.62	1.05	1.45	2.34	12.74
1946	*****	*****	*****	*****	0.46	0.59	0.74	1.01	1.49	1.86	8.64
1947	*****	*****	*****	*****	0.31	0.35	0.35	0.35	0.35	0.35	2.98
1948	*****	*****	*****	*****	0.32	0.38	0.38	0.42	0.57	0.62	4.72
1949	*****	*****	*****	*****	0.35	0.60	0.73	0.82	0.85	1.35	7.53
1950	*****	*****	*****	*****	0.33	0.55	0.76	1.03	1.12	1.12	7.93
1951	*****	*****	*****	*****	0.21	0.41	0.46	0.66	0.67	0.76	8.82
1952	*****	*****	*****	*****	0.22	0.30	0.35	0.49	0.56	0.58	8.50
1953	*****	*****	*****	*****	0.17	0.16	0.20	0.46	0.50	0.54	7.16
1954	*****	*****	*****	*****	0.16	0.29	0.42	0.72	1.27	1.30	6.65
1955	*****	*****	*****	*****	0.26	0.36	0.50	0.97	1.03	2.43	9.75
1956	*****	*****	*****	*****	0.27	0.40	0.50	0.61	0.61	0.86	5.86
1957	*****	*****	*****	*****	0.23	0.36	0.42	0.54	0.77	0.96	8.64
1958	*****	*****	*****	*****	0.42	0.42	0.42	0.59	0.75	0.87	11.01
1959	*****	*****	*****	*****	0.18	0.30	0.36	0.49	0.63	0.97	4.51
1960	*****	*****	*****	*****	0.54	1.02	1.05	1.08	1.10	1.15	7.56
1961	*****	*****	*****	*****	0.50	0.62	0.85	1.10	1.14	1.20	6.89
1962	*****	*****	*****	*****	0.28	0.36	0.43	0.83	0.89	1.02	12.64
1963	*****	*****	*****	*****	0.49	0.52	0.52	0.59	0.81	1.13	12.55
1964	*****	*****	*****	*****	0.20	0.30	0.30	0.56	0.58	0.60	7.18
1965	*****	*****	*****	*****	0.20	0.40	0.50	0.80	1.00	1.40	13.32
1966	*****	*****	*****	*****	0.20	0.40	0.50	0.70	0.90	1.10	5.24
1967	*****	*****	*****	*****	0.40	0.60	0.60	0.90	0.90	1.20	10.10
1968	*****	*****	*****	*****	0.40	0.40	0.40	0.50	0.70	0.70	5.80
1969	*****	*****	*****	*****	0.60	0.80	1.00	1.60	1.80	1.90	15.80
1970	*****	*****	*****	*****	0.30	0.50	0.60	0.60	0.60	0.60	4.40
1971	*****	*****	*****	*****	0.80	0.80	0.80	0.80	0.80	0.80	3.60
1972	*****	*****	*****	*****	0.30	0.40	0.40	0.40	0.50	1.70	4.60

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
G90 9514 26	WELLINGTON R S NEVADA	4800	02	10N	23E		M	38.750	119.383	NEVADA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.36	0.46	0.52	0.68	0.79	1.02	7.78
5	0.0	0.0	0.0	0.0	0.53	0.68	0.75	0.98	1.14	1.48	10.16
10	0.0	0.0	0.0	0.0	0.64	0.82	0.91	1.19	1.38	1.79	11.56
20	0.0	0.0	0.0	0.0	0.74	0.95	1.05	1.38	1.61	2.08	12.79
25	0.0	0.0	0.0	0.0	0.77	0.99	1.10	1.44	1.68	2.17	13.17
40	0.0	0.0	0.0	0.0	0.84	1.08	1.20	1.57	1.82	2.36	13.93
50	0.0	0.0	0.0	0.0	0.87	1.12	1.24	1.63	1.89	2.45	14.28
100	0.0	0.0	0.0	0.0	0.97	1.24	1.38	1.81	2.10	2.72	15.33
200	0.0	0.0	0.0	0.0	1.06	1.36	1.51	1.98	2.31	2.99	16.33
1000	0.0	0.0	0.0	0.0	1.27	1.64	1.82	2.38	2.77	3.59	18.50
10000	0.0	0.0	0.0	0.0	1.57	2.02	2.24	2.94	3.42	4.43	21.39
PMP	0.0	0.0	0.0	0.0	3.05	3.92	4.35	5.70	6.63	8.59	47.72
MEAN	0.0	0.0	0.0	0.0	0.399	0.512	0.569	0.745	0.867	1.124	8.041
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	0.949	1.060	0.813	1.112	0.974	0.983	0.603
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = -.672 ; INTERCEPT (TIME=1 HOUR) =0.401 ; COEFFICIENT OF DETERMINATION = 0.998
1HR INTERCEPT / MEAN YR =0.04989 ; AVERAGE CALC CV / USED CV = 0.90

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	4.086	4.473	3.377	5.054	4.063	3.559	3.145
N	0	0	0	0	31	31	31	31	31	31	30
RECORD YEAR	0	0	0	0	1971	1960	1960	1969	1969	1955	1969
RECORD MAXIMUM	0.0	0.0	0.0	0.0	0.800	1.020	1.050	1.600	1.800	2.430	15.800
NORMILIZED MAX	0.0	0.0	0.0	0.0	2.276	2.587	2.256	3.082	2.768	2.446	2.458
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.442	0.383	0.375	0.372	0.389	0.475	0.393
REGN. COEF. VAR	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.329
USED COEF. VAR	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.443	0.329
MEAN/A	0.0	0.0	0.0	0.0	0.0496	0.0637	0.0708	0.0927	0.1078	0.1398	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0790	0.1015	0.1127	0.1477	0.1718	0.2227	1.4371
RP25/A	0.0	0.0	0.0	0.0	0.0959	0.1232	0.1369	0.1792	0.2085	0.2704	1.6379
RP50/A	0.0	0.0	0.0	0.0	0.1081	0.1390	0.1544	0.2022	0.2352	0.3050	1.7762
RP100/A	0.0	0.0	0.0	0.0	0.1201	0.1543	0.1714	0.2245	0.2612	0.3387	1.9064
RP1000/A	0.0	0.0	0.0	0.0	0.1584	0.2036	0.2261	0.2962	0.3445	0.4467	2.3014
RP10000/A	0.0	0.0	0.0	0.0	0.1954	0.2511	0.2789	0.3653	0.4250	0.5511	2.6605
PMP/A	0.0	0.0	0.0	0.0	0.3790	0.4870	0.5410	0.7086	0.8243	1.0689	5.9350

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUB										
W00 8957 26	TONOPAH NEVADA	6093	34	03N	42E		M	38.067	117.233	NEVADA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1906	0.21	0.37	0.45	0.62	0.62	0.62	*****	*****	*****	*****	******
1907	0.04	0.06	0.10	0.15	0.28	0.31	*****	*****	*****	0.69	5.24
1908	0.09	0.10	0.18	0.25	0.25	0.27	*****	*****	*****	0.40	5.30
1909	0.19	0.22	0.25	0.29	0.31	0.44	*****	*****	*****	1.79	7.49
1910	0.09	0.13	0.14	0.19	0.24	0.25	*****	*****	*****	0.87	4.22
1911	0.11	0.20	0.23	0.29	0.30	0.34	*****	*****	*****	0.52	4.93
1912	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.00	4.06
1913	0.09	0.15	0.17	0.18	0.22	0.31	*****	*****	*****	0.86	6.75
1914	0.05	0.09	0.13	0.20	0.30	0.30	*****	*****	*****	0.60	4.46
1915	0.07	0.14	0.20	0.23	0.24	0.24	*****	*****	*****	1.97	6.58
1916	0.02	0.04	0.06	0.09	0.18	0.30	*****	*****	*****	0.78	6.59
1917	0.20	0.28	0.29	0.32	0.32	0.32	*****	*****	*****	0.94	4.21
1918	0.21	0.27	0.29	0.38	0.40	0.42	*****	*****	*****	0.50	5.37
1919	0.21	0.30	0.33	0.35	0.38	0.38	*****	*****	*****	0.76	4.53
1920	0.10	0.16	0.20	0.21	0.22	0.22	*****	*****	*****	0.92	4.06
1921	0.17	0.22	0.26	0.38	0.40	0.40	*****	*****	*****	0.82	5.86
1922	0.11	0.22	0.33	0.47	0.51	0.72	*****	*****	*****	0.83	4.89
1923	0.21	0.35	0.39	0.43	0.51	0.52	*****	*****	*****	0.64	4.99

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUB										
W00 8957 26	TONOPAH NEVADA	6093	34	03N	42E		M	38.067	117.233	NEVADA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.12	0.18	0.21	0.27	0.30	0.34	0.0	0.0	0.0	0.79	4.88
5	0.17	0.26	0.32	0.40	0.45	0.51	0.0	0.0	0.0	1.19	7.30
10	0.21	0.32	0.39	0.49	0.55	0.62	0.0	0.0	0.0	1.45	8.80
20	0.25	0.38	0.46	0.57	0.65	0.73	0.0	0.0	0.0	1.70	10.17
25	0.26	0.39	0.48	0.60	0.68	0.76	0.0	0.0	0.0	1.78	10.59
40	0.28	0.43	0.52	0.65	0.74	0.83	0.0	0.0	0.0	1.93	11.46
50	0.29	0.44	0.54	0.68	0.77	0.86	0.0	0.0	0.0	2.01	11.86
100	0.33	0.49	0.60	0.75	0.85	0.95	0.0	0.0	0.0	2.23	13.07
200	0.36	0.54	0.66	0.83	0.94	1.05	0.0	0.0	0.0	2.45	14.24
1000	0.43	0.65	0.79	1.00	1.13	1.26	0.0	0.0	0.0	2.95	16.84
10000	0.53	0.81	0.98	1.23	1.39	1.55	0.0	0.0	0.0	3.66	20.38
PMP	1.07	1.63	1.97	2.48	2.80	3.14	0.0	0.0	0.0	7.34	44.84
MEAN	0.128	0.194	0.235	0.296	0.334	0.374	0.0	0.0	0.0	0.876	5.266
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.037	0.223	0.326	0.806	1.025	1.356	0.0	0.0	0.0	1.823	0.746
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.675 ; INTERCEPT (TIME=1 HOUR) =0.333 ; COEFFICIENT OF DETERMINATION = 0.982
1HR INTERCEPT / MEAN YR =0.06322 ; AVERAGE CALC CV / USED CV = 0.90

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	2.010	2.698	3.201	4.170	3.890	4.848	0.0	0.0	0.0	6.524	3.038
N	17	17	17	17	17	17	0	0	0	17	17
RECORD YEAR	1906	1906	1906	1906	1906	1922	0	0	0	1915	1909
RECORD MAXIMUM	0.210	0.370	0.450	0.620	0.620	0.720	0.0	0.0	0.0	1.970	7.490
NORMILIZED MAX	1.225	1.797	2.060	2.440	2.359	2.527	0.0	0.0	0.0	2.642	2.118
CALC. COEF. VAR	0.527	0.504	0.443	0.449	0.363	0.366	0.0	0.0	0.0	0.473	0.199
REGN. COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
USED COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
MEAN/A	0.0242	0.0369	0.0447	0.0562	0.0634	0.0710	0.0	0.0	0.0	0.1663	1.0000
RP10/A	0.0402	0.0612	0.0741	0.0932	0.1053	0.1179	0.0	0.0	0.0	0.2760	1.6708
RP25/A	0.0491	0.0747	0.0906	0.1139	0.1286	0.1440	0.0	0.0	0.0	0.3371	2.0113
RP50/A	0.0556	0.0845	0.1024	0.1288	0.1454	0.1628	0.0	0.0	0.0	0.3812	2.2516
RP100/A	0.0618	0.0940	0.1139	0.1432	0.1617	0.1811	0.0	0.0	0.0	0.4240	2.4816
RP1000/A	0.0817	0.1242	0.1505	0.1893	0.2137	0.2393	0.0	0.0	0.0	0.5603	3.1984
RP10000/A	0.1007	0.1531	0.1856	0.2334	0.2636	0.2952	0.0	0.0	0.0	0.6910	3.8702
PMP/A	0.2031	0.3089	0.3744	0.4708	0.5316	0.5953	0.0	0.0	0.0	1.3937	8.5150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
W03 53R 26	BASALT NEVADA	6350	23	02N	33E		M	38.000	118.267	NEVADA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1944	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	4.88
1945	*****	*****	*****	*****	0.42	0.64	0.85	0.92	0.94	1.57	8.56
1946	*****	*****	*****	*****	0.55	0.57	0.58	0.70	0.70	1.29	9.59
1947	*****	*****	*****	*****	0.24	0.27	0.28	0.36	0.44	0.51	2.69
1948	*****	*****	*****	*****	0.19	0.34	0.35	0.39	0.43	0.43	2.89
1949	*****	*****	*****	*****	0.20	0.32	0.34	0.35	0.46	0.73	5.94
1950	*****	*****	*****	*****	0.57	1.32	1.33	1.33	1.92	1.98	5.95
1951	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	7.35
1952	*****	*****	*****	*****	0.18	0.24	0.34	0.41	0.73	0.88	3.83
1953	*****	*****	*****	*****	0.24	0.44	0.56	0.61	0.93	0.98	2.74
1954	*****	*****	*****	*****	0.18	0.30	0.30	0.32	0.38	0.46	4.45
1955	*****	*****	*****	*****	0.32	0.62	0.90	1.69	2.80	3.71	9.33
1956	*****	*****	*****	*****	0.35	0.54	0.56	0.64	0.67	1.18	5.93
1957	*****	*****	*****	*****	0.74	0.40	0.53	0.54	0.54	0.54	7.59

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUF	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
W03 53R 26	BASALT NEVADA	6350	23	02N	33E		M	38.000	118.267	NEVADA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.32	0.45	0.50	0.59	0.77	0.99	5.31
5	0.0	0.0	0.0	0.0	0.46	0.77	0.86	1.01	1.32	1.71	8.04
10	0.0	0.0	0.0	0.0	0.72	0.99	1.11	1.30	1.71	2.21	9.80
20	0.0	0.0	0.0	0.0	0.88	1.21	1.36	1.59	2.08	2.69	11.43
25	0.0	0.0	0.0	0.0	0.93	1.28	1.44	1.68	2.20	2.84	11.94
40	0.0	0.0	0.0	0.0	1.03	1.42	1.60	1.87	2.45	3.16	12.19
50	0.0	0.0	0.0	0.0	1.08	1.49	1.67	1.96	2.57	3.32	13.47
100	0.0	0.0	0.0	0.0	1.23	1.70	1.91	2.23	2.93	3.78	14.95
200	0.0	0.0	0.0	0.0	1.38	1.91	2.14	2.51	3.29	4.24	16.40
1000	0.0	0.0	0.0	0.0	1.73	2.39	2.67	3.13	4.11	5.30	19.64
10000	0.0	0.0	0.0	0.0	2.21	3.06	3.43	4.01	5.26	6.79	24.10
PMP	0.0	0.0	0.0	0.0	4.13	5.70	6.39	7.48	9.82	12.67	50.14
MEAN	0.0	0.0	0.0	0.0	0.388	0.535	0.600	0.702	0.921	1.188	5.837
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	2.236	2.198	1.410	1.528	2.057	2.053	0.174
REGIONAL SKEW	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100
SKEW USED	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.595 ; INTERCEPT (TIME=1 HOUR) =0.392 ; COEFFICIENT OF DETERMINATION = 0.993
1HR INTERCEPT / MEAN YR =0.06716 ; AVERAGE CALC CV / USED CV = 0.93

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	8.740	9.135	5.474	5.314	7.326	8.213	2.469
N	0	0	0	0	12	12	12	12	12	12	14
RECORD YEAR	0	0	0	0	1950	1950	1950	1955	1955	1955	1966
RECORD MAXIMUM	0.0	0.0	0.0	0.0	0.970	1.320	1.330	1.690	2.800	3.710	9.590
NORMILIZED MAX	0.0	0.0	0.0	0.0	2.242	2.503	2.244	2.258	2.563	2.717	1.571
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.670	0.586	0.543	0.623	0.796	0.781	0.409
REGN. COEF. VAR	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.506
USED COEF. VAR	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.644	0.506
MEAN/A	0.0	0.0	0.0	0.0	0.0664	0.0917	0.1027	0.1203	0.1577	0.2036	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.1232	0.1701	0.1907	0.2232	0.2928	0.3778	1.6785
RP25/A	0.0	0.0	0.0	0.0	0.1589	0.2193	0.2459	0.2878	0.3775	0.4872	2.0453
RP50/A	0.0	0.0	0.0	0.0	0.1853	0.2557	0.2867	0.3356	0.4401	0.5680	2.3079
RP100/A	0.0	0.0	0.0	0.0	0.2113	0.2916	0.3269	0.3827	0.5019	0.6478	2.5618
RP1000/A	0.0	0.0	0.0	0.0	0.2961	0.4087	0.4581	0.5363	0.7034	0.9077	3.3648
RP10000/A	0.0	0.0	0.0	0.0	0.3794	0.5236	0.5870	0.6872	0.9012	1.1630	4.1295
PMP/A	0.0	0.0	0.0	0.0	0.7078	0.9770	1.0953	1.2822	1.6816	2.1702	8.5900

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
W03 5809 60	MONTGOMERY H M S	7100						37.967	118.317	NEVADA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1961	*****	*****	*****	*****	0.78	0.90	1.09	1.15	1.15	1.27	5.67
1962	*****	*****	*****	*****	0.32	0.61	0.81	0.96	1.30	1.38	6.25
1963	*****	*****	*****	*****	0.52	0.62	0.65	0.65	0.65	0.67	9.92
1964	*****	*****	*****	*****	0.34	0.41	0.47	0.83	1.11	1.20	5.90
1965	*****	*****	*****	*****	0.63	0.93	1.02	1.04	1.10	1.14	7.50
1966	*****	*****	*****	*****	0.95	1.56	2.03	2.62	2.88	2.92	8.04
1967	*****	*****	*****	*****	0.74	1.24	1.71	2.02	2.05	2.10	11.94
1968	*****	*****	*****	*****	0.32	0.46	0.52	0.92	1.02	1.06	6.25
1969	*****	*****	*****	*****	0.18	0.23	0.26	0.67	0.67	2.87	11.01
1970	*****	*****	*****	*****	0.24	0.45	0.65	1.20	1.55	1.68	8.20
1971	*****	*****	*****	*****	0.13	0.20	0.27	0.53	1.06	1.06	7.77
1972	*****	*****	*****	*****	0.92	0.92	0.92	0.92	1.35	1.68	7.29
1973	*****	*****	*****	*****	0.13	0.20	0.25	0.35	0.60	1.55	9.32
1974	*****	*****	*****	*****	0.13	0.19	0.24	0.33	0.42	0.55	3.93

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
W03 5809 60	MONTGOMERY H M S	7100						37.967	118.317	NEVADA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.47	0.62	0.73	0.93	1.09	1.36	7.21
5	0.0	0.0	0.0	0.0	0.70	0.93	1.09	1.41	1.64	2.05	10.78
10	0.0	0.0	0.0	0.0	0.86	1.13	1.34	1.72	2.00	2.50	13.01
20	0.0	0.0	0.0	0.0	1.00	1.32	1.56	2.01	2.34	2.93	15.03
25	0.0	0.0	0.0	0.0	1.04	1.38	1.63	2.10	2.44	3.06	15.66
40	0.0	0.0	0.0	0.0	1.14	1.51	1.78	2.28	2.66	3.33	16.94
50	0.0	0.0	0.0	0.0	1.18	1.56	1.84	2.37	2.76	3.46	17.53
100	0.0	0.0	0.0	0.0	1.31	1.74	2.05	2.64	3.07	3.85	19.32
200	0.0	0.0	0.0	0.0	1.44	1.91	2.25	2.90	3.38	4.23	21.05
1000	0.0	0.0	0.0	0.0	1.74	2.30	2.71	3.48	4.06	5.08	24.90
10000	0.0	0.0	0.0	0.0	2.14	2.83	3.34	4.30	5.01	6.27	30.13
PMP	0.0	0.0	0.0	0.0	4.32	5.71	6.74	8.66	10.10	12.65	66.29
MEAN	0.0	0.0	0.0	0.0	0.515	0.682	0.805	1.034	1.206	1.509	7.785
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	0.514	0.863	1.235	1.593	1.331	0.944	0.321
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.595 ; INTERCEPT (TIME=1 HOUR) =0.515 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.06619 ; AVERAGE CALC CV / USED CV = 1.38

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	2.383	3.673	4.610	6.092	5.878	3.992	3.419
N	0	0	0	0	14	14	14	14	14	14	14
RECORD YEAR	0	0	0	0	1966	1966	1966	1966	1966	1966	1967
RECORD MAXIMUM	0.0	0.0	0.0	0.0	0.950	1.560	2.030	2.620	2.880	2.920	11.940
NORMILIZED MAX	0.0	0.0	0.0	0.0	1.270	1.944	2.160	2.484	2.525	1.982	1.891
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.664	0.663	0.705	0.618	0.550	0.472	0.282
REGN. COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
USED COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
MEAN/A	0.0	0.0	0.0	0.0	0.0662	0.0876	0.1033	0.1328	0.1548	0.1939	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.1099	0.1453	0.1715	0.2204	0.2570	0.3217	1.6708
RP25/A	0.0	0.0	0.0	0.0	0.1342	0.1775	0.2095	0.2692	0.3139	0.3930	2.0113
RP50/A	0.0	0.0	0.0	0.0	0.1518	0.2007	0.2369	0.3044	0.3549	0.4444	2.2516
RP100/A	0.0	0.0	0.0	0.0	0.1688	0.2233	0.2635	0.3386	0.3948	0.4943	2.4816
RP1000/A	0.0	0.0	0.0	0.0	0.2231	0.2950	0.3482	0.4474	0.5217	0.6531	3.1984
RP10000/A	0.0	0.0	0.0	0.0	0.2751	0.3639	0.4294	0.5518	0.6434	0.8055	3.8702
PMP/A	0.0	0.0	0.0	0.0	0.5548	0.7338	0.8660	1.1129	1.2976	1.6246	8.5150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
W09 601 26	BEATTY NEVADA	3300						36.917	116.750	NEVADA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	4.96
1941	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	11.89
1942	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0.87
1943	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	10.03
1944	*****	*****	*****	*****	0.32	0.37	0.48	0.85	1.18	1.26	5.22
1945	*****	*****	*****	*****	0.15	0.25	0.33	0.34	0.35	0.42	3.51
1946	*****	*****	*****	*****	0.26	0.40	0.60	0.82	0.91	0.97	6.26
1947	*****	*****	*****	*****	0.12	0.15	0.17	0.33	0.47	0.47	2.62
1948	*****	*****	*****	*****	0.18	0.19	0.20	0.22	0.24	0.24	1.77
1949	*****	*****	*****	*****	0.22	0.41	0.62	0.91	1.54	2.01	5.43
1950	*****	*****	*****	*****	0.45	0.45	0.57	0.65	0.65	0.65	2.08
1951	*****	*****	*****	*****	0.14	0.26	0.35	0.51	0.84	0.84	2.69
1952	*****	*****	*****	*****	0.31	0.46	0.55	0.68	0.81	0.97	7.92
1953	*****	*****	*****	*****	0.03	0.06	0.08	0.09	0.14	0.14	0.66
1954	*****	*****	*****	*****	0.54	0.58	0.61	0.64	0.75	1.15	5.90
1955	*****	*****	*****	*****	0.32	0.47	0.50	0.50	0.52	0.77	3.79
1956	*****	*****	*****	*****	0.35	0.63	0.72	0.81	0.88	0.95	1.77
1957	*****	*****	*****	*****	0.15	0.25	0.28	0.51	0.68	0.68	5.70
1958	*****	*****	*****	*****	0.21	0.40	0.44	0.50	0.66	0.67	5.35
1959	*****	*****	*****	*****	0.18	0.29	0.39	0.44	0.48	0.53	3.17
1960	*****	*****	*****	*****	0.19	0.28	0.35	0.42	0.80	1.53	4.83
1961	*****	*****	*****	*****	0.31	0.46	0.48	0.49	0.86	1.01	3.02
1962	*****	*****	*****	*****	0.20	0.27	0.29	0.38	0.63	0.75	2.41
1963	*****	*****	*****	*****	0.23	0.45	0.45	0.46	0.73	0.98	4.87
1964	*****	*****	*****	*****	0.15	0.20	0.23	0.30	0.33	0.33	2.07
1965	*****	*****	*****	*****	0.22	0.33	0.40	0.52	1.04	1.05	6.84
1966	*****	*****	*****	*****	0.65	0.76	0.81	0.98	1.19	1.19	3.17
1967	*****	*****	*****	*****	0.64	0.69	0.70	0.70	0.70	0.70	4.47
1968	*****	*****	*****	*****	0.13	0.25	0.34	0.40	0.44	0.44	4.35
1969	*****	*****	*****	*****	0.20	0.35	0.60	1.05	1.05	1.05	8.23
1970	*****	*****	*****	*****	0.13	0.18	*****	*****	*****	0.90	3.06
1972	*****	*****	*****	*****	0.20	0.24	0.26	0.28	0.31	0.31	2.88
1973	*****	*****	*****	*****	0.20	0.25	0.32	0.40	0.70	0.95	6.42
1974	*****	*****	*****	*****	0.15	0.23	0.38	0.40	0.57	0.60	5.49

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
W09 601 26	BEATTY NEVADA	3300						36.917	116.750	NEVADA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.26	0.34	0.41	0.50	0.64	0.74	4.19
5	0.0	0.0	0.0	0.0	0.39	0.51	0.61	0.75	0.97	1.11	6.26
10	0.0	0.0	0.0	0.0	0.48	0.63	0.74	0.91	1.18	1.36	7.55
20	0.0	0.0	0.0	0.0	0.56	0.73	0.87	1.06	1.38	1.58	8.73
25	0.0	0.0	0.0	0.0	0.59	0.76	0.91	1.11	1.44	1.66	9.09
40	0.0	0.0	0.0	0.0	0.64	0.83	0.99	1.21	1.57	1.80	9.83
50	0.0	0.0	0.0	0.0	0.66	0.86	1.03	1.26	1.63	1.87	10.18
100	0.0	0.0	0.0	0.0	0.74	0.96	1.14	1.40	1.82	2.08	11.22
200	0.0	0.0	0.0	0.0	0.81	1.05	1.26	1.53	1.99	2.29	12.22
1000	0.0	0.0	0.0	0.0	0.98	1.27	1.51	1.85	2.40	2.75	14.46
10000	0.0	0.0	0.0	0.0	1.20	1.56	1.86	2.28	2.96	3.39	17.50
PMP	0.0	0.0	0.0	0.0	2.43	3.16	3.76	4.59	5.97	6.85	38.49
MEAN	0.0	0.0	0.0	0.0	0.290	0.377	0.448	0.548	0.712	0.817	4.521
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	1.422	0.771	0.194	0.515	0.519	0.789	0.964
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.605 ; INTERCEPT (TIME=1 HOUR) =0.289 ; COEFFICIENT OF DETERMINATION = 0.999
1HR INTERCEPT / MEAN YR =0.06393 ; AVERAGE CALC CV / USED CV = 0.99

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	4.942	3.584	2.804	3.000	3.810	4.770	4.375
N	0	0	0	0	30	30	29	29	29	30	34
RECORD YEAR	0	0	0	0	1966	1966	1966	1969	1949	1949	1941
RECORD MAXIMUM	0.0	0.0	0.0	0.0	0.650	0.760	0.810	1.050	1.540	2.010	11.890
NORMILIZED MAX	0.0	0.0	0.0	0.0	2.123	2.194	1.969	2.097	2.627	3.007	2.938
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.585	0.464	0.410	0.437	0.442	0.486	0.555
REGN. COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
USED COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
MEAN/A	0.0	0.0	0.0	0.0	0.0641	0.0833	0.0992	0.1212	0.1576	0.1807	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.1064	0.1383	0.1646	0.2012	0.2615	0.2999	1.6708
RP25/A	0.0	0.0	0.0	0.0	0.1300	0.1689	0.2010	0.2457	0.3194	0.3664	2.0113
RP50/A	0.0	0.0	0.0	0.0	0.1470	0.1910	0.2273	0.2779	0.3611	0.4143	2.2516
RP100/A	0.0	0.0	0.0	0.0	0.1635	0.2124	0.2528	0.3091	0.4017	0.4608	2.4816
RP1000/A	0.0	0.0	0.0	0.0	0.2161	0.2807	0.3341	0.4084	0.5308	0.6089	3.1984
RP10000/A	0.0	0.0	0.0	0.0	0.2665	0.3462	0.4120	0.5037	0.6546	0.7509	3.8702
PMP/A	0.0	0.0	0.0	0.0	0.5375	0.6982	0.8310	1.0158	1.3203	1.5145	8.5150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
W12 4R20 26	LAS VEGAS AIR PORT NWS	2162						36.083	115.167	NEVADA

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	*****	*****	*****	*****	0.78	0.78	0.92	1.15	1.15	1.54	8.40
1942	*****	*****	*****	*****	1.35	1.48	1.55	1.60	1.75	1.76	2.35
1943	*****	*****	*****	*****	0.34	0.39	0.40	0.41	0.41	0.67	5.66
1944	*****	*****	*****	*****	0.11	0.20	0.26	0.30	0.30	0.49	1.91
1945	*****	*****	*****	*****	0.66	0.79	0.83	0.83	0.83	0.83	4.84
1946	*****	*****	*****	*****	0.22	0.25	0.25	0.47	0.47	0.55	3.58
1947	*****	*****	*****	*****	0.23	0.30	0.36	0.64	0.96	1.08	2.65
1948	*****	*****	*****	*****	0.07	0.12	0.16	0.25	0.25	0.33	1.10
1949	*****	*****	*****	*****	0.16	0.17	0.18	0.41	0.46	0.95	6.88
1950	*****	*****	*****	*****	0.49	0.58	0.59	0.62	0.64	0.65	2.05
1951	*****	*****	*****	*****	0.27	0.48	0.65	0.93	0.98	0.98	2.81
1952	*****	*****	*****	*****	0.49	0.49	0.49	0.54	0.61	1.14	5.55
1953	*****	*****	*****	*****	0.09	0.09	0.09	0.11	0.11	0.11	0.56
1954	*****	*****	*****	*****	0.95	0.96	0.96	1.18	1.18	1.18	4.71
1955	*****	*****	*****	*****	1.13	1.20	1.27	1.29	1.29	1.32	5.40
1956	*****	*****	*****	*****	0.97	1.27	1.31	1.32	1.32	1.32	2.04
1957	*****	*****	*****	*****	1.23	2.08	2.29	2.55	2.58	2.58	4.98
1958	*****	*****	*****	*****	0.29	0.42	0.51	0.65	0.76	0.90	4.52
1959	*****	*****	*****	*****	0.30	0.52	0.73	0.79	0.88	1.09	4.17
1960	*****	*****	*****	*****	0.41	0.48	0.56	0.83	0.95	1.71	4.40
1961	*****	*****	*****	*****	0.19	0.27	0.28	0.36	0.42	0.50	3.17
1962	*****	*****	*****	*****	0.13	0.13	0.14	0.28	0.41	0.45	1.45
1963	*****	*****	*****	*****	0.68	0.89	1.05	1.07	1.07	1.07	3.87
1964	*****	*****	*****	*****	0.20	0.39	0.47	0.52	0.62	0.62	1.12
1965	*****	*****	*****	*****	0.17	0.21	0.33	0.62	0.96	0.97	7.96
1966	*****	*****	*****	*****	0.16	0.29	0.29	0.30	0.37	0.43	1.91
1967	*****	*****	*****	*****	0.45	0.49	0.50	0.66	0.89	1.05	5.54
1968	*****	*****	*****	*****	0.13	0.13	0.26	0.30	0.31	0.31	1.11
1969	*****	*****	*****	*****	0.20	0.26	0.27	0.29	0.49	0.70	5.09
1970	*****	*****	*****	*****	0.53	0.54	0.67	0.87	0.89	0.89	4.29
1971	*****	*****	*****	*****	0.40	0.50	0.50	0.50	0.50	0.50	2.54
1972	*****	*****	*****	*****	0.32	0.47	0.52	0.70	1.00	1.00	4.85
1973	*****	*****	*****	*****	0.25	0.34	0.34	0.40	0.46	0.46	4.68
1974	0.09	0.11	0.12	0.19	0.25	0.31	0.37	0.64	0.86	0.90	4.52

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
W12 4R20 26	LAS VEGAS AIR PORT NWS	2162						36.083	115.167	NEVADA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.44	0.52	0.56	0.66	0.73	0.83	3.56
5	0.0	0.0	0.0	0.0	0.67	0.78	0.85	1.00	1.10	1.24	5.32
10	0.0	0.0	0.0	0.0	0.81	0.95	1.03	1.21	1.34	1.51	6.42
20	0.0	0.0	0.0	0.0	0.95	1.11	1.21	1.42	1.56	1.77	7.42
25	0.0	0.0	0.0	0.0	0.99	1.16	1.26	1.48	1.63	1.85	7.73
40	0.0	0.0	0.0	0.0	1.08	1.27	1.37	1.61	1.78	2.01	8.36
50	0.0	0.0	0.0	0.0	1.12	1.32	1.43	1.68	1.85	2.09	8.65
100	0.0	0.0	0.0	0.0	1.25	1.46	1.59	1.86	2.05	2.33	9.54
200	0.0	0.0	0.0	0.0	1.37	1.61	1.74	2.05	2.26	2.56	10.39
1000	0.0	0.0	0.0	0.0	1.65	1.93	2.10	2.46	2.72	3.07	12.29
10000	0.0	0.0	0.0	0.0	2.03	2.39	2.49	3.04	3.35	3.79	14.87
PMP	0.0	0.0	0.0	0.0	4.10	4.81	5.22	6.13	6.75	7.65	32.72
MEAN	0.0	0.0	0.0	0.0	0.490	0.574	0.622	0.731	0.806	0.913	3.843
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	1.334	1.874	1.902	1.937	1.674	1.240	0.322
REGIONAL SKEW	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900
SKEW USED	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	0.900

SLOPE OF LOG INTENSITY / LOG TIME = -.780 ; INTERCEPT (TIME=1 HOUR) =0.490 ; COEFFICIENT OF DETERMINATION = 1.000
1HR INTERCEPT / MEAN YR =0.12764 ; AVERAGE CALC CV / USED CV = 1.62

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	4.077	7.068	7.518	8.471	7.736	5.860	2.954
N	1	1	1	1	34	34	34	34	34	34	34
RECORD YEAR	0	0	0	0	1942	1957	1957	1957	1957	1957	1941
RECORD MAXIMUM	0.0	0.0	0.0	0.0	1.350	2.080	2.290	2.550	2.580	2.580	8.400
NORMILIZED MAX	0.0	0.0	0.0	0.0	2.187	3.231	3.461	3.722	3.656	3.383	2.331
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.804	0.811	0.774	0.668	0.602	0.540	0.509
REGN. COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
USED COEF. VAR	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.492	0.501
MEAN/A	0.0	0.0	0.0	0.0	0.1274	0.1495	0.1620	0.1903	0.2097	0.2375	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.2114	0.2480	0.2688	0.3158	0.3480	0.3941	1.6708
RP25/A	0.0	0.0	0.0	0.0	0.2582	0.3030	0.3283	0.3858	0.4251	0.4814	2.0113
RP50/A	0.0	0.0	0.0	0.0	0.2920	0.3426	0.3713	0.4362	0.4807	0.5444	2.2516
RP100/A	0.0	0.0	0.0	0.0	0.3248	0.3810	0.4130	0.4852	0.5347	0.6055	2.4816
RP1000/A	0.0	0.0	0.0	0.0	0.4291	0.5035	0.5457	0.6412	0.7065	0.8001	3.1984
RP10000/A	0.0	0.0	0.0	0.0	0.5293	0.6210	0.6730	0.7908	0.8713	0.9867	3.8702
PMP/A	0.0	0.0	0.0	0.0	1.0675	1.2524	1.3574	1.5949	1.7574	1.9901	8.5150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
X13 R064 R0	SEARCH LIGHT NEVADA	3540	34	28S	63E		M	35.467	114.917	NEVADA

M=MINUTES,H=HOURS,O=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1945	*****	*****	*****	*****	1.02	1.41	1.41	1.41	1.41	1.41	9.79
1946	*****	*****	*****	*****	0.83	1.57	1.58	1.59	1.59	1.80	8.22
1947	*****	*****	*****	*****	0.20	0.33	0.45	0.73	1.01	1.50	4.52
1948	*****	*****	*****	*****	0.17	0.27	0.31	0.34	0.46	0.50	2.32
1949	*****	*****	*****	*****	0.41	0.52	0.53	0.53	0.72	1.02	7.73
1950	*****	*****	*****	*****	0.30	0.46	0.57	0.72	0.72	0.72	1.83
1951	*****	*****	*****	*****	0.40	0.66	0.91	1.23	1.23	1.23	8.40
1952	*****	*****	*****	*****	0.31	0.50	0.60	1.07	1.48	2.52	10.83
1953	*****	*****	*****	*****	0.65	0.66	0.66	0.66	0.66	0.66	2.85
1954	*****	*****	*****	*****	1.06	1.61	1.61	1.61	1.61	2.24	9.15
1955	*****	*****	*****	*****	1.04	1.38	1.49	1.58	1.63	1.63	6.35
1956	*****	*****	*****	*****	0.49	0.49	0.49	0.50	0.60	0.64	1.36
1957	*****	*****	*****	*****	0.28	0.40	0.52	0.74	1.08	1.41	8.04
1958	*****	*****	*****	*****	0.82	1.24	1.25	1.26	1.26	1.26	8.69
1959	*****	*****	*****	*****	0.35	0.57	0.77	1.00	1.34	1.68	8.25
1960	*****	*****	*****	*****	0.55	1.03	1.43	2.01	2.07	2.08	6.71
1961	*****	*****	*****	*****	0.61	0.63	0.66	0.69	0.70	0.70	2.77
1962	*****	*****	*****	*****	0.39	0.42	0.43	0.43	0.44	0.44	2.84
1963	*****	*****	*****	*****	0.48	0.68	0.68	0.68	0.68	0.68	4.29
1964	*****	*****	*****	*****	0.25	0.25	0.26	0.25	0.28	0.31	1.72
1965	*****	*****	*****	*****	0.35	0.47	0.54	0.85	0.89	0.93	8.27
1966	*****	*****	*****	*****	0.60	0.67	0.74	1.07	1.09	1.23	4.12
1967	*****	*****	*****	*****	0.75	0.94	0.97	1.01	1.01	1.01	6.95
1968	*****	*****	*****	*****	0.77	0.77	0.78	0.80	0.80	1.07	3.20
1969	*****	*****	*****	*****	0.77	0.93	0.98	1.07	1.10	1.10	7.82
1970	*****	*****	*****	*****	0.73	0.87	0.89	0.90	1.24	1.24	4.82
1971	*****	*****	*****	*****	0.21	0.25	0.28	0.35	0.45	0.60	2.15
1972	*****	*****	*****	*****	0.18	0.33	0.45	0.72	1.03	1.04	3.98
1973	*****	*****	*****	*****	0.21	0.25	0.26	0.34	0.43	0.63	4.81
1974	*****	*****	*****	*****	1.50	1.95	1.95	1.98	1.98	1.98	6.53

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
X13 R064 R0	SEARCH LIGHT NEVADA	3540	34	28S	63E		M	35.467	114.917	NEVADA

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION O=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.51	0.64	0.68	0.77	0.84	0.94	5.08
5	0.0	0.0	0.0	0.0	0.88	1.12	1.18	1.33	1.45	1.64	7.98
10	0.0	0.0	0.0	0.0	1.16	1.47	1.56	1.76	1.92	2.16	9.84
20	0.0	0.0	0.0	0.0	1.45	1.83	1.93	2.18	2.38	2.68	11.58
25	0.0	0.0	0.0	0.0	1.54	1.95	2.06	2.32	2.53	2.85	12.11
40	0.0	0.0	0.0	0.0	1.73	2.19	2.31	2.61	2.84	3.20	12.38
50	0.0	0.0	0.0	0.0	1.82	2.30	2.43	2.74	2.99	3.37	13.74
100	0.0	0.0	0.0	0.0	2.10	2.66	2.81	3.17	3.46	3.90	15.31
200	0.0	0.0	0.0	0.0	2.38	3.02	3.19	3.59	3.92	4.42	16.84
1000	0.0	0.0	0.0	0.0	3.04	3.85	4.06	4.58	5.00	5.63	20.28
10000	0.0	0.0	0.0	0.0	3.97	5.03	5.32	6.00	6.54	7.37	25.02
PMP	0.0	0.0	0.0	0.0	6.74	8.53	9.01	10.16	11.09	12.49	52.63
MEAN	0.0	0.0	0.0	0.0	0.634	0.803	0.848	0.956	1.043	1.175	5.644
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	0.988	1.075	0.906	0.707	0.438	0.632	0.042
REGIONAL SKEW	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100
SKEW USED	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.100

SLOPE OF LOG INTENSITY / LOG TIME = -.727 ; INTERCEPT (TIME=1 HOUR) =0.642 ; COEFFICIENT OF DETERMINATION = 0.994
1HR INTERCEPT / MEAN YR =0.11375 ; AVERAGE CALC CV / USED CV = 0.91

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	4.097	3.596	3.156	3.115	2.817	3.027	1.957
N	0	0	0	0	30	30	30	30	30	30	30
RECORD YEAR	0	0	0	0	1974	1974	1974	1960	1960	1952	1952
RECORD MAXIMUM	0.0	0.0	0.0	0.0	1.500	1.950	1.950	2.010	2.070	2.520	10.830
NORMILIZED MAX	0.0	0.0	0.0	0.0	2.349	2.343	2.320	2.173	2.175	2.382	1.868
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.582	0.610	0.560	0.507	0.452	0.480	0.492
REGN. COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
USED COEF. VAR	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.642	0.555
MEAN/A	0.0	0.0	0.0	0.0	0.1123	0.1423	0.1502	0.1694	0.1849	0.2083	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.2062	0.2612	0.2758	0.3111	0.3395	0.3824	1.7442
RP25/A	0.0	0.0	0.0	0.0	0.2723	0.3449	0.3641	0.4107	0.4482	0.5049	2.1465
RP50/A	0.0	0.0	0.0	0.0	0.3223	0.4082	0.4310	0.4861	0.5305	0.5976	2.4346
RP100/A	0.0	0.0	0.0	0.0	0.3723	0.4715	0.4978	0.5615	0.6127	0.6903	2.7131
RP1000/A	0.0	0.0	0.0	0.0	0.5383	0.6818	0.7198	0.8119	0.8860	0.9981	3.5938
RP10000/A	0.0	0.0	0.0	0.0	0.7043	0.8921	0.9418	1.0624	1.1593	1.3060	4.4326
PMP/A	0.0	0.0	0.0	0.0	1.1939	1.5122	1.5965	1.8008	1.9651	2.2138	9.3250

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A10 4717 35	LAKEVIEW OREGON	4756	22	39S	20E	C	W	44.183	120.350	OREGON

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	*****	*****	*****	*****	0.34	*****	*****	0.55	*****	1.34	21.30
1942	*****	*****	*****	*****	0.21	*****	*****	0.52	*****	1.33	18.18
1943	*****	*****	*****	*****	0.14	*****	*****	0.52	*****	0.93	15.10
1944	*****	*****	*****	*****	0.35	*****	*****	1.08	*****	2.33	17.68
1945	*****	*****	*****	*****	0.26	*****	*****	0.69	*****	0.85	15.92
1946	*****	*****	*****	*****	0.20	*****	*****	0.70	*****	1.09	9.75
1947	*****	*****	*****	*****	0.21	*****	*****	0.76	*****	1.23	12.86
1948	*****	*****	*****	*****	0.54	*****	*****	1.26	*****	1.41	14.46
1949	*****	*****	*****	*****	0.28	*****	*****	0.73	*****	1.00	10.82
1950	*****	*****	*****	*****	0.19	*****	*****	0.69	*****	1.22	17.13
1951	*****	*****	*****	*****	0.18	*****	*****	0.78	*****	1.47	16.46
1952	*****	*****	*****	*****	0.26	*****	*****	0.57	*****	0.94	******
1953	*****	*****	*****	*****	0.19	*****	*****	0.45	*****	1.16	16.34
1954	*****	*****	*****	*****	0.29	*****	*****	0.67	*****	0.97	14.47
1955	*****	*****	*****	*****	0.16	*****	*****	0.57	*****	1.00	16.56
1956	*****	*****	*****	*****	0.22	*****	*****	0.74	*****	1.30	19.70
1957	*****	*****	*****	*****	0.19	*****	*****	0.66	*****	0.90	17.84
1958	*****	*****	*****	*****	0.17	*****	*****	0.50	*****	0.95	15.48
1959	*****	*****	*****	*****	0.22	*****	*****	0.62	*****	0.90	8.89
1960	*****	*****	*****	*****	0.18	*****	*****	0.61	*****	1.43	14.86
1961	*****	*****	*****	*****	0.44	*****	*****	0.48	*****	0.94	13.83
1962	*****	*****	*****	*****	0.26	*****	*****	0.93	*****	2.51	******
1963	*****	*****	*****	*****	0.30	*****	*****	0.53	*****	0.96	17.47
1964	*****	*****	*****	*****	0.30	*****	*****	0.95	*****	2.36	22.94
1965	*****	*****	*****	*****	0.65	*****	*****	0.78	*****	1.16	14.18
1966	*****	*****	*****	*****	0.15	*****	*****	0.60	*****	1.25	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
A10 4717 35	LAKEVIEW OREGON	4756	22	39S	20E	C	W	44.183	120.350	OREGON

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.28	0.0	0.0	0.65	0.0	1.16	15.29
5	0.0	0.0	0.0	0.0	0.35	0.0	0.0	0.90	0.0	1.62	19.19
10	0.0	0.0	0.0	0.0	0.46	0.0	0.0	1.06	0.0	1.92	21.49
20	0.0	0.0	0.0	0.0	0.52	0.0	0.0	1.22	0.0	2.20	23.52
25	0.0	0.0	0.0	0.0	0.55	0.0	0.0	1.27	0.0	2.29	24.14
40	0.0	0.0	0.0	0.0	0.59	0.0	0.0	1.37	0.0	2.47	25.39
50	0.0	0.0	0.0	0.0	0.61	0.0	0.0	1.42	0.0	2.56	25.96
100	0.0	0.0	0.0	0.0	0.67	0.0	0.0	1.57	0.0	2.82	27.68
200	0.0	0.0	0.0	0.0	0.73	0.0	0.0	1.71	0.0	3.08	29.32
1000	0.0	0.0	0.0	0.0	0.87	0.0	0.0	2.04	0.0	3.67	32.89
10000	0.0	0.0	0.0	0.0	1.07	0.0	0.0	2.49	0.0	4.49	37.62
PMP	0.0	0.0	0.0	0.0	2.03	0.0	0.0	4.74	0.0	8.54	80.81
MEAN	0.0	0.0	0.0	0.0	0.302	0.0	0.0	0.703	0.0	1.267	15.723
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	1.865	0.0	0.0	1.411	0.0	1.833	-0.047
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600
SKEW USED	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	0.600

SLOPE OF LOG INTENSITY / LOG TIME = ***** ; INTERCEPT (TIME=1 HOUR) =***** ; COEFFICIENT OF DETERMINATION = *****
1HR INTERCEPT / MEAN YR =******* ; AVERAGE CALC CV / USED CV = *****

KURTOSIS	0.0	0.0	0.0	0.0	6.815	0.0	0.0	5.380	0.0	5.894	3.753
N	0	0	0	0	26	0	0	26	0	26	23
RECORD YEAR	0	0	0	0	1965	0	0	1948	0	1962	1964
RECORD MAXIMUM	0.0	0.0	0.0	0.0	0.650	0.0	0.0	1.260	0.0	2.510	22.940
NORMILIZED MAX	0.0	0.0	0.0	0.0	2.528	0.0	0.0	2.854	0.0	2.721	2.162
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.457	0.0	0.0	0.278	0.0	0.361	0.212
REGN. COEF. VAR	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.276
USED COEF. VAR	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.383	0.276

MEAN/A	0.0	0.0	0.0	0.0	0.0192	0.0	0.0	0.0447	0.0	0.0806	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0290	0.0	0.0	0.0676	0.0	0.1219	1.3667
RP25/A	0.0	0.0	0.0	0.0	0.0347	0.0	0.0	0.0808	0.0	0.1456	1.5352
RP50/A	0.0	0.0	0.0	0.0	0.0388	0.0	0.0	0.0904	0.0	0.1628	1.6512
RP100/A	0.0	0.0	0.0	0.0	0.0428	0.0	0.0	0.0997	0.0	0.1796	1.7604
RP1000/A	0.0	0.0	0.0	0.0	0.0556	0.0	0.0	0.1296	0.0	0.2334	2.0918
RP10000/A	0.0	0.0	0.0	0.0	0.0680	0.0	0.0	0.1584	0.0	0.2854	2.3930
PMP/A	0.0	0.0	0.0	0.0	0.1294	0.0	0.0	0.3016	0.0	0.5433	5.1400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	FRM	LATITUDE	LONGITUDE	COUNTY
FDO 1107 35	BROOKINGS OREGON	80	05	41S	13W		W	42.050	124.283	OREGON

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	*****	*****	*****	*****	0.46	*****	*****	2.31	*****	5.83	82.44
1942	*****	*****	*****	*****	0.39	*****	*****	1.52	*****	2.99	98.82
1943	*****	*****	*****	*****	0.38	*****	*****	1.97	*****	4.86	68.70
1944	*****	*****	*****	*****	0.32	*****	*****	1.24	*****	2.67	70.67
1945	*****	*****	*****	*****	0.38	*****	*****	1.88	*****	5.12	100.36
1946	*****	*****	*****	*****	0.40	*****	*****	1.60	*****	3.63	75.70
1947	*****	*****	*****	*****	0.60	*****	*****	1.45	*****	4.08	68.62
1948	*****	*****	*****	*****	0.33	*****	*****	1.53	*****	4.72	92.67
1949	*****	*****	*****	*****	0.35	*****	*****	1.30	*****	3.36	64.40
1950	*****	*****	*****	*****	0.87	*****	*****	2.60	*****	7.08	108.72
1951	*****	*****	*****	*****	0.47	*****	*****	1.37	*****	3.38	80.85
1952	*****	*****	*****	*****	0.52	*****	*****	1.19	*****	2.98	62.13
1953	*****	*****	*****	*****	0.43	*****	*****	1.78	*****	5.50	105.41
1954	*****	*****	*****	*****	0.30	*****	*****	1.30	*****	3.90	78.20
1955	*****	*****	*****	*****	0.31	*****	*****	1.20	*****	2.95	82.87
1956	*****	*****	*****	*****	0.38	*****	*****	1.88	*****	5.70	81.06
1957	*****	*****	*****	*****	0.30	*****	*****	1.48	*****	2.88	85.48
1958	*****	*****	*****	*****	0.35	*****	*****	1.48	*****	3.50	84.33
1959	*****	*****	*****	*****	0.31	*****	*****	1.43	*****	3.40	60.17
1960	*****	*****	*****	*****	0.38	*****	*****	1.71	*****	4.02	84.66
1961	*****	*****	*****	*****	0.39	*****	*****	1.55	*****	4.82	81.47
1962	*****	*****	*****	*****	0.54	*****	*****	1.84	*****	3.07	******
1963	*****	*****	*****	*****	0.38	*****	*****	1.60	*****	3.64	80.51
1964	*****	*****	*****	*****	0.51	*****	*****	2.16	*****	6.25	74.33
1966	*****	*****	*****	*****	0.38	*****	*****	1.37	*****	4.78	******

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	FRM	LATITUDE	LONGITUDE	COUNTY
FDO 1107 35	BROOKINGS OREGON	80	05	41S	13W		W	42.050	124.283	OREGON

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.45	0.0	0.0	1.57	0.0	3.94	79.96
5	0.0	0.0	0.0	0.0	0.60	0.0	0.0	2.11	0.0	5.30	99.23
10	0.0	0.0	0.0	0.0	0.70	0.0	0.0	2.46	0.0	6.18	110.15
20	0.0	0.0	0.0	0.0	0.79	0.0	0.0	2.78	0.0	7.00	119.61
25	0.0	0.0	0.0	0.0	0.82	0.0	0.0	2.88	0.0	7.25	122.45
40	0.0	0.0	0.0	0.0	0.83	0.0	0.0	2.93	0.0	7.38	128.15
50	0.0	0.0	0.0	0.0	0.91	0.0	0.0	3.19	0.0	8.02	130.76
100	0.0	0.0	0.0	0.0	0.99	0.0	0.0	3.48	0.0	8.76	138.48
200	0.0	0.0	0.0	0.0	1.07	0.0	0.0	3.77	0.0	9.48	145.76
1000	0.0	0.0	0.0	0.0	1.26	0.0	0.0	4.41	0.0	11.10	161.41
10000	0.0	0.0	0.0	0.0	1.51	0.0	0.0	5.30	0.0	13.33	181.72
PMP	0.0	0.0	0.0	0.0	2.98	0.0	0.0	10.46	0.0	26.34	408.71
MEAN	0.0	0.0	0.0	0.0	0.476	0.0	0.0	1.670	0.0	4.204	81.416
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	2.295	0.0	0.0	1.077	0.0	0.740	0.442
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = ***** ; INTERCEPT (TIME=1 HOUR) =***** ; COEFFICIENT OF DETERMINATION = *****
IMP INTERCEPT / MEAN YR =******* ; AVERAGE CALC CV / USED CV = *****

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	0.932	0.0	0.0	4.313	0.0	2.999	3.115
N	0	0	0	0	25	0	0	25	0	25	23
RECORD YEAR	0	0	0	0	1950	0	0	1950	0	1950	1950
RECORD MAXIMUM	0.0	0.0	0.0	0.0	0.870	0.0	0.0	2.600	0.0	7.080	108.720
NORMILIZED MAX	0.0	0.0	0.0	0.0	2.809	0.0	0.0	2.583	0.0	2.395	2.078
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.295	0.0	0.0	0.215	0.0	0.286	0.161
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0	0.0	0.0	0.0	0.0058	0.0	0.0	0.0205	0.0	0.0516	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0086	0.0	0.0	0.0302	0.0	0.0759	1.3529
RP25/A	0.0	0.0	0.0	0.0	0.0101	0.0	0.0	0.0354	0.0	0.0891	1.5039
RP50/A	0.0	0.0	0.0	0.0	0.0111	0.0	0.0	0.0391	0.0	0.0985	1.6060
RP100/A	0.0	0.0	0.0	0.0	0.0122	0.0	0.0	0.0427	0.0	0.1076	1.7009
RP1000/A	0.0	0.0	0.0	0.0	0.0154	0.0	0.0	0.0542	0.0	0.1364	1.9825
RP10000/A	0.0	0.0	0.0	0.0	0.0185	0.0	0.0	0.0651	0.0	0.1637	2.2320
PMP/A	0.0	0.0	0.0	0.0	0.0366	0.0	0.0	0.1285	0.0	0.3235	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
FIO 5505 50	MEDFORD OREGON	1298						42.367	122.867	OREGON

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1960	0.07	0.09	0.12	0.16	0.26	0.48	0.63	*****	*****	1.93	20.60
1961	0.37	0.37	0.37	0.38	0.39	0.48	0.65	*****	*****	1.38	19.65
1962	0.05	0.08	0.12	0.22	0.42	0.76	1.05	*****	*****	3.69	23.13
1963	0.10	0.15	0.19	0.24	0.27	0.58	0.62	*****	*****	1.52	18.87
1964	0.20	0.39	0.48	0.58	0.60	0.64	0.82	*****	*****	3.75	29.09
1965	0.14	0.23	0.24	0.26	0.33	0.44	0.70	*****	*****	1.45	18.12
1966	0.51	0.81	0.92	1.04	1.05	1.07	1.07	*****	*****	2.15	21.04
1967	0.07	0.09	0.13	0.24	0.45	0.72	0.93	*****	*****	1.63	18.67
1968	0.06	0.10	0.12	0.14	0.22	0.35	0.41	*****	*****	1.17	15.29
1969	0.18	0.22	0.30	0.31	0.32	0.45	0.62	*****	*****	1.72	20.47
1970	0.14	0.28	0.33	0.34	0.34	0.46	0.69	*****	*****	1.58	23.27
1971	0.08	0.10	0.12	0.16	0.20	0.29	0.49	*****	*****	1.61	19.35
1972	0.15	0.23	0.24	0.24	0.25	0.46	0.50	*****	*****	1.89	20.62
1973	0.05	0.09	0.11	0.16	0.28	0.43	0.50	*****	*****	*****	*****
1974	0.05	0.08	0.11	0.17	0.27	0.47	0.62	*****	*****	*****	18.59

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
FIO 5505 50	MEDFORD OREGON	1298						42.367	122.867	OREGON

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.14	0.21	0.24	0.29	0.35	0.51	0.64	0.0	0.0	1.84	20.12
5	0.19	0.28	0.33	0.39	0.48	0.69	0.87	0.0	0.0	2.47	24.96
10	0.22	0.32	0.38	0.45	0.55	0.80	1.01	0.0	0.0	2.88	27.71
20	0.25	0.37	0.43	0.51	0.63	0.91	1.14	0.0	0.0	3.26	30.09
25	0.26	0.38	0.45	0.53	0.65	0.94	1.18	0.0	0.0	3.38	30.80
40	0.28	0.39	0.46	0.54	0.66	0.96	1.20	0.0	0.0	3.44	32.24
50	0.28	0.42	0.50	0.59	0.72	1.04	1.31	0.0	0.0	3.74	32.90
100	0.31	0.46	0.54	0.64	0.78	1.14	1.43	0.0	0.0	4.08	34.84
200	0.33	0.50	0.59	0.70	0.85	1.23	1.55	0.0	0.0	4.42	36.67
1000	0.39	0.58	0.69	0.82	0.99	1.44	1.81	0.0	0.0	5.17	40.61
10000	0.47	0.70	0.82	0.98	1.19	1.73	2.18	0.0	0.0	6.21	45.72
PMP	0.93	1.38	1.63	1.94	2.36	3.42	4.30	0.0	0.0	12.27	102.82
MEAN	0.148	0.221	0.260	0.309	0.377	0.545	0.687	0.0	0.0	1.959	20.483
CLOCK HR. CDF.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.973	2.223	2.311	2.583	2.562	1.533	0.808	0.0	0.0	1.760	1.384
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = -.605 ; INTERCEPT (TIME=1 HOUR) =0.419 ; COEFFICIENT OF DETERMINATION = 0.993
1HP INTERCEPT / MEAN YR =0.02044 ; AVERAGE CALC CV / USED CV = 1.85

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	7.037	9.024	4.366	10.446	10.541	6.436	3.406	0.0	0.0	5.614	6.949
N	15	15	15	15	15	15	15	0	0	13	14
RECORD YEAR	1966	1966	1966	1966	1966	1966	1966	0	0	1964	1964
RECORD MAXIMUM	0.510	0.810	0.920	1.040	1.050	1.070	1.070	0.0	0.0	3.750	29.090
NORMILIZED MAX	2.766	3.038	3.066	3.151	3.162	2.731	1.918	0.0	0.0	2.181	2.689
CALC. COEF. VAR	0.884	0.879	0.828	0.750	0.565	0.352	0.291	0.0	0.0	0.419	0.156
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0072	0.0108	0.0127	0.0151	0.0184	0.0266	0.0335	0.0	0.0	0.0957	1.0000
RP10/A	0.0106	0.0158	0.0187	0.0222	0.0270	0.0392	0.0493	0.0	0.0	0.1407	1.3529
RP25/A	0.0125	0.0186	0.0219	0.0261	0.0317	0.0459	0.0578	0.0	0.0	0.1650	1.5039
RP50/A	0.0138	0.0205	0.0242	0.0288	0.0351	0.0508	0.0639	0.0	0.0	0.1824	1.6060
RP100/A	0.0151	0.0224	0.0264	0.0315	0.0383	0.0555	0.0698	0.0	0.0	0.1993	1.7009
RP1000/A	0.0191	0.0284	0.0335	0.0399	0.0486	0.0703	0.0885	0.0	0.0	0.2526	1.9825
RP10000/A	0.0229	0.0342	0.0402	0.0479	0.0583	0.0844	0.1063	0.0	0.0	0.3033	2.2320
PMP/A	0.0453	0.0675	0.0795	0.0946	0.1152	0.1668	0.2100	0.0	0.0	0.5993	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. PSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F30 1187 0	BUNCOM 25E OREGON	1925						42.150	122.967	OREGON

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.42	*****	*****	0.66	*****	1.40	******
1941	*****	*****	*****	*****	0.37	*****	*****	1.24	*****	3.18	******
1942	*****	*****	*****	*****	0.50	*****	*****	0.91	*****	1.88	******
1943	*****	*****	*****	*****	0.33	*****	*****	0.70	*****	2.47	******
1944	*****	*****	*****	*****	0.76	*****	*****	1.11	*****	1.40	******
1945	*****	*****	*****	*****	0.49	*****	*****	0.87	*****	1.60	******
1946	*****	*****	*****	*****	0.40	*****	*****	1.60	*****	2.90	******
1947	*****	*****	*****	*****	0.30	*****	*****	0.70	*****	1.64	******
1948	*****	*****	*****	*****	0.30	*****	*****	1.20	*****	2.35	******
1949	*****	*****	*****	*****	0.35	*****	*****	1.15	*****	1.45	11.54
1950	*****	*****	*****	*****	0.40	*****	*****	1.30	*****	3.20	29.31
1951	*****	*****	*****	*****	0.30	*****	*****	1.09	*****	1.96	23.93
1952	*****	*****	*****	*****	0.25	*****	*****	0.85	*****	1.45	21.41
1953	*****	*****	*****	*****	0.44	*****	*****	1.04	*****	2.19	29.19
1954	*****	*****	*****	*****	0.31	*****	*****	1.08	*****	1.74	21.49
1955	*****	*****	*****	*****	0.66	*****	*****	1.03	*****	2.20	22.98
1956	*****	*****	*****	*****	0.73	*****	*****	1.16	*****	3.07	26.84
1957	*****	*****	*****	*****	0.36	*****	*****	1.50	*****	2.43	26.52
1958	*****	*****	*****	*****	0.27	*****	*****	0.93	*****	2.17	26.38
1959	*****	*****	*****	*****	0.17	*****	*****	0.40	*****	0.96	12.66
1960	*****	*****	*****	*****	0.23	*****	*****	0.95	*****	2.03	23.59
1961	*****	*****	*****	*****	0.31	*****	*****	1.25	*****	1.57	21.05
1962	*****	*****	*****	*****	0.34	*****	*****	1.36	*****	2.66	24.71
1963	*****	*****	*****	*****	0.58	*****	*****	1.07	*****	1.42	19.92
1964	*****	*****	*****	*****	0.28	*****	*****	1.03	*****	2.68	28.74
1965	*****	*****	*****	*****	0.23	*****	*****	0.99	*****	1.59	18.23
1966	*****	*****	*****	*****	0.26	*****	*****	1.03	*****	2.09	21.77

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. PSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F30 1187 0	BUNCOM 25E OREGON	1925						42.150	122.967	OREGON

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.41	0.0	0.0	1.00	0.0	1.93	22.40
5	0.0	0.0	0.0	0.0	0.55	0.0	0.0	1.34	0.0	2.60	27.79
10	0.0	0.0	0.0	0.0	0.64	0.0	0.0	1.57	0.0	3.03	30.85
20	0.0	0.0	0.0	0.0	0.73	0.0	0.0	1.77	0.0	3.43	33.50
25	0.0	0.0	0.0	0.0	0.75	0.0	0.0	1.84	0.0	3.56	34.29
40	0.0	0.0	0.0	0.0	0.77	0.0	0.0	1.87	0.0	3.62	35.89
50	0.0	0.0	0.0	0.0	0.83	0.0	0.0	2.03	0.0	3.93	36.62
100	0.0	0.0	0.0	0.0	0.91	0.0	0.0	2.22	0.0	4.30	38.79
200	0.0	0.0	0.0	0.0	0.98	0.0	0.0	2.40	0.0	4.65	40.83
1000	0.0	0.0	0.0	0.0	1.15	0.0	0.0	2.81	0.0	5.45	45.21
10000	0.0	0.0	0.0	0.0	1.38	0.0	0.0	3.38	0.0	6.54	50.90
PMP	0.0	0.0	0.0	0.0	2.74	0.0	0.0	6.67	0.0	12.92	114.47
MEAN	0.0	0.0	0.0	0.0	0.437	0.0	0.0	1.065	0.0	2.062	22.803
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	1.214	0.0	0.0	-0.209	0.0	0.364	-0.847
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = ***** ; INTERCEPT (TIME=1 HOUR) =***** ; COEFFICIENT OF DETERMINATION = *****
1HR INTERCEPT / MEAN YR =******* ; AVERAGE CALC CV / USED CV = *****

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	4.166	0.0	0.0	4.029	0.0	2.555	3.945
N	0	0	0	0	27	0	0	27	0	27	18
RECORD YEAR	0	0	0	0	1944	0	0	1946	0	1950	1950
RECORD MAXIMUM	0.0	0.0	0.0	0.0	0.760	0.0	0.0	1.600	0.0	3.200	29.310
NORMILIZED MAX	0.0	0.0	0.0	0.0	1.876	0.0	0.0	2.032	0.0	1.863	1.294
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.395	0.0	0.0	0.247	0.0	0.296	0.220
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0	0.0	0.0	0.0	0.0191	0.0	0.0	0.0467	0.0	0.0904	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0282	0.0	0.0	0.0687	0.0	0.1330	1.3529
RP25/A	0.0	0.0	0.0	0.0	0.0330	0.0	0.0	0.0806	0.0	0.1560	1.5039
RP50/A	0.0	0.0	0.0	0.0	0.0365	0.0	0.0	0.0891	0.0	0.1725	1.6060
RP100/A	0.0	0.0	0.0	0.0	0.0399	0.0	0.0	0.0973	0.0	0.1884	1.7009
RP1000/A	0.0	0.0	0.0	0.0	0.0506	0.0	0.0	0.1234	0.0	0.2388	1.9825
RP10000/A	0.0	0.0	0.0	0.0	0.0607	0.0	0.0	0.1481	0.0	0.2868	2.2320
PMP/A	0.0	0.0	0.0	0.0	0.1199	0.0	0.0	0.2927	0.0	0.5666	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	PMM	LATITUDE	LONGITUDE	COUNTY
F30 2001 0	COPPER OREGON	4200						42.033	123.133	OREGON

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1940	*****	*****	*****	*****	0.35	*****	*****	1.10	*****	2.44	******
1941	*****	*****	*****	*****	0.43	*****	*****	2.40	*****	5.42	******
1942	*****	*****	*****	*****	0.32	*****	*****	1.06	*****	1.96	******
1943	*****	*****	*****	*****	2.17	*****	*****	2.38	*****	3.90	******
1944	*****	*****	*****	*****	0.74	*****	*****	1.20	*****	2.00	******
1945	*****	*****	*****	*****	0.50	*****	*****	1.10	*****	2.65	******
1946	*****	*****	*****	*****	0.38	*****	*****	1.58	*****	3.35	******
1947	*****	*****	*****	*****	0.40	*****	*****	1.20	*****	3.35	******
1948	*****	*****	*****	*****	0.72	*****	*****	1.43	*****	3.86	******
1949	*****	*****	*****	*****	0.55	*****	*****	1.20	*****	2.04	19.18
1950	*****	*****	*****	*****	0.37	*****	*****	1.95	*****	4.20	******
1951	*****	*****	*****	*****	0.40	*****	*****	1.40	*****	3.50	******
1952	*****	*****	*****	*****	0.32	*****	*****	0.99	*****	2.52	28.10
1953	*****	*****	*****	*****	0.34	*****	*****	1.31	*****	3.86	41.12
1954	*****	*****	*****	*****	0.43	*****	*****	1.85	*****	3.05	34.91
1955	*****	*****	*****	*****	0.42	*****	*****	2.00	*****	4.61	33.82
1956	*****	*****	*****	*****	0.48	*****	*****	1.58	*****	4.77	36.79
1957	*****	*****	*****	*****	0.44	*****	*****	1.95	*****	2.58	39.95
1958	*****	*****	*****	*****	0.33	*****	*****	1.10	*****	2.47	40.11
1959	*****	*****	*****	*****	0.25	*****	*****	1.05	*****	2.10	24.56
1960	*****	*****	*****	*****	0.26	*****	*****	1.19	*****	3.13	36.02
1961	*****	*****	*****	*****	0.37	*****	*****	1.02	*****	2.02	35.16
1962	*****	*****	*****	*****	0.42	*****	*****	1.63	*****	3.40	35.74
1963	*****	*****	*****	*****	0.30	*****	*****	1.11	*****	2.70	32.98
1964	*****	*****	*****	*****	0.40	*****	*****	1.64	*****	5.69	43.68
1965	*****	*****	*****	*****	0.33	*****	*****	1.40	*****	2.91	27.40
1966	*****	*****	*****	*****	0.42	*****	*****	1.18	*****	3.75	37.23

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	EMM	LATITUDE	LONGITUDE	COUNTY
F30 2001 0	COPPER OREGON	4200						42.033	123.133	OREGON

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.51	0.0	0.0	1.38	0.0	3.06	33.56
5	0.0	0.0	0.0	0.0	0.69	0.0	0.0	1.86	0.0	4.12	41.65
10	0.0	0.0	0.0	0.0	0.80	0.0	0.0	2.17	0.0	4.81	46.23
20	0.0	0.0	0.0	0.0	0.91	0.0	0.0	2.45	0.0	5.44	50.20
25	0.0	0.0	0.0	0.0	0.94	0.0	0.0	2.54	0.0	5.64	51.39
40	0.0	0.0	0.0	0.0	0.96	0.0	0.0	2.59	0.0	5.73	53.79
50	0.0	0.0	0.0	0.0	1.04	0.0	0.0	2.81	0.0	6.23	54.88
100	0.0	0.0	0.0	0.0	1.14	0.0	0.0	3.07	0.0	6.81	58.12
200	0.0	0.0	0.0	0.0	1.23	0.0	0.0	3.32	0.0	7.37	61.18
1000	0.0	0.0	0.0	0.0	1.44	0.0	0.0	3.89	0.0	8.63	67.75
10000	0.0	0.0	0.0	0.0	1.73	0.0	0.0	4.67	0.0	10.36	76.27
PMP	0.0	0.0	0.0	0.0	3.42	0.0	0.0	9.23	0.0	20.47	171.54
MEAN	0.0	0.0	0.0	0.0	0.546	0.0	0.0	1.473	0.0	3.268	34.172
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	4.373	0.0	0.0	1.009	0.0	0.736	-0.873
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = ***** ; INTERCEPT (TIME=1 HOUR) =***** ; COEFFICIENT OF DETERMINATION = *****
IMP INTERCEPT / MEAN YR =******** ; AVERAGE CALC CV / USED CV = *****

KURTOSIS	0.0	0.0	0.0	0.0	23.417	0.0	0.0	3.385	0.0	3.226	3.985
N	0	0	0	0	27	0	0	27	0	27	16
RECORD YEAR	0	0	0	0	1943	0	0	1941	0	1964	1964
RECORD MAXIMUM	0.0	0.0	0.0	0.0	2.170	0.0	0.0	2.400	0.0	5.690	43.680
NORMILIZED MAX	0.0	0.0	0.0	0.0	3.983	0.0	0.0	2.214	0.0	2.341	1.464
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.746	0.0	0.0	0.284	0.0	0.317	0.190
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268

MEAN/A	0.0	0.0	0.0	0.0	0.0160	0.0	0.0	0.0431	0.0	0.0956	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0235	0.0	0.0	0.0634	0.0	0.1406	1.3529
RP25/A	0.0	0.0	0.0	0.0	0.0276	0.0	0.0	0.0744	0.0	0.1650	1.5039
RP50/A	0.0	0.0	0.0	0.0	0.0305	0.0	0.0	0.0822	0.0	0.1824	1.6060
RP100/A	0.0	0.0	0.0	0.0	0.0333	0.0	0.0	0.0898	0.0	0.1992	1.7009
RP1000/A	0.0	0.0	0.0	0.0	0.0422	0.0	0.0	0.1138	0.0	0.2525	1.9825
RP10000/A	0.0	0.0	0.0	0.0	0.0507	0.0	0.0	0.1367	0.0	0.3032	2.2320
PMP/A	0.0	0.0	0.0	0.0	0.1002	0.0	0.0	0.2701	0.0	0.5991	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

MAXIMUM ANNUAL PRECIPITATION (UNITS=INCHES)
(TO CONVERT TO MILLIMETERS MULTIPLY BY 25.4)

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F30 4506 0	KERRY OREGON	1265						42.217	123.650	OREGON

M=MINUTES,H=HOURS,D=DAYS,C YR=CALENDAR YEAR,W YR=WATER YEAR,F YR=FISCAL YEAR
***** = NO DATA AVAILABLE

YEAR	DURATION 5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
1941	*****	*****	*****	*****	0.46	*****	*****	2.31	*****	5.83	******
1942	*****	*****	*****	*****	0.39	*****	*****	1.52	*****	2.99	******
1943	*****	*****	*****	*****	0.38	*****	*****	1.97	*****	4.88	******
1944	*****	*****	*****	*****	0.32	*****	*****	1.24	*****	2.67	******
1945	*****	*****	*****	*****	0.38	*****	*****	1.88	*****	5.12	******
1946	*****	*****	*****	*****	0.40	*****	*****	1.60	*****	3.63	******
1947	*****	*****	*****	*****	0.60	*****	*****	1.45	*****	4.08	******
1948	*****	*****	*****	*****	0.33	*****	*****	1.53	*****	4.72	******
1949	*****	*****	*****	*****	0.35	*****	*****	1.30	*****	3.36	34.74
1950	*****	*****	*****	*****	0.87	*****	*****	2.60	*****	7.08	80.26
1951	*****	*****	*****	*****	0.47	*****	*****	1.37	*****	3.38	******
1952	*****	*****	*****	*****	0.52	*****	*****	1.19	*****	2.96	49.76
1953	*****	*****	*****	*****	0.43	*****	*****	1.78	*****	5.50	67.24
1954	*****	*****	*****	*****	0.30	*****	*****	1.30	*****	3.90	******
1955	*****	*****	*****	*****	0.31	*****	*****	1.20	*****	2.95	48.11
1956	*****	*****	*****	*****	0.38	*****	*****	1.88	*****	5.70	53.37
1957	*****	*****	*****	*****	0.30	*****	*****	1.48	*****	2.88	58.45
1958	*****	*****	*****	*****	0.35	*****	*****	1.48	*****	3.50	63.49
1959	*****	*****	*****	*****	0.31	*****	*****	1.63	*****	3.40	35.47
1960	*****	*****	*****	*****	0.38	*****	*****	1.71	*****	4.02	58.05
1961	*****	*****	*****	*****	0.39	*****	*****	1.55	*****	4.82	58.52
1962	*****	*****	*****	*****	0.54	*****	*****	1.84	*****	3.07	44.38
1963	*****	*****	*****	*****	0.38	*****	*****	1.60	*****	3.64	51.67
1964	*****	*****	*****	*****	0.51	*****	*****	2.16	*****	6.25	54.02
1965	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	45.16
1966	*****	*****	*****	*****	0.38	*****	*****	1.37	*****	4.78	46.36

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUP	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BMM	LATITUDE	LONGITUDE	COUNTY
F30 4506 0	KERRY OREGON	1265						42.217	123.650	OREGON

MAXIMUM PRECIPITATION (IN) FOR INDICATED DURATION D=DAYS H=HOURS M=MINUTES

RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
2	0.0	0.0	0.0	0.0	0.45	0.0	0.0	1.57	0.0	3.94	52.12
5	0.0	0.0	0.0	0.0	0.60	0.0	0.0	2.11	0.0	5.30	64.68
10	0.0	0.0	0.0	0.0	0.70	0.0	0.0	2.46	0.0	6.18	71.79
20	0.0	0.0	0.0	0.0	0.79	0.0	0.0	2.78	0.0	7.00	77.96
25	0.0	0.0	0.0	0.0	0.82	0.0	0.0	2.88	0.0	7.25	79.81
40	0.0	0.0	0.0	0.0	0.93	0.0	0.0	2.93	0.0	7.38	83.53
50	0.0	0.0	0.0	0.0	0.91	0.0	0.0	3.19	0.0	8.02	85.23
100	0.0	0.0	0.0	0.0	0.99	0.0	0.0	3.48	0.0	8.76	90.26
200	0.0	0.0	0.0	0.0	1.07	0.0	0.0	3.77	0.0	9.48	95.00
1000	0.0	0.0	0.0	0.0	1.26	0.0	0.0	4.41	0.0	11.10	105.20
10000	0.0	0.0	0.0	0.0	1.51	0.0	0.0	5.30	0.0	13.33	118.44
PMP	0.0	0.0	0.0	0.0	2.98	0.0	0.0	10.46	0.0	26.34	266.39
MEAN	0.0	0.0	0.0	0.0	0.476	0.0	0.0	1.670	0.0	4.204	53.066
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.140	1.070	1.040	1.020	1.010	1.000	1.000
CALCULATED SKEW	0.0	0.0	0.0	0.0	2.295	0.0	0.0	1.077	0.0	0.740	0.560
REGIONAL SKEW	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400
SKEW USED	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	0.400

SLOPE OF LOG INTENSITY / LOG TIME = ***** ; INTERCEPT (TIME=1 HOUR) =***** ; COEFFICIENT OF DETERMINATION = *****
1HR INTERCEPT / MEAN YR =******* ; AVERAGE CALC CV / USED CV = *****

	5M	10M	15M	30M	1H	2H	3H	6H	12H	24H	C-YR
KURTOSIS	0.0	0.0	0.0	0.0	9.932	0.0	0.0	4.313	0.0	2.999	4.340
N	0	0	0	0	25	0	0	25	0	25	16
RECORD YEAR	0	0	0	0	1950	0	0	1950	0	1950	1950
RECORD MAXIMUM	0.0	0.0	0.0	0.0	0.870	0.0	0.0	2.600	0.0	7.080	80.260
NORMILIZED MAX	0.0	0.0	0.0	0.0	2.809	0.0	0.0	2.583	0.0	2.395	2.355
CALC. COEF. VAR	0.0	0.0	0.0	0.0	0.295	0.0	0.0	0.215	0.0	0.286	0.218
REGN. COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
USED COEF. VAR	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.268
MEAN/A	0.0	0.0	0.0	0.0	0.0090	0.0	0.0	0.0315	0.0	0.0792	1.0000
RP10/A	0.0	0.0	0.0	0.0	0.0132	0.0	0.0	0.0463	0.0	0.1165	1.3529
RP25/A	0.0	0.0	0.0	0.0	0.0155	0.0	0.0	0.0543	0.0	0.1367	1.5039
RP50/A	0.0	0.0	0.0	0.0	0.0171	0.0	0.0	0.0600	0.0	0.1511	1.6060
RP100/A	0.0	0.0	0.0	0.0	0.0187	0.0	0.0	0.0656	0.0	0.1651	1.7009
RP1000/A	0.0	0.0	0.0	0.0	0.0237	0.0	0.0	0.0831	0.0	0.2092	1.9825
RP10000/A	0.0	0.0	0.0	0.0	0.0284	0.0	0.0	0.0998	0.0	0.2512	2.2320
PMP/A	0.0	0.0	0.0	0.0	0.0562	0.0	0.0	0.1972	0.0	0.4984	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL (<25) RESULTS ARE NOT DEPENDABLE

CONVERSION FACTORS

English to Metric System of Measurement

Quantity	English unit	Multiply by	To get metric equivalent
Length	inches (in)	25.4	millimetres (mm)
		.0254	metres (m)
	feet (ft)	.3048	metres (m)
	miles (mi)	1.6093	kilometres (km)
Area	square inches (in^2)	6.4516×10^{-4}	square metres (m^2)
	square feet (ft^2)	.092903	square metres (m^2)
	acres	4046.9	square metres (m^2)
		.40469	hectares (ha)
		.40469	square hectometres (hm^2)
		.0040469	square kilometres (km^2)
	square miles (mi^2)	2.590	square kilometres (km^2)
Volume	gallons (gal)	3.7854	litres (l)
		.0037854	cubic metres (m^3)
	million gallons (10^6 gal)	3785.4	cubic metres (m^3)
	cubic feet (ft^3)	.028317	cubic metres (m^3)
	cubic yards (yd^3)	.76455	cubic metres (m^3)
	acre-feet (ac-ft)	1233.5	cubic metres (m^3)
		.0012335	cubic hectometres (hm^3)
		1.233×10^{-6}	cubic kilometres (km^3)
Volume/Time (Flow)	cubic feet per second (ft^3/s)	28.317	litres per second (l/s)
		.028317	cubic metres per second (m^3/s)
	gallons per minute (gal/min)	.06309	litres per second (l/s)
		6.309×10^{-5}	cubic metres per second (m^3/s)
	million gallons per day (mgd)	.043813	cubic metres per second (m^3/s)
Mass	pounds (lb)	.45359	kilograms (kg)
	tons (short, 2,000 lb)	.90718	tonne (t)
		907.18	kilograms (kg)
Power	horsepower (hp)	0.7460	kilowatts (kW)
Pressure	pounds per square inch (psi)	6894.8	pascal (Pa)
Temperature	Degrees Fahrenheit (°F)	$\frac{tF - 32}{1.8} = tC$	Degrees Celsius (°C)

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