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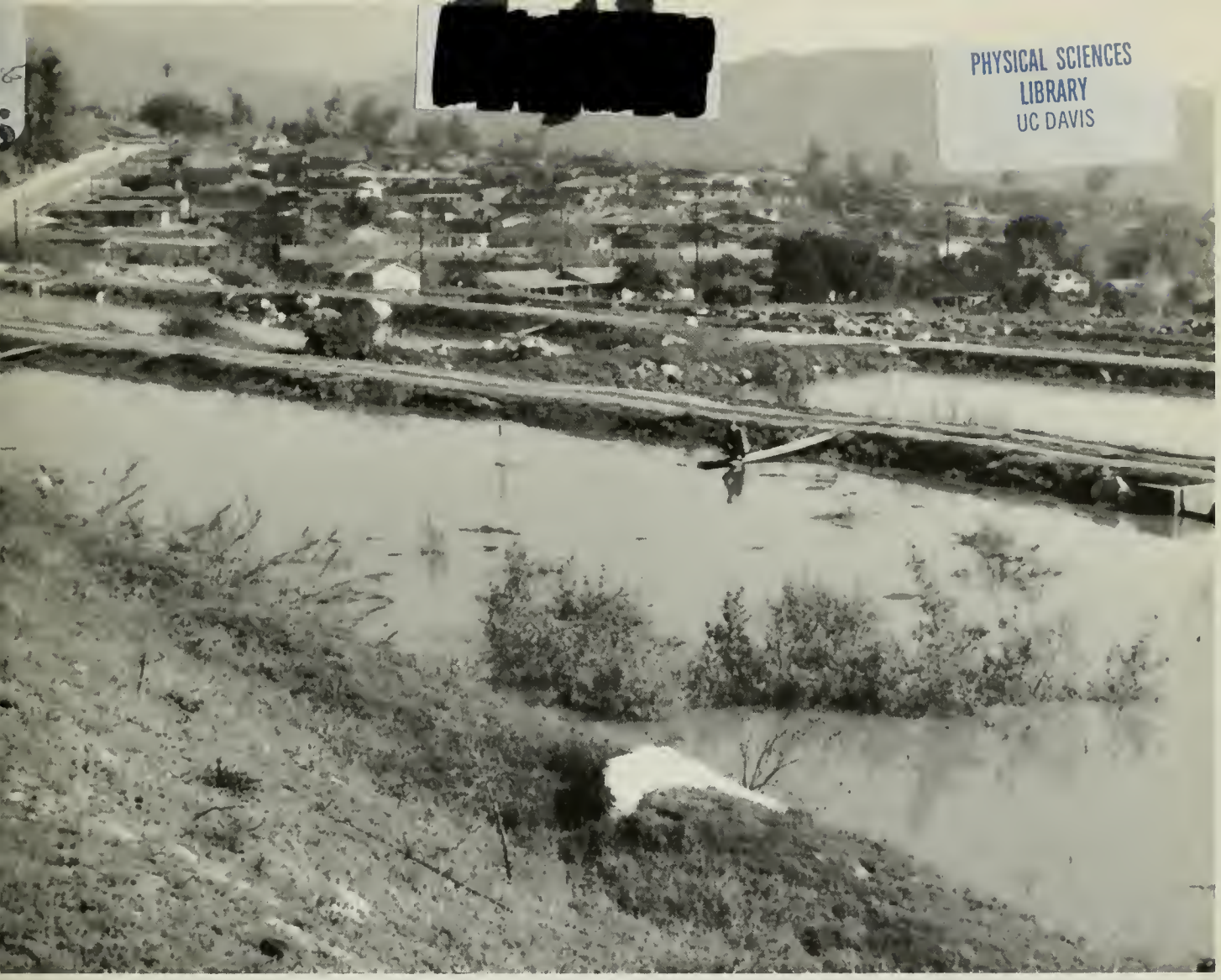

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YDROLOGIC DATA 1985
olume V: Southern California

rdon K. Van Vleck
tary for Resources
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Governor
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David N. Kennedy
Director
Department of Water Resources

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ON THE COVER: Sierra Madre water spreading grounds in the foothills of the San Gabriel Mountains use diverted storm flows to recharge the ground water supplies Ground water supplies in Los Angeles County are augmented annually by spread or injected water from the Colorado River, flood flows, and reclaimed water.

Department of
Water Resources

Bulletin 130-85

HYDROLOGIC DATA 1985

Volume V:
Southern California

May 1988

Gordon K. Van Vleck
Secretary for Resources
The Resources
Agency

George Deukmejian
Governor
State of
California

David N. Kennedy
Director
Department of
Water Resources

BULLETIN 130 HYDROLOGIC DATA
AREAL COVERAGE OF VOLUMES
THIS VOLUME:
N
OREGON
NEVADA
ARIZONA
MEXICO
PACIFIC OCEAN
VOLUME I
NORTH COASTAL
AREA
DEL NORTE
SISKIYOU
MODOC
HUMBOLDT
TRINITY
VOLUME II
NORTHEASTERN
CALIFORNIA
SHASTA
LASSEN
TEHAMA
PLUMAS
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SIERRA
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VOLUME III
CENTRAL COASTAL
AREA
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EL DORADO
ALPINE
AMADOR
CALAVERAS
SONOMA
NAPA
SOLANO
SACRAMENTO
MARIN
CONTRA COSTA
SAN JOAQUIN
TUOLUMNE
MONO
SAN FRANCISCO
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STANISLAUS
MARIPOSA
SAN MATEO
VOLUME IV
SAN JOAQUIN
VALLEY
MERCED
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INYO
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TULARE
KINGS
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SAN BERNARDINO
SANTA BARBARA
VENTURA
LOS ANGELES
ORANGE
RIVERSIDE
SAN DIEGO
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FOREWORD

Department of Water Resources' Bulletin 130 series, which presents hydrologic data for California, was published annually from 1963 to 1975. The series was discontinued with the advent of the storage and retrieval of hydrologic data by electronic data processing methods. However, continued interest in the series prompts resumption of publication.

The first in the resumed series is Bulletin 130-85. It contains hydrologic data for the 1985 water year (October 1, 1984 through September 30, 1985). The Bulletin is published in five volumes, each of which reports on one of the five areas of the State delineated on the facing map. This volume covers Southern California.

The data collection program of the Department of Water Resources supplements similar activities by other agencies to obtain the information required for effective water resources planning, design and operation of water facilities, and for control and management of the State's water resources.

David N. Kennedy, Director
Department of Water Resources

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The California Water Commission serves as a policy advisory body to the Director of Water Resources on all California water resources matters. The nine-member citizen commission provides a water resources forum for the people of the State, acts as a liaison between the legislative and executive branches of State Government, and coordinates federal, state, and local water resources efforts.

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Redlands, City
Riverside, City
San Bernadino, City
San Bernadino County Flood Control District
San Bernadino, East, County Water District
San Diego, City
San Luis Obispo County Flood Control and Water Conservation District
Santa Maria Valley Water Conservation District
Santa Paula Water Works Limited
Southern California Water Company
Temescal Water Company
United Water Conservation District (Ventura County)
Ventura County Flood Control District
Vista Irrigation District
Western Municipal Water District

INTRODUCTION

Bulletin 130-85 presents data on the quantity and quality of California's water resources for the water year October 1, 1984 through September 30, 1985. These data were collected by the Department of Water Resources and other organizations cooperating with the Department. The data are published in five volumes (for areal coverage of volumes see page ii). This volume encompasses Southern California. Each volume contains data presented in five appendixes as follows:

Appendix	Subject
A	Precipitation Measurements
B	Surface Water Measurements
C	Surface Water Quality
D	Ground Water Measurements
E	Ground Water Quality

Inquiries regarding the data in this publication should be directed to the offices of the Department of Water Resources listed inside the back cover. The Department's files also contain some data currently not being published, which are also available from these offices.

Additional information about the availability of hydrologic data for California will be found in Department of Water Resources Bulletin 230 series "Index to Sources of Hydrologic Data." This reference series presents an inventory of historic hydrologic data on file with the Department. The most recent issue is Bulletin 230-81. A new edition is in preparation.

Station Location and Identification

The locations of surface water measurement and surface water quality data stations are shown on figures included with the respective appendix. Because there are so many precipitation stations and individual wells, plotting them on a map in this volume is impractical. Instead, figures are presented in the respecitive appendix which delineate the areas for which data are listed in the volume.

The principal identifiers for locating hydrologic data stations are (1) station name, (2) station number, (3) latitude and longitude, (4) township, range and section (T,R and S) and (5) county. All are used in this publication, but vary with the type of data and common usage. For example, in ground water the township, range and section serve as the station name and number.

A sixth identifier, an areal one, is employed in this publication. Called the "Areal Designation Code," it is the signature for the Department's Areal Designation System which was developed to relate all water resources data to areal location. The Areal Designation System and Code are described in the following section.

Detailed explanations of the station names and station numbers used for each type of data appear with the appendix in which the data appear.

Latitude is the angular measurement from the equator, north or south, to a point of interest on the earth's surface. Longitude is the angular measurement from the prime meridian (zero point) at Greenwich, England, east or west, to a point of interest on the earth's surface. Latitude and longitude are given in degrees, minutes and seconds. A difference of one second of latitude represents about

100 feet on the ground. In California, a difference of one second of longitude represents about 85 feet on the ground.

Areal Designation Code

The areal designation code (called simply the "areal code") is an alphanumeric which designates a specific hydrologic area in the State.

Areal designation defines hydrologic boundaries throughout California. Under this system, the State is divided into four geographic levels based on topography, hydrology, geology and occasionally, institutional considerations. These are designated, in decreasing size, hydrologic basin (HB), hydrologic unit (HU), hydrologic area (HA) and hydrologic subarea (HSA). The first level, the hydrologic basin, is the land area defined by the highest surrounding ridges such that each separate land area is easily identified as independent of the others. There are 12 hydrologic basins in California and each is identified by a letter (see Figure 1). Each of the hydrologic basins is divided into a hydrologic unit which encompasses a major watershed, two or more small contiguous watersheds having similar characteristics, or a closed drainage area. The third level of subdivision is the hydrologic area and the fourth and smallest breakdown is the hydrologic subarea. The latter usually is a single ground water basin, a definable portion of a larger ground water basin, a tributary area of a stream system, or a definable portion of a large stream tributary.

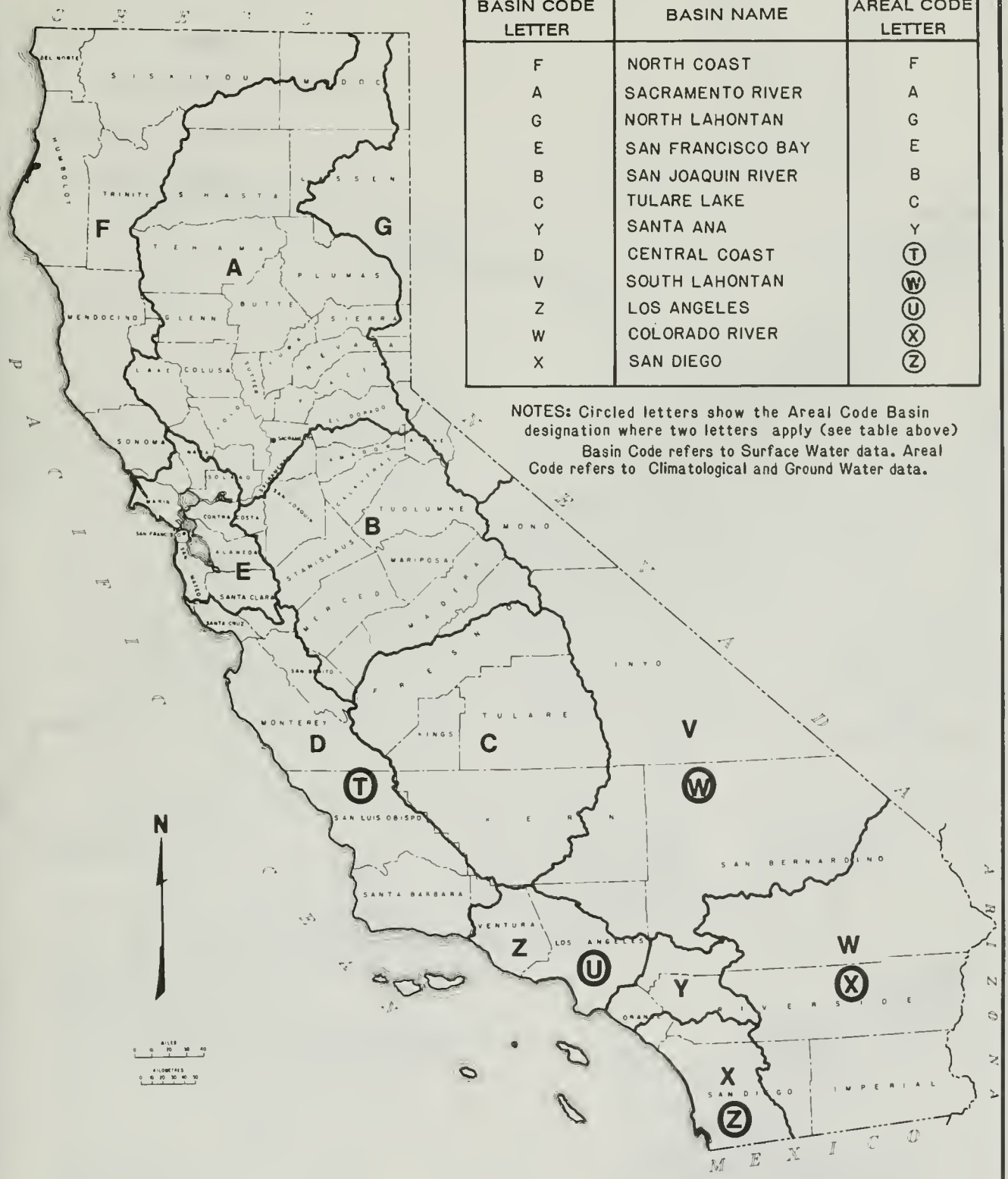
The code used to identify each subdivision consists of five characters; a letter for the hydrologic basin; two numerics for the hydrologic unit; a letter for the hydrologic area; and a single numeric for the hydrologic subarea; i.e., T-10.A2 designates the Arroyo de la Cruz Hydrologic Subarea in this volume.

Because several stations may be located in a given hydrologic subarea, the areal code facilitates locating and comparing nearby stations be they precipitation, streamflow, water quality or ground water stations. The areal code is used as an identifier for all stations in this report. The Water Data Information System (WDIS), a computerized data system of the Department of Water Resources, can retrieve all data types by areal code.

Areal codes and boundaries for this volume appear on Figure 2. A map showing all areal codes and boundaries in California as well as a list of all 1,309 subdivisions and their names is available on request.

Agency Code

Reference is made in various tables in this publication to code numbers used to identify agencies collecting data, operating stations, or performing laboratory analysis (Lab). The agencies or laboratories may be identified by matching the tabulated code number with one of the code numbers listed at the beginning of the respective appendix. A complete cross index of agencies and code numbers is available on request.



BASIN CODE LETTER	BASIN NAME	AREAL CODE LETTER
F	NORTH COAST	F
A	SACRAMENTO RIVER	A
G	NORTH LAHONTAN	G
E	SAN FRANCISCO BAY	E
B	SAN JOAQUIN RIVER	B
C	TULARE LAKE	C
Y	SANTA ANA	Y
D	CENTRAL COAST	T
V	SOUTH LAHONTAN	W
Z	LOS ANGELES	U
W	COLORADO RIVER	X
X	SAN DIEGO	Z

NOTES: Circled letters show the Areal Code Basin designation where two letters apply (see table above) Basin Code refers to Surface Water data. Areal Code refers to Climatological and Ground Water data.

Figure 1. HYDROLOGIC BASINS OF CALIFORNIA

Figure 2 AREAL CODES AND TOWNSHIPS
CENTRAL COASTAL BASIN

Figure 2 AREAL CODES AND TOWNSHIPS
LOS ANGELES BASIN

KEY TO BASINS BY AREAL CODE

NOTE: Circled letters show Areal Code Basin designation where it differs from Basin Code letter.

LEGEND

BASIN BOUNDARY

SUBAREA BOUNDARIES

Y–1.E1 SUBAREA NUMBER DESIGNATION

Figure 2 AREAL CODES AND TOWNSHIPS

SANTA ANA BASIN

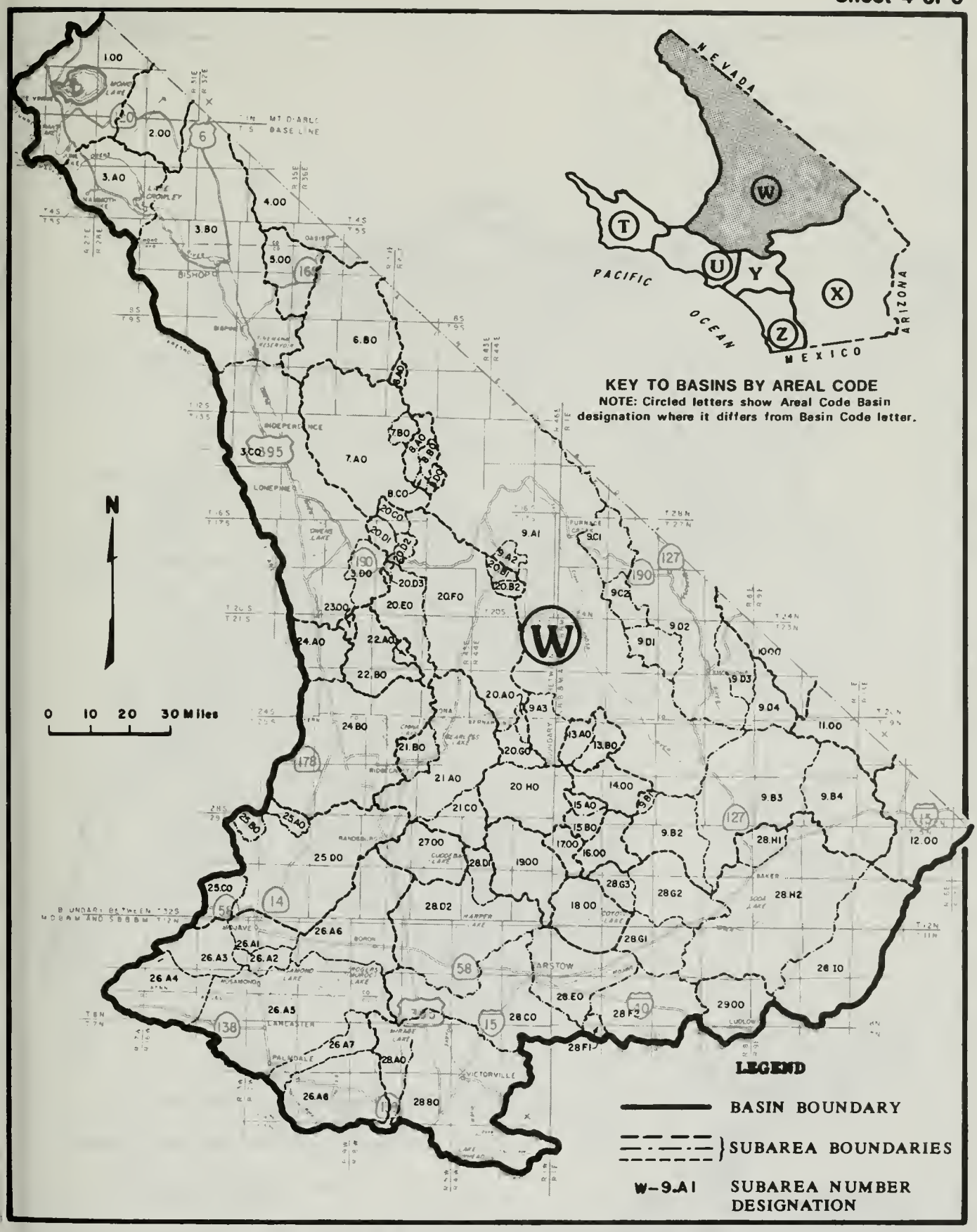


Figure 2 AREAL CODES AND TOWNSHIPS
SOUTH LAHONTAN BASIN

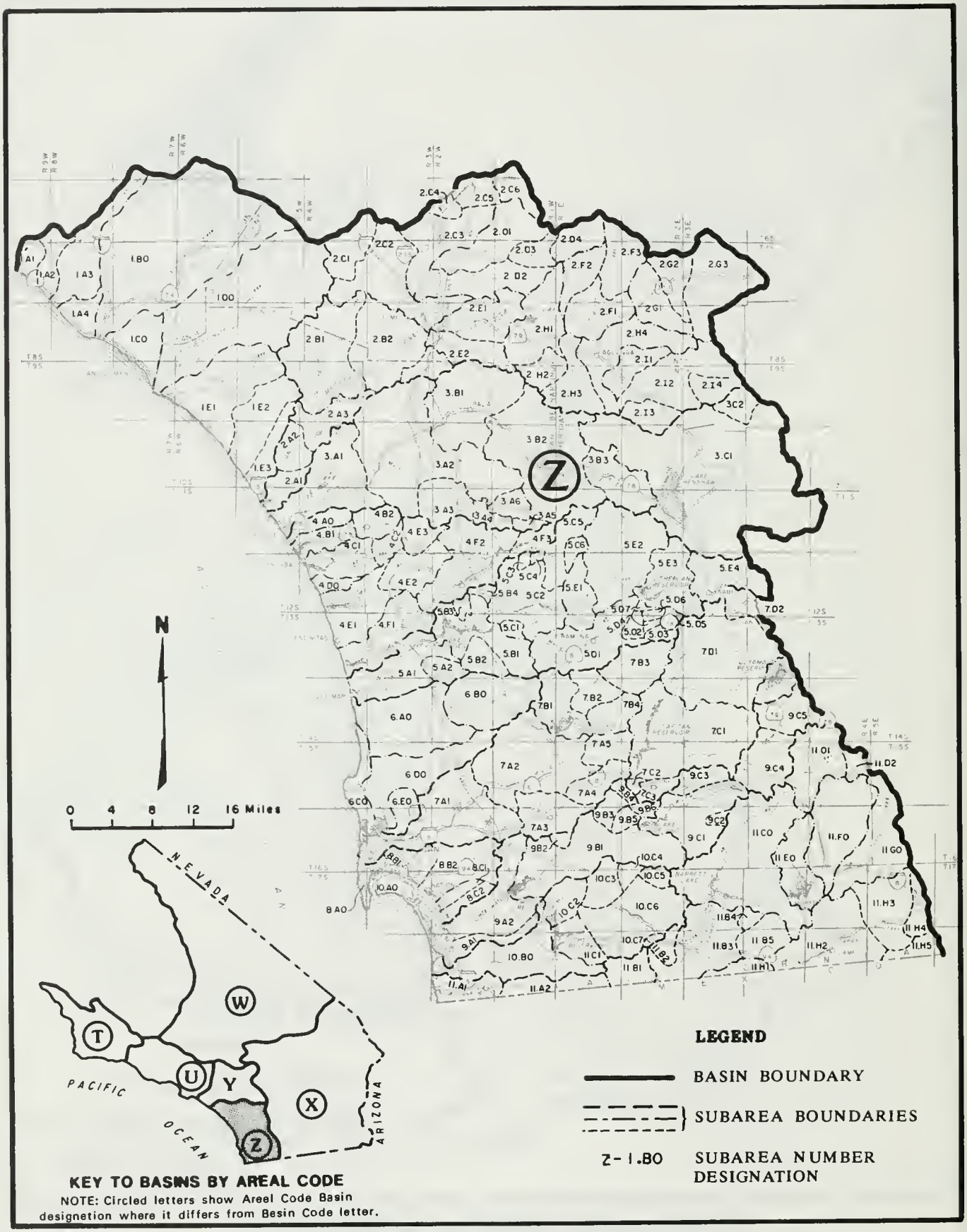


Figure 2 AREAL CODES AND TOWNSHIPS
SAN DIEGO BASIN

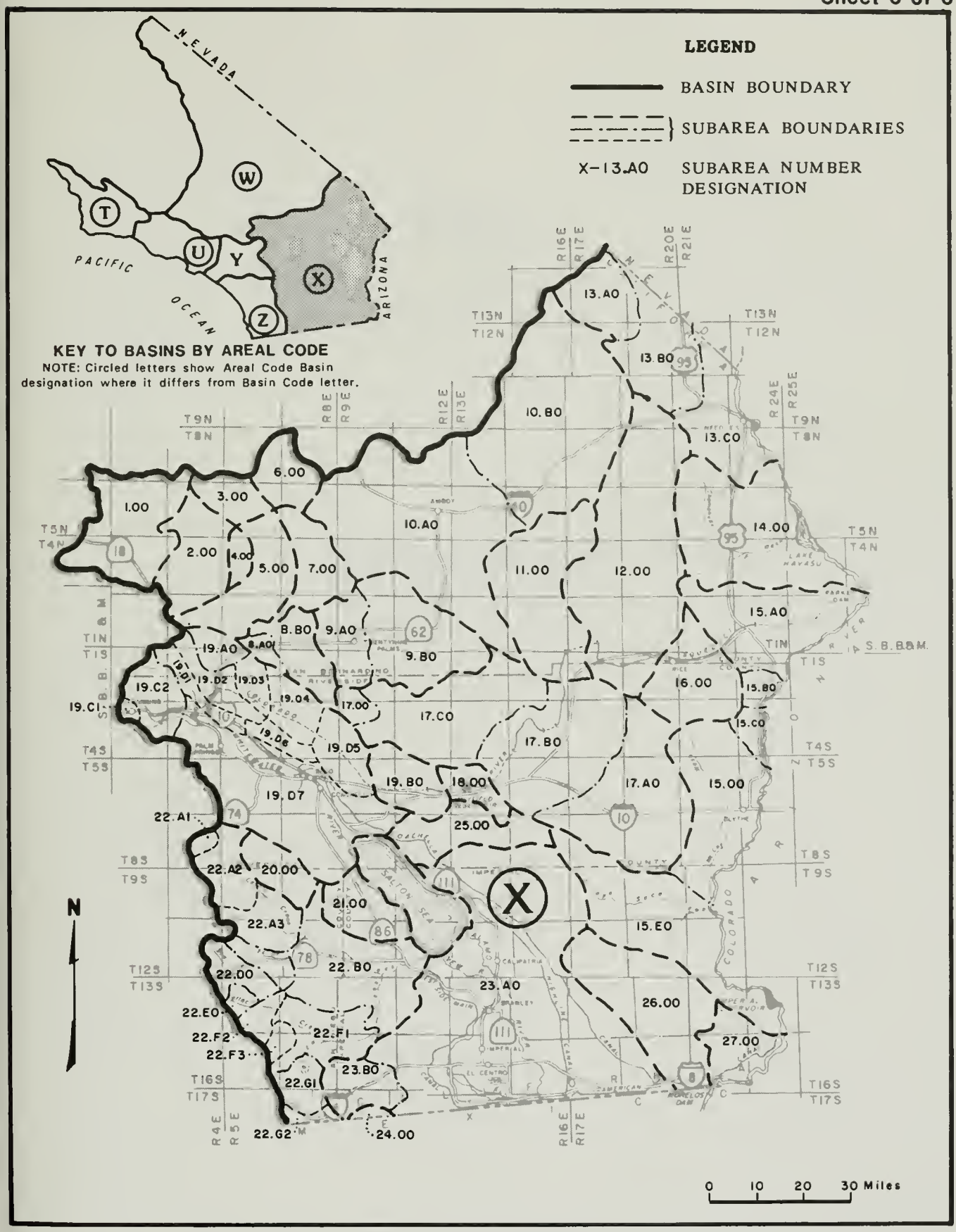


Figure 2 AREAL CODES AND TOWNSHIPS
COLORADO RIVER BASIN

APPENDIX A

CLIMATOLOGICAL DATA

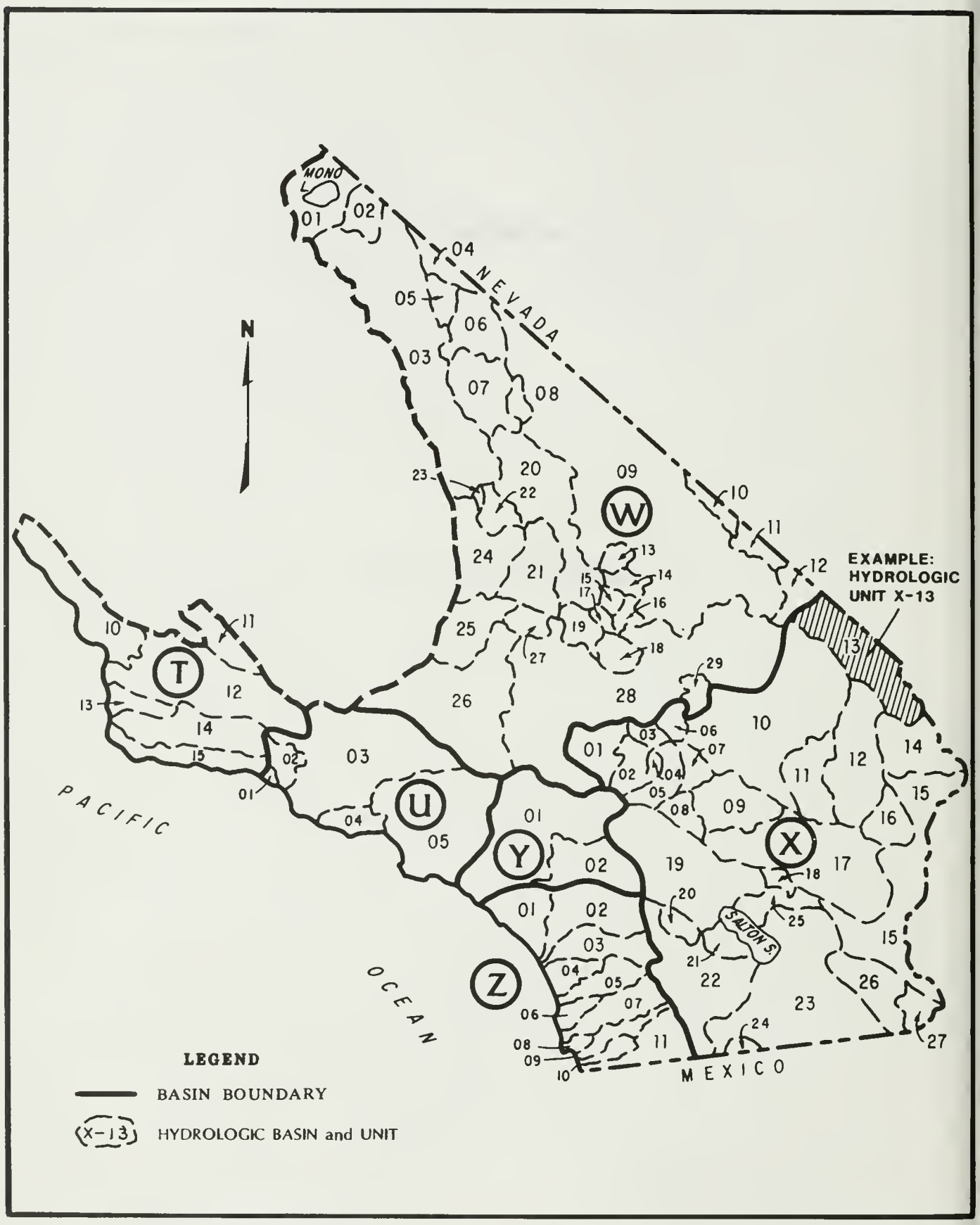


Figure 3 HYDROLOGIC BASINS AND UNITS FOR LOCATING CLIMATOLOGICAL STATIONS IN VOLUME V

APPENDIX A

CLIMATOLOGICAL DATA

Appendix A (Table A) presents precipitation data for certain climate stations in Southern California for the water year October 1, 1984 through September 30, 1985.

The first character of the nine character climatological station number indicates the major basin in which the station is located. This character is one of the areal code letters shown on Figure 1. The next two characters designate the hydrologic units in the major basin. Because there are so many stations, (456 to be exact) plotting the location of each on a map in this volume is impractical. Instead, to facilitate locating the stations listed, the hydrologic basins and units for climatological stations in this volume are shown on Figure 3 (facing page).

The fourth through the ninth characters denote the sequence of the stations under an alphanumeric system developed by the National Weather Service. (The fourth through seventh characters are the same as the four-digit station numbers used by the National Weather Service.)

Climatological stations are often named after the nearest post office and the distance and direction to the station. Distance is in miles, and the direction is represented in one of 16 compass points. For example, El Centro 2 SSW denotes a station located 2 miles south southwest of the post office at El Centro. When two observers (stations) are situated in the same general location, the town name is sometimes followed by the name of the observer. For example; Glendale-Jones, where Glendale is the place name and Jones is the observer. The responsibility for selecting the station name generally rests with the agency or individual who establishes the station.

The space for station names is restricted to a combination of 25 letters and/or numerals; therefore, some abbreviations are necessary. Common abbreviations are:

AP - Airport
FS - Fire Station
HMS - Highway Maintenance Station
LO - Lookout
PH - Power House
RS - Ranger Station
SP - State Park
STA - Station

The Department gives latitude and longitude to the nearest second when the value is known, but the National Weather Service lists stations by degree and minute only. A zero value or a blank space for "seconds" in the latitude and longitude columns means that these values have been obtained from the National Weather Service, and the location has not been verified in the field.

Elevations are given in feet from USGS mean sea level datum, and are usually obtained by interpolation between contours of USGS topographic maps.

Precipitation values are shown to the nearest hundredth of an inch (0.01"). (Where digital recording rain gages that only record to the nearest tenth of an inch are used, a zero is shown in the second decimal place.)

The following notations are used to qualify the values:

–	No record or incomplete record
B	Record began
E	Estimated in some degree
N	Record ends
.00T	Trace, an amount too small to measure

TABLE A
MONTHLY PRECIPITATION

AREAL CODE	STATION NUMBER	LAT	LONG	ELEV	STATION NAME	TOTAL	1984 OCT	1984 NOV	1984 DEC	1985 JAN	1985 FEB	1985 MAR	1985 APR	1985 MAY	1985 JUN	1985 JUL	1985 AUG	1985 SEP
						PRECIPITATION IN INCHES												
U03E5	U03001400	34 29	118 16	2,920	Acton Escondido Canyon	8.50	.06	.94	5.85	.35	.43	.54	.00	.14	.00	.00	.00	.19
U03E5	U03001403	34 27	118 11	2,550	Acton Camp 2	7.85	.05	1.12	4.71	.39	.24	.77	.05	.32	.00	.11	.00	.09
U03E5	U03001405	34 30	118 14	3,250	Acton Hubbard River	---	.04	1.26	5.18	.44	.87	.80	.00	.15	.00	---	---	---
W28B0	W28002400	34 35	117 24	2,845	Adelanto	4.45	.00	.19	3.28	.30	.10	.08	.00	.00	.00	.17	.00	.33
Z02H4	Z02004590	33 29	116 48	3,380	Aguana - Bradford	10.33	.00	1.29	3.89	.71	.93	1.30	.35	.00	.00	1.55	.00	.31
Z02F1	Z02004620	33 26	116 52	1,920	Aguana Valley	---	.00	.80	4.00	.40	.90	.70	.00	.00	.00	---	---	---
U0501	U05010202	34 05	118 07	485	Alhambra-City Hall	14.20	.10	2.44	7.20	.85	1.93	1.20	.00	.24	.00	.00	.00	.24
Z07C3	Z07013300	32 50	116 46	1,900	Alpine	14.46	.49	2.08	5.42	1.38	1.68	2.09	.67	.07	.07	.05	.00	.46
U05C1	U05014400	34 10	118 08	1,125	Altadena	18.93	.09	5.16	8.60	.94	2.27	1.43	.07	.31	.01	.00	.00	.05
X10A0	X10017615	34 32	115 42	625	Amboy 3 ESE Saltus	5.27	.00	.61	1.35	.97	.00	.00	.03	.00	.00	1.50	.00	.81
X10A0	X10017630	34 29	115 44	595	Amboy 6 S Brime	4.53	.00	.64	1.23	.56	.00	.00	.03	.00	.00	1.50	.00	.57
W28B0	W28024400	34 31	117 12	2,935	Apple Valley	---	.00	.00	4.42	.01	.00	.31	.00	.00	.00	.00	---	.44
Y01B6	Y01026400	33 55	117 26	805	Arlington	7.35	.07	.78	4.30	.83	.91	.36	.00	.00	.00	.00	.00	.10
W28B0	W28031000	34 14	117 11	5,593	Arrowhead Ranger Station	11.40	.97	3.39	7.04	.00	.00	.00	.00	.00	.00	.00	.00	.00
U05A5	U05033111	33 51	118 04	52	Artesia	---	.18	1.65	4.93	.99	1.62	1.26	.00	---	---	---	---	---
U0600	U06039500	33 21	118 20	25	Avalon Pleasure Pier	---	.26	2.83	5.84	.61	.35	.15	.03	.03	.14	---	.00	---
U0501	U05041002	34 06	117 52	620	Azusa Valley Water Co	15.00	.10	3.70	6.80	1.20	1.90	1.00	.00	.10	.00	.00	.00	.20
W28H2	W28043600	35 16	116 04	940	Baker	2.90	.00	.54	1.54	.20	.00	.08	.05	.00	.00	.15	.00	.34
X19C2	X19048720	34 00	116 54	4,000	Banning Bench 2	18.39	.35	2.81	6.18	2.18	2.08	2.25	1.02	.14	.45	.00	.00	.93
X19C1	X19048700	33 55	116 52	2,315	Banning Water Co.	---	.60	1.95	6.41	2.15	1.10	1.43	.53	.00	.10	---	---	---
U03C1	U03050611	34 21	118 56	400	Bardsdale Young Ranch	11.64	.19	3.46	4.20	1.41	1.08	1.16	.07	.04	.00	.03	.00	.00
W28E0	W28051900	34 54	117 01	2,142	Barstow	---	.00	.45	.00	1.02	.10	.25	---	---	.00	.13	.00	2.53
W28C0	W28051910	34 49	117 01	2,240	Barstow Guadian	---	.00	.37	2.45	.60	.00	.22	.00	---	.00	.23	.00	.46
Y02B1	Y02060600	33 55	116 58	2,613	Beaumont	---	.30	1.60	6.30	1.50	1.60	1.80	.50	.00	.00	---	---	---
Y02B1	Y01060912	33 55	116 57	2,600	Beaumont SDF	14.97	.57	1.86	6.33	1.82	1.45	1.67	.45	.01	.09	.05	.00	.67
Y01F2	Y01060900	33 55	116 57	2,609	Beaumont 1E	14.90	.57	1.76	6.42	1.27	1.43	1.97	.51	.02	.11	.14	.00	.70
U05A3	U05061900	34 05	118 26	540	Bel Air Hotel-FC 10	---	.20	2.23	4.63	.79	2.67	2.11	---	.12	.00	.00	.00	.16
U05A5	U05062601	33 58	118 11	145	Bell Fire Station	---	.16	---	---	---	---	---	.00	.00	.00	.00	.00	1.04
W03B0	W03068400	37 50	118 29	5,460	Benton Inspection Station	4.29	.15	1.55	.43	.05	.00	.61	.00	.00	.71	.74	.00	.05
X1907	X19069900	33 44	116 17	100	Bermuda Dunes	2.61	.00	.23	1.39	.34	.12	.00	.00	.00	.00	.00	.00	.53
U05A5	U05072211	34 04	118 23	290	Beverly Hills-City Hall	13.81	.18	1.95	5.21	.73	2.91	2.49	.00	.14	.00	.00	.00	.20
Y01G1	Y01074100	34 15	116 55	6,750	Big Bear Lake	---	.25	1.55	4.70	---	.66	2.09	.00	---	.20	2.68	.00	.63
Y01G1	Y01074200	34 14	116 58	6,815	Big Bear Lake Dam	19.99	.00	2.83	12.77	2.02	.51	1.86	.00	.00	.00	.00	.00	.00
Y01G3	Y01074301	34 15	116 50	6,800	Big Bear City	---	.07	1.28	3.91	1.23	.00	1.56	.04	---	.07	4.24	.00	.22
U0504	U05075800	34 10	117 48	1,575	Big Dalton Dam	20.60	.24	4.61	8.70	1.44	2.41	2.28	.16	.33	.00	.00	.00	.43
W28A0	W28077900	34 22	117 41	6,860	Big Pines Park	19.78	.15	3.24	12.30	1.12	.00	1.48	.03	.02	.00	1.01	.00	.43
U05C2	U05079800	34 17	118 11	2,315	Big Tujunga Dam	18.63	.14	3.79	9.81	.77	1.24	2.49	.07	.25	.00	.00	.00	.07
W03B0	W03081900	37 15	118 35	8,150	Bishop Creek Intake	---	.64	6.46	1.48	---	.62	1.08	.12	.00	.82	1.28	.00	.96
W03B0	W03082200	37 22	118 22	4,108	Bishop WB Airport	---	.16	1.97	.85	.25	.01	.06	.00	.00	.67	.31	---	.34
Y01B1	Y01088700	34 04	117 23	1,100	Bloomington	6.76	.00	1.51	3.58	.00	.00	1.64	.03	.00	.00	.00	.00	.00
W26H0	U05090420	34 21	117 40	8,500	Blue Ridge Lookout	---	.19	2.70	5.58	.87	.67	1.44	.00	.67	.00	---	---	---
X15D0	X15092400	33 37	114 36	266	Blythe	---	.00	.56	3.77	.32	.00	.10	.00	.00	.00	---	.00	1.64
X15D0	X15092705	33 36	114 42	390	Blythe Air Base	5.40	.00	.35	2.97	.23	.20	.05	.05	.00	.00	.00	.00	1.55
X15D0	X15092700	33 37	114 43	390	Blythe CAA Airport	5.69	.00	.10	3.33	.27	.29	.03	.06	.00	.00	.00	.00	1.61
X15D0	X15092800	33 36	114 35	267	Blythe SDF	6.45	.00	.53	3.78	.32	.17	.01	.00	.00	.00	.00	.00	1.64
X22A3	X22098300	33 16	116 25	750	Borrego Desert Park	5.53	.00	1.51	2.48	.38	.50	.15	.00	.00	.00	.20	.01	.30
X22G1	X22101000	32 40	116 18	3,600	Boulevard No 2	14.58	.23	1.29	4.63	1.38	1.82	1.67	.39	.04	.05	2.29	.09	.70
U05D2	U05102811	34 09	117 57	935	Bradbury Debris Basin	---	---	3.40	9.80	1.10	2.30	1.50	.00	.30	.00	.00	.00	---
U05B1	U05104351	34 11	118 16	1,250	Brand Park	10.90	.10	1.90	5.30	.80	1.40	.90	.00	.30	.00	.00	.00	.20
X23A0	X23104800	32 57	115 33	-100	Brawley 2 SW A.R.S.	3.01	.00	.27	1.46	.08	.17	.00	.00	.00	.00	.06	.00	.97
U05B4	U05109015	34 14	118 13	2,200	Briggs Terrace	---	---	3.53	6.98	.78	2.49	2.19	.07	.38	.02	---	.00	---
W26H0	W26115285	34 20	117 55	6,720	Buckhorn Creek Nr Valyermo	50.12	5.47	19.96	3.50	.97	3.86	7.30	.62	1.86	.60	.16	.12	5.70
U05B1	U05119200	34 10	118 18	680	Burbank Fire Dept.	10.03	.00	1.31	5.61	.68	1.34	.81	.00	.20	.00	.00	.00	.08
U05B1	U05119400	34 11	118 20	655	Burbank Valley Pump Plant	11.72	.20	1.68	6.68	.64	1.33	.85	.23	.01	.00	.00	.00	.10
X19C2	X19125000	33 55	116 47	1,820	Cabazon	9.46	.10	.47	5.27	1.01	.52	1.49	.10	.00	.00	.00	.00	.50
X19C2	X19125001	33 55	116 47	1,790	Cabazon SPRR	9.94	.14	.56	5.51	1.17	.64	1.33	.00	.00	.03	.02	.00	.54
T14E2	T14125300	34 35	119 59	780	Cachuma Dam	12.28	.53	2.73	4.72	1.08	1.41	1.55	.21	.00	.00	.00	.00	.05
W0100	W01126600	37 53	119 05	6,980	Cain Ranch	7.47	.20	1.64	.57	.49	.41	.86	.12	.00	.23	.31	.00	2.64
Y01E1	Y01126701	34 18	117 28	3,118	Cajon Junction	8.23	.01	.17	5.91	.45	.00	.32	.00	.08	.00	1.22	.00	.07
W28B0	W28127200	34 23	117 34	4,780	Cajon West Summit	8.00	.40	.60	5.30	.40	.20	.30	.00	.30	.00	.40	.00	.10
X23A0	X23128800	32 41	115 27	12	Calexico 2 NE I.I.D.	3.58	.00	.33	1.48	.03	.06	.00	.08	.00	.00	.01	.00	1.59
W28E0	W28130250	34 57	116 51	2,340	Calico Regional Park	4.43	.00	.67	2.51	.56	.17	.11	.00	.01	.00	.00	.00	.40
Y01E7	Y01130825	34 00	117 01	2,813	Calimesa East	14.48	.25	1.47	6.06	1.32	1.71	1.95	.00	.10	.43	.20	.00	.99
Z05B2	Z04130900	33 00	117 03	2,400	Calimesa SDF	15.10	.75	1.43	6.54	1.46	1.18	1.63	.71	.03	.30	.00	.00	1.07
U03A2	U03133820	34 14	119 01	192	Camarillo-Hauser	10.50	.29	2.82	3.25	1.39	1.48	1.27	.00	.00	.00	.00	.00	.00
U03A2	U03133900	34 12	119 00	130	Camarillo-Adohr	9.84	.34	2.76	3.12	1.43	1.09	1.08	.00	.00	.00	.00	.00	.02
Y01G2	Y01136960	34 09	116 58	5,780	Camp Angelus-Loenhorst	25.07	.37	3.45	9.11	2.46	1.77	3.80	.66	.08	.32	1.93	.00	1.12
Z11H2	Z11142400	32 37	116 28	2,630	Campo	---	.18	1.43	4.25	---	1.59	1.46	.27	.04	.09	1.74	.00	.33
Y02B2	X19144520	33 38	116 35	5,350	Camp Scherman	16.65	.32	2.71	5.63	1.56	1.46	1.79	.25	.10	.09	1.86	.00	.88
U02A0	U02147211	34 22	119 13	760	Canada Larga	13.48	.36	3.40	5.59	1.33	1.40	1.36	.03	.00	.00	.00	.00	.01
U05B1	U05148400	34 10	118 34	794	Canoga Park Pierce C	11.76	.24	2.30	6.13	.83	1.02	1.03	.02	.04	.00	.08	.00	.07
U04A6	U04151650	34 02	118 38	50	Carbon Canyon	9.24	.29	2.30	2.54	.75	2.05	1.23	.03	.03	.00	.00	.00	.02
U03E1	U03156220	34 29	118 36	1,150	Castaic Dam Headquarters	---	.09	2.56	5.28	.82	.84	1.46	---	.02	.00	---	.00	.29
X1907	X19158750	33 47	116 28	295	Cathedral City RD	2.76	.00	.20	1.55	.29	.27	.00	.00	.00	.00	.00	.00	.45
X1907	X19158705	33 46	116 27	284	Cathedral City SDF	3.47	.00	.29	2.03	.43	.40	.00	.00	.00	.00	.00	.00	.32
U03A1	U03165850	34 09	119 13	5	Channel Island Harbor	10.71	.27	2.74	4.45	1.22	.81	1.18	.00	.04	.00	.00	.00	.00
U05B1	U05167850	34 16	118 36		Chatsworth-Aliso-Brown Cn	12.26	.13	1.76	7.08	1.03	1.24	.95	.00	.00	.00	.00	.00	.07
U05B1	U05168000	34 15	118 36	957	Chatsworth F C 240	---	.19	2.36	5.10	.75	1.61	1.45	.12	.03	.00	.12	---	---
U05B1	U05168200	34 13	118 36	912	Chatsworth Reservoir	---	.23	2.15	3.67	.79	1.79	1.62	.07	.03	.00	.08	.00	---
Y01B1	Y01173202	33 58	117 35	642	Chino Imbach	---	.09	1.23	5.72	1.02	.00	1.50	.00	.04	.04	---	.00	.14
Y01B1	Y01173207	34 01	117 41	730	Chino Fire Station No 1	12.93	.10	1.27	7.20	1.31	1.60	1.18	.00	.08	.00	.00	.00	.19
Y01B1	Y01173208	34 00	117 42	655	Chino Fire Station No 2	---	---	.54	7.08	.76	3.04	.72	.00	.00	---	---	.00	.23
Z08B2	Z08174700	32 44	117 03	400	Chollas Reservoir	11.08	.26	2.30	5.60	.48	.96	.83	.41	.03	.00	.00	.00	.21
Z10B0	Z10175800	32 36	117 06	9	Chula Vista	---	.09	2.01	5.25	.39	.96	.32	.07	.05	---	.00	.00	.20
Z09A1	Z09175820	32 38	117 05	60	Chula Vista Fire Dept	7.42	.10	.12	5.25	.40	.96	.32	.07	.00	.00	.00	.00	.20
Y01B1	Y01177900	34 05	117 42	1,201	Claremont Pomona College	9.21	.10	1.88	4.37	.51	.00	1.51	.02	.08	.01	.00	.00	.73
U05C2	U05179811	34 16	118 10	3,200	Clear Creek School	---	.20	4.45	8.98	.91	1.79	2.97	.02	.32	---	.00	.00	.11
U0503	U05188300	34 14	117 57	2,330	Cogswell Dam	27.71	.35	4.62	16.55	1.16	1.78	2.63	.12	.31	.03	.00	.00	.16
U05B3	U05189600	34 18	118 06	3,675	Colbys FC 530	19.60	.30	3.00	11.50	1.00	1.40	1.80	.00	.50	.00	.00	.00	.10
U0503	U05189750	34 17	117 50	3,280	Coldbrook Ranger Station	---	---	5.00	12.20	.80	1.00	2.60	.04	.20	.10	.00	.00	.50
Y0104	Y01194102	34 04	117 19	980	Colton P.O.	---	.00	.82	4.72	1.59	.67	.60	---	.00	.00	---	.00	.28
Y01B5	Y01203401	33 52	117 33	600	Corona Fire Department	9.92	.09	1.29	5.43	.96	1.28	.65	.02	.02	.00	.00	.00	.18
Y01B5	Y01203300	33 50	117 32	1,070	Corona South	12.00	.15	1.67	7.14	1.07	1.41	.39	.00	.00	.00	.00	.00	.17
W03C0	W03207100	36 25	118 02	3,710	Cottonwood Gates	---	.65	1.91	1.74	.05	.09	.99	.00	---	.01	.61	.00	.43
U0501	U05209000	34 04	117 52	575	Covina Temple FC 193	15.60	.11	3.51	7.00	1.24	1.99	1.11	.00	.23	.06	.00	.00	.35
Y01E6	Y01211611	34 02	117 07	2,000	Crafton-Schneider	9.16	.00	.96	5.08	1.06	.53	1.20	.33	.00	.00	.00	.00	.00
W28B0	Y01216205	34 41	117 16	5,160	Crestline 5E	33.39	.53	6.08	13.51	2.25	2.81	5.29	.66	.26	.45	.01	.00	1.54
W28B0	W28216400	34 14	117 17	4,900	Crestline Fire Station 2	27.94	.60	3.50	12.60	2.30	2.60	4.60	.70	.04	.10	.10	.00	.80
U0503	U05219800	34 18	117 50	5,370	Crystal Lake FC 283C	25.50	.40	5.40	13.50	1.00	1.1	2.80	.30	.40	.00	.10	.00	.50
Y01B1	Y01221002	34 06	117 35		Cucamonga 1-USWB	9.30	.10	1.50	4.00	.80	1.50	1.20	.00	.20	.00	.00	.00	.00

TABLE A (continued)
MONTHLY PRECIPITATION

AREAL CODE	STATION NUMBER	LAT	LONG	ELEV	STATION NAME	PRECIPITATION IN INCHES TOTAL	1984 OCT	NOV	DEC	JAN	FEB	MAR	1985 APR	MAY	JUN	JUL	AUG	SEP
Y01B1	Y01221005	34 06	117 35	1,225	Cucamonga-County Water Dist.	---	.01	1.75	7.13	1.28	1.95	1.20	.00	---	.03	---	.00	.36
X0100	X01223280	34 22	116 52	4,250	Cushenbury Ranch-Shay WBSC	---	.00	.20	3.69	.38	---	.13	.00	.00	.00	.00	.00	---
Z0703	Z07223900	32 59	116 35	4,650	Cuyamaca	33.02	1.05	3.83	10.48	2.31	5.66	5.64	1.63	.14	.21	.87	.00	1.20
W28E0	W28225700	34 51	116 47	1,922	Daggett FAA AP	3.27	.00	.39	2.03	.37	.14	.05	.00	.00	.00	.20	.00	.09
X09B0	X09226500	34 08	115 46	1,315	Dale Lake Crain	2.02	.00	.90	.81	.31	.00	.00	.00	.00	.00	.00	.00	.00
W09A1	W09231900	36 28	116 52	-194	Death Valley	---	.02	.00	---	.05	.00	.00	.00	.26	.00	.13	.00	.08
X1907	X19232700	33 38	116 22	1,000	Deep Canyon Laboratory	3.90	.00	.73	1.40	.35	.28	.05	.00	.00	.00	.45	.00	.64
W0500	W05233100	37 22	117 59	5,225	Deep Springs College	---	.16	1.33	3.16	.00	.00	.32	.00	---	---	1.65	.00	.64
Z02B1	Z02237770	33 27	117 19	465	De Luz	16.73	.47	2.18	8.03	1.54	2.88	1.42	.18	.00	.00	.00	.00	.03
Z09C4	Z09240600	32 51	116 37	3,500	Descanso Ranger Station - USFS	17.41	.65	2.67	5.97	2.01	2.22	1.58	.47	.00	.20	1.61	.00	.03
X17B0	X17240408	33 46	115 20	537	Desert Center	3.91	.00	1.08	2.17	.06	.13	.00	.00	.00	.00	.06	.00	.41
X1903	X19240500	33 57	116 30	1,080	Desert Hot Springs	---	.00	.14	3.75	.60	.12	.00	.00	.00	.00	.00	.00	---
X1903	X19240508	33 58	116 29	1,220	Desert Hot Sp Water Co	6.76	.00	.10	3.38	.61	.15	.00	.00	.00	.00	1.20	.00	1.32
X1907	X19240530	33 48	116 29	353	Desert Water Agency	3.76	.00	.38	2.27	.35	.33	.03	.00	.00	.00	.00	.00	.40
Y01E2	Y01241204	34 13	117 24	2,030	Devore CDF	23.99	.72	4.13	8.74	2.09	3.16	3.95	.47	.19	.16	.00	.00	.38
U05A5	U05249400	33 56	118 08	116	Downey Fire Dept.	12.44	.19	1.86	5.27	1.07	2.19	1.47	.00	.24	.00	.00	.00	.15
U03E1	U03251600	34 28	118 31	1,520	Dry Canyon Reservoir	---	.05	2.71	---	---	.57	.93	---	---	.00	.00	.00	.00
X17B0	X17259800	33 48	115 27	973	Eagle Mountain	4.38	.00	.96	1.92	.20	.19	.03	.02	.00	.00	.33	.00	.73
Y02A1	Y01267900	33 55	117 16	1,555	Edgemont	8.00	.07	.95	4.52	.82	.73	.65	.00	.01	.03	.00	.00	.22
Z07B1	Z07270600	32 49	116 58	405	El Cajon	8.73	.00	.99	5.32	.91	.81	.38	.22	.10	.00	.00	.00	.00
Z01B0	Z01271170	33 39	117 24	2,660	El Cariso Guard Station	---	.41	2.28	6.49	1.35	2.86	2.52	.33	.00	.16	---	---	---
X23A0	X23271300	32 46	115 34	-30	El Centro 2 SSW	4.15	.00	.36	1.33	.06	.20	.00	.00	.00	.00	.04	.30	1.86
W0100	W01275600	37 56	119 13	9,600	Ellery Lake	21.06	2.62	6.42	1.62	.78	2.54	3.58	.36	.02	.42	.94	.08	1.63
W28A0	W28277100	34 36	117 36	2,910	El Mirage Field	4.15	.00	.34	2.99	.16	.07	.03	.00	.01	.05	.23	.00	.27
U0501	U05277901	34 04	118 02	275	El Monte Fire Station	13.70	.14	2.13	6.74	.99	2.07	1.04	.00	.17	.04	.00	.00	.38
U03A1	U03278550	34 14	119 10	80	El Rio - VCFCD Yard	11.06	.36	2.54	4.59	.99	1.51	1.07	.00	.00	.00	.00	.00	.00
Y02C1	Y02280550	33 40	117 22	1,265	Elsinore State Park	11.93	.18	1.66	5.12	1.15	1.62	1.59	.00	.00	.00	.31	.00	.30
Y02C1	Y02280506	33 39	117 18	1,300	Elsinore - Wilhite	---	.00	.93	4.49	.53	.45	.98	.00	.00	---	.00	.00	.55
U05B1	U05283011	34 08	118 30	1,000	Encino Reservoir	---	.21	2.32	6.43	.61	.83	.83	.00	.08	.00	---	.00	.06
Z04F2	Z04286300	33 07	117 05	600	Escondido No 2 Fire Station	13.51	.31	2.06	6.35	1.02	1.57	1.26	.25	.00	.09	.08	.00	.52
U04C3	U04286701	34 02	118 46	1,050	Escondido Canyon PA.S- Malibu	---	.45	2.63	5.21	1.29	4.30	2.03	.00	---	.00	.00	.00	.11
Y0103	Y01289530	34 09	117 28	1,645	Etiwanda Game Assn.	15.81	.12	4.47	5.82	2.17	.00	2.11	.14	.21	.42	.00	.00	.35
W26E0	W26294100	34 42	118 25	3,060	Fairmont Reservoir - Law & P	13.54	.05	2.39	8.42	.49	.71	.67	.00	.12	.00	.12	.00	.57
Y01E8	Y01296480	34 04	116 54	5,990	Fallsvale S	19.40	.50	3.10	4.90	1.30	1.90	3.30	.90	.00	.50	3.00	.00	.00
Y01G1	Y01297460	34 16	116 57	6,820	Fawnskin	---	.00	1.36	5.63	1.22	.49	1.85	---	.06	.18	1.96	.00	.91
U03C1	U03305013	34 23	118 53	470	Fillmore Fish Hatchery	11.32	.28	3.05	4.20	1.41	1.08	1.16	.07	.04	.00	.03	.00	.00
U03C2	U03305050	34 29	118 53	2,750	Fillmore-Sespe Westates	16.98	.20	5.48	6.07	1.47	1.39	2.27	.06	.03	.01	.00	.00	.00
Y01B1	Y01311704	34 06	117 26	1,280	Fontana Union W.C.	---	.10	1.73	6.42	1.48	1.63	1.88	.44	.03	---	.00	.00	.30
Y01B1	Y01311705	34 05	117 25	1,275	Fontana Co. Yds.	13.53	.28	1.72	6.22	1.52	1.47	1.97	.00	.03	.00	.00	.00	.32
Y01B1	Y01311730	34 04	117 26	1,278	Fontana Herald News	.12	.12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
Y0103	Y01311800	34 10	117 26	1,972	Fontana 5 N	21.84	.23	3.55	8.79	1.86	2.94	3.00	.46	.08	.61	.00	.00	.32
Y01B1	Y0131200B	34 04	117 30	1,090	Fontana Kaiser	---	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.00
Y01B7	Y01312100	34 02	117 27	960	Fontana 3S Stp	10.75	.08	1.20	5.59	1.07	1.20	1.24	.01	.02	.00	.00	.00	.34
Y01C2	Y03336533	33 47	117 24	2,000	Gavilan Springs	6.85	.10	.72	4.64	.53	.44	.22	.00	.00	.00	.00	.00	.20
W0100	W01336900	37 45	119 08	8,970	Gem Lake	19.48	2.00	4.16	1.66	.58	1.90	4.94	.42	.40	.50	.54	.00	2.38
T14E1	T14340200	34 31	119 41	1,550	Gibralter Dam 2	---	.00	.00	---	7.05	---	.00	.00	.00	.00	.00	.00	.00
U05B1	U05343011	34 09	118 36	986	Girard Reservoir	10.81	.30	2.65	5.29	.68	1.00	.78	.00	.04	.00	.00	.00	.07
Y01B1	Y01343820	34 00	117 29	745	Glen Avon	10.03	.08	1.14	5.38	.83	1.06	1.36	.07	.00	.00	.00	.00	.11
U05B1	U05345001	34 09	118 15	615	Glendale-Jones	---	.07	1.77	5.30	.65	1.52	.96	---	.22	.00		.00	.18
U0501	U05345200	34 08	117 51	822	Glendora West FC 185	17.91	.18	3.62	8.00	1.24	2.34	1.70	.03	.34	.02	.00	.00	.44
U05D1	U05345202	34 09	117 50	1,165	Glendora-Englewld Ranch	---	.19	3.86	8.41	1.26	2.52	1.94	.04	.30	.02	---	.00	.54
Y01C1	Y01345811	33 45	117 29	1,100	Glen Ivy	12.97	.20	1.69	8.49	.63	.97	.82	.00	.03	.00	.00	.00	.14
X2600	X26348900	32 53	114 52	485	Gold Rock Ranch	5.26	.00	.30	2.19	.09	.26	.00	.00	.00	.00	1.60	.00	.82
W1600	W16349300	35 18	116 48	3,220	Goldstone Echo Storage	4.03	.00	.00	2.72	.12	.16	.20	.00	.10	.00	.00	.00	.73
W1600	W16349800	35 17	116 47	2,950	Goldstone Echo 2	---	.00	.83	2.72	.12	.16	.20	.00	.10	---	.00	.00	.73
Y02A1	Y03350610	33 46	117 17	1,780	Good Hope	7.56	.00	1.05	4.45	.70	.70	.34	.00	.00	.00	.20	.00	.12
W26H0	W26357620	34 22	117 43	7,350	Grassy Hollow	---	.14	1.99	6.18	.69	.48	.89	.00	.55	.00	---	---	---
Y01G3	W28360900	34 13	116 48	7,000	Green Canyon Springs	9.82	.19	.95	3.92	.97	.00	1.13	.04	.00	.05	2.49	.00	.08
Y01A3	Y01361155	33 52	117 40	450	Green River Golf	---	.09	1.54	6.53	1.37	1.58	.78	.00	.00	.00	---	---	---
W28B0	W28361204	34 14	117 04	6,900	Green Valley Lake	28.84	.26	3.38	16.20	1.92	1.70	3.98	.54	.14	.72	.00	.00	.00
W28B0	W28361230	34 13	117 04	6,900	Green Valley Fire Dept.	25.10	.00	2.50	15.00	1.60	1.30	3.10	.20	.00	.40	.30	.00	.70
U05B1	U05366303	34 07	118 17	850	Griffith Park Nursery	13.43	.11	1.82	5.32	.93	2.50	1.27	.01	.20	.00	.00	.00	1.27
U05A4	U05366305	34 07	118 18	1,100	Griffith Park - Tunnel	12.54	1.26	3.63	1.29	.02	1.40	.20	.20	.54	.78	.72	.45	2.05
Y01B1	Y01368260	34 05	117 30	995	Guasti Regional Park	.36	.00	.00	.00	.00	.00	.00	.00	.10	.01	.00	.00	.25
U0503	U05368620	34 20	117 38	8,125	Guffy Camp	---	.00	3.43	7.12	1.10	.86	2.07	.00	.80	.00	---	---	---
U05B4	U05370400	34 16	118 15	3,450	Haines Canyon Upper	---	---	---	---	.68	1.56	---	.00	.00	.00	.00	.00	.00
W03C0	W03371000	36 08	117 57	3,825	Haiwee-South Dam	---	---	2.63	1.96	.24	.11	.58	.00	.00	.04	.40	.00	.15
U05B1	U05375100	34 16	118 23	1,110	Hansen Dam-Border & Glenis	---	.13	1.93	5.75	.61	1.32	1.15	---	.10	.00	.00	.00	.07
Y01B6	Y01379250	33 52	117 26	1,275	Harrison Dam	6.43	.08	.73	3.97	.68	.57	.33	.00	.00	.00	.00	.00	.07
X1800	X18385500	33 42	115 38	1,370	Hayfield Pump Plant	4.94	.00	.74	1.72	.17	.11	.03	.00	.00	.00	1.52	.00	.65
X1907	X19385950	33 42	116 28	2,800	Haystack Mtn	---	.00	.71	2.10	.54	.43	.00	.00	.00	.00	---	---	---
W28B0	W28388452	34 13	117 08	6,421	Heaps Peak	12.30	.00	3.00	6.90	.00	.00	.00	.00	.00	.80	.60	.00	1.00
Y02A5	Y02389600	33 44	116 56	1,655	Hemet - LHMWD Office	9.12	.23	.62	4.12	.89	1.40	.54	.00	.00	.00	.42	.00	.90
Y02B2	Y02389900	33 40	116 40	4,355	Hemet Reservoir Rrng	16.71	.33	1.63	6.51	1.81	1.83	2.04	.25	.02	.08	1.40	.00	.81
U05C1	U05391000	34 11	118 05	2,550	Henninger Flats-La Co Nur	---	---	3.42	8.91	1.04	1.77	2.54	.08	.38	.09	.00	.00	.22
Z03C1	Z03391400	33 14	116 45	2,700	Henshaw Dam 2	---	---	2.62	10.23	2.38	2.86	2.62	.53	.05	.14	2.42	.00	.78
W28B0	W28393501	34 25	117 18	3,175	Hesperia C O F	4.61	.00	.05	4.46	.05	.00	.03	.00	.00	.00	.02	.00	.00
Y01B7	Y01395111	34 01	117 19	945	Highgrove Steam Plant Sce	7.42	.13	.45	4.49	.98	.00	1.01	.00	.00	.00	.00	.00	.36
Y01E2	Y01395320	34 07	117 12	1,205	Highland Dundee	11.56	.23	1.41	4.81	1.00	1.48	1.55	.34	.05	.06	.02	.00	.61
U05A6	U05395353	34 07	118 10	620	Highland Park-Lindsay	---	.05	2.22	6.41	.72	1.75	1.19	---	.20	.00	.00	.00	.16
U05C3	U05401700	34 12	118 02	2,650	Hoegees FC 60A	---	.30	---	---	1.40	3.20	4.10	.10	.40	---	---	---	---
U05D3	U05402115	34 21	117 40	8,150	Holiday Hill	14.78	.20	2.80	6.80	.80	.70	1.50	.00	.68	.00	.90	.00	.40
U05B1	U05403211	34 07	118 19	750	Hollywood Dam	11.61	.04	1.75	5.08	.78	2.48	1.19	.05	.19	.00	.00	.00	.05
U05A5	U05418011	33 59	118 13	175	Huntington Park Fire Station	12.00	.00	1.51	6.17	1.75	1.31	1.22	.00	.04	.00	.00	.00	.00
Y02B2	Y02418100	33 40	116 40	4,390	Hurkey Creek Park	---	.40	1.90	6.20	1.80	1.90	2.20	.20	.00	.00	---	---	---
Y02B1	Y02421100	33 42	116 43	5,397	Idyllwild Fire Dept. RS	24.76	1.04	2.33	7.40	1.77	3.22	4.30	1.17	.00	.00	1.69	.00	1.84
X23A0	X23422300	32 51	115 34	-64	Imperial	3.35	.00	.20	1.43	.03	.12	.00	.00	.00	.00	.02	.15	1.40
W03C0	W03423200	36 48	118 11	3,950	Independence-Law & P Office	5.66	.34	1.59	1.30	.27	.00	.42	.00	.00	.99	.59	.00	.16
F05J2	F10425501	41 43	121 30	4,760	Indian Well	2.64	.00	.45	1.02	.32	.10	.00	.00	.00	.00	.00	.00	.75
Y02B1	X19425811	33 42	116 13	8	Indio	---	---	---	---	---	---	---	---	---	---	---	.00	.30
X19D5	X19425905	33 50	116 13	1,160	Indio Hills Morley	---	.00	.19	1.88	.27	.14	.00	.00	.00	.00	---	---	---
W24B0	X12427800	35 39	117 49	2,440	Inyokern	---	.00	1.30	1.79	.18	---	.00	.00	.00	.05	.00	.00	.01
X1200	X12429700	34 08	115 08	922	Iron Mountain	4.74	.00	.65	2.43	.44	.25	.11	.08	.00	.00	.11	.00	.67
W1200	W12431250	35 23	115 15	2,927	Ivanpah County Yard	---	---	.00	3.10	.50	.12	---	.25	---	.00	.40	.00	.00
X0200	X02439180	34 25	116 36	2,794	Johnson Valley	2.81	.00	.25	1.20	.27	.00	.00	.00	.00	.02	.49	.00	.58

TABLE A (continued)
MONTHLY PRECIPITATION

AREAL CODE	STATION NUMBER	LAT	LONG	ELEV	STATION NAME	PRECIPITATION IN INCHES TOTAL	1984 OCT	NOV	DEC	1985 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
Z0702	Z07441800	33 05	116 38	3,655	Julian (Wynola)- Vilirek	21.92	.46	3.02	7.39	2.30	2.07	2.79	1.14	.08	.33	.52	.00	1.82
T14E1	T14442200	34 29	119 31	2,060	Juncal Dam	15.89	.25	3.85	8.03	.84	1.12	1.71	.09	.00	.00	.00	.00	.00
Y02A5	Y02443100	33 45	117 04	2,110	Juniper Flats	8.05	.09	.61	4.55	.88	.67	.37	.03	.00	.00	.02	.00	.83
W28J0	W28449410	35 00	115 38	2,148	Kelso	---	.00	.44	1.54	.90	.03	.00	.02	.00	---	.50	.00	1.10
W2802	W28460620	34 59	117 32	2,477	Kramer Junction BC	---	.00	.45	3.31	.22	.10	.03	.00	.00	---	.20	.00	.34
T1100	T11461270	35 23	120 05	2,040	Kuhnle	7.92	.13	2.25	3.00	.65	.28	1.27	.17	.00	.00	.00	.00	.17
W03C0	W03511109	36 58	118 18	3,841	L.A. Aqueduct Intake	6.38	.34	1.67	1.19	.28	.05	.63	.00	.00	1.00	.69	.00	.53
U05C2	U05462111	34 11	118 11	1,155	La Canada Arroyo Seco	---	.09	2.39	6.38	.84	2.26	.00	---	.34	.00	.00	.00	.06
Z02C2	Z02462950	33 33	117 18	2,200	La Cresta	---	.24	1.14	6.38	.56	1.48	.91	.04	.00	.04	---	---	---
Z01A2	Z01464700	33 32	117 46	35	Laguna Beach Sewage Disp.	10.24	.49	2.42	4.14	1.13	1.25	.62	.00	.06	.00	.00	.00	.13
W28B0	W28467100	34 14	117 11	5,250	Lake Arrowhead	30.76	.76	5.25	15.28	2.28	.00	5.38	.07	.06	.25	.26	.00	1.17
W28B0	W28467120	34 15	117 10	5,205	Lake Arrowhead FS4	27.82	.65	4.07	15.67	1.47	.00	4.85	.00	.12	.04	.06	.00	.89
W28B0	W28467140	34 15	117 10	5,200	Lake Arrowhead FS2	26.37	.57	3.63	15.20	1.33	.00	3.85	.00	.12	.07	.45	.00	1.15
W28B0	W28468440	34 14	117 16	4,335	Lake Gregory	35.35	.82	5.30	17.28	3.40	.00	6.32	.15	.29	.34	.21	.00	1.24
W28B0	W28468450	34 14	117 16	4,535	Lake Gregory Dam	29.50	.39	5.07	13.99	1.64	1.56	4.41	.29	.24	.41	.07	.00	1.43
Y02C1	Y02468651	33 38	117 20	1,319	Lakeland Village	11.26	.19	1.22	5.94	.60	1.60	1.38	.00	.00	.00	.00	.00	.33
Y01C3	Y01468953	33 50	117 25	3,160	Lake Mathews 3	7.50	.07	.92	4.40	.74	.79	.44	.00	.00	.00	.00	.00	.14
W03B0	W03470500	37 12	118 36	9,070	Lake Sabrina	17.50	.80	7.28	1.78	.68	.84	1.70	.08	.12	.98	1.94	.00	1.30
U04B6	U04470615	34 08	118 52	990	Lake Sherwood-VCFD F-RRNG	13.20	.26	3.32	5.61	1.23	1.44	1.23	.00	.04	.00	.00	.00	.07
Z07A2	Z07471000	32 51	116 53	692	Lakeside 2 E	13.08	.29	2.02	6.61	.79	1.26	1.18	.38	.00	.00	.00	.00	.55
W28B0	W28471120	34 17	117 21	3,480	Lake Silverwood Rec. Area	28.66	.34	5.35	16.36	1.08	.83	3.72	.08	.20	.45	.00	.00	.25
Z08B2	Z08473500	32 46	117 01	528	La Mesa	---	.38	2.22	6.11	.62	1.03	.43	.00	---	.00	.00	.00	.19
W26E0	U05474900	34 44	118 13		Lancaster FSS FAA	6.77	.00	.76	5.35	.28	.00	.12	.00	.03	.00	.00	.00	.23
X1907	X19478211	33 40	116 17	85	La Quinta	2.69	.00	.42	1.54	.37	.21	.00	.00	.00	.00	.00	.00	.15
Y01B6	Y01481411	33 55	117 29	712	La Sierra Fire Station	8.24	.07	.78	4.91	.94	.92	.50	.00	.00	.02	.00	.00	.10
U03F7	U03480470	34 18	118 41	1,150	Las Llajas Canyon	11.99	.21	2.32	4.72	1.32	1.63	1.66	.00	.00	.00	.07	.00	.06
Y02B1	Y02483960	33 47	116 44	5,290	Lawler Co Park	26.00	1.27	2.06	9.19	2.80	4.30	3.14	.15	.00	.21	1.04	.00	1.84
U04C7	U04486700	34 04	118 52	1,600	Lechuza Patrol Station	15.83	.46	3.85	5.14	1.64	3.03	1.69	.00	.00	.00	.00	.00	.02
Z09A2	Z09489105	32 44	117 01		Lemon Grove Fire Dept.	10.08	.43	2.08	5.76	.61	.00	.85	.33	.02	.00	.00	.00	.00
Y02A5	Y02497920	33 44	116 55	1,695	Little Lake SDF	9.51	.12	.57	4.26	.87	1.35	.72	.00	.00	.00	.18	.00	1.44
T12C0	U03502410	34 44	119 06	5,150	Lockwood Valley	8.91	.06	1.83	4.11	1.08	.40	.59	.32	.04	.00	.11	.00	.37
Y0105	Y01505700	34 02	117 15	1,185	Loma Linda	---	.16	1.05	4.36	1.35	1.44	1.49	.02	---	---	.00	.00	.43
T14A0	T14506401	34 35	120 27	500	Lompoc	10.21	.25	2.50	4.63	.69	.85	1.28	.00	.00	.00	.00	.00	.01
Y01E1	Y01506620	34 18	117 32	4,400	Lone Pine Canyon Nielsen	---	.09	1.21	8.10	.88	.43	.75	---	.75	.05	.17	.00	---
U05A2	U05508205	33 46	118 11	180	LB-Alamitos Land Co.	10.67	.52	1.79	4.54	1.01	1.55	.94	.00	.22	.00	.00	.00	.10
U05A5	U05508500	33 49	118 09	36	Long Beach WB AP	10.30	.35	1.20	5.20	.91	1.58	.61	.00	.21	.00	.00	.00	.24
U04C7	U05509811	34 20	118 02	4,300	Loomis Ranch Alder Creek	14.30	.21	2.01	7.39	.74	.74	1.58	.10	.40	.30	.72	.00	.11
T1300	T13510700	34 45	120 17	565	Los Alamos	---	.70	---	3.69	.88	1.17	1.79	.02	.00	.00	.00	.02	.00
U05A5	U05511101	34 05	118 17	335	Los Angeles-City College	12.40	.13	1.88	5.41	.79	2.62	1.26	.00	.24	.00	.01	.00	.06
U05A5	U05511102	34 02	118 18	203	Los Angeles-Clark Mem. Lib.	11.47	.15	1.64	4.15	.81	2.42	1.91	.00	.24	.00	.00	.00	.15
U05A5	U05511117	34 03	118 21	175	Los Angeles-Hancock Park	---	.20	1.50	4.70	.80	3.20	2.40	---	.20	---	.00	.00	.20
U05A2	U05511400	33 56	118 23	105	Los Angeles-WSO Airport	9.50	.28	1.24	4.21	.70	1.91	.72	.00	.16	.00	.00	.00	.28
U05A5	U05511500	34 03	118 14	270	Los Angeles Civic Center	12.38	.15	1.44	5.53	.71	2.84	1.29	.00	.23	.00	.00	.00	.19
T14E1	T14514700	34 32	119 47	1,030	Los Prietos Ranger Station	---	.36	2.98	6.95	.81	.35	1.83	.26	---	.00	.00	.00	---
Z10B0	Z10516200	32 36	116 55	500	Lower Otay Reservoir	10.85	.35	1.65	5.87	.46	1.31	.70	.19	.09	.09	.00	.00	.14
X0100	X01518215	34 27	116 55	2,900	Lucerne Valley 2 ENE	---	.00	.00	.00	.22	.00	.00	.00	.00	---	.12	.00	.00
X0100	X01518223	34 27	116 57	2,957	Lucerne Valley	.42	.00	.21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.21
Y01E2	Y01521200	34 06	117 19	1,184	Lytle Creek Foothill Blvd.	8.61	.00	.69	3.32	.82	1.63	2.15	.00	.00	.00	.00	.00	.00
Y01E1	Y01521501	34 12	117 26	2,360	Lytle Creek Intake FUWC	---	.00	4.90	10.45	1.80	3.25	4.10	.03	.15	---	.00	.00	.55
Y01E2	Y01521800	34 13	117 28	2,760	Lytle Creek Ranger Station	32.30	.30	4.89	18.35	1.37	3.10	3.39	.12	.24	.08	.15	.00	.31
Y01D1	Y01521825	34 15	117 29	3,400	Lytle Creek FS	---	.25	3.15	14.69	1.03	1.23	1.54	.01	.08	.03	---	.00	.10
U02B0	U02540801	34 29	119 18	1,040	Matilija Dam	18.82	.42	5.32	7.78	1.51	2.07	1.52	.02	.00	.00	.00	.00	.18
X1907	X19550200	33 34	116 04	190	Mecca Fire Station	2.55	.00	.00	1.51	.37	.05	.00	.00	.00	.00	.01	.00	.61
U02B0	U02550950	34 26	119 17	760	Meiners Oaks-VCFD Fire Station	14.06	.34	3.81	5.78	1.24	1.52	1.37	.00	.00	.00	.00	.00	.00
Y01E4	Y01553131	34 04	117 07	1,765	Mentone CDF SB 120	7.91	.18	.71	4.09	.93	.72	.41	.25	.00	.22	.00	.00	.40
Y01F5	Y01563520	34 04	117 02	2,780	Mill Creek Ranger Station	16.92	.28	2.02	5.76	1.25	1.31	2.04	.60	.05	.23	2.17	.00	1.21
Y01B1	Y01570601	34 01	117 31	827	Mira Loma Space Center	15.17	.01	3.51	.31	1.77	3.16	4.90	1.51	.00	.00	.00	.00	.00
Z0600	Z06570701	32 54	117 06	660	Miramar	10.38	.25	1.89	5.00	.55	1.27	.75	.22	.03	.00	.02	.00	.40
W28D2	X10572100	34 56	117 32	4,306	Mitchell Caverns	10.33	.00	1.19	4.68	1.68	.42	.08	.35	.00	.00	.00	.00	1.93
Y01B6	Y02573650	33 53	117 24	1,117	Mockingbird Reservoir	7.03	.07	.88	4.15	.71	.71	.33	.00	.00	.00	.00	.00	.18
W26A0	W26575600	35 03	118 10	2,735	Mojave	4.65	.00	.70	3.35	.11	.21	.00	.00	.00	.00	.00	.00	.28
W0100	W01577900	38 00	119 09	6,450	Mono Lake	13.35	.46	3.75	1.04	.81	.86	2.10	.08	.05	.25	1.07	.00	2.88
U05A5	U05578611	33 50	118 07	47	Montana Ranch	11.81	.32	2.03	5.27	.98	1.60	1.05	.00	.21	.00	.00	.00	.35
Y01B1	Y01578708	34 03	117 41	965	Montclair Fire Dept.	12.82	.11	1.67	6.16	1.28	1.72	1.47	.07	.05	.00	.00	.00	.29
U05A5	U05580051	34 02	118 07	305	Monterey Park FS	---	---	2.86	6.31	.99	2.63	1.13	.00	.26	.00	.00	.00	.34
Y02B1	Y02584060	33 56	117 08	1,840	Moreno Valley	9.58	.16	.84	4.97	1.05	1.19	.77	.20	.00	.00	.00	.00	.40
T10B2	T10586600	35 22	120 51	115	Morro Bay Fire Dept.	9.85	.64	2.43	2.05	.58	1.60	2.10	.34	.00	.00	.00	.02	.09
W1200	W12589000	35 28	115 32	4,670	Mountain Pass	8.19	.00	1.44	2.08	1.25	.90	.27	.29	.00	.00	1.27	.00	.69
Y01B3	Y01590120	34 14	117 39	4,435	Mt Baldy Wirtz	18.51	.36	5.11	13.04	.00	.00	.00	.00	.00	.00	.00	.00	.00
U0501	U05597608	34 02	117 50	755	Mt San Antonio College	13.12	.10	2.14	5.90	1.27	2.03	.99	.00	.14	.25	.00	.00	.30
X19D7	X19597800	33 48	116 38	8,417	Mt San Jacinto Wild State Pk	17.50	.00	2.53	6.30	2.10	.80	1.66	.00	.02	.00	3.29	.00	.80
U05C3	U05600600	34 13	118 03	5,709	Mount Wilson-Airways	---	.51	5.32	15.84	1.91	3.78	6.17	.15	.48	---	.00	.00	.31
Z02C2	Z02604200	33 33	117 13	1,131	Murrieta SCS Office	9.54	.15	1.67	5.38	.55	1.15	.38	.00	.00	.00	.00	.00	.26
Z07A1	Z07603931	32 46	117 02	520	Murray Dam	12.50	.41	2.19	6.65	.67	1.13	.77	.30	.03	.01	.00	.00	.34
T09H2	T09605600	35 45	120 52	770	Nacimiento Dam	8.82	.38	2.45	2.93	.45	.43	2.18	.00	.00	.00	.00	.00	.00
X13C0	X13611800	34 46	114 37	913	Needles FAA AP	5.61	.00	.64	2.60	1.23	.16	.33	.09	.00	.00	.12	.00	.44
X13C0	X13611910	34 41	114 36	1,400	Needles Pumping Plant	---	---	5.15	2.22	1.26	.75	.00	.12	.02	---	.09	---	.63
T12C0	T12615400	34 57	119 41	2,160	New Cuyama Fire Station	---	---	1.51	2.46	.83	.46	.83	.03	.00	.00	.00	.00	.60
U03E1	U03616200	34 23	118 31	1,243	Newhall Soledad 32C	14.87	.05	4.30	8.21	.87	.43	.81	.01	.03	.00	.10	.00	.06
Y01A1	Y01617500	33 36	117 53	8	Newport Beach Harbor	8.18	.13	1.59	4.47	.22	1.07	.33	.04	.06	.00	.00	.00	.27
X23A0	X23619700	33 17	115 31	-55	Niland	3.68	.00	.42	1.89	.07	.14	.00	.00	.00	.00	.45	.00	.71
Y01B5	Y01621511	33 55	117 34	620	Norco Fire Dept.	9.34	.07	.99	5.00	.87	1.30	1.02	.00	.04	.00	.00	.00	.05
U05B1	U05625600	34 09	118 21	619	North Mollywood	12.11	.12	2.13	6.48	.63	1.52	.79	.20	.14	.00	.00	.00	.10
X1902	X19626262	33 55	116 32	875	North Palm Springs SDF	4.84	.00	.24	3.38	.67	.18	.16	.00	.00	.00	.00	.00	.21
U05B1	U05627011	34 13	118 32	810	Northridge-Lawp W Valley Yd	9.92	.25	1.89	4.76	.66	1.02	1.10	.06	.02	.00	.09	.00	.07
X19D7	X19627520	33 31	115 56	-180	North Shore	3.73	.00	.53	1.77	.23	.14	.00	.00	.00	.00	.09	.00	.97
Y02A4	Y02629920	33 49	117 07	1,460	Nuview - CDF Fire Station	8.42	.10	.68	4.91	1.38	.50	.27	.09	.00	.00	.05	.00	.44
X19C2	Y01631007	34 01	116 54	5,450	Oak Glen Cons Camp	---	.36	1.52	9.53	2.45	3.94	2.47	.64	---	.66	.10	---	.90
Y01F8	Y01631012	34 03	116 57	4,040	Oak Glen Koger	19.52	.26	2.17	8.58	1.87	1.55	1.22	.90	.45	.65	.44	.00	1.43
Z02D3	Z02631900	33 23	116 47	2,750	Oak Grove-USFS Ranger Station	11.09	.02	.59	6.43	1.10	.85	.93	.13	.00	.00	1.04	.00	.00
U02B0	U02635311	34 23	119 18	520	Oak View Fire Station	15.50	.34	3.92	6.90	1.37	1.47	1.44	.01	.00	.00	.01	.00	.04
X23B0	X22639000	32 45	116 00	410	Ocotillo 2	3.06	.00	.40	1.86	.06	.27	.09	.00	.00	.00	.00	.10	.28
U05B2	U03643275	34 19	118 26	1,425	Olive View	15.80	.30	2.90	6.20	.90	2.40	2.70	.20	.20	.00	.00	.00	.00
Y01B1	Y01645702	34 03	117 38	986	Ontario FS	11.12	.10	1.39	5.89	1.04	1.57	.89	.00	.06	.00	.00	.00	.18
Y01B1	Y01645710	34 02	117 37	860	Ontario FS 3	10.34	.10	2.01	4.59	1.12	1.30	1.16	.00	.06	.00	.00	.00	.00
Y01B1	Y01645725	34 05	117 40	1,153	Ontario Sheriff Dept.	13.45	.10	1.51	7.54	.52	2.17	1.56	.00	.00	.05	.00	.00	.00
U03A1	U03656900	34 12	119 10	49	Oxnard-City Water Dept.	11.78	.34	3.15	4.22	1.43	1.73	.90	.00	.00	.00	.00	.00	.01
U05B1	U05660171	34 15	118 24	955	Pacoima Warehouse	7.93	.00	1.57	1.52	.62	1.91	1.52	.00	.00	.00	.04	.00	.75
U05B2	U05660200	34 19	118 23	1,500	Pacoima Dam FC 33A E	13.00	.16	2.31	6.27	.74	1.08	1.96	.11	.23	.00	.00	.00	.14
W26E0	W26662400	34 35	118 05	2,595	Palmdale-Palm Irr. Dist.	6.00	.00	.47	5.27	.22	.00	.00	.00	.00	.00	.00	.00	.04

TABLE A (continued)
MONTHLY PRECIPITATION

AREAL CODE	STATION NUMBER	LAT	LONG	ELEV	STATION NAME	PRECIPITATION IN INCHES TOTAL	1984 OCT	NOV	DEC	1985 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
X1907	X19663301	33 43	116 23	275	Palm Desert	---	.00	---	1.37	.47	.26	.00	.00	.00	.00	.00	.00	.00
X1907	X19663500	33 49	116 30	425	Palm Springs	---	.00	.54	---	.21	.19	.00	.00	.00	.00	.10	.00	.46
Z02H3	Z02665700	33 21	116 51	5,545	Palomar Mtn Observatory	24.10	.60	5.58	7.62	3.00	2.25	2.10	.50	.00	.00	1.85	.00	.60
U05A2	U05666300	33 48	118 23	216	Palos Verdes Estates	9.09	.36	1.46	3.72	1.27	1.46	.44	.00	.17	.00	.00	.00	.21
Y01E2	Y01668001	34 13	117 18	3,775	Panorama Point Cdh Maint.	31.85	.59	5.30	12.43	2.94	3.68	3.88	.87	.38	.36	.04	.00	1.38
X13C0	X13669780	34 43	114 30	540	Park Moabl	---	.00	.40	3.35	1.24	.39	.40	.06	.00	---	.78	.00	1.02
X15A0	X14669900	34 17	114 08	738	Parker Reservoir	8.11	.00	.54	4.20	1.10	.71	.28	.23	.00	.00	.00	.10	.95
U05C1	U05671900	34 08	118 08	864	Pasadena City Hall-P.W.O	---	.09	3.14	7.74	.96	1.89	1.43	---	.32	.00	.00	.00	.15
U05C1	U05671901	34 10	118 05	1,375	Pasadena	15.71	.09	3.14	7.74	.96	1.89	1.43	.00	.31	.00	.00	.00	.15
U05C1	U05671902	34 08	118 07	795	Pasadena Cal Tech.	---	.09	2.53	7.53	.91	1.78	1.25	.00	.25	.00	---	.00	.15
T09H1	T09673000	35 37	120 41	700	Paso Robles	9.29	.38	2.10	3.01	.52	.92	2.11	.19	.00	.00	.02	.00	.04
T09H1	T09674200	35 40	120 38	803	Paso Robles FAA	8.64	.38	2.21	2.96	.41	.59	2.00	.07	.00	.00	.00	.00	.02
Y01E2	Y01675411	34 08	117 12	1,375	Patton	---	.28	1.57	5.10	2.01	1.53	1.76	.44	---	.31	.03	.00	.53
Y02A1	Y02681811	33 47	117 13	1,452	Perris CDF Hdq	7.78	.10	.84	4.90	.89	.51	.41	.00	.00	.00	.00	.00	.13
Y02A1	Y02681615	35 50	117 12	1,448	Perris Reservoir	7.83	.12	.72	4.72	.74	.63	.52	.03	.00	.00	.00	.00	.35
Y02A1	Y02681830	33 51	117 12	1,413	Perris Valley Drain	---	---	---	---	---	---	.40	.00	.00	.00	.00	.00	.20
W28B0	W28684801	34 25	117 34	4,160	Phelan CDF	5.42	.00	.33	3.90	.30	.08	.08	.00	.00	.05	.60	.00	.08
Y01D5	Y01685801	33 59	117 16	1,910	Pigeon Pass	10.25	.10	1.08	5.21	1.03	1.19	1.20	.00	.00	.01	.00	.00	.43
W28B0	W28686801	34 16	117 16	3,688	Pilot Rock Evap + Precip	33.65	.31	4.70	17.26	1.22	4.02	4.53	.03	.24	.11	.65	.00	.58
X19G7	Y02693350	33 35	116 26	4,000	Pinyon Flat	11.96	.02	2.40	3.56	.65	1.52	1.40	.03	.00	.00	1.74	.14	.50
U03D1	U03694000	34 24	118 45	730	Piru 2 ESE-Camulos Ranch Mdq.	10.46	.22	2.94	4.69	1.25	.59	.73	.00	.01	.00	.03	.00	.00
T10B6	T10694300	35 08	120 38	80	Pismo Beach	9.64	.92	3.51	2.65	.29	.39	1.72	.10	.00	.00	.02	.00	.04
U05A1	U05703611	33 44	118 24	125	Point Vicente L M	8.40	.30	1.60	3.60	1.30	.90	.40	.10	.10	.00	.00	.00	.10
U05E1	U05705000	34 03	117 46	855	Pomona	12.43	.15	2.12	6.18	1.32	1.73	.27	.00	.12	.29	.00	.00	.25
Y01B1	Y01705001	34 03	117 45	876	Pomona Fire Station	11.99	.11	1.31	6.00	1.27	1.92	1.22	.09	.07	.00	.00	.00	.00
Y02B1	Y02705880	33 50	116 51	3,520	Poppet Flats Terribilini	20.33	.92	2.41	6.76	2.47	.96	2.89	1.54	.04	.15	.39	.00	1.80
U03E1	U03710241	34 23	118 38	1,150	Potrero Canyon	11.24	.27	.89	5.80	1.16	.89	.73	.60	.00	.04	.21	.00	.65
Z06B0	Z06711100	32 57	117 04	440	Poway Valley	12.41	.24	1.95	5.93	.95	1.11	1.06	.43	.00	.00	.00	.00	.74
U05D3	U05712311	34 20	117 41	5,680	Prairie Forks	---	.28	3.95	12.27	1.36	.95	1.77	.00	1.09	.00	---	---	---
U05E2	U05716001	34 05	117 48	1,030	Puddingstone Dam	14.42	.13	2.91	6.49	1.15	2.06	1.03	.02	.19	.06	.00	.00	.38
U05F2	U05716103	33 57	117 55	725	Puente Hills-Weisel	---	.09	2.05	7.05	1.44	2.30	1.55	---	.17	.00	.00	.00	.89
Y02A1	Y02717870	33 42	117 14	1,550	Quail Valley	7.79	.07	.43	4.91	.74	.91	.57	.00	.00	.00	.00	.00	.16
U02B0	U02724771	34 25	119 18	600	Rancho Matilija-East	15.24	.36	4.00	6.43	1.33	1.49	1.63	.00	.00	.00	.00	.00	.00
X19D6	X19724778	33 46	116 26	250	Rancho Mirage RC	2.83	.00	.35	1.42	.42	.32	.00	.00	.00	.00	.00	.00	.32
X1907	X19724780	33 45	116 25	249	Rancho Mirage SPF	3.17	.00	.30	1.52	.54	.43	.02	.00	.00	.00	.00	.00	.36
W2500	W25725300	35 22	117 39	3,522	Randsburg	5.37	.00	1.09	3.63	.23	.00	.00	.00	.05	.05	.00	.00	.32
X19C2	X19727900	34 02	116 49	6,620	Raywood Flats	---	.50	3.60	13.89	3.30	1.90	3.00	.20	.00	.40	---	---	---
Y01E2	Y01728460	34 02	117 16	1,125	Reche Canyon Henderson	14.10	.27	1.31	5.61	1.26	1.30	2.19	.31	1.37	.00	.00	.00	.48
Y01E3	Y01730600	34 03	117 11	1,335	Redlands-Daily Facts	10.42	.14	1.33	5.13	1.14	1.05	1.04	.09	.00	.00	.04	.00	.46
Y01E6	Y01730650	34 02	117 10	1,465	Redlands Bottenburg	10.92	.17	.78	5.99	1.16	1.06	1.16	.06	.03	.01	.02	.00	.48
Y01F1	Y01731100	34 01	117 08	2,080	Redlands Country Club	---	.17	1.17	5.55	1.11	.96	1.10	.07	---	.06	.05	.00	.50
W2700	W25731400	35 21	117 37	3,700	Red Mountain	15.20	.40	1.96	5.44	1.43	1.36	2.28	.24	.00	.08	1.22	.00	.79
U05A2	U05732400	33 50	118 23	70	Redondo Beach-City Hall (New)	9.61	.50	1.29	3.88	.71	1.99	.94	.00	.00	.00	.00	.00	.30
W0100	W01738200	37 56	119 14	9,500	Rhine Dollar Reservoir	---	2.62	6.42	1.62	.78	2.54	3.58	---	---	---	---	---	---
Y0104	Y01738408	34 05	117 22	1,220	Rialto	---	.00	1.38	5.83	1.47	1.56	1.66	---	---	---	---	.00	.72
Y01B7	Y01747000	33 57	117 23	840	Riverside Fire Station 3	7.75	.09	.85	4.12	.84	.76	.80	.00	.00	.00	.00	.00	.29
Y01B7	Y01747300	33 58	117 20	986	Riverside Citrus Exp	7.56	.10	.68	4.09	.93	.78	.62	.00	.03	.05	.00	.00	.28
W03B0	W03751000	37 27	118 44	9,670	Rock Creek	14.33	1.00	4.30	1.40	.85	.42	2.19	.36	.10	.55	1.25	.15	1.76
U05B1	U05755311	34 14	118 21	1,050	Roscoe Merrill	---	.12	1.53	5.98	.77	1.04	1.02	.25	.25	.00	.00	.00	---
Y02A2	Y02758690	33 40	117 16	1,440	RR Canyon Dam	---	.10	.74	3.99	.55	1.01	.54	.00	.00	.00	---	---	---
Y01B7	Y01758802	33 59	117 24	776	Rubidoux Fire Dept	9.07	.10	.79	5.12	.91	.82	1.00	.00	.00	.00	.00	.00	.33
Y01B7	Y01758801	33 58	117 23	838	Rubidoux Lab USDA	8.03	.08	.87	4.68	.80	.78	.66	.00	.00	.00	.00	.00	.16
W28B0	W28759911	34 12	117 06	6,080	Running Springs FD	31.60	.70	6.90	9.50	3.20	3.40	4.50	.50	.20	.70	.40	.00	1.60
W28B0	W28760000	34 12	117 06	5,965	Running Springs IE CDH	28.50	.50	3.00	14.00	2.10	2.60	2.50	.60	.10	.60	.70	.00	1.80
Y02A5	Y02761311	33 43	117 01	1,509	Ryan Field	8.44	.16	.64	4.64	.78	.99	.66	.00	.00	.00	.16	.00	.41
T09H1	T09767200	35 20	120 30	1,350	Salinas Dam	14.62	1.14	3.56	3.70	.70	2.13	3.23	.11	.00	.01	.03	.00	.01
T14B0	T14768100	34 35	120 24	250	Salsipuedes Gaging Station	11.71	.31	2.63	5.33	.70	1.23	1.51	.00	.00	.00	.00	.00	.00
Y01B3	U05771200	34 10	117 40	2,100	San Antonio Dam	9.10	.41	2.71	2.97	.42	.54	1.96	.05	.00	.00	.00	.04	.00
Y01B4	Y01771206	34 09	117 39	1,901	San Antonio Mts.	16.76	.22	2.81	8.02	1.35	1.93	1.71	.13	.14	.15	.00	.00	.30
Y01E2	Y01772403	34 06	117 16	1,047	San Bernardino - FC OF-Rrng	11.47	.21	1.14	5.13	1.61	1.33	1.65	.04	.00	.00	.00	.00	.36
Y01E2	Y01772436	34 06	117 17	1,030	San Bernardino Hanford	10.11	.21	1.25	5.54	1.48	.00	1.43	.16	.00	.01	.00	.00	.03
Y01E2	Y01772300	34 07	117 16	1,125	San Bernardino Med. Center	12.86	.24	1.36	5.45	1.67	1.64	1.82	.19	.03	.04	.00	.00	.42
W2600	U03773400	34 44	118 42	4,025	Sandberg Patrol Station	9.09	.09	1.48	4.42	.86	.22	1.04	.11	.09	.03	.06	.00	.69
W2600	U03773500	34 45	118 44	4,517	Sandberg WB	---	.00	1.28	2.21	---	.07	.12	.11	.03	.00	.04	.00	.49
Z04F1	Z04774400	33 00	117 14		San Dieguito Co Park	8.56	.00	.23	4.63	.50	1.22	.90	.74	.00	.00	.00	.03	.31
U0504	U05774801	34 09	117 46	1,350	San Dimas Dam	18.62	.21	3.69	7.64	1.55	2.25	2.12	.10	.23	.07	.00	.00	.76
U05D1	U05774900	34 06	117 48	955	San Dimas FC 95	14.88	.14	3.16	6.69	1.17	1.96	1.37	.01	.17	.00	.00	.00	.21
U05B1	U05776200	34 18	118 29	1,248	San Fernando PH No 3	13.05	.34	2.46	5.27	.85	1.91	1.95	.06	.08	.00	.00	.00	.13
U03E1	U03777300	34 32	118 31	1,580	San Francisquito 2	---	.04	2.74	5.89	1.03	.95	1.08	.00	.00	.00	.00	.00	---
U03E1	U03777323	34 35	118 27	2,105	San Francisquito Canyon PH 1	---	.07	2.69	5.78	1.02	.94	1.22	.10	.09	.00	---	.00	.71
U05D1	U05777530	34 06	118 06	472	San Gabrial Bruington	---	.07	2.14	6.67	.78	1.86	1.29	.00	---	.00	.11	.20	.24
U0501	U05777600	34 09	117 54	744	San Gabriel Canyon PH	18.55	.18	4.04	8.58	1.11	2.38	1.58	.00	.22	.05	.00	.00	.41
U05D3	U05777900	34 12	117 51	1,481	San Gabriel Dam	23.71	.22	4.95	11.61	1.16	2.34	2.31	.16	.27	.00	.00	.00	.69
U05D1	U05778500	34 06	118 05	450	San Gabriel Fire Dept.	11.39	.07	2.10	6.78	.76	.00	1.08	.00	.23	.00	.01	.00	.36
Y02B1	Y02781300	33 47	116 57	1,560	San Jacinto Ranger Sta.	10.61	.15	1.15	4.37	.90	1.29	.78	.05	.00	.00	.22	.00	1.70
T10B4	T10785100	35 18	120 39	300	San Luis Obispo Poly	---	1.27	3.61	3.76	.72	---	3.07	.30	.02	.00	.04	.02	.04
Z05C2	Z05787400	33 05	117 00	420	San Pasqual Animal Park	---	.25	---	5.23	---	---	---	.21	.00	.20	.10	.00	.48
Y01D1	Y01788620	34 11	117 27	5,230	San Sevaine Lo.	16.10	2.30	.10	9.90	1.00	1.50	.60	.20	.10	.10	.00	.00	.30
Y01C4	Y01788800	33 44	117 52	115	Santa Ana Fire Station	9.53	.15	1.93	4.76	.87	.48	.75	.01	.00	.00	.00	.00	.58
Y01E2	Y01789100	34 06	117 06	1,980	Santa Ana PH 3	12.79	.00	1.21	5.32	1.39	1.47	2.33	.59	.00	.22	.14	.00	.12
U05C3	U05789830	34 11	118 01	1,400	Santa Anita Dam	21.54	.21	4.36	9.98	1.11	2.91	2.36	.02	.32	.08	.00	.00	.19
T15B2	T15790200	34 25	119 42	100	Santa Barbara	---	.35	1.99	4.17	---	2.19	1.87	.02	---	---	.01	.00	.09
T15B1	T15790500	34 26	119 50	9	Santa Barbara FAA AP	14.21	.56	2.42	4.43	.72	4.09	1.92	.02	.00	.00	.03	.00	.02
U05D1	U05792600	34 07	117 58	427	Santa Fe Dam	14.30	.07	2.43	7.65	.93	1.63	1.08	.00	.13	.00	.00	.00	.38
T09H1	T09793300	35 22	120 38	1,153	Santa Margarita Booster	23.69	2.96	4.17	4.32	.92	4.97	5.97	.31	.00	.00	.03	.00	.04
T12A0	T12794600	34 54	120 27	238	Santa Maria WB AP	9.34	.53	2.03	3.23	.74	.87	1.82	.07	.00	.00	.00	.03	.02
U05A3	U05795300	34 00	118 29	15	Santa Monica-Pier	---	.25	1.45	3.05	.70	1.49	.74	.00	.08	.00	---	.00	.08
U03B1	U03795700	34 20	119 04	263	Santa Paula-VCFD HDQS	11.69	.38	2.92	4.19	1.35	1.40	1.45	.00	.00	.00	.00	.00	.00
U03B1	U03795705	34 21	119 03	290	Santa Paula-Co Dept. Agri.	11.32	.23	3.00	3.94	1.92	1.15	1.08	.00	.00	.00	.00	.00	.00
Z01B0	Z01798712	33 42	117 32	5,660	Santiago Peak	---	.70	6.10	10.60	2.03	4.08	.16	.00	.43	---	---	---	---
Y01F2	Y01788720	33 58	117 07	1,840	San Timoteo Cyn.	11.67	.19	1.35	5.47	1.17	1.18	1.05	.15	.00	.10	.54	.00	.47
U03E1	U03801400	34 35	118 27	2,105	Saugus Power Plant 1	12.59	.07	2.69	5.78	.93	1.00	1.22	.10	.09	.00	.00	.00	.71
U03E1	U03801403	34 25	118 34	1,096	Saugus Edison Station	---	.10	2.08	5.67	.72	.43	.50	.00	.02	.00	---	.00	.27
W2600	W26802001	34 43	118 35	3,700	Sawmill Mtn Ranch	---	---	3.26	9.78	.70	.49	.77	.05	.07	.00	.02	.00	.51
U0503	U05802212	34 11	117 57	2,725	Sawpit Canyon Deer Peak	---	.20	---	---	1.30	3.30	2.40	---	.20	---	---	---	---
U05D1	U05802214	34 10	117 59	1,378	Sawpit Dam 2	19.87	.15	3.81	9.40	1.06	2.63	1.93	.02	.36	.06	.00	.00	.45
U0100	U02806050	34 20	119 25	50	Sea Cliff-Chanslor West	10.82	.21	2.36	4.23	1.31	1.56	1.11	.00	.00	.00	.00	.00	.04
U05A3	U05809211	34 07	118 29	1,425	Sepulveda Cyn + Mulholland	---	.24	3.04	5.96	.62	1.64	1.08	.00	.11	.00	.00	.00	---
W0902	W09820000	35 58	116 16	1,570	Shoshone	4.31	.00	1.00	2.91	.30	.00	.00	.00	.00	.00	.10	.00	.00
U05A2	U05823000	33 47	118 10	100	Signal Hill FC 415	10.11	.41	1.17	4.46	1.03	1.88	.65	.00	.21	.00	.00	.00	.30

TABLE A (continued)
MONTHLY PRECIPITATION

AREAL CODE	STATION NUMBER	LAT	LONG	ELEV	STATION NAME	TOTAL	1984 OCT	1984 NOV	1984 DEC	1985 JAN	1985 FEB	1985 MAR	1985 APR	1985 MAY	1985 JUN	1985 JUL	1985 AUG	1985 SEP
						PRECIPITATION IN INCHES												
U05B1	U05825211	34 06	118 15	455	Silver Lake Reservoir	---	.07	1.72	5.49	.66	2.19	---	.00	.21	.00	.00	.00	.03
T1100	T11825904	35 21	119 59	2,047	Simmler HMS	8.07	.15	1.82	3.39	.79	.30	.98	.26	.00	.00	.00	.17	.21
T1100	T11825902	35 23	120 05	2,040	Simmler RW Cooper	8.78	.24	2.07	3.53	.42	.42	1.30	.70	.00	.00	.00	.00	.10
Z02D1	Z02827230	33 35	117 04	1,490	Skinner Lake	9.75	.19	1.03	5.65	.89	1.09	.47	.00	.00	.02	.04	.00	.37
X19D7	X19831700	33 52	116 40	1,940	Snow Creek Upper	10.55	.00	.70	6.11	1.33	1.19	.44	.00	.00	.00	.00	.00	.78
W24A0	W24837925	36 08	117 58	3,825	South Haiwee Reservoir	6.33	.22	2.63	1.96	.24	.11	.58	.00	.00	.04	.40	.00	.15
W03B0	W03840600	37 11	118 34	9,580	South Lake	17.16	.84	5.36	2.32	.70	1.08	2.82	.18	.08	.96	1.74	.00	1.08
U05D1	U05841401	34 06	118 09	690	South Pasadena-City Hall	13.71	.00	3.12	6.71	.88	1.78	1.10	.00	.00	.05	.00	.00	.07
W28C0	W28856600	34 45	117 00	2,865	Stoddard Valley	4.01	.00	.15	2.71	.35	.13	.17	.00	.00	.00	.50	.00	.00
U05A3	U05857405	34 06	118 27	865	Stone Canyon Res-Law + P	13.43	.02	2.96	5.26	.85	2.30	1.76	.00	.15	.00	.00	.00	.13
W28B0	W28864610	34 18	117 21	3,500	Summit Valley Rentfro	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
Y02A1	Y02865500	33 47	117 12	1,420	Sun City	---	.04	.81	3.63	.65	1.03	.20	.00	---	.00	.00	.00	.09
Y02A2	Y02865075	33 42	117 11	1,426	Sun City SDF	8.51	.04	.89	5.35	.65	1.05	.34	.00	.00	.00	.00	.00	.19
X19D7	X19875033	33 50	116 33	584	Tachevah Dam	4.74	.00	.20	3.63	.34	.17	.00	.00	.00	.00	.00	.00	.40
Y01B5	Y01884650	33 52	117 34	680	Temescal Water Co	---	.09	1.33	7.08	1.32	1.55	.80	.00	.00	.00	.00	---	---
X19D7	X19889200	33 38	116 09	-120	Thermal FAA Airport-SRG	2.63	.00	.47	1.49	.44	.03	.00	.00	.00	.00	.00	.00	.20
W03C0	W03893005	37 03	118 13	0	Tinemaha Reservoir F Evap.	---	.27	2.16	1.27	.33	.04	.21	---	---	1.05	.80	.00	.52
U04A1	U04896700	34 05	118 35	745	Topanga Patrol Station	13.70	.00	3.99	4.50	.93	2.40	1.78	.00	.05	.00	.00	.00	.05
U05A2	U05897300	33 48	118 20	100	Torrance	9.53	.41	1.63	4.22	.74	1.50	.75	.00	.19	.00	.00	.00	.09
X19D7	X19900225	33 50	116 36	2,700	Tramway Valley Station	11.16	.00	.72	6.06	.69	.42	.32	.00	.00	.00	2.22	.08	.65
C07B0	T11901000	35 04	119 37	2,125	Traver Ranch	7.13	.10	.00	.88	.09	1.32	2.50	.90	.45	.59	.30	.00	.00
W21A0	W21903500	35 45	117 22	1,695	Trona	4.30	.00	1.50	2.60	.10	.00	.00	.00	.00	.02	.00	.00	.08
U05B3	U05904700	34 16	118 17	1,690	Tujunga - Parra	---	---	1.62	6.54	.64	1.15	.79	.33	.23	.00	.04	.00	.10
Y01A1	Y01908700	33 43	117 46	118	Tustin Irvine Ranch O-61	---	.09	1.80	4.66	.60	---	.59	.03	.05	.00	.00	.00	.49
X09A0	X09909900	34 08	116 03	1,975	Twentynine Palms	5.38	.00	.62	1.08	.33	.08	.00	.00	.00	.00	2.34	.02	.91
X09A0	X09909905	34 09	116 03	1,895	Twentynine Palms Cy	---	.00	.00	.32	.00	.00	.00	.00	.00	.00	---	---	---
X19C2	X19910520	33 52	116 47	3,440	Twin Pines Ranch	---	.48	1.61	7.82	2.06	1.13	3.05	1.07	.00	.00	---	---	---
T12C0	T12911100	34 59	120 19	582	Twitchell Dam	14.00	1.31	2.12	3.48	1.18	2.30	3.23	.20	.00	.00	.00	.05	.13
U05A3	U05915200	34 04	118 26	430	U.C.L.A. - Westwood	11.69	.21	1.82	4.19	.78	2.46	2.02	.00	.11	.00	.00	.00	.10
Y01B1	Y01916012	34 07	117 40	1,609	Upland Chappel	12.74	.16	1.69	6.23	1.27	1.81	1.09	.00	.00	.18	.00	.00	.31
Y01B1	Y01916025	34 08	117 40	1,800	Upland FS No 2	10.88	.17	2.56	3.99	1.37	.43	1.26	.15	.25	.27	.00	.00	.43
Y01B5	Y01916325	33 50	117 34	1,250	Upper Drive	13.56	.13	1.94	7.71	.90	1.41	1.38	.00	.00	.00	.00	.00	.09
U05A4	U05916505	34 07	118 24	867	Upper Franklin Cyn Res LA	12.26	.18	2.57	5.80	.74	1.59	1.14	.00	.13	.00	.00	.00	.11
Z10C1	Z10918210	32 39	116 56	550	Upper Otay Reservoir-S.D.U.D.	---	.35	1.65	5.87	.46	1.31	.70	---	---	---	---	---	---
U05B1	U05926000	34 10	118 27	695	Van Nuys FC 15B	7.88	.02	.34	4.88	.60	1.11	.75	.02	.09	.00	.00	.00	.07
U02A0	U02928500	34 16	119 17	45	Ventura	---	.42	1.83	4.30	.90	1.49	1.27	.00	.00	.00	---	.00	.04
W28B0	W28932500	34 32	117 17	2,859	Victorville Pump Plant	5.37	.00	.11	4.36	.14	.15	.23	.00	.03	.02	.00	.00	.33
U03E5	U03934500	34 29	118 08	3,135	Vincent Fire Station	5.52	.00	.57	3.80	.23	.10	.40	.00	.22	.00	.08	.00	.12
U05D3	U05934601	34 22	117 45	6,600	Vincent Gulch	---	.32	4.62	14.32	1.58	1.12	2.08	.00	1.24	.00	---	---	---
Z04B2	Z03937800	33 13	117 13	510	Vista 2 NNE	10.12	.03	1.57	4.47	.83	1.34	.76	.30	.00	.04	.00	.00	.78
U05D1	U05943100	34 00	117 52	488	Walnut Patrol Station	14.01	.12	2.19	6.67	1.39	1.62	1.05	.00	.14	.08	.00	.00	.75
U05D1	U05953151	34 07	118 04	547	West Arcadia	---	.07	2.14	6.93	.84	1.59	1.06	.00	.31	---	.00	.00	.23
Y01C3	Y01955475	33 50	117 22	1,480	Western MWD	7.33	.08	.92	4.51	.72	.49	.41	.00	.02	.00	.00	.00	.18
Y02B1	Y02958600	33 49	116 58	1,510	West Portal	11.96	.19	.95	5.00	1.41	1.47	.58	.71	.01	.00	.12	.00	1.52
U05A5	U05966000	33 58	118 01	320	Whittier City Hall	12.83	.09	2.05	6.47	.69	2.17	.97	.00	.15	.00	.00	.00	.24
Z02C2	Z02967575	33 35	117 15	1,250	Wildomar	10.03	.17	1.26	5.79	.55	1.27	.48	.02	.03	.00	.06	.00	.40
Y01C2	Y01967565	33 47	117 30	1,100	Wild Rose Ranch 57	10.98	.20	1.17	6.52	.69	1.20	.85	.00	.00	.00	.00	.00	.35
Y01C2	Y01967570	33 47	117 30	928	Wild Rose R Office	10.73	.20	1.30	6.21	.71	1.14	.86	.00	.00	.00	.00	.00	.31
W20B2	W20967100	36 15	117 14	4,100	Wildrose Ranger Station	---	.33	1.48	---	.13	.06	.16	.00	.24	.01	.00	.00	.65
U05B2	U05971021	34 21	118 27	3,175	Wilson Canyon (Sylmar)	---	.33	3.25	6.94	.98	2.60	2.93	.22	.22	---	---	---	---
Y01B6	Y01977440	33 53	117 21	1,557	Woodcrest SDF	6.88	.09	.87	3.95	.67	.57	.52	.00	.01	.00	.05	.00	.15
W28B0	W28981931	34 22	117 29	6,038	Wrightwood	5.37	.00	.11	4.36	.14	.15	.23	.00	.03	.02	.00	.00	.33
X19D2	X19981933	33 59	116 39	2,200	W W Trout Farm	13.52	.11	1.51	6.03	1.88	.98	2.55	.07	.00	.00	.02	.00	.37
W28E0	W28983675	34 55	116 48	1,912	Yermo Inspection Station	---	.00	.51	2.16	.40	---	.09	.00	---	---	---	.00	.03
Y01F7	Y01987505	34 02	117 02	2,660	Yucaipa CDF	10.69	.24	.53	5.50	1.46	.23	1.80	.93	.00	.00	.00	.00	.00
Y01F7	Y01987507	34 02	117 02	2,760	Yucaipa Water Co.	12.31	.21	1.21	5.39	1.30	1.02	1.68	.00	.03	.46	.03	.00	.98

APPENDIX B

SURFACE WATER MEASUREMENT

Index to Daily Mean Discharge Table

Station Name	Station Number	Map Page	Data Page
Canada De Los Alamos below Apple Canyon	Z23770	24	31
Castaic Creek one mile above Fish Creek	Z32388	24	36
Elderberry Creek above Castaic Creek	Z32345	24	34
Fish Creek above Castaic Creek	Z32370	24	35
Mojave River, East Fork of West Fork, above Cedar Springs	V92250	25	27
Mojave River, East Fork of West Fork above Silverwood Lake	V92235	25	26
Mojave River, West Fork, above Cedar Springs	V92300	25	30
Mojave River, West Fork, at Highway 138 Bridge	V92285	25	29
Necktie Canyon Creek above Castaic	Z32340	24	33
Piru Creek below Buck Creek	Z23790	24	32
Sawpit Canyon Creek at Cedar Springs	V92280	25	38

APPENDIX B
SURFACE WATER MEASUREMENT

Appendix B presents stream flow measurement data in Southern California for the water year October 1, 1984 to September 30, 1985. A list of the stations appears on the facing page; their locations are shown on Figure 4 following.

Surface water measurements are listed in table B by ascending station number. The first character of a surface water station number is one of the *basin code* letters shown in Figure 1. The second character, a numeric, designates a specific tributary area within the major basin. These two characters, therefore, indicate the location of the station. Tributary areas used in this volume are:

BASIN V - SOUTH LAHONTAN BASIN
Tributary area 9 - Mojave River

BASIN Z - LOS ANGELES BASIN
Tributary Area 2 - Lower Santa Clara River
Tributary area 3 - Upper Santa Clara River

Surface water stations are named after the stream and a nearby landmark or post office, such as "Necktie Canyon Creek above Castaic."

The tables give the daily mean flow at designated stations. In addition, the maximum and minimum discharge and corresponding gage heights for the water year and the maximum discharge of record is summarized. The datum and other pertinent data concerning each station are also shown.

The discharge estimated for periods of no record are shown with the letter "E." Also qualified by the letter "E" are discharges obtained from extended ratings which exceed 140 percent of the highest measured flow-rate on which the rating curve was based. The discharge figures have been rounded as follows:

Daily flows - second-feet

0.0	-	9.9	nearest Tenth
10	-	999	nearest Unit
1,000	-	9,999	nearest Ten
10,000	-	99,999	nearest Hundred
100,000	-	999,999	nearest Thousand

Monthly means - second-feet

0.0	-	99.9	nearest Tenth
100	-	9,999	nearest Unit
10,000	-	99,999	nearest Ten
100,000	-	999,999	nearest Hundred

Monthly and yearly totals - acre-feet

0.0	-	9,999	nearest Unit
10,000	-	99,999	nearest Ten
100,000	-	999,999	nearest Hundred
1,000,000	-	9,999,999	nearest Thousand

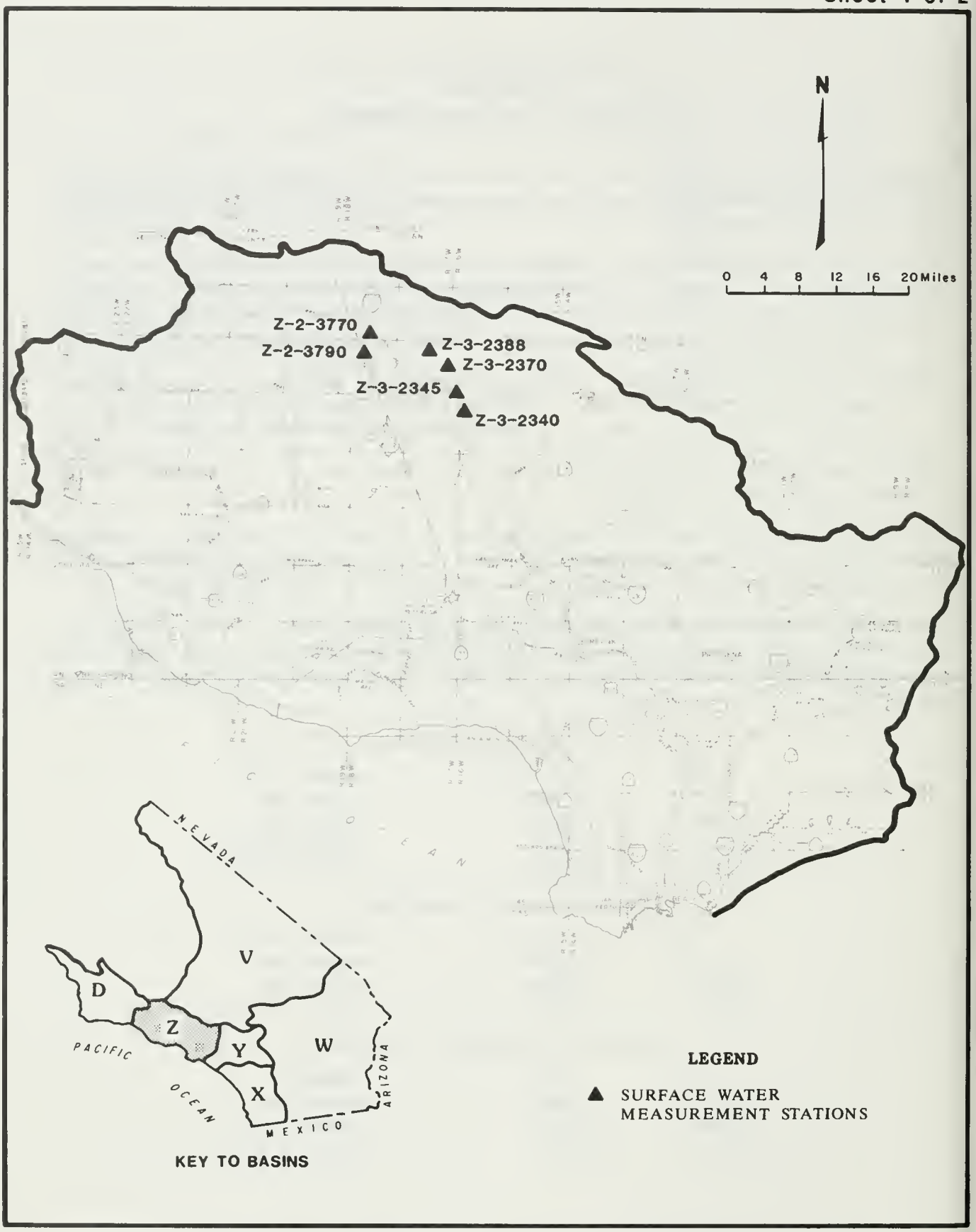


Figure 4 LOCATION OF SURFACE WATER MEASUREMENT STATIONS
LOS ANGELES BASIN

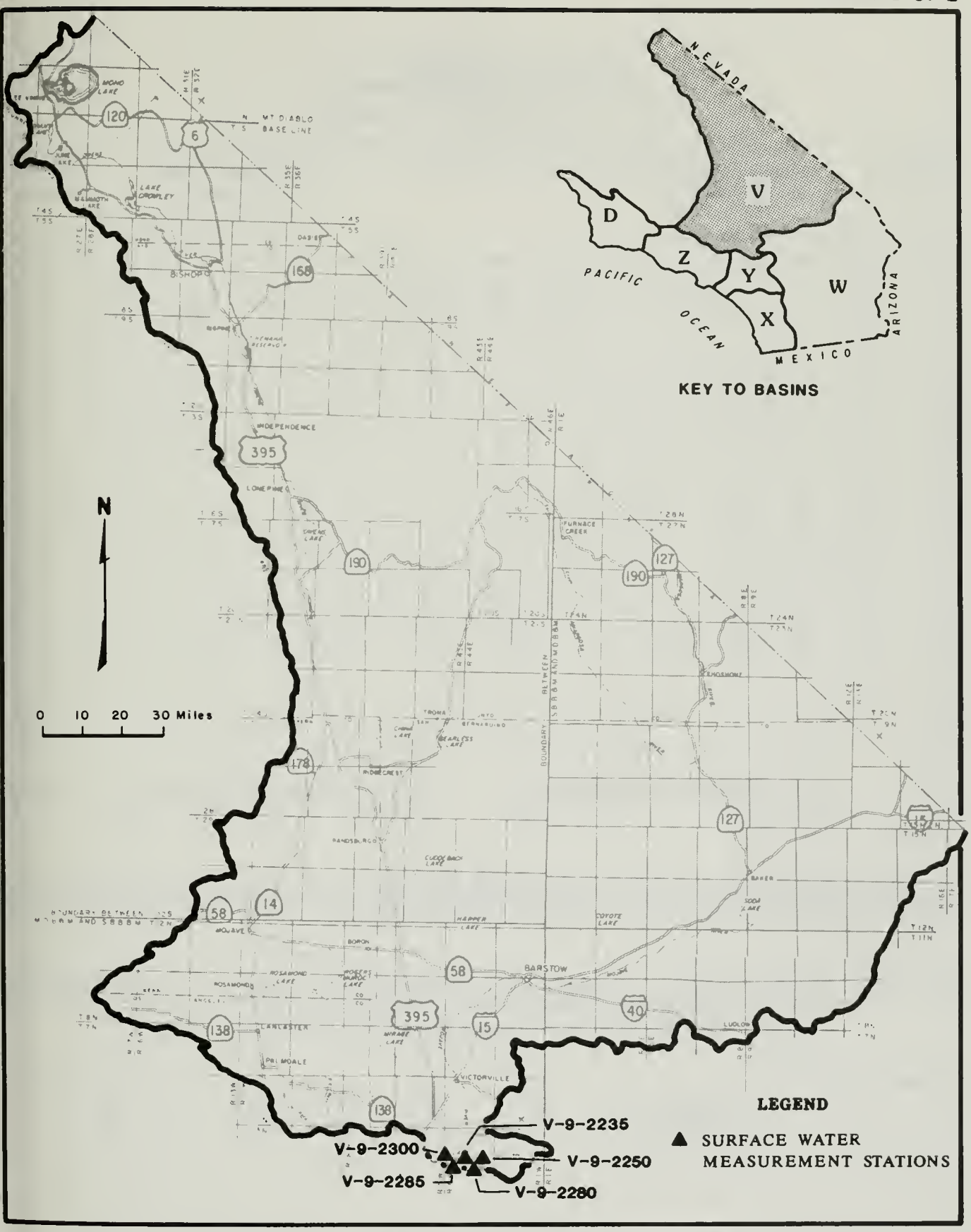


Figure 4 LOCATION OF SURFACE WATER MEASUREMENT STATIONS
SOUTH LAHONTAN BASIN

TABLE B
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: V92235 MOJAVE RIVER, EAST FORK OF WEST FORK, ABOVE SILVERWOOD LAKE

LOCATION: LAT 34-16-30, LONG 117-19-23, T02N, R04W, SEC. 09, SB B&M SAN BERNARDINO COUNTY

DRAINAGE AREA: 16.0 SQ MILES HYDROLOGIC AREA: W-28.B0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.1	1.7	19	7.5	5.1	11	3.4	2.0	.0	.0	.0	1
2	.0	.1	1.6	16	8.3	7.4	10	3.5	2.0	.0	.0	.0	2
3	.0	.1	1.9	14	7.8	9.8	9.3	3.4	2.6	.0	.0	.0	3
4	.0	.1	2.1	13	7.4	8.9	8.7	3.3	2.0	.0	.0	.0	4
5	.0	.1	1.8	12	7.0	5.8	8.0	3.3	1.7	.0	.0	.0	5
6	.0	.1	1.7	11	6.8	5.7	7.4	3.3	1.5	.0	.0	.0	6
7	.0	.1	1.7	15	6.6	5.8	7.0	3.2	1.2	.0	.0	.0	7
8	.0	6.1	4.3	28	6.7	5.6	6.6	3.0	1.0	.0	.0	.0	8
9	.0	1.4	2.4	18	29	5.3	6.1	3.3	.7	.0	.0	.0	9
10	.0	.5	2.2	15	21	5.1	5.8	3.8	.7	.0	.0	.0	10
11	.0	1.1	4.1	13	15	5.1	5.7	3.5	.6	.0	.0	.0	11
12	.0	1.0	2.4	12	14	5.0	5.4	3.2	.4	.0	.0	.0	12
13	.0	8.5	2.1	11	14	4.9	5.1	2.9	.3	.0	.0	.0	13
14	.0	1.8	1.8	10	13	4.8	5.0	2.8	.2	.0	.0	.0	14
15	.0	1.3	1.7	9.5	12	4.8	5.0	2.8	.2	.0	.0	.0	15
16	.0	.9	18	9.0	12	4.6	4.9	2.7	.2	.0	.0	.0	16
17	.0	.7	5.3	8.5	11	4.6	5.0	2.6	.2	.0	.0	.0	17
18	.0	.6	97	8.2	11	5.8	5.1	2.5	.2	.0	.0	.0	18
19	.0	1.5	173	7.9	11	5.5	5.1	2.4	.1	.0	.0	.0	19
20	.0	1.0	72	7.6	11	5.0	5.3	2.3	.1	.0	.0	.0	20
21	.1	3.0	34	7.7	11	4.7	5.9	2.2	.1	.0	.0	.0	21
22	.1	2.4	21	7.6	11	4.5	5.4	2.1	.1	.0	.0	.0	22
23	.1	1.9	16	7.5	11	4.4	5.0	2.0	.1	.0	.0	.0	23
24	.0	5.9	13	7.4	10	4.4	4.7	1.9	.1	.0	.0	.0	24
25	.0	5.2	11	7.1	10	4.3	4.5	2.0	.1	.0	.0	.0	25
26	.0	2.4	22	7.0	9.9	4.2	4.3	2.1	.1	.0	.0	.0	26
27	.0	2.0	145	7.2	9.7	12	4.1	2.0	.1	.0	.0	.0	27
28	.1	1.9	72	8.9	8.2	38	3.9	1.9	.1	.0	.0	.0	28
29	.1	1.8	41	10	--	24	3.9	1.8	.1	.0	.0	.0	29
30	.1	1.7	30	8.7	--	15	3.7	1.9	.1	.0	.0	.0	30
31	.1	--	23	7.9	--	13	--	2.0	--	.0	.0	--	31
DAILY MEAN	.0	1.8	26.7	11.1	11.2	7.8	5.9	2.7	.6	.0	.0	.0	
MAX	.1	8.5	173	28	29	38	11	3.8	2.6	--	--	--	
MIN	.0	.1	1.6	7.0	6.6	4.2	3.7	1.8	.1	.0	.0	.0	
ACRE FEET	1	110	1640	684	621	482	351	165	37				

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
5.7	Wed Dec 19, 1984	430	281	4.59	Mon Jul 01, 1985		.0	.00	4091

REMARKS:

The station is located just south of the State Park bike-path in Miller Canyon.

EQUIPMENT: A Stevens analog to digital recorder that is telemetered to the Area Control Center. A Stevens analog to graphic recorder. These instruments are housed in a concrete recorder house located on the right bank of the stream. CONTROL: The concrete control has a low flow "v" notch. GAGE HEIGHT RECORD: The station is visited weekly.

The datum for this station from 1974 to present is .0, local.

WATER YEAR 1985:

HYDROLOGIC CONDITIONS: No changes occured in the streams drainage area this water year. DATUM: No datum changes were made. Peak flow for the year was 281 CFS on December 19,1984. DISCHARGE: The rating table used this year was number 2. REMARKS: No major problems were encountered.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1974:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		281	4.59	Wed Dec 19, 1984	430

TABLE B (continued)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: V92250 MOJAVE RIVER, EAST FORK OF WEST FORK, ABOVE CEDAR SPRINGS

LOCATION: LAT 34-16-18, LONG 117-17-30, T02N, R04W, SEC. 10, SB B&M SAN BERNARDINO COUNTY

DRAINAGE AREA: 11.5 SQ MILES HYDROLOGIC AREA: W-28.B0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.1	.6	13	5.6	2.9	7.1	2.1	.8	.0	.0	.0	1
2	.0	.1	.6	12	6.2	4.1	6.5	2.1	.8	.0	.0	.0	2
3	.0	.1	.7	11	5.7	3.5	5.9	2.0	1.0	.0	.0	.0	3
4	.0	.1	.7	9.8	5.2	3.3	5.3	1.9	.8	.0	.0	.0	4
5	.0	.1	.6	9.2	4.9	3.1	4.9	1.9	.7	.0	.0	.0	5
6	.0	.1	.6	8.9	4.5	3.0	4.5	2.0	.6	.0	.0	.0	6
7	.0	.1	.6	9.9	4.4	3.0	4.2	1.8	.5	.0	.0	.0	7
8	.0	2.1	1.6	17	4.6	2.9	4.0	1.6	.4	.0	.0	.0	8
9	.0	.4	.8	13	15	2.7	3.7	1.8	.4	.0	.0	.0	9
10	.0	.3	.7	11	13	2.7	3.5	2.2	.3	.0	.0	.0	10
11	.0	.2	1.4	10	10	2.6	3.3	1.9	.3	.0	.0	.0	11
12	.0	.2	.8	9.2	9.8	2.6	3.1	1.7	.3	.0	.0	.0	12
13	.0	2.5	.8	8.5	10	2.6	3.1	1.6	.2	.0	.0	.0	13
14	.0	.7	.7	8.0	9.4	2.5	3.0	1.5	.2	.0	.0	.0	14
15	.0	.5	.8	7.7	9.2	2.5	3.1	1.6	.2	.0	.0	.0	15
16	.0	.5	4.9	7.3	9.1	2.4	2.9	1.5	.2	.0	.0	.0	16
17	.0	.4	1.7	6.9	9.0	2.4	3.0	1.4	.1	.0	.0	.0	17
18	.0	.4	89	6.7	8.8	3.1	3.0	1.2	.1	.0	.0	.0	18
19	.0	.4	155	6.4	9.0	2.7	3.0	1.2	.1	.0	.0	.0	19
20	.0	.4	45	6.3	9.0	2.4	3.3	1.1	.1	.0	.0	.0	20
21	.0	1.6	18	6.2	8.8	2.4	3.6	1.0	.1	.0	.0	.0	21
22	.0	1.0	13	6.0	8.6	2.3	3.4	.9	.0	.0	.0	.0	22
23	.0	.7	10	5.9	8.4	2.2	3.1	.9	.0	.0	.0	.0	23
24	.0	2.2	8.6	5.8	8.3	2.2	2.9	.8	.0	.0	.0	.0	24
25	.0	2.1	7.5	5.7	8.2	2.1	2.8	1.0	.1	.0	.0	.0	25
26	.0	.9	15	5.6	8.1	2.1	2.7	1.3	.0	.0	.0	.0	26
27	.0	.8	119	5.7	8.1	5.7	2.4	1.0	.0	.0	.0	.0	27
28	.1	.7	45	7.1	5.8	19	2.3	.8	.0	.0	.0	.0	28
29	.1	.7	22	8.1	--	13	2.3	.7	.0	.0	.0	.0	29
30	.1	.6	16	7.0	--	8.6	2.2	.7	.0	.0	.0	.0	30
31	.1	--	14	6.4	--	7.5	--	.8	--	.0	.0	--	31
DAILY MEAN	.0	.7	19.2	8.4	8.1	4.0	3.6	1.4	.3	.0	.0	.0	
MAX	.1	2.5	155	17	15	19	7.1	2.2	1.0	--	--	--	
MIN	.0	.1	.6	5.6	4.4	2.1	2.2	.7	.0	.0	.0	.0	
ACRE FEET	1	42	1182	518	450	246	214	87	16				

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
3.8	Wed Dec 19, 1984	415	303	4.83	Wed Jun 26, 1985		.0	.00	2756

REMARKS:

Station is located approximately 75 feet from park kiosk in Miller Canyon.

EQUIPMENT: A Fisher-Porter analog to digital recorder and a Stevens analog to graphic recorder. CONTROL: A concrete rounded crested weir. GAGE HEIGHT RECORD: The reference gage is the outside staff. The inside gage, the Fisher recorder, is set one foot higher. The gage height record is complete and usable. RATING: The station is visited weekly.

The datum for this station from 1961 to present is .0, local.

WATER YEAR 1985:

HYDROLOGIC CONDITIONS: No change DATUM: No datum change. Levels were run in 1984. Six discharge measurements were made this water year. Peak flow of 303.5 CFS occured during the storm of December 19, 1984. DISCHARGE: Rating table number 8 was in effect. REMARKS: No major problems occured this year.

E = Estimated. NR = No record. * = Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1961:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		303	4.83	Wed Dec 19, 1984	415

TABLE B (continued)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: V92280 SAWPIT CANYON CREEK AT CEDAR SPRINGS

LOCATION: LAT 34-16-42, LONG 117-20-10, T02N, R04W, SEC. 06, SB B&M SAN BERNARDINO COUNTY

DRAINAGE AREA: 1.4 SQ MILES HYDROLOGIC AREA: W-28.B0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.1	.3	.3	2.1	.7	.8	1.1	.4	.2	.0	.1	.1	1
2	.1	.2	.3	1.8	.7	.9	1.1	.4	.2	.0	.0	.1	2
3	.1	.1	.3	1.5	.7	.8	1.0	.4	.3	.0	.0	.1	3
4	.1	.1	.3	1.4	.6	.7	.9	.4	.2	.0	.0	.1	4
5	.2	.1	.3	1.3	.6	.7	.8	.4	.2	.0	.0	.1	5
6	.1	.1	.3	1.2	.7	.7	.8	.4	.2	.0	.0	.0	6
7	.1	.2	.3	1.4	2.3	.7	.7	.4	.1	.0	.0	.1	7
8	.1	.7	.5	2.2	1.7	.7	.7	.3	.1	.0	.1	.0	8
9	.1	.2	.3	1.6	1.5	.7	.7	.3	.1	.0	.0	.1	9
10	.2	.2	.3	1.5	1.3	.6	.7	.3	.1	.0	.0	.1	10
11	.2	.2	.4	1.4	1.2	.6	.6	.3	.1	.0	.1	.1	11
12	.3	.2	.3	1.3	1.1	.6	.6	.3	.1	.0	.1	.1	12
13	.3	1.5	.3	1.1	1.0	.6	.6	.3	.1	.0	.1	.0	13
14	.3	.3	.3	1.1	1.0	.6	.5	.3	.1	.0	.1	.0	14
15	.3	.3	.4	1.0	.9	.6	.5	.3	.1	.0	.1	.0	15
16	.3	.2	1.3	.9	.9	.6	.5	.3	.1	.0	.0	.0	16
17	.3	.2	.5	.9	.9	.5	.5	.3	.1	.0	.0	.0	17
18	.2	.2	5.2	.9	.9	.7	.6	.3	.1	.0	.0	.1	18
19	.2	.2	10	.9	.9	.6	.6	.3	.1	.0	.0	.0	19
20	.2	.2	4.5	.8	.8	.5	.6	.3	.1	.0	.0	.0	20
21	.3	.5	2.6	.8	.8	.5	.6	.2	.1	.0	.0	.0	21
22	.3	.3	2.0	.8	.8	.5	.5	.2	.1	.0	.0	.0	22
23	.2	.3	1.6	.8	.8	.5	.5	.2	.1	.0	.0	.0	23
24	.2	.8	1.4	.8	.8	.5	.5	.2	.1	.0	.0	.0	24
25	.2	.7	1.2	.7	.7	.5	.5	.2	.1	.0	.0	.0	25
26	.3	.4	2.1	.7	.7	.5	.4	.2	.1	.0	.0	.0	26
27	.3	.3	9.0	.7	.7	.9	.4	.2	.1	.0	.0	.1	27
28	.3	.3	5.0	.9	.7	2.9	.4	.2	.0	.0	.0	.1	28
29	.4	.3	3.4	.9	--	1.8	.4	.2	.0	.0	.0	.1	29
30	.4	.3	2.8	.8	--	1.5	.4	.2	.0	.0	.0	.1	30
31	.3	--	2.4	.8	--	1.3	--	.2	--	.0	.0	--	31
DAILY MEAN	.3	.4	2.0	1.2	1.0	.8	.7	.3	.2	.0	.1	.1	
MAX	.4	1.5	10	2.2	2.3	2.9	1.1	.4	.3	.0	.1	.1	
MIN	.1	.1	.3	.7	.6	.5	.4	.2	.0	.0	.0	.0	
ACRE FEET	17	23	120	71	54	51	40	21	9	2	4	5	

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
.6	Wed Dec 19, 1984	415	17	1.85	Sat Aug 31, 1985	1200	.0	1.10	417

REMARKS:

The stilling well is located on the right bank of the stream approximately two miles inside Silverwood Lake State Recreation Area boundary.

EQUIPMENT: An A-35 analog to graphic recorder and Fisher-Porter analog to digital recorder. CONTROL: The control remains a Trenton type in which the sides are vertical with a flat bottom. GAGE HEIGHT RECORD: The base reference gage is the outside staff. The gage height record is complete and usable. RATING: The stream bed averages about .5 feet deep and is composed of gravel cobblestones and many large boulders. Channel width varies from 3 to 4 feet. The station is visited weekly and there were numberous discharge mesurements made.

The datum for this station from 1962 to present is .0, local.

WATER YEAR 1985:

HYDROLOGIC CONDITIONS: There has been no major changes in the streams drainage area. It remains heavily forested and depending on the amount of snow includes considerable snow melt. DATUM: No datum changes were made. DISCHARGE: The rating table number 2 was in effect the current water year. REMARKS: No major problems occured at this station for the current water year.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1962:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		17	1.85	Wed Dec 19, 1984	415

TABLE B (continued)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: V92285 MOJAVE RIVER, WEST FORK AT HIGHWAYS 138 BRIDGE

LOCATION: LAT 34-17-18, LONG 117-21-12, T02N, R05W, SEC. 01, SB B&M SAN BERNARDINO COUNTY

DRAINAGE AREA: 7.1 SQ MILES HYDROLOGIC AREA: W-28.B0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.1	10	3.2	2.3	3.8	.9	.1	.0	.0	.0	1
2	.0	.0	.1	8.6	3.2	3.3	3.5	.8	.1	.0	.0	.0	2
3	.0	.0	.1	7.7	3.1	2.7	3.3	.8	.2	.0	.0	.0	3
4	.0	.0	.2	7.0	2.9	2.6	3.1	.8	.1	.0	.0	.0	4
5	.0	.0	.1	6.4	2.9	2.5	2.9	.7	.0	.0	.0	.0	5
6	.0	.0	.1	6.0	2.8	2.4	2.7	.7	.0	.0	.0	.0	6
7	.0	.0	.1	5.9	2.7	2.4	2.4	.7	.0	.0	.0	.0	7
8	.0	.0	.7	8.7	2.7	2.4	2.3	.6	.0	.0	.0	.0	8
9	.0	.0	.4	7.2	5.7	2.3	2.2	.7	.0	.0	.0	.0	9
10	.0	.0	.3	6.4	5.5	2.3	2.0	.8	.0	.0	.0	.0	10
11	.0	.0	.7	6.0	4.7	2.3	1.9	.9	.0	.0	.0	.0	11
12	.0	.0	.5	5.6	4.4	2.2	1.9	1.4	.0	.0	.0	.0	12
13	.0	.0	.4	5.2	4.2	2.1	1.7	1.0	.0	.0	.0	.0	13
14	.0	.0	.3	5.0	4.0	2.1	1.5	.6	.0	.0	.0	.0	14
15	.0	.0	.6	4.8	3.9	2.1	1.4	.5	.0	.0	.0	.0	15
16	.0	.0	11	4.4	3.6	2.0	1.4	.5	.0	.0	.0	.0	16
17	.0	.0	3.0	4.2	3.4	1.9	1.5	.4	.0	.0	.0	.0	17
18	.0	.0	39	4.1	3.3	2.4	1.5	.4	.0	.0	.0	.0	18
19	.0	.0	78	3.9	3.2	2.1	1.5	.4	.0	.0	.0	.0	19
20	.0	.0	36	3.6	3.1	2.0	1.5	.3	.0	.0	.0	.0	20
21	.0	.0	17	3.5	3.0	1.9	1.5	.3	.0	.0	.0	.0	21
22	.0	.1	11	3.5	2.9	1.9	1.5	.2	.0	.0	.0	.0	22
23	.0	.1	8.5	3.4	2.8	1.8	1.4	.2	.0	.0	.0	.0	23
24	.0	.2	7.1	3.3	2.7	1.7	1.3	.2	.0	.0	.0	.0	24
25	.0	.3	6.2	3.1	2.7	1.7	1.2	.1	.0	.0	.0	.0	25
26	.0	.2	14	3.1	2.6	1.7	1.2	.1	.0	.0	.0	.0	26
27	.0	.1	69	3.0	2.5	2.3	1.1	.2	.0	.0	.0	.0	27
28	.0	.1	33	4.0	2.4	7.9	1.1	.1	.0	.0	.0	.0	28
29	.0	.1	21	4.0	--	6.2	1.1	.1	.0	.0	.0	.0	29
30	.0	.1	16	3.5	--	4.8	1.0	.1	.0	.0	.0	.0	30
31	.0	--	13	3.3	--	4.3	--	.1	--	.0	.0	--	31
DAILY MEAN	.0	.0	12.5	5.1	3.4	2.7	1.9	.5	.0	.0	.0	.0	
MAX	--	.3	78	10	5.7	7.9	3.8	1.4	.2	--	--	--	
MIN	.0	.0	.1	3.0	2.4	1.7	1.0	.1	.0	.0	.0	.0	
ACRE FEET		3	769	314	187	164	112	31	1				

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
2.2	Wed Dec 19, 1984	1900	174	3.15	Wed Jun 05, 1985		.0	.00	1581

REMARKS:

The stilling well is located on the left bank of the stream on Cleghorn Canyon Road just under Highway 138 bridge.

EQUIPMENT: A Stevens analog to digital recorder that is telemetered to Area Control Center at Castaic. A Stevens A-35 analog to graphic recorder. Also included with the telemetering equipment is a solar cell system for electrical power. CONTROL: The control includes a "ogee" weir for low flow control and is made of concrete. RATING: The control is located on a concrete lined channel that extends approximately 100 feet upstream and fifty feet down stream from the stilling wells. The station is visited weekly. GAGE HEIGHT RECORD: The reference gage is the outside staff. The record is complete and usable.

The datum for this station from 1971 to present is .0, local.

WATER YEAR 1985:

HYDROLOGIC CONDITIONS: No major changes have occured in the drainage area. DATUM: No datum changes were made. Five discharge measurements were made this water year. Peak flow of 143.36 CFS occured December 19, 1984. DISCHARGE: The rating table in effect for the year was number 2. REMARKS: No major problems were encountered this year.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1971:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		174	3.15	Wed Dec 19, 1984	1900

TABLE B (continued)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: V92300 MOJAVE RIVER, WEST FORK, ABOVE CEDAR SPRINGS

LOCATION: LAT 34-17-06, LONG 117-22-30, T02N, R05W, SEC. 02, SB B&M SAN BERNARDINO COUNTY

DRAINAGE AREA: 3.2 SQ MILES HYDROLOGIC AREA: W-28.B0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.2	3.7	1.5	1.4	1.6	.6	.3	.0	.0	.0	1
2	.0	.0	.2	3.1	1.5	1.5	1.5	.6	.3	.0	.0	.0	2
3	.0	.0	.2	2.9	1.4	1.3	1.4	.6	.3	.0	.0	.0	3
4	.0	.0	.2	2.7	1.4	1.3	1.3	.6	.3	.0	.0	.0	4
5	.0	.0	.2	2.5	1.4	1.3	1.3	.6	.2	.0	.0	.0	5
6	.0	.0	.2	2.2	1.3	1.3	1.2	.6	.2	.0	.0	.0	6
7	.0	.0	.2	2.4	1.3	1.3	1.2	.5	.2	.0	.0	.0	7
8	.0	.1	.4	3.9	1.3	1.3	1.1	.5	.1	.0	.0	.0	8
9	.0	.1	.3	3.3	3.3	1.2	1.1	.6	.1	.0	.0	.0	9
10	.0	.0	.3	2.9	2.7	1.2	1.1	.6	.1	.0	.0	.0	10
11	.0	.0	.4	2.7	2.3	1.2	1.0	.6	.1	.0	.0	.0	11
12	.0	.0	.3	2.6	2.1	1.2	1.0	.6	.0	.0	.0	.0	12
13	.0	.2	.3	2.4	1.9	1.2	1.0	.5	.0	.0	.0	.0	13
14	.0	.1	.3	2.3	1.8	1.2	.9	.5	.0	.0	.0	.0	14
15	.0	.1	.4	2.2	1.8	1.2	.9	.4	.0	.0	.0	.0	15
16	.0	.1	3.6	2.0	1.7	1.1	.9	.4	.0	.0	.0	.0	16
17	.0	.1	1.1	1.9	1.6	1.1	1.0	.4	.0	.0	.0	.0	17
18	.0	.1	15	1.9	1.5	1.2	1.0	.4	.0	.0	.0	.0	18
19	.0	.1	29	1.8	1.5	1.1	1.0	.4	.0	.0	.0	.0	19
20	.0	.1	12	1.8	1.5	1.1	1.0	.4	.0	.0	.0	.0	20
21	.0	.1	5.1	1.7	1.4	1.1	1.0	.3	.0	.0	.0	.0	21
22	.0	.2	3.0	1.6	1.4	1.1	.9	.3	.0	.0	.0	.0	22
23	.0	.2	2.3	1.6	1.4	1.1	.8	.3	.0	.0	.0	.0	23
24	.0	.5	1.9	1.5	1.3	1.0	.8	.3	.0	.0	.0	.0	24
25	.0	.7	1.6	1.5	1.3	1.0	.8	.3	.0	.0	.0	.0	25
26	.0	.4	4.8	1.5	1.3	1.0	.7	.3	.0	.0	.0	.0	26
27	.0	.3	30	1.4	1.3	1.2	.7	.3	.0	.0	.0	.0	27
28	.0	.3	14	1.8	1.2	3.4	.7	.3	.0	.0	.0	.0	28
29	.0	.3	8.1	1.7	--	2.5	.7	.2	.0	.0	.0	.0	29
30	.0	.2	5.8	1.6	--	2.0	.7	.3	.0	.0	.0	.0	30
31	.0	--	4.5	1.5	--	7.7	--	.3	--	.0	.0	--	31
DAILY MEAN	.0	.1	4.7	2.2	1.6	1.5	1.0	.4	.1	.0	.0	.0	
MAX	--	.7	30	3.9	3.3	7.7	1.6	.6	.3	--	--	--	
MIN	.0	.0	.2	1.4	1.2	1.0	.7	.2	.0	.0	.0	.0	
ACRE FEET		9	289	136	90	95	60	27	4				

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
1.0	Thu Dec 27, 1984	430	47	2.71	Fri Jun 21, 1985		.0	.00	71

REMARKS:

The station is located on the left bank of the stream just below Cleghorn Canyon Road approximately 3 miles east of Highway 138.

EQUIPMENT: Fisher-Porter analog to digital recorder. A Stevens analog to graphic recorder. CONTROL: The control is a concrete creste weir. GAGE HEIGHT RECORD: The reference gage is the outside staff. The inside gage, the Fisher recorder is set one foot higher. The gag height record is complete and usable. RATING: The station is visited weekly.

The datum for this station from 1961 to present is .0, local.

WATER YEAR 1985:

HYDROLOGIC CONDITIONS: No changes occured in the stream's drainage area this year. DATUM: No datum change. Levels wer run in 1984. Five discharge measurements were made this water year. Peak flow of 45.59 CFS occured December 27, 1984 DISCHARGE: Rating table number 8 was in effect. REMARKS: No major problems occured this W.Y.

E = Estimated. NR = No record. * = Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1961:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		47	2.71	Thu Dec 27, 1984	430

TABLE B (continued)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: Z23770 CANADA DE LOS ALAMOS BELOW APPLE CANYON

LOCATION: LAT 34-41-26, LONG 118-47-23, T07N, R18W, SEC. 21, SB B&M LOS ANGELES COUNTY

DRAINAGE AREA: 61.8 SQ MILES NYDROLOGIC AREA: U-03.D2

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	2.2E	2.7E	2.4E	2.4E	2.4	2.3	2.8	2.3	2.0	2.1	1.9	1.9	1
2	2.2E	2.7E	2.3E	2.4E	2.2	2.2	2.8	2.3	2.0	2.1	1.9	1.9	2
3	2.2E	2.7E	2.4E	2.4E	2.2	2.2	2.8	2.3	2.0	2.1	1.9	1.9	3
4	2.2E	2.7E	2.3E	2.4E	2.2	2.3	2.8	2.3	2.0	2.1	1.9	1.9	4
5	2.2E	2.7E	2.3E	2.4E	2.2	2.4	2.8	2.3	2.0	2.1	1.9	1.9	5
6	2.3E	2.7E	2.3E	2.3E	2.2	2.5	2.7	2.3	2.0	2.1	1.9	1.9	6
7	2.3E	2.7E	2.3E	2.3E	2.2	2.5	2.7	2.3	2.0	2.0	1.9	1.9	7
8	2.3E	2.7E	2.5E	2.3E	2.1	2.4	2.7	2.3	2.0	2.0	1.9	1.9	8
9	2.3E	2.6E	2.4E	2.2	2.2	2.4	2.7	2.3	2.0	2.0	1.9	1.9	9
10	2.3E	2.6E	2.3E	2.6	2.0	2.5	2.7	2.3	2.0	2.0	1.9	1.9	10
11	2.4E	2.6E	2.6E	2.2	2.0	2.6	2.6	2.2	2.0	2.0	1.9	2.0	11
12	2.4E	2.6E	2.5E	2.2	2.0	2.7	2.6	2.2	2.0	2.0	1.9	2.0	12
13	2.4E	2.6E	2.4E	2.2	2.1	2.7	2.6	2.2	2.0	2.0	1.9	2.0	13
14	2.4E	2.6E	2.4E	2.3	2.0	2.8	2.6	2.2	2.0	2.0	1.9	2.0	14
15	2.4E	2.6E	2.4E	2.3	1.9	2.7	2.6	2.2	2.0	2.0	1.9	2.0	15
16	2.5E	2.6E	2.6E	2.3	2.0	2.8	2.5	2.2	2.0	2.0	1.9	2.0	16
17	2.5E	2.6E	2.5E	2.3	2.0	2.9	2.5	2.2	2.0	2.0	1.9	2.0	17
18	2.5E	2.5E	2.4E	2.5	2.0	3.1	2.5	2.2	2.0	2.0	1.9	2.0	18
19	2.5E	2.5E	2.6E	2.5	2.2	3.1	2.5	2.2	2.0	2.0	1.9	2.0	19
20	2.5E	2.5E	2.6E	2.5	2.3	3.0	2.5	2.1	2.0	2.0	1.9	2.0	20
21	2.5E	2.6	2.5E	2.5	2.3	2.9	2.4	2.1	2.0	1.9	1.9	2.1	21
22	2.6E	2.6E	2.4E	2.5	2.2	2.9	2.4	2.1	2.0	1.9	1.9	2.1	22
23	2.6E	2.6E	2.3E	2.5	2.1	3.1	2.4	2.1	2.0	1.9	1.9	2.1	23
24	2.6E	2.5E	2.2E	2.6	2.2	3.1	2.4	2.1	2.0	1.9	1.9	2.1	24
25	2.6E	2.5E	2.2E	2.6	2.1	3.2	2.4	2.1	2.0	1.9	1.9	2.1	25
26	2.6E	2.5E	2.2E	2.6	2.2	3.2	2.3	2.1	2.0	1.9	1.9	2.1	26
27	2.6E	2.4E	2.5E	2.6	2.2	3.0	2.3	2.1	2.0	1.9	1.9	2.1	27
28	2.7E	2.4E	2.5E	2.9	2.3	2.8	2.3	2.1	2.0	1.9	1.9	2.1	28
29	2.7E	2.4E	2.4E	2.7	--	2.8	2.3	2.0	2.0	1.9	1.9	2.1	29
30	2.7E	2.4E	2.4E	2.6	--	2.8	2.3	2.0	2.0	1.9	1.9	2.1	30
31	2.7E	--	2.4E	2.6	--	2.8	--	2.0	--	1.8	1.9	--	31
DAILY MEAN	2.4	2.6	2.4	2.4	2.1	2.7	2.6	2.2	2.0	2.0	1.9	2.0	
MAX	2.7	2.7	2.6	2.9	2.4	3.2	2.8	2.3	2.0	2.1	1.9	2.1	
MIN	2.2	2.4	2.2	2.2	1.9	2.2	2.3	2.0	2.0	1.8	1.9	1.9	
ACRE FEET	151	153	148	150	119	168	152	134	119	122	117	119	

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
2.3	Mon Mar 25, 1985		3.2	2.63	Wed Jul 31, 1985		1.8	2.54	1652

REMARKS:

On right bank about 1,300 feet upstream of Warne Power Plant.

EQUIPMENT: Fisher-Porter A.D.R. and Steven's A-35 recorders installed in a 48 inch steel pipe house mounted on concrete pipe. Records are normally 35 feet above water level. Control structure is a concrete lined channel with a concrete "V" notched weir. One outside staff is located on weir. Observers are Water Resources personnel. GAGE-NEIGHT RECORD: Fisher-Porter is the principal gage. Gage is checked by the outside staff and backed by the Steven's A-35 continuous chart. Due to plugged contact and extensive weed growth, means were calculated using hydrographs, rainfall record, and measurements. DATUM AND GAGE-HEIGHT CORRECTIONS: No datum corrections were made. Gage height shifts were used and applied for each streamflow measurement. All shifts are listed on a separate page. RATING: Channel width is approximately 75 feet. Both right and left bank are lined concrete with a "V" shaped channel. Stream is fed by a spring approximately two miles up from the station. Flows generally run around two C.F.S. all year. DISCHARGE: Primary computations were done at the San Joaquin District in Fresno, California, using the U.S.G.S. surface water program modified for use on the Wang Computer system. REMARKS: During peak discharge silt is brought in and settles in pond upstream of the weir, promoting tulies and algee growth.

The datum for this station from 1965 to present is .0, local.

WATER YEAR 1985:

Peak discharge for the season was on March 25 with a mean of 3.2 cfs. There were 20 visits to the station and 12 measurements made. Numbering 324 thru 335. E = Estimated. NR = No record. * = Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1965:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		3.2	2.63	Mon Mar 25, 1985	

TABLE B (continued)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: Z23790 PIRU CREEK BELOW BUCK CREEK

LOCATION: LAT 34-39-58, LONG 118-49-18, T07N, R18W, SEC. 30, SB B&M VENTURA COUNTY

DRAINAGE AREA: 197.9 SQ MILES HYDROLOGIC AREA: U-03.D2

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	4.0E	6.4	9.4E	18	16	18	14	7.9	5.8	2.5	2.2	2.3	1
2	4.1E	6.4	9.3E	17	17	18	13	7.7	5.6	2.5	2.1	2.5	2
3	4.2E	6.4	9.5E	17	15	18	13	7.6	5.6	2.5	2.1	2.7	3
4	4.2E	6.4	9.4E	16	15	17	13	7.5	5.3	2.5	2.0	3.0	4
5	4.3E	6.4	9.4E	16	15	17	13	7.2	4.8	2.5	2.1	3.1	5
6	4.3E	6.5	9.3E	16	15	16	13	7.2	4.4	2.5	2.0	3.0	6
7	4.4E	6.6	9.3E	22	15	17	12	7.3	4.1	2.5	2.0	3.2	7
8	4.4E	7.1	9.3E	38	15	17	12	7.3	3.9	2.5	2.0	2.9	8
9	4.5E	6.9	11 E	29	18	16	12	7.4	3.7	2.4	2.0	3.0	9
10	4.5E	7.0	15 E	32	17	15	12	7.6	3.5	2.4	2.1	3.0	10
11	4.6E	7.2	33 E	26	16	15	11	7.5	3.3	2.4	2.1	3.2	11
12	4.7E	7.9	21 E	24	16	15	11	7.3	3.3	2.4	2.2	3.1	12
13	4.8E	52	14 E	21	16	14	11	6.9	3.2	2.4	2.2	2.8	13
14	4.9E	18	11 E	20	16	14	11	6.6	3.1	2.4	2.2	2.7	14
15	5.0E	12	9.0E	20	17	14	10	6.3	3.0	2.4	2.2	2.6	15
16	5.1E	11	11 E	20	18	14	10	6.3	3.0	2.4	2.1	2.7	16
17	5.2E	13	9.8E	18	22	14	11	6.5	2.9	2.3	2.2	2.9	17
18	5.3	13 E	11	18	25	14	11	6.4	2.8	2.3	2.2	3.0	18
19	5.4	13 E	13	19	28	14	11	6.1	2.8	2.3	2.2	3.1	19
20	5.6	12 E	12	21	27	14	10	5.9	2.8	2.3	2.2	3.1	20
21	5.8	12 E	12	22	24	14	10	5.8	2.8	2.3	2.1	3.1	21
22	5.8	11	13	23	21	14	10	5.6	2.8	2.3	2.1	3.2	22
23	5.8	11	12	20	20	13	9.6	5.5	2.7	2.3	2.1	3.2	23
24	5.8	12	12	19	19	13	9.2	5.2	2.9	2.3	2.0	3.2	24
25	5.8	15	13	18	18	13	9.0	5.1	3.0	2.2	2.0	3.3	25
26	5.8	12	14	18	18	13	9.1	5.4	2.8	2.2	2.1	3.3	26
27	6.0	11	21	17	18	14	8.9	5.5	2.5	2.2	2.0	3.4	27
28	6.1	10	20	18	18	14	8.6	5.5	2.4	2.2	2.1	3.5	28
29	6.1	9.9	18	19	--	16	8.5	5.4	2.4	2.2	2.1	3.5	29
30	6.2	9.4	18	17	--	15	8.3	5.4	2.5	2.2	2.1	3.6	30
31	6.4	--	18	16	--	14	--	5.8	--	2.2	2.1	--	31
DAILY MEAN	5.1	11.3	13.4	20.5	18.4	15.0	10.8	6.5	3.5	2.4	2.1	3.0	
MAX	6.4	52	33	38	28	18	14	7.9	5.8	2.5	2.2	3.6	
MIN	4.0	6.4	9.0	16	15	13	8.3	5.1	2.4	2.2	2.0	2.3	
ACRE FEET	316	671	827	1260	1021	920	646	398	206	145	129	181	

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
9.3	Tue Nov 13, 1984	1200	185	3.16	Thu Aug 29, 1985	1815	.5	.79	6720

REMARKS:

LOCATION Immediately downstream of confluence of Buck Creek and 3.7 miles nothwest of Pyramid Dam in Los Padres National Forest.

EQUIPMENT: Stevens 7000 A.D.R. and A-71 continuous chart recorder are located inside of 36 inch steel pipe housing and well. There are 3 outside staffs graduating from .00 to 10.00 feet. Control is a concrete compound weir with a 1/4 inch steel cap to reduce wear. Observers are Water Resources personnel. GAGE-HEIGHT RECORD: Principal gage is the Steven's 7000 A.D.R. backed by the A-71 continuous recorder. A.D.R. failure on two occasions October 1 thru 17 and December 1 thru 17. Record was made using A-71 charts and measurements. RATING: Channel width is approximately 70 feet. Right and left bank are vertical rock. Streambed upstream of weir is sand, rock, and small vegetation. Downstream has washed down to the bedrock with large rock on right bank. Rating table number 3 was used for entire year. There were 24 current meter measurements numbering 412 thru 435. Total number of station observations was 39. DISCHARGE: Primary computations were done in San Joaquin District in Fresno, California, using the USGS surface water program, modified for use on the Wang Computer system. REMARKS: When flows reach about 400 C.F.S. access to the station is cut off 3 miles upstream. Measurements are sometimes made at that point (crossing) to use for comparisons.

The datum for this station from 1965 to present is .0, local.

WATER YEAR 1985:

Peak discharge for the year was November 13 with a mean flow of 52 cfs. DATUM AND GAGE-HEIGHT CORRECTIONS: Datum corrections were used during this period of record in order to correct for swimmers dams. Gage height shifts were made and applied for each measurement in a stage shift manner. All shifts are listed on a separate page.

E = Estimated. NR = No record. * = Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1965:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		185	3.16	Tue Nov 13, 1984	1200

TABLE B (continued)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: 232340 NECKTIE CANYON CREEK ABOVE CASTAIC

LOCATION: LAT 34-33-36, LONG 118-36-48, T06N, R16W, SEC. 31, SB B&M LOS ANGELES COUNTY

DRAINAGE AREA: 2.1 SQ MILES HYDROLOGIC AREA: U-03.E1

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0	.2	.1	.1E	.0	.0	.0	.0	.0	.0	1
2	.0	.0	.0	.2	.1	.1E	.0	.0	.0	.0	.0	.0	2
3	.0	.0	.0	.2	.1	.1E	.0	.0	.0	.0	.0	.0	3
4	.0	.0	.0	.2	.1	.1E	.0	.0	.0	.0	.0	.0	4
5	.0	.0	.0	.1	.1	.1E	.0	.0	.0	.0	.0	.0	5
6	.0	.0	.0	.1	.1	.1E	.0	.0	.0	.0	.0	.0	6
7	.0	.0	.0	.2	.1	.2E	.0	.0	.0	.0	.0	.0	7
8	.0	.0	.0	.1	.1	.2E	.0	.0	.0	.0	.0	.0	8
9	.0	.0	.0	.1	1.9	.1E	.0	.0	.0	.0	.0	.0	9
10	.0	.0	.0	.2	.8	.1E	.0	.0	.0	.0	.0	.0	10
11	.0	.0	.0	.1	.4	.1E	.0	.0	.0	.0	.0	.0	11
12	.0	.0	.0	.1E	.3	.1E	.0	.0	.0	.0	.0	.0	12
13	.0	.0	.0	.1E	.2	.1E	.0	.0	.0	.0	.0	.0	13
14	.0	.0	.0	.1E	.2	.1E	.0	.0	.0	.0	.0	.0	14
15	.0	.0	.0	.1E	.2	.1E	.0	.0	.0	.0	.0	.0	15
16	.0	.0	.0	.1E	.2	.1E	.0	.0	.0	.0	.0	.0	16
17	.0	.0	.0	.1	.2	.1E	.0	.0	.0	.0	.0	.0	17
18	.0	.0	.5	.1	.1	.1E	.0	.0	.0	.0	.0	.0	18
19	.0	.0	9.4	.1	.1	.0E	.0	.0	.0	.0	.0	.0	19
20	.0	.0	3.7	.1	.1	.0E	.0	.0	.0	.0	.0	.0	20
21	.0	.0	1.5	.1	.1	.0E	.0	.0	.0	.0	.0	.0	21
22	.0	.0	.7	.1	.1	.0E	.0	.0	.0	.0	.0	.0	22
23	.0	.0	.5	.1	.1	.0E	.0	.0	.0	.0	.0	.0	23
24	.0	.0	.3	.1	.1	.0E	.0	.0	.0	.0	.0	.0	24
25	.0	.0	.3	.1	.1	.0E	.0	.0	.0	.0	.0	.0	25
26	.0	.0	.3	.1	.1	.0E	.0	.0	.0	.0	.0	.0	26
27	.0	.0	.6	.1	.1	.0E	.0	.0	.0	.0	.0	.0	27
28	.0	.0	.6	.1	.1	.0E	.0	.0	.0	.0	.0	.0	28
29	.0	.0	.4	.1	--	.0E	.0	.0	.0	.0	.0	.0	29
30	.0	.0	.3	.1	--	.0E	.0	.0	.0	.0	.0	.0	30
31	.0	--	.3	.1	--	.0E	--	.0	--	.0	.0	--	31
DAILY MEAN	.0	.0	.6	.1	.2	.1	.0	.0	.0	.0	.0	.0	
MAX	--	--	9.4	.2	1.9	.2	--	--	--	--	--	--	
MIN	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET			38	7	13	4							

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
.1	Wed Dec 19, 1984	1445	26	1.68	Tue Mar 19, 1985	1330	.0	.46	62

REMARKS:

2.2 miles north of Castaic Dam, 400 feet upstream of maximum lake level.

The datum for this station from 1967 to present is .0, local.

WATER YEAR 1985:

Flow started in December and ended in March. Peak flow for season was December 19. GAGE-HEIGHT RECORD: Record was good for the entire year. However, in March estimated means were made by using hydrograph comparisons. DATUM AND GAGE-HEIGHT CORRECTIONS: No datum corrections were made. Shifts were made and applied for each measurement. All shifts are listed on separate pages.

E = Estimated. NR = No record. * = Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1967:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		26	1.68	Wed Dec 19, 1984	1445

TABLE B (continued)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: Z32345 ELDERBERRY CANYON CREEK ABOVE CASTAIC CREEK

LOCATION: LAT 34-34-18, LONG 118-37-30, T06N, R17W, SEC. 36, SB B&M LOS ANGELES COUNTY

DRAINAGE AREA: 2.6 SQ MILES HYDROLOGIC AREA: U-03.D2

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	1
2	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	2
3	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	3
4	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	4
5	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	5
6	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	6
7	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	7
8	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	8
9	.0	.0	.0	.1	.8	.1	.0	.0	.0	.0	.0	.0	9
10	.0	.0	.0	.1	.5	.1	.0	.0	.0	.0	.0	.0	10
11	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	11
12	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	12
13	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	13
14	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	14
15	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	15
16	.0	.0	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	16
17	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	17
18	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	18
19	.0	.0	3.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	19
20	.0	.0	2.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	20
21	.0	.0	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	21
22	.0	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	22
23	.0	.0	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	23
24	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	24
25	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	25
26	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	26
27	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	27
28	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	28
29	.0	.0	.5	.0	--	.0	.0	.0	.0	.0	.0	.0	29
30	.0	.0	.3	.1	--	.0	.0	.0	.0	.0	.0	.0	30
31	.0	--	.3	.1	--	.0	--	.0	--	.0	.0	--	31
DAILY MEAN	.0	.0	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	
MAX	--	--	3.9	.2	.8	.1	--	--	--	--	--	--	
MIN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET			25	6	6	2							

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
.1	Wed Dec 19, 1984	1615	11	1.90	Mon Mar 11, 1985	430	.0	.22	39

REMARKS:

3.0 miles north of Castaic Dam and 300 feet up the canyon.

EQUIPMENT: Fisher-Porter A.D.R. and a Stevens A-35 continuous chart recorder equipment is checked with the outside staff. Station house and well is a concrete bunker with a 1/4 inch steel door. A compound weir with a steel cap is used for control. Station has a low flow 2" contact pipe in front of a "V"-notch. Holes have been drilled in well side for high flow contact. RATINGS: Station is normally dry during summer and fall. Rating table number 3 used when flow is present. Streambed is steep and rocky. Left bank is vertical rock. Right bank is sloped with grouted rip-rap for stability. There were 11 measurements made numbering from 207 thru 218. Types of measurements were volumetric and six-tenths method using a pygmy current meter. A total of 16 visits to the station. Rating is good and no improvements were needed. DISCHARGE: Primary computations were done at San Joaquin District in Fresno, California, using the U.S.G.S. surface water program modified for use on the Wang Computer system. REMARKS: Station is well established and gives a good indication of flow activity for streams in the area.

The datum for this station from 1966 to present is .0, local.

WATER YEAR 1985:

Peak discharge was December 19 with a mean daily flow of 3.9 cfs. GAGE-HEIGHT RECORD: Record was excellent for the year. During time of flow (December thru March). Primary record was the A.D.R. and checked by the analog recorder. DATUM AND GAGE-HEIGHT CORRECTIONS: No datum corrections were made. Shifts were made for each measurement and applied in a stage shift manner, using the A-35 charts for each month.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1966:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		11	1.90	Wed Dec 19, 1984	1615

TABLE B (continued)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: Z32370 FISH CREEK ABOVE CASTAIC CREEK

LOCATION: LAT 34-36-09, LONG 118-39-43, T06N, R17W, SEC. 22, SB B&M LOS ANGELES COUNTY

DRAINAGE AREA: 27.2 SQ MILES HYDROLOGIC AREA: U-03.E1

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0	2.9	1.6	1.2	.7	.0	.0	.0	.0	.0	1
2	.0	.0	.0	2.7	1.6	1.2	.7	.0	.0	.0	.0	.0	2
3	.0	.0	.0	2.6	1.6	1.2	.6	.0	.0	.0	.0	.0	3
4	.0	.0	.0	2.4	1.5	1.2	.6	.0	.0	.0	.0	.0	4
5	.0	.0	.0	2.3	1.4	1.2	.6	.0	.0	.0	.0	.0	5
6	.0	.0	.0	2.2	1.4	1.2	.5	.0	.0	.0	.0	.0	6
7	.0	.0	.0	2.5	1.4	1.8	.5	.0	.0	.0	.0	.0	7
8	.0	.0	.0	2.6	1.5	1.5	.5	.0	.0	.0	.0	.0	8
9	.0	.0	.0	2.3	2.3	1.3	.4	.0	.0	.0	.0	.0	9
10	.0	.0	.0	2.6	1.7	1.3	.4	.0	.0	.0	.0	.0	10
11	.0	.0	.0	2.3	1.6	1.3	.4	.0	.0	.0	.0	.0	11
12	.0	.0	.0	2.1	1.6	1.3	.3	.0	.0	.0	.0	.0	12
13	.0	.0	.0	2.0	1.5	1.2	.3	.0	.0	.0	.0	.0	13
14	.0	.0	.0	1.9	1.4	1.2	.2	.0	.0	.0	.0	.0	14
15	.0	.0	.0	1.9	1.4	1.1	.2	.0	.0	.0	.0	.0	15
16	.0	.0	.0	1.9	1.4	1.1	.1	.0	.0	.0	.0	.0	16
17	.0	.0	.0	1.8	1.4	1.0	.1	.0	.0	.0	.0	.0	17
18	.0	.0	.4	1.9	1.4	1.1	.1	.0	.0	.0	.0	.0	18
19	.0	.0	17	1.8	1.4	1.0	.1	.0	.0	.0	.0	.0	19
20	.0	.0	14	1.8	1.4	1.0	.1	.0	.0	.0	.0	.0	20
21	.0	.0	6.7	1.8	1.4	.9	.1	.0	.0	.0	.0	.0	21
22	.0	.0	4.1	1.8	1.3	.9	.2	.0	.0	.0	.0	.0	22
23	.0	.0	3.3	1.8	1.3	.9	.2	.0	.0	.0	.0	.0	23
24	.0	.0	2.7	1.8	1.3	.8	.1	.0	.0	.0	.0	.0	24
25	.0	.0	2.3	1.8	1.3	.8	.1	.0	.0	.0	.0	.0	25
26	.0	.0	2.3	1.8	1.3	.9	.0	.0	.0	.0	.0	.0	26
27	.0	.0	4.7	1.8	1.3	1.0	.0	.0	.0	.0	.0	.0	27
28	.0	.0	4.2	2.1	1.2	.9	.0	.0	.0	.0	.0	.0	28
29	.0	.0	3.5	2.1	--	.9	.0	.0	.0	.0	.0	.0	29
30	.0	.0	3.3	1.8	--	.8	.0	.0	.0	.0	.0	.0	30
31	.0	--	3.1	1.7	--	.7	--	.0	--	.0	.0	--	31
DAILY MEAN	.0	.0	2.3	2.1	1.5	1.1	.3	.0	.0	.0	.0	.0	
MAX	--	--	17	2.9	2.3	1.8	.7	--	--	--	--	--	
MIN	.0	.0	.0	1.7	1.2	.7	.0	.0	.0	.0	.0	.0	
ACRE FEET			142	129	81	67	16						

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
.6	Thu Dec 19, 1985	1745	41	2.64	Fri Apr 26, 1985		.0	.00	435

REMARKS:

FISH CREEK
Z3-2370 Below Castaic Creek 1,500 feet and 7.9 miles north of Castaic.

EQUIPMENT: Fisher-Porter A.D.R. and a Stevens A-71 continuous chart recorder. One outside staff located on weir. Weir is a compound design made of concrete with a 1/4 inch steel cap to reduce wear. Station house and well are concrete block. Access door is steel plate with a hinged backing plate to deflect bullets. Observers are Water Resources personnel. GAGE-HEIGHT RECORD: Fisher-Porter A.D.R. is principal gage. Checked with outside staff and backed up by the A-35. RATING: Channel width is approximately 90 feet. Right and left banks are sloped rock and dirt with small vegetation. DISCHARGE: Primary computations were done at San Joaquin District in Fresno, California, using the U.S.G.S. surface water program modified for use on the Wang Computer system. REMARKS: Rating table number seven could use an extention on the upper end of curve.

The datum for this station from 1965 to present is .0, local.

WATER YEAR 1985:

There were 14 measurements made numbering 312 thru 325, with a total of 40 visits. Rating number seven was used. Rating is fair, but could use more high flow measurements to confirm it. Record is complete for the year. A.D.R. quit in December and record was calculated using A-35 chart. Peak discharge was December 19 with a mean daily flow of 17 C.F.S. DATUM AND GAGE-HEIGHT CORRECTIONS: No datum corrections were used for this period of record. Gage- height shifts made for each measurement and applied in a stage-shift manner, using the A-35 charts for each month. Shifts listed on separate sheet.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1965:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		41	2.64	Thu Dec 19, 1985	1745

TABLE B (continued)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: Z32388 CASTAIC CREEK ONE MILE ABOVE FISH CREEK

LOCATION: LAT 34-36-54, LONG 118-39-28, T06N, R17W, SEC. 14, SB B&M LOS ANGELES COUNTY

DRAINAGE AREA: 35.9 SQ MILES HYDROLOGIC AREA: U-03.E1

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0E	1.4	1.2	1.1	.9	.1	.0	.0	.0	.0	1
2	.0	.0	.0E	1.4	1.5	1.0	.9	.1	.0	.0	.0	.0	2
3	.0	.0	.2E	1.4	1.4	1.0	.9	.1	.0	.0	.0	.0	3
4	.0	.0	.1E	1.3	1.4	1.0	.8	.1	.0	.0	.0	.0	4
5	.0	.0	.0E	1.3	1.3	1.0	.8	.1	.0	.0	.0	.0	5
6	.0	.0	.0E	1.4	1.3	1.0	.7	.0	.0	.0	.0	.0	6
7	.0	.0	.0E	1.6	1.3	1.6	.7	.0	.0	.0	.0	.0	7
8	.0	.0	.3E	1.5	1.3	1.3	.6	.0	.0	.0	.0	.0	8
9	.0	.0	.2E	1.4	2.2	1.2	.6	.0	.0	.0	.0	.0	9
10	.0	.0	.1E	1.7	1.6	1.3	.5	.0	.0	.0	.0	.0	10
11	.0	.0	.0E	1.6	1.7	1.3	.5	.0	.0	.0	.0	.0	11
12	.0	.0	.0E	1.4	1.6	1.3	.4	.0	.0	.0	.0	.0	12
13	.0	.5E	.0E	1.3	1.6	1.2	.4	.0	.0	.0	.0	.0	13
14	.0	.1E	.0E	1.3	1.5	1.3	.3	.0	.0	.0	.0	.0	14
15	.0	.0	.0E	1.3	1.5	1.3	.3	.0	.0	.0	.0	.0	15
16	.0	.0	.5E	1.3	1.4	1.3	.3	.0	.0	.0	.0	.0	16
17	.0	.1E	.4E	1.3	1.4	1.1	.3	.0	.0	.0	.0	.0	17
18	.0	.0	3.0E	1.3	1.4	1.2	.3	.0	.0	.0	.0	.0	18
19	.0	.0	10 E	1.3	1.6	1.1	.2	.0	.0	.0	.0	.0	19
20	.0	.0	9.2E	1.3	1.6	1.1	.2	.0	.0	.0	.0	.0	20
21	.0	.0	8.6E	1.4	1.5	1.0	.2	.0	.0	.0	.0	.0	21
22	.0	.0	7.8E	1.4	1.4	.9	.2	.0	.0	.0	.0	.0	22
23	.0	.0	7.3E	1.3	1.4	.9	.2	.0	.0	.0	.0	.0	23
24	.0	.0	6.8E	1.3	1.3	.9	.2	.0	.0	.0	.0	.0	24
25	.0	1.0E	5.9E	1.3	1.3	.9	.2	.0	.0	.0	.0	.0	25
26	.0	.0	5.0E	1.3	1.2	.9	.2	.0	.0	.0	.0	.0	26
27	.0	.0	4.2E	1.4	1.2	1.2	.1	.0	.0	.0	.0	.0	27
28	.0	.0	3.7E	1.7	1.1	1.0	.1	.0	.0	.0	.0	.0	28
29	.0	.0	2.6E	1.7	--	.9	.1	.0	.0	.0	.0	.0	29
30	.0	.0	2.1E	1.5	--	.9	.1	.0	.0	.0	.0	.0	30
31	.0	--	1.4E	1.4	--	.9	--	.0	--	.0	.0	--	31
DAILY MEAN	.0	.1	2.6	1.4	1.4	1.1	.4	.0	.0	.0	.0	.0	
MAX	--	1.0	10	1.7	2.2	1.6	.9	.1	--	--	--	--	
MIN	.0	.0	.0	1.3	1.1	.9	.1	.0	.0	.0	.0	.0	
ACRE FEET		3	157	86	80	68	24	1					

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
.6	Wed Dec 19, 1984	1530	23	1.95	Mon May 06, 1985	715	.0	.46	419

REMARKS:

EQUIPMENT: Stevens 7001 A.D.R. and A-35 continuous recorders in 36" C.M.P. recorder house and well. Contact is a 2" galvanized pipe that extends from the station to the "V"-notch at the weir. Weir is compound with 1/4 inch steel cap to minimize wear. GAGE-HEIGHT RECORD: Steven's 7001 A.D.R. is principal gage. Recorder is checked by an outside staff and backed up with the A-35. RATING: Channel width is approximately 60 feet. Left bank is steep with grouted rip-rap. Right bank is a gentle slope of rock and sand. Streambed consists of mostly sand with small rock. Flow reaching about 6 feet over weir would start to overtop right bank and open up a new flood plain. DISCHARGE : Primary computations were done at the San Joaquin District in Fresno, California, using the USGS surface water program, modified for use on the Wang Computer system. REMARKS: Rating table needs to be confirmed with high flow measurments. Annual runoff has been low since weir was rebuilt.

The datum for this station from 1968 to present is .0, local.

WATER YEAR 1985:

Record is fair with estimated means for the months of December and April. Both cases were due to recorder failure. Hydrography comparisons and A-35 charts were used. There are 21 measurements numbering from 420 thru 440. Methods were current meter .6 and volumetric, with a total of 27 visits to the station. DATUM AND GAGE-HEIGHT CORRECTIONS: No datum corrections were used. Gage-height shifts were made and applied for each measurement in a stage shift manner. All shifts and corrections are listed on a separate sheet.

E = Estimated. NR = No record. * = Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1968:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		23	1.95	Wed Dec 19, 1984	1530

APPENDIX C

SURFACE WATER QUALITY

SAMPLING STATION INDEX
SOUTHERN CALIFORNIA

Station	Station Number	Location*	Areal Code	Beginning of Record	Analyses on Page
ALAMO R. N. OF THE INT BOUNDARY	W9 2025.00	17S/16E-18S	X23A0	DEC 1969	521
ALAMO R NR. NILAND	W9 2100.00	11S/13E-22S	X23A0	OCT 1949	52
ALL AMERICAN CA AB PILOT KNOB WY	W7 1929.00	16S/21E-24S	X23A0	MAY 1953	51
CACHUMA RES NR. SANTA YNEZ	D8 1565.00	06N/29W-19S	T14D0	MAR 1958	50, 61
CHINO C NR. CHINO	Y2 1210.05	03S/08W-36S	Y01A3	NOV 1945	53
COLORADO R AQU NR PARKER DM	W2 1960.00	03N/27E-28S	X1400	MAR 1960	50
CUYAMA R BL TWITCHELL DM	D6 3050.00	10N/32W-18S	T1200	MAY 1959	50, 63, 67
EATON WA A PASADEN DIV	Z7 5920.10	01N/12W-02S	U05C2	MAY 1985	59, 61
ELSINORE LK A ELSINORE	Y8 2200.00	06S/05W-02S	Y02C1	MAY 1951	55
ESCONDIDO C NEAR HARMONY GROVE	X4 3400.05	12S/02W-30S	Z04F2	DEC 1950	52, 63, 67
HUASNA R NR ARROYO GRANDE	D6 4150.00	12N/33W-32S	T12C0	OCT 1984	50, 63, 67
MATILIJA CA MATILIJA HOT SPRINGS	Z1 5150.00	05N/23W-19S	U02B0	JAN 1971	56, 61
MISSION C NR MONTEBELLO	Z7 6150.00	02S/11W-06S	U05A5	MAR 1950	59
MOJAVE R A LO NARS NR VICTORVILLE	V9 1620.00	06N/04W-29S	W28B0	DEC 1941	50, 61, 63, 67
MOJAVE R BL FORKS RES NR HESPERIA	V9 2095.00	03N/03W-18S	W28B0	OCT 1971	50, 61
NEW R A INT BDY A CALEXICO	W9 1830.00	17S/14E-14S	X23A0	APR 1951	52
NEW R NR WESTMORELAND	W9 1100.00	12S/13E-19S	X23A0	OCT 1949	52
OTAY R A SAVAGE DM	X7 1300.00	18S/01E-18S	Z10B0	DEC 1950	53, 64, 68
PIRU C BL SANTA FELICIA DM	Z2 3240.00	04N/18W-03S	U03D1	JUNE 1961	57, 61
PIRU C RELEASE FROM PYRAMID DM	Z2 3760.00	06N/18W-02S	U03D2	SEPT 1973	57, 69
RIO HONDO BL WHITTIER NARROWS DM	Z6 9780.00	02S/12W-12S	U05A5	MAY 1963	57
RIO HONDA NR MONTEBELLO	Z7 5100.00	02S/11W-06S	U05D1	JAN 1952	59, 65, 70
SALTON SEA AT SALTON SEA ST PK	W5 1600.70	08S/10E-02S	X2800	NOV 1951	51
SAN DIEGO R A OLD MISSION DAM	X5 1230.30	15S/02W-25S	Z07A2	JAN 1952	53, 63, 67
SAN DIEGUITO R A HODGES LK	X4 1200.00	13S/03W-18S	Z04F1	DEC 1946	52, 63, 67
SAN GABRIEL R A AZUSA PH	Z7 1927.10	01N/10W-22S	U05D3	MAR 1951	58, 61
SAN GABRIEL R A WHITTIER NARROWS	Z7 1100.90	02S/11W-05S	U05A5	MAR 1950	58, 65, 69
SAN JACINTO R NR SAN JACINTO	Y9 1450.00	05S/01E-13S	Y02B1	FEB 1985	56, 65, 69
SAN TIMOTEO C WT AV NR SAN BERNAR	Y7 1145.00	01S/04W-23S	Y01E2	MAR 1964	55, 65, 69
SANTA ANA R A E ST BR NR SAN BERNAR	Y5 1100.00	01S/04W-22S	Y01E2	JAN 1966	54, 61, 64, 68
SANTA ANA R A HAMMER AV NR CORONA	Y6 1225.00	03S/07W-01S	Y01B5	NOV 1945	55, 64, 68
SANTA ANA R A MWD XING NR ARLIN	Y6 1410.00	02S/06W-25S	Y01B6	NOV 1948	55, 65, 69
SANTA ANA R BL PRADO DM	Y1 1550.00	03S/07W-29S	Y01A3	MAR 1950	53, 61, 64, 68
SANTA ANA R NO 3 TR NR MENTONE	Y5 1978.00	01S/02W-04S	Y01E7	APR 1951	54
SANTA CLARA R A HWY 99	Z2 1702.00	04N/16W-17S	U03E0	SEPT 1951	56, 61
SANTA CLARA R A LA-VENTURA COU LI	Z3 1135.00	04N/17W-30S	U03E1	APR 1951	57, 61
SANTA CLARA R NR SANTA PAULA	Z2 1360.10	03N/21W-12S	U03C1	FEB 1951	56, 61
SANTA MARGARITA R NR FALLBROOK	X2 1350.00	09S/04W-14S	Z02B1	FEB 1951	52, 63, 67
SANTA PAULA C NR SANTA PAULA	Z2 1300.00	04N/21W-27S	U03B1	JULY 1917	56, 61
SANTA YNEZ R A SOLVANG	D8 1440.00	06N/31W-21S	T14C0	APR 1951	50, 63, 67
SESPE C NR FILLMORE	Z2 2150.00	04N/20W-12S	U03C1	FEB 1951	56, 61
SISQUOC R NR GAREY	D6 2100.00	10N/33W-36S	T12B0	FEB 1985	50, 63
SWEETWATER R A LOVEL DM NR ALPINE	X6 1450.00	16S/02E-17S	Z09B1	MAY 1971	53, 64, 67
TIAJUANA R A INT BOUNDARY	X8 1200.20	19S/02W-01S	Z11A1	FEB 1952	53, 64, 68
VENTURA R NR VENTURA	Z1 1100.00	03N/23W-08S	U02B0	MAY 1951	56, 65, 69
WHITEWATER R A WHITEWATER	W3 1450.00	03S/03E-02S	X19D1	FEB 1951	51, 61
WHITEWATER R NR MECCA	W3 1070.00	07S/09E-30S	X19D1	JULY 1957	51, 63, 67

* S = San Bernadino Base and Meridian

APPENDIX C

SURFACE WATER QUALITY

Appendix C presents the results of chemical analyses of surface water samples collected in Southern California from October 1, 1984 to September 30, 1985. The data are presented in categories, as follows:

Table	Title
C-1	Mineral Analyses of Surface Water
C-2	Minor Element Analyses of Surface Water
C-3	Miscellaneous Analyses of Surface Water
C-4	Nutrient Analyses of Surface Water

To facilitate use of the surface water quality tables, a sampling station index is provided on the facing page. This index lists the stations in the tables and gives location data for each. The number of pages referenced indicates the extent of analysis for each station. The locations of the stations are shown on Figure 5, (pages 41 through 47).

In order to increase the amount of information presented in the water quality tables, multiple headings are used at the top of each column, and data tabulated respectively. For example, the first column of Table C-1 shows the date of sample collection printed above the time of sampling so the data are tabulated in that order. If a part of the values for a multiple heading column are obtained, they will appear in the column with respect to the heading positions. If dashes (or no data) appear in a column, it means no data was obtained.

At the time of sampling, dissolved oxygen, pH, temperature, specific conductance and gage height are determined.

Abbreviations and codes used in each table are explained at the beginning of each table.

Surface water quality stations are listed in the tables by ascending station number. The station number appears on the left, and the areal code on the right of the station name. The areal code is described on page 2.

As with surface water measurement stations, surface water quality stations are named after the stream and a nearby landmark or post office. An example of this is the station "Cuyama River below Twitchell Dam." If a sampling station is situated at the site of a surface water measurement station, each uses the same name.

The first character of a surface water quality station number is one of the *basin code* letters shown in Figure 1. The second character, a numeral, designates a specific tributary area within that major basin. These two characters, therefore, indicate the general location of the station. In this appendix, data are reported for the basins and tributaries listed on the following page:

BASIN		TRIBUTARY	
Ltr	Name	No.	Name
D	Central Coastal	6	Santa Maria – Cuyama
		8	Santa Ynez River
V	South Lahontan	9	Mojave River
W	Colorado River	2	Needles – Colorado River
		3	Whitewater River
		5	West Salton Sea
		7	Blythe – Yuma – Colorado River
		9	Imperial Irrigation District
X	San Diego	2	Santa Margarita River
		4	San Dieguito River
		5	San Diego River
		6	Sweetwater River
		7	Otay River
		8	Tia Juana River
Y	Santa Ana	1	Santa Ana River below Narrows
		2	Chino Creek
		5	Santa Ana Headwaters
		6	Santa Ana River above Narrows
		7	San Timoteo Creek
		8	Temescal Wash–Elsinore
		9	San Jacinto River
Z	Los Angeles	1	Ventura River
		2	Lower Santa Clara River
		3	Upper Santa Clara River
		6	Los Angeles River
		7	San Gabriel River above Narrows

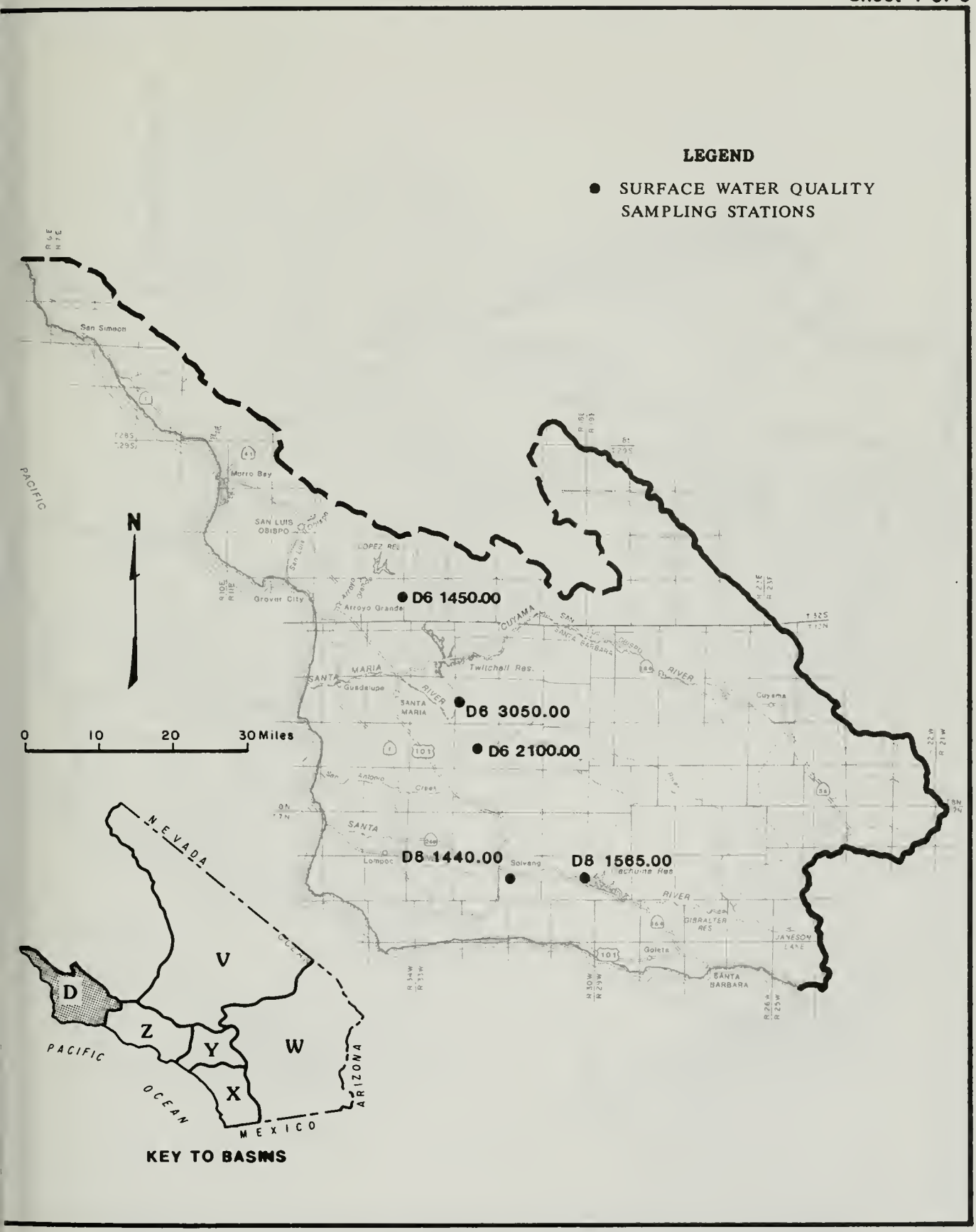


Figure 5. LOCATION OF SURFACE WATER QUALITY STATIONS
CENTRAL COASTAL BASIN

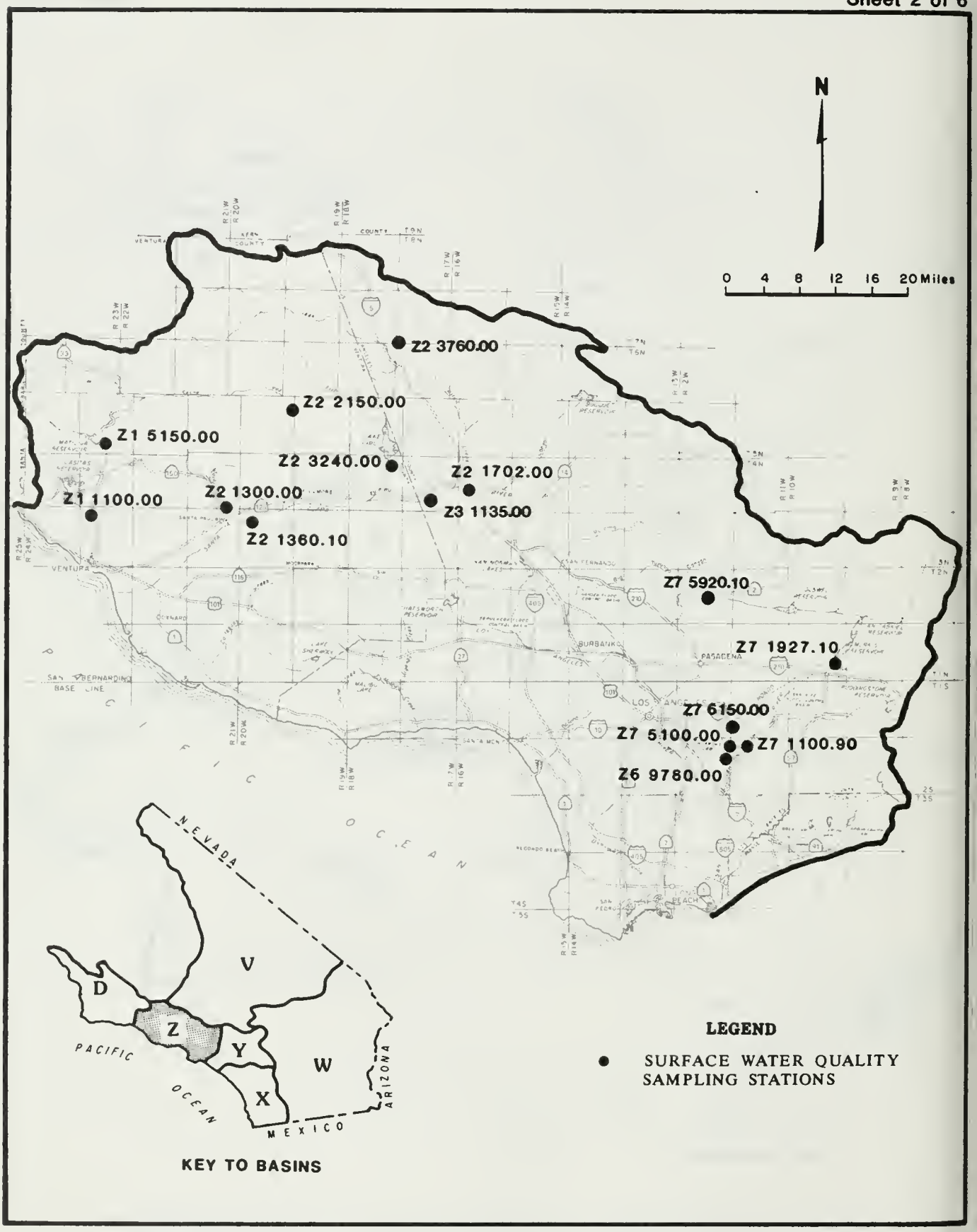


Figure 5 LOCATION OF SURFACE WATER QUALITY STATIONS
LOS ANGELES BASIN

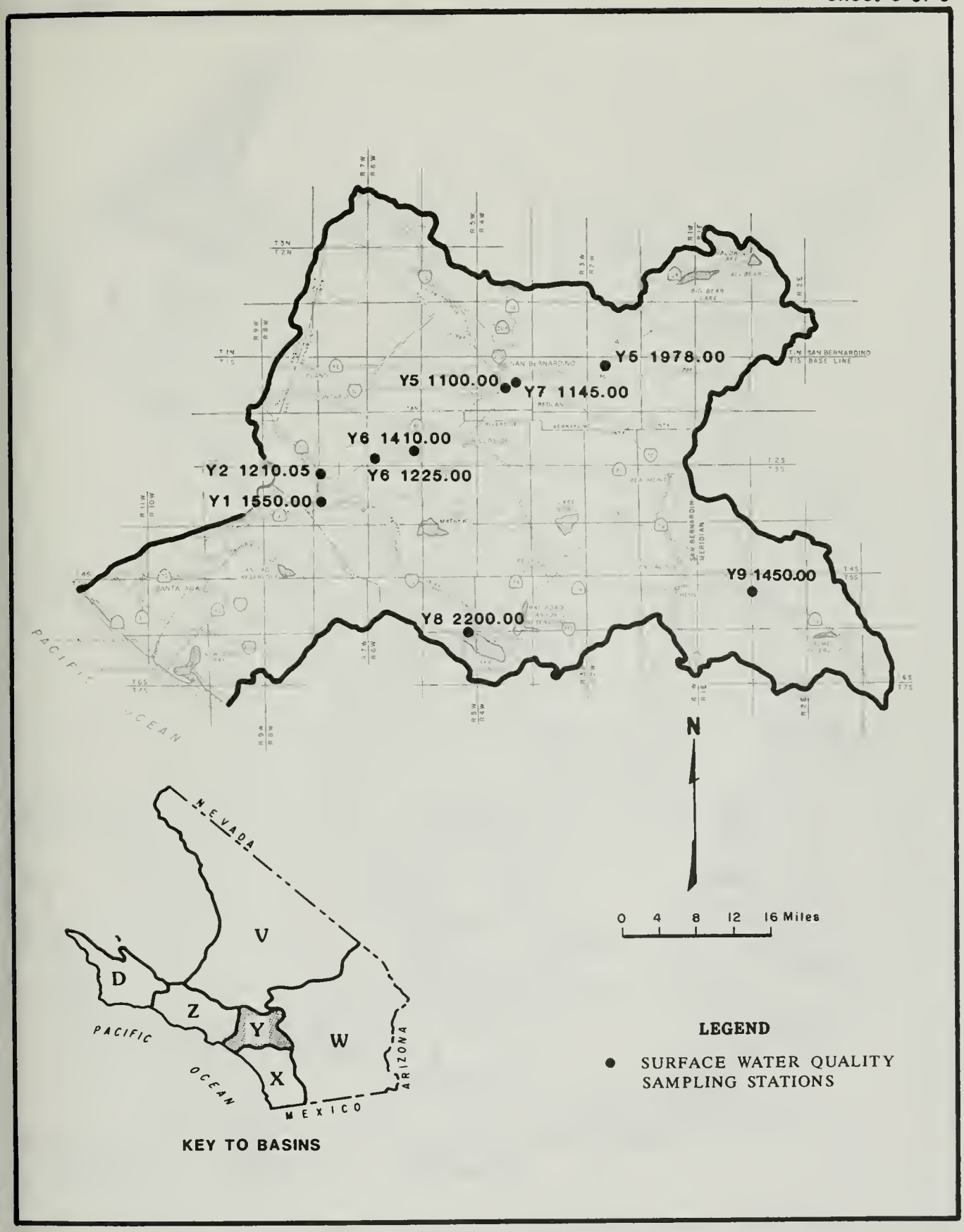


Figure 5 LOCATION OF SURFACE WATER QUALITY STATIONS
SANTA ANA BASIN

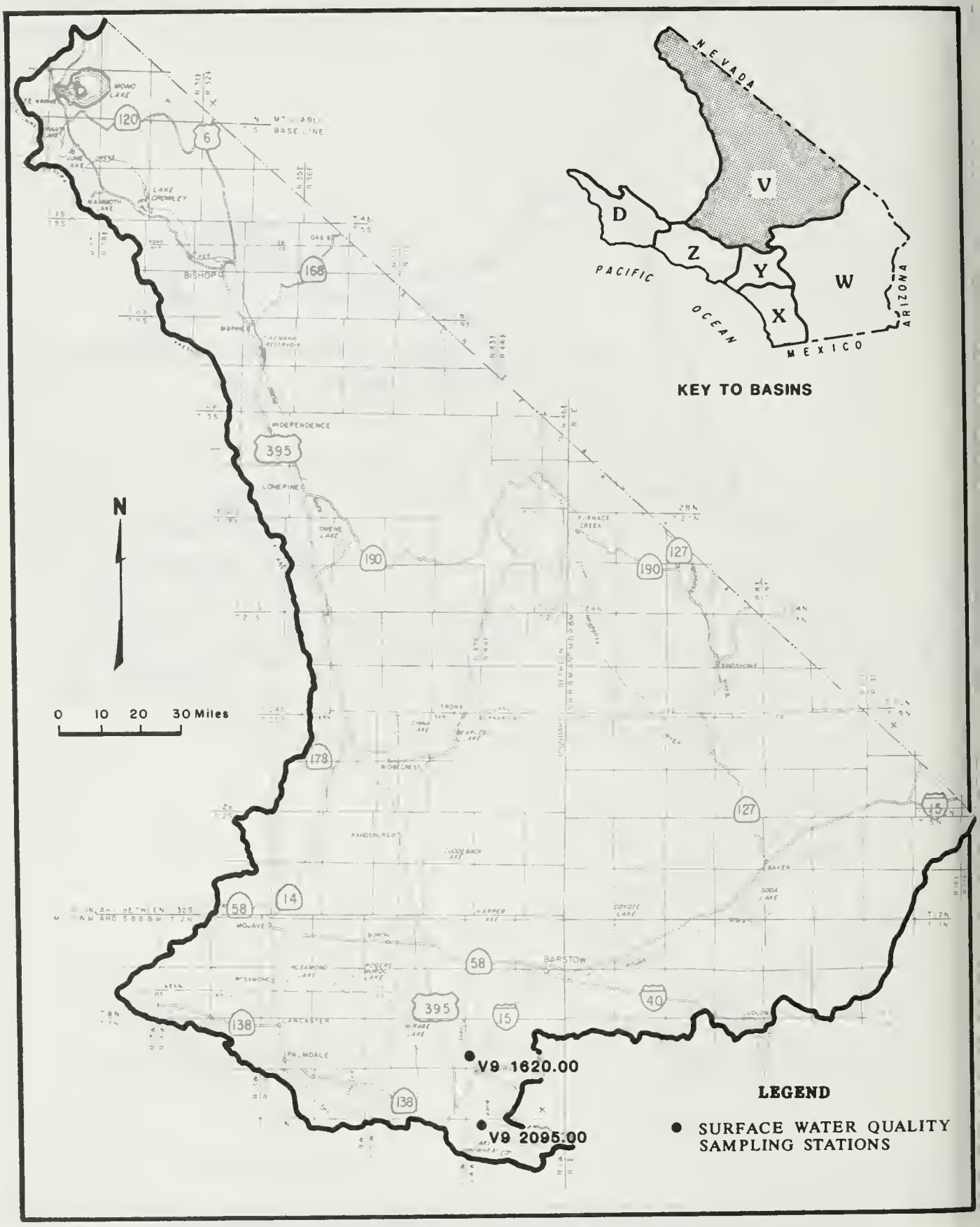


Figure 5 LOCATION OF SURFACE WATER QUALITY STATIONS
SOUTH LAHONTAN BASIN

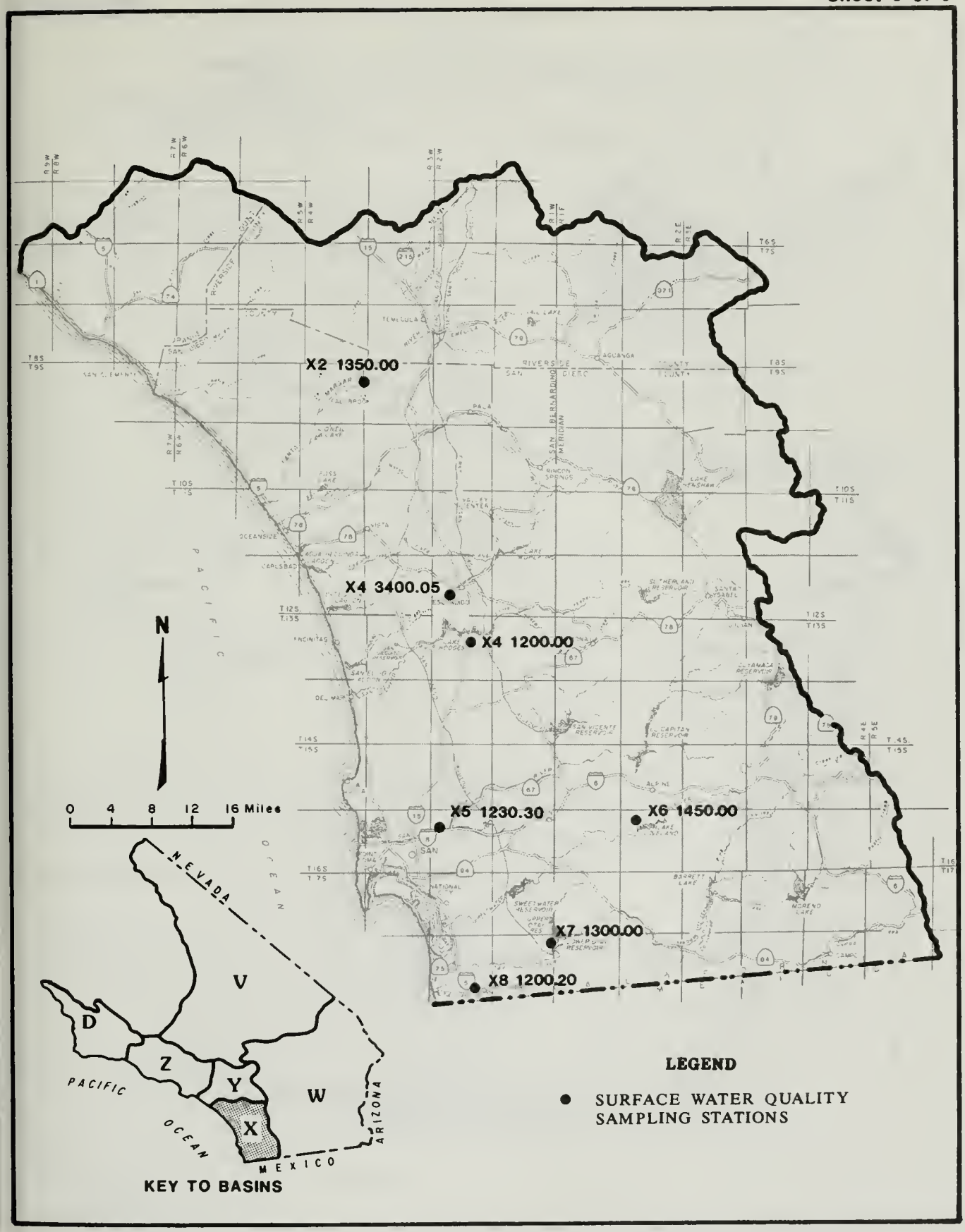


Figure 5 LOCATION OF SURFACE WATER QUALITY STATIONS
SAN DIEGO BASIN

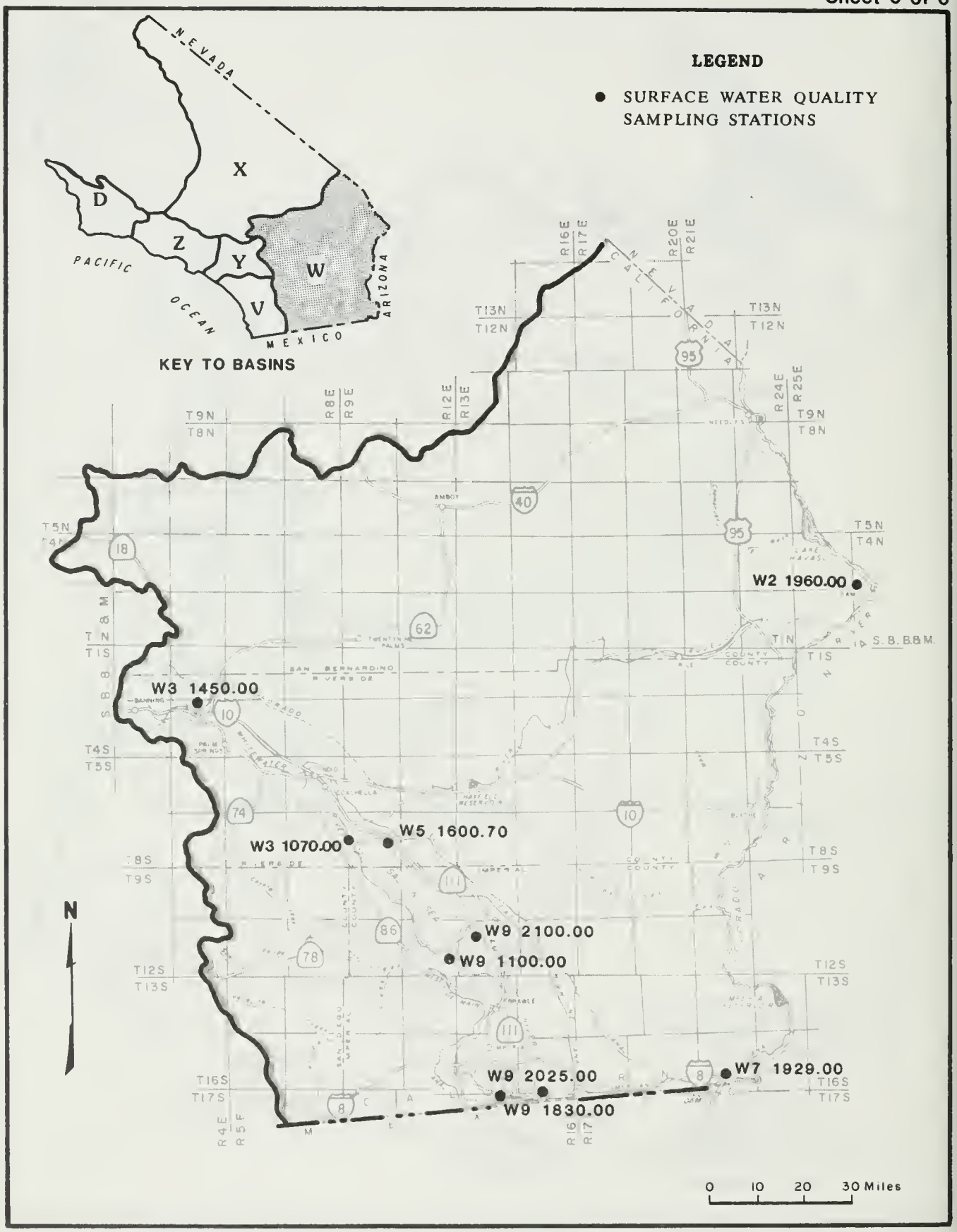


Figure 5 LOCATION OF SURFACE WATER QUALITY STATIONS
COLORADO RIVER BASIN

TABLE C-1
MINERAL ANALYSES OF SURFACE WATER

Lab and Sampler Agency Code

4412 - Metropolitan Water District of Southern California
5050 - Californnia Department of Water Resources
5064 - California Department of Water Resources, Castaic Lab

Abbreviations and Constituents

TIME	-	Pacific Standard Time on a 24-hour clock
G. H.	-	Instantaneous gage height in feet above an established datum
Q	-	Instantaneous discharge in cubic feet per second (E = Estimated)
DO	-	Dissolved oxygen content in milligrams per liter
SAT	-	Percent of normal dissolved oxygen saturation
TEMP	-	Water temperature at time of sampling in degrees Fahrenheit (F) or Celcius (C)
Field	-	Determined in the field
Laboratory	-	Determined in the laboratory
pH	-	Measure of acidity or alkalinity of water
EC	-	Electrical conductance in microseimens at 25°C

Constituents:

B	-	Boron	K	-	Potassium
CA	-	Calcium	MG	-	Magnesium
CACO3	-	Calcium Carbonate	NA	-	Sodium
CL	-	Chloride	NO3	-	Nitrate
F	-	Fluoride	SIO2	-	Silica
			SO4	-	Sulfate

Boron, Fluoride, and Silica are reported in milligrams per liter. The other minerals are reported in each of three units; milligrams per liter, milliequivalents per liter, and percent reactance value; accordingly, each observation can use three lines of tabulation.

MILLIEQUIVALENTS PER LITER is the concentration in Mg/l divided by the equivalent weight of the ion.

PERCENT REACTANCE VALUE is determined by dividing the sum of the cations or anions in milliequivalents per liter into each constituent in milliequivalents per liter, arriving at a percentage.

TDS	-	Gravimetric determination of total dissolved solids at 180°C
SUM	-	Total dissolved solids by summation of analyzed constituents minus 40 percent of analyzed constituents
TH	-	Total Hardness
NCH	-	Noncarbonate hardness - any excess of total hardness over total alkalinity
TURB	-	Jackson Turbidity Units measured with Hellege Turbidimeter (E) or a Hach Nephelometer (A) with (F) for field determinations
SAR	-	Sodium Adsorption ratio
ASAR	-	Adjusted sodium adsorption ratio

(Continued on page 48)

Abbreviations and Constituents (continued)

REM - Remarks; code letters are:

- T - Total dissolved solids and the calculated sum of constituents are not within 20 percent of each other.
- E - Total Dissolved Solids (TDS) value is not within the range of 0.35 to 0.70 of the electrical conductivity.
- S - The anion sum and cation sum for a complete analysis is not within the prescribed tolerance of ± 5 percent.
- X - The field EC and the lab EC are not within 20 percent of each other.
- C - The electrical conductivity divided by the EC-EPM factor (or, if absent,100) is not within 20 percent of the average of the cation sum and anion sum for complete analysis.

TABLE C-1

MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. O	DO SAT	TEMP	FIELD LABORATORY PH	EC	CA	MG	NA	K	CACO3	SO4	CL	NO3	B TURB	F SIO2	TDS SUM	TH NCN	SAR ASAR	REM
							MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE								MILLIGRAMS PER LITER					
D6	2100.00				SISQUOC R NR GAREY							T12B0								
02/12/85	5050		12.8	66.0F	8.0	700	95	57	9A	3.9	212	305	49	9.6	.2	.6	779	471	1.1	EX
1050	0000	.5	139	18.9C	8.0	1060	4.7A	4.69	2.44	.10	4.24	6.39	1.27	.165850A		--	499	260	2.7	
							40	39	20	1	35	53	11	1						
D6	3050.00				CUYAMA R AL TWITCHELL DM							T1200								
13/33/84	5050		9.9	57 F	7.9	1250	313	101	153	8.8	215	3340	103	3.2	.4	.9	2150	1200	1.9	EX
0700	5050	8E	97	14 C	8.0	2460	15.62	8.31	6.66	.23	4.30	23.73	2.90	.02	27A	--	1949	982	9.2	C
							53	27	22	3	14	77	9	0						
01/14/85	5050		10.8	56 F	7.8	1380	233	95	188	5.6	206	903	131	.7	.4	.0	1800	922	2.7	EX
1650	5050	2E	104	13 C	8.1	2220	10.63	7.83	8.18	.22	4.12	18.80	3.69	.01	41A	--	1663	717	7.0	C
							40	29	30	1	15	71	14	0						
04/15/85	5050		3.8	77 F	8.0	1850	191	96	135	7.4	233	739	111	.3	.3	.9	1550	871	2.0	E
1500	5050	2.5	107	25 C	7.9	2000	9.53	7.90	5.87	.19	4.66	15.39	3.33	.00	1A	--	1420	639	5.3	
							41	34	25	1	20	66	14	0						
06	4350.00				HUASNA R NR ARROYO GRANDE							T12C0								
10/30/84	5050		8.8	66 F	7.3	380	108	36	50	1.1	286	161	48	2.4	.2	.5	615	418	1.1	X
1130	0000	1E	94	39 C	8.0	922	5.39	2.96	2.18	.03	5.71	3.35	1.35	.04	2A	--	578	132	2.7	
							51	28	21	0	55	32	13	0						
02/11/85	5050		10.1	14.5F	7.5	600	93	28	47	1.4	236	148	43	1.9	.2	.5	535	347	1.1	X
1750	0000	25E	49	9.7C	8.2	832	4.6A	2.30	2.04	.04	4.72	3.08	1.21	.03	1A	--	504	111	2.6	
							51	25	23	0	52	34	13	0						
08	1440.00				SANTA YNEZ R A SOLVANG							T14C0								
11/13/84	5050	0.79	8.6	64 F	7.8	400	--	--	--	--	--	287	29	--	--	--	757	469		EX
0900	5050	15E	91	18 C		3030						5.98	.82		3A	--				
01/15/85	5050	0.68	11.6	54 F	8.0	350	--	--	--	--	--	287	33	--	--	--	754	491		EX
	5050	2E	109	12 C		1050						5.98	.93		3A	--				
08	1565.00				CACHUMA RES NR SANTA YNEZ							T34D0								
11/15/84	5050	37.35	8.2	65 F	8.0	380	--	--	--	--	--	280	13	--	--	--	630	391		EX
1000	5050		88	18 C		875						5.83	.37		3A	--				
01/15/85	5050	37.51	10.0	55 F	8.0	340	--	--	--	--	--	282	13	--	--	--	627	390		EX
1210	5050		96	13 C		869						5.87	.37		1A	--				
04/16/85	5050	36.95	9.2	65 F	8.5	760	--	--	--	--	--	346	13	--	--	--	771	367		E
0910	5050		99	38 C		855						7.20	.37		4A	--				
07/15/85	5050	31.21	8.3	75 F	8.2	690	--	--	--	--	--	296	14	--	--	--	643	390		E
1005	5050		100	24 C		859						6.16	.39		3A	--				
V9	1620.00				MOJAVE R A LO NARS NR VICTORVILLE							V28A0								
11/14/84	5050	3.33	9.8	53 F	7.9	200	36	9.0	39	3.4	138	34	24	7.9	.1	.5	266	127	1.5	X
0900	5050		99	32 C	8.2	423	1.80	.74	1.70	.09	2.76	.71	.68	.12	1A	--	236	0	2.6	
							42	17	39	2	65	17	16	3						
01/08/85	5050	3.43	6.5	57 F	8.0	222	39	7.0	40	3.6	338	35	25	7.3	.3	.4	288	126	1.6	X
1245	5050	30E	69	34 C	8.0	425	1.95	.58	1.74	.09	2.76	.73	.71	.12	2A	--	249	0	2.7	
							45	13	40	2	64	17	16	3						
04/18/85	5050	3.78	8.9	62 F	8.0	365	38	8.0	39	3.2	142	33	25	7.2	.1	.4	244	128	1.5	
1000	5050		100	17 C	8.1	419	1.90	.66	1.70	.08	2.84	.69	.71	.12	1A	--	239	0	2.6	
							44	15	39	2	65	16	16	3						
07/18/85	5050	3.29	8.2	74 F	7.5	330	39	8.0	42	4.1	136	38	28	5.6	.3	.5	279	130	1.6	X
0705	5050		105	23 C	8.2	518	1.95	.66	1.83	.10	2.72	.79	.79	.09	1A	--	247	0	2.8	
							43	15	40	2	62	18	18	2						
V9	2095.00				MOJAVE R AL FORKS RES NR HESPERIA							W28B0								
01/17/85	5050		11.2	40 F	7.6	140	25	5.0	21	1.2	90	39	12	.4	.1	.7	184	83	1.0	EX
0840	5050	4E	95	4 C	8.3	250	1.25	.41	.91	.03	1.80	.40	.34	.01	3A	--	138	0	1.4	T
							48	16	35	1	71	16	13	0						
04/18/85	5050		9.4	63 F	8.0	245	22	5.0	23	1.5	82	18	20	.9	.1	.5	162	76	1.1	
1130	5050	30E	108	37 C	8.0	263	1.10	.41	1.00	.04	1.64	.37	.56	.01	1A	--	140	0	1.5	
							43	16	39	2	64	34	22	0						
W2	1960.00				COLORADO R ADU NR PARKER DM							X1400								
10/16/84	4412						79	26	83	3.6	133	249	65	1.0	--	.3	895	304	2.1	
	0000				8.2	938	3.94	2.14	3.61	.09	2.66	5.16	1.83	.02		5.3	594	171	4.2	
							40	22	37	1	28	53	19	0						
11/13/84	4412			60.8F			78	25	83	3.7	134	241	64	1.2	--	.3	586	298	2.3	
	4412			16.0C	8.2	940	3.89	2.06	3.63	.09	2.68	5.02	1.80	.02		5.2	584	164	4.3	
							40	21	37	1	28	53	19	0						
12/11/84	4412						68	22	73	3.2	120	208	57	1.1	--	.3	513	260	2.0	
	4412				8.2	821	3.39	1.81	3.18	.08	2.40	4.33	1.61	.02		7.2	511	140	3.8	
							40	21	38	1	29	52	39	0						
12/11/84	4412			55.4F			68	22	73	3.2	120	208	57	1.1	--	.3	513	260	2.0	
	4412			13.0C	8.2	821	3.39	1.81	3.18	.08	2.40	4.33	1.61	.02		7.2	511	140	3.8	
							40	21	38	1	29	52	19	0						
01/08/85	4412						76	24	76	3.6	133	231	61	1.4	--	.3	565	291	2.0	
	4412				8.2	911	3.79	2.01	3.39	.09	2.66	4.81	1.72	.02		8.3	564	157	4.0	
							41	22	37	1	29	52	19	0						
02/14/85	4412			53.6F			76	25	81	3.7	130	242	63	1.3	--	.3	489	293	2.1	
	4412			12.0C	8.2	926	3.79	2.06	3.52	.09	2.60	5.04	1.78	.02		8.3	578	163	4.2	
							40	22	37	1	28	53	19	0						

TABLE C-1 (CONTINUED)

MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. O	DO SAT	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER / MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE									MILLIGRAMS PER LITER					
							CA	MG	NA	K	CACO3	SO4	CL	NO3	TURB	SIO2	SUM	NCH	ASAR	REM
* * *

TABLE C-1 (CONTINUED)

MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. Q	DO SAT	TEMP	FIELD PH	LABORATORY PH	EC	CA	MG	NA	K	CACO3	SO4	CL	NO3	B TURB	F SIO2	TDS SUM	TH NCH	SAR ASAR	REM
								MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE								MILLIGRAMS PER LITER					
	W9	1100.00				NEW R NR WESTMORELAND							X23A0								
03/20/85	5050	5.61	6.8	65.0F	7.8	4675	--	--	--	--	--		759	1140	--	--	--	3160	978		
1005	5050		114	18.3C		5090							15.80	32.15		43A	--				
06/06/85	5050	6.59	6.7	84 F	7.7	4600	--	--	--	--	--		729	1070	--	--	--	3540	935		E
1440	5050		137	29 C		4770							15.18	30.37		86A	--				
09/11/85	5050	5.91	7.6		7.6	4300	--	--	--	--	--		726	1060	--	--	--	3100	886		
1500	5050					4670							15.12	29.89		93A	--				
	W9	1830.00				NEW R A INT BDY A CALEXICO							X23A0								
12/12/84	5050	11.28	6.8	67 F	8.0	2400	--	--	--	--	--		528	1080	--	--	--	2720	736		X
1530	5050		76	39 C		4540							10.99	30.46		5A	--				
03/19/85	5050	10.20	5.4	65.0F	7.4	4500	--	--	--	--	--		731	1520	--	--	--	3740	1010		X
1100	5050		59	18.3C		5890							15.22	42.86			--				
06/07/85	5050	10.28	2.7	83 F	7.6	4350	--	--	--	--	--		662	1040	--	--	--	3100	855		
0700	5050		36	28 C		4450							13.78	29.33		13A	--				
09/11/85	5050	10.59	3.3	73 F	7.8	4775	--	--	--	--	--		636	1230	--	--	--	3220	841		
0933	5050		39	23 C		5020							13.24	34.69		8A	--				
	W9	2025.00				ALAMO R N OF THE INT BOUNDARY							X23A0								
03/19/85	5050	0.38	5.7	65.0F	7.8	4800	--	--	--	--	--		1020	1180	--	--	--	3810	1080		
1255	5050		74	18.3C		5520							21.24	33.28			--				
06/07/85	5050	0.51	4.7	75 F	7.8	3880	--	--	--	--	--		812	864	--	--	--	2900	870		
0830	5050		57	24 C		4390							16.93	24.36		24A	--				
09/11/85	5050	0.37	6.9	70 F	7.8	4000	--	--	--	--	--		786	854	--	--	--	2860	826		
1020	5050		80	21 C		4360							16.36	24.08		31A	--				
	W9	2100.00				ALAMO R NR NILAND							X23A0								
12/13/84	5050	4.85	9.7	58 F	8.0	2400	--	--	--	--	--		1270	1040	--	--	--	3870	1290		X
0930	5050		134	14 C		5590							26.44	29.33		82A	--				
03/20/85	5050	4.19	8.5	63.0F	7.7	3480	--	--	--	--	--		889	623	--	--	--	2730	926		E
1050	5050		139	17.2C		3730							18.51	17.57		171A	--				
06/06/85	5050	4.18	7.7	80 F	7.9	3550	--	--	--	--	--		766	572	--	--	--	2870	844		E
1325	5050		151	27 C		3430							15.95	16.13		72A	--				
09/11/85	5050	3.93	8.2	75 F	7.6	3650	--	--	--	--	--		961	669	--	--	--	2890	990		E
1630	5050		153	24 C		3920							20.01	18.87		77A	--				
	X2	1350.00				SANTA MARGARITA R NR FALLBROOK							20281								
12/11/84	5050		8.8	60 F	7.7	420	79	35	90	6.9	175		159	332	30.0	.1	.4	692	341	2.1	X
1315	5050	150E	89	16 C	8.2	1070	3.94	2.88	3.92	.18	3.50		3.31	3.72	.48	95A	--	637	166	4.7	
							36	26	36	2	32		30	34	4						
03/18/85	5050		8.9	59 F	8.0	1150	96	43	104	9.5	150		202	164	72.0	.1	.5	833	416	2.2	
1115	5050	15E	89	15 C	7.6	1280	4.79	3.54	4.52	.24	3.00		4.21	4.62	1.16	4A	--	781	267	4.9	
							37	27	35	2	23		32	36	9						
06/04/85	5050		9.0	70 F	8.2	1100	96	43	105	12	188		196	166	33.0	.1	.5	862	416	2.2	
1300	5050	3E	101	21 C	8.3	1250	4.79	3.54	4.57	.31	3.76		4.08	4.68	.53	1A	--	764	229	5.2	
							36	27	35	2	29		31	36	4						
09/10/85	5050		9.2	66 F	7.8	980	83	36	111	5.6	159		192	145	57.5	.1	.8	830	355	2.6	
0930	5050	6E	99	19 C	8.3	1220	4.14	2.96	4.83	.37	3.18		4.00	4.09	.93		--	727	196	5.6	
							34	24	40	1	26		33	34	8						
	X4	1200.00				SAN DIEGUITO R A HODGES LK							20481								
02/19/85	5050		11.0	0 F	7.8	720	54	36	105	3.8	165		130	150	1.6	.1	.4	637	283	2.7	X
1030	0000	5.0	36	18 C	8.2	1040	2.69	2.96	4.57	.10	3.32		2.71	4.23	.03	5A	--	580	117	5.7	
							26	29	44	1	32		26	43	0						
	X4	3400.05				ESCONDIDO C NEAR HARMONY GROVE							20482								
12/11/84	5050		9.3	57 F	7.4	190	--	--	--	--	--		51	35	--	--	--	221	93		X
1115	5050	125E	91	14 C		357							3.06	.99		239A	--				
03/18/85	5050		12.3	69.0F	8.5	1780	--	--	--	--	--		291	311	--	--	--	1240	334		
1315	5050	7E	138	20.5C		1950							6.06	8.77			--				
06/04/85	5050		10.0	66 F	8.3	1750	--	--	--	--	--		270	294	--	--	--	1180	543		
1400	5050	4E	109	19 C		1940							5.62	8.29		3A	--				
09/10/85	5050		9.4	66 F	7.8	1300	--	--	--	--	--		259	275	--	--	--	1210	521		X
1045	5050	5E	102	19 C		1830							5.39	7.76		4A	--				

TABLE C-1 (CONTINUED)

MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. O	DO SAT	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER / MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE: CA	MG	NA	K	CACO3	SO4	CL	NO3	B	F	SIO2	TDS SUM	TH NCH	SAR ASAR	REM
	X5	1230.30			SAN DIEGO R A OLD MISSION DM							70742									
12/11/84	5050		8.4	57 F	7.5	290	--	--	--	--	--	86	84	--	--	--	--	249	192		X
0900	5050	400E	82	14 C		599						1.79	2.37		272A	--					
03/18/85	5050		11.1	63.0F	8.0	1800	--	--	--	--	--	317	352	--	--	--	--	1290	334		
1450	5050	7E	116	17.2C		1950						6.60	9.93			--					
06/04/85	5050		9.0	76 F	8.0	2300	--	--	--	--	--	362	479	--	--	--	--	1500	649		
1605	5050	10E	108	24 C		2440						7.54	13.51		4A	--					
09/10/85	5050		7.3	71 F	7.8	1900	--	--	--	--	--	403	618	--	--	--	--	1940	799		X
1200	5050	3E	83	22 C		2930						8.39	17.43		4A	--					
	X6	1450.00			SWEETWATER R A LOVEL DM NR ALPINE							70981									
02/19/85	5050		11.9	62.0F	8.0	400	38	16	43	2.6	140	36	56	.2	.1	.3		280	161	1.5	X
1430	0000		127	16.7C	8.3	504	1.90	1.32	1.87	.07	2.80	.75	1.58	.00	3A	--		276	21	2.7	
							37	26	36	1	55	15	31	0							
	X7	1330.00			OTAY R A SAVAGE DM							71080									
10/31/84	5050		5.8	75 F	7.4	300	34	16	60	3.9	138	39	74	2.6	.1	.4		379	151	2.1	X
	0000		69	24 C	8.1	575	1.70	1.32	2.61	.10	2.76	.81	2.09	.04	1A	--		312	13	3.8	
							30	23	46	2	48	14	37	1							
10/31/84	5050		5.8	75 F	7.4	300	34	16	60	3.9	138	39	74	2.6	.1	.4		379	151	2.1	X
0930	5050		69	24 C	8.1	575	1.70	1.32	2.61	.10	2.76	.81	2.09	.04	1A	--		312	13	3.8	
							30	23	46	2	48	14	37	1							
02/20/85	5050		12.5	59.0F	8.0	470	35	17	60	3.6	141	39	76	1.6	.1	.3		347	158	2.1	X
1030	0000		125	15.0C	8.3	592	1.75	1.40	2.61	.09	2.82	.81	2.14	.03	1A	--		317	17	3.8	
							30	24	45	2	49	14	37	1							
	X8	1200.20			TIA JUANA R A INT BOUNDARY							73181									
10/31/84	5050		3.1	70 F	7.6	1350	119	52	385	12	488	182	455	46.2	.6	.9		1500	510	7.4	X
0900	0000	1E	35	21 C	7.8	2580	5.94	4.28	16.75	.33	9.75	3.79	12.83	.75	3A	--		1945	24	20.2	
							22	16	61	1	36	14	47	3							
02/20/85	5050		6.6	62.0F	7.8	830	68	33	172	9.4	254	89	236	5.0	.3	.4		781	305	4.3	X
1215	0000	3E	68	16.7C	7.9	1360	3.39	2.71	7.48	.24	5.07	1.85	6.66	.08	4A	--		765	52	9.8	
							25	20	54	2	37	14	49	1							
	Y1	1550.00			SANTA ANA R BL PRADO DM							70143									
10/25/84	5050	2.70	8.6	66 F	7.7	450	106	25	105	10	235	165	118	37.0	.4	.8		726	368	2.4	X
1530	5050	160	93	19 C	8.0	1150	5.29	2.06	4.57	.28	4.70	3.44	3.33	.60	154	--		708	133	5.6	
							43	17	37	2	39	29	28	5							
11/08/84	5050		7.8	63 F	7.7	380	84	20	81	15	170	140	92	44.0	.3	.7		613	292	2.1	X
1700	5050		82	17 C	7.6	955	4.19	1.64	3.52	.38	3.40	2.91	2.59	.71	81A	--		578	122	4.4	
							43	17	36	4	35	30	27	7							
12/16/84	5050	3.62	9.7	50 F	7.8	358	79	19	76	9.6	176	131	78	27.0	.3	.6		560	275	2.0	X
1400	5050	416	87	10 C	7.9	871	3.94	1.56	3.31	.25	3.52	2.73	2.20	.44	74	--		525	99	4.2	
							43	17	37	3	40	31	25	5							
01/10/85	5050	3.41	9.4	56 F	7.4	365	90	20	80	13	198	135	87	34.0	.3	.6		636	306	2.0	X
0900	5050	310E	91	13 C	7.6	960	4.49	1.64	3.48	.33	3.96	2.81	2.45	.55	134	--		578	109	4.4	
							45	16	35	3	41	29	25	6							
02/14/85	5050	3.68	11.2	60 F	7.7	650	87	20	70	10	186	129	81	24.0	.3	.6		597	299	1.8	X
0830	5050	511	114	16 C	7.9	899	4.34	1.64	3.05	.26	3.72	2.69	2.28	.39	34	--		533	113	3.9	
							47	18	33	3	41	30	25	4							
03/25/85	5050	3.38	9.8	58.0F	7.8	915	103	23	87	9.3	214	159	99	38.0	.3	.7		640	352	2.0	
0930	5050	272	97	14.4C	7.6	1030	5.14	1.89	3.78	.24	4.28	3.31	2.79	.61	34	--		647	138	4.6	
							47	17	34	2	39	30	25	6							
04/19/85	5050	2.99	8.7	63 F	7.8	950	104	25	96	12	226	160	109	50.0	.5	.8		735	362	2.2	
1000	5050	241	91	17 C	7.8	1110	5.39	2.06	4.18	.31	4.52	3.33	3.07	.81	174	--		692	137	5.1	
							44	38	36	3	39	28	26	7							
05/13/85	5050	2.94	9.0	62 F	7.5	950	101	23	94	10	214	155	104	38.0	.3	.7		726	346	2.2	
0830	5050	226	93	17 C	7.8	1070	5.04	1.89	4.09	.26	4.28	3.23	2.93	.61	154	--		654	133	5.0	
							45	17	36	2	39	29	27	5							
06/13/85	5050	2.76	7.8	68 F	8.0	940	101	24	99	9.0	221	164	108	30.0	.4	.7		918	350	2.3	E
0825	5050	274	87	20 C	8.1	1090	5.04	1.97	4.31	.23	4.42	3.41	3.05	.48	244	--		668	130	5.3	T
							44	17	37	2	39	30	27	4							
07/24/85	5050	2.68	8.5	74 F	7.8	940	98	24	100	9.8	210	160	111	32.0	.4	.7		719	343	2.3	
0805	5050	143	100	23 C	7.9	1090	4.89	1.97	4.35	.23	4.20	3.33	3.13	.52	244	--		660	133	5.4	
							43	17	38	2	38	30	28	5							
08/15/85	5050	2.51	7.8	66 F	7.3	775	65	44	100	9.3	210	199	111	35.0	.2	.7		713	343	2.3	X
0800	5050	129	85	19 C	7.9	1060	3.24	3.62	4.35	.24	4.20	3.31	3.13	.56	234	--		649	133	5.4	
							28	32	38	2	38	30	28	5							
09/17/85	5050	2.70	8.6	67 F	7.3	950	96	22	96	15	208	150	108	37.0	.3	.7		651	330	2.3	
0915	5050	148	94	19 C	7.8	1070	4.79	1.81	4.18	.38	4.16	3.12	3.05	.60	424	--		649	122	5.2	
							43	16	37	3	38	29	28	5							
	Y2	1210.05			CHINO C NR CHINO							70143									
10/08/84	5050		5.6	69 F	7.0	270	--	--	--	--	--	83	47	--	--	--		392	150		EX
1600	5050	10E	62	20 C		559						1.73	1.33		54	--					
01/10/85	5050		7.7	62 F	7.3	340	--	--	--	--	--	136	86	--	--	--		594	251		X
0815	5050	5E	80	17 C		931						2.83	2.43		34	--					
04/19/85	5050		7.0	69 F	7.2	880	--	--	--	--	--	170	106	--	--	--		706	259		
1025	5050	10E	78	20 C		1010						3.54	2.99		14	--					

TABLE C-1 (CONTINUED)

MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. D	DO SAT	TEMP	FIELD LABORATORY PH	EC	CA	MG	NA	K	CACO3	SO4	CL	NO3	B TURB	F SIO2	TDS SUM	TH NCM	SAR ASAR	REM
							MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER						MILLIGRAMS PER LITER			
											MILLIEQUIVALENTS PER LITER									
											PERCENT REACTANCE VALUE									
* * *

TABLE C-1 (CONTINUED)

MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. Q	DO SAT	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER CA	MG	NA	K	MILLIGRAMS PER LITER PERCENT REACTANCE VALUE CACO3	SO4	CL	NO3	MILLIGRAMS PER LITER B	F	TDS SUM	TH NCH	SAR ASAR	REM
Y6	1225.00				SANTA ANA R A HAMMER AV NR CORONA							Y0185								
11/09/84	5050		6.4	64 F	7.4	430	--	--	--	--	--	160	133	--	--	--	758	389		X
1200	5050	80E	68	18 C		1200						3.33	3.75		1A	--				
01/10/85	5050		7.6	58 F	7.4	400	--	--	--	--	--	136	116	--	--	--	677	364		X
1100	5050	200E	75	14 C		1100						3.25	3.27		3A	--				
04/19/85	5050		7.8	63 F	7.8	1000	--	--	--	--	--	168	126	--	--	--	762	387		
0915	5050	45E	82	17 C		1160						3.50	3.55		3A	--				
07/24/85	5050		7.8	74 F	7.3	800	--	--	--	--	--	148	89	--	--	--	686	306		
1000	5050	60E	92	23 C		956						3.08	2.51		3A	--				
Y6	1410.00				SANTA ANA R A MWD XING NR ARLIN							Y0186								
10/25/84	5050		8.0	67 F	7.9	420	--	--	--	--	--	158	82	--	--	--	703	376		X
1700	5050	70E	88	19 C		1070						3.29	2.31		13A	--				
11/09/84	5050		8.2	66 F	8.0	390	--	--	--	--	--	149	79	--	--	--	669	364		X
1100	5050	60E	90	19 C		1020						3.10	2.23		5A	--				
12/16/84	5050		8.2	58 F	8.0	380	--	--	--	--	--	167	64	--	--	--	624	176		X
1100	5050	80E	82	14 C		952						3.48	1.80		14A	--				
01/10/85	5050		8.1	63 F	7.3	365	--	--	--	--	--	163	56	--	--	--	596	332		X
1220	5050	120E	86	17 C		894						3.39	1.58		29A	--				
02/14/85	5050		12.0	61 F	7.7	630	--	--	--	--	--	168	64	--	--	--	612	346		X
1000	5050	70E	124	16 C		923						3.50	1.80			--				
03/25/85	5050		7.5	66.0F	7.8	870	--	--	--	--	--	150	74	--	--	--	703	364		
1045	5050	45E	82	18.9C		1010						3.12	2.09		1A	--				
04/19/85	5050		7.8	63 F	7.7	850	--	--	--	--	--	168	79	--	--	--	717	374		E
0830	5050	45E	82	17 C		1020						3.50	2.23		4A	--				
05/13/85	5050		7.4	69 F	8.0	930	--	--	--	--	--	167	82	--	--	--	648	380		
1000	5050	25E	84	21 C		1060						3.48	2.31		2A	--				
06/11/85	5050		6.4	76 F	8.0	900	--	--	--	--	--	163	84	--	--	--	688	375		
0940	5050	110E	78	24 C		1090						3.39	2.37		2A	--				
07/24/85	5050		9.4	75 F	7.2	900	--	--	--	--	--	156	83	--	--	--	684	367		
1100	5050	90E	113	24 C		1020						3.25	2.34		4A	--				
08/15/85	5050		6.6	73 F	7.8	750	--	--	--	--	--	153	84	--	--	--	674	357		X
0930	5050	45E	78	23 C		1000						3.19	2.37		3A	--				
09/17/85	5050		5.8	72 F	7.4	850	--	--	--	--	--	148	86	--	--	--	652	353		
1045	5050	45E	68	22 C		1010						3.08	2.43		1A	--				
Y7	1145.00				SAN TIMOTEO C WT AV NR SAN BERNAR							Y01E2								
11/09/84	5050		10.1	56 F	7.9	210	--	--	--	--	--	37	22	--	--	--	259	140		X
0845	5050	2E	99	13 C		429						.77	.62		1A	--				
01/10/85	5050		5.7	59 F	7.3	350	--	--	--	--	--	67	32	--	--	--	398	211		Y
1400	5050	2.0	58	15 C		671						1.39	.90		2A	--				
04/18/85	5050		10.1	60 F	8.5	465	--	--	--	--	--	46	31	--	--	--	324	122		
1300	5050	1E	104	16 C		524						.96	.87		3A	--				
07/18/85	5050		8.5	85 F	8.3	480	--	--	--	--	--	67	38	--	--	--	355	153		
1300	5050	5E	114	29 C		577						1.39	1.07		5A	--				
Y8	2200.00				ELSINORE LK A ELSINORE							Y02C1								
12/11/84	5050	49.88	12.8	62 F	9.1	880	--	--	--	--	--	104	225	--	--	--	775	125		X
1500	5050		136	17 C		1380						2.17	6.35		9A	--				
03/18/85	5050		10.7	60.0F	9.0	1200	--	--	--	--	--	110	232	--	--	--	810	125		
0940	5050		111	15.5C		1340						2.29	6.54			--				
06/04/85	5050	24.9	7.5	70 F	9.0	1310	--	--	--	--	--	110	247	--	--	--	891	126		
0905	5050		87	21 C		1440						2.29	6.97		8A	--				
09/09/85	5050		9.2	74 F	9.3	1400	--	--	--	--	--	119	279	--	--	--	938	126		
0900	5050	1247	112	23 C		1560						2.46	7.87		5A	--				

TABLE C-1 (CONTINUED)

MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. O	DO SAT	TEMP	FIELD LABORATORY PH	EC	CA	MG	NA	K	CACO3	SO4	CL	NO3	B TURB	F SIO2	TDS SUM	TH NCM	SAR ASAR	REM
							MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER				MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					
	Y9	1450.00			SAN JACINTO R NR SAN JACINTO							Y02B1								
02/13/85	5050		10.5	60	F 7.5	170	16	2.0	18	2.4	68	5.0	13	.0	.1	.2	147	48	1.1	E
1200	0003	2E	105	16	C 8.0	182	.80	.16	.78	.06	1.36	.10	.37	.00	34	--	97	0	1.2	T
							44	9	43	3	74	5	20	0						
	71	1100.00			VENTURA R NR VENTURA							U0280								
01/15/85	5050	2.19	11.3	59	F 8.0	410	--	--	--	--	--	269	50	--	--	--	744	450		EX
1340	5050	2E	112	15	C	1040						5.60	1.41		34	--				
04/16/85	5050	2.01	8.5	64	F 7.5	850	--	--	--	--	--	251	40	--	--	--	719	427		E
1215	5050	5E	90	18	C	959						5.23	1.13		14	--				
	71	5150.00			MATILIJA C A MATILIJA HOT SPR							U0280								
11/15/84	5050		9.8	60	F 8.0	400	98	31	48	3.4	185	225	41	.4	2.2	.7	594	372	1.1	EX
1500	5050	25E	99	16	C 8.0	834	4.89	2.55	2.09	.09	3.70	4.68	1.16	.01	04	--	560	187	2.5	
							51	27	22	1	39	49	12	0						
01/15/85	5050		11.0	50	F 7.9	360	102	27	46	2.6	168	245	32	.3	1.0	.7	619	366	1.0	X
1410	5050	18E	98	10	C 8.0	888	5.09	2.22	2.00	.07	3.36	5.10	.90	.00	04	--	557	198	2.3	
							54	24	21	1	36	54	10	0						
04/16/85	5050		10.0	60	F 8.0	650	100	25	31	.8	178	224	14	1.1	.2	.6	531	364	0.7	
0855	5050	10E	101	16	C 8.2	762	4.99	2.30	1.35	.02	3.56	4.66	.39	.02	04	--	506	187	1.6	
							58	27	16	0	41	54	5	0						
04/16/85	5050		8.9	65	F 8.0	790	116	29	50	2.5	202	257	32	.0	.9	.8	606	409	1.1	
1115	5050	18E	95	18	C 8.2	915	5.79	2.38	2.18	.06	4.04	5.35	.90	.00	04	--	609	207	2.5	
							56	23	21	1	39	52	9	0						
07/16/85	5050		8.0	80	F 7.9	670	88	25	54	2.5	174	214	35	.4	.8	.9	559	322	1.3	
1105	5050	5E	100	27	C 8.2	812	4.39	2.06	2.35	.06	3.48	4.46	.99	.01	14	--	524	149	2.9	
							50	23	27	1	39	50	11	0						
	72	1300.00			SANTA PAULA C NR SANTA PAULA							U0381								
11/16/84	5050		10.0	57	F 8.0	400	--	--	--	--	--	258	44	--	--	--	741	410		EX
0730	5050	5E	98	14	C	1020						5.37	1.24		34	--				
01/16/85	5050		10.2	50	F 8.0	330	--	--	--	--	--	207	27	--	--	--	549	323		X
0815	5050	8E	91	10	C	798						4.31	.76		14	--				
04/17/85	5050		10.5	60	F 7.8	760	--	--	--	--	--	206	37	--	--	--	592	346		
0800	5050	9E	106	16	C	867						4.29	1.04		04	--				
07/16/85	5050		9.4	73	F 7.9	910	--	--	--	--	--	229	73	--	--	--	704	320		
1155	5050	1E	110	23	C	1030						4.77	2.06		34	--				
	72	1350.10			SANTA CLARA R NR SANTA PAULA							U03C1								
11/16/84	5050		9.7	60	F 7.9	700	156	57	112	6.2	213	533	62	11.0	2.3	.9	1180	628	1.9	EX
0830	5050	100E	98	15	C 8.1	1380	7.88	4.69	4.87	.16	4.26	11.10	1.75	.18	374	--	1069	416	4.9	C
							45	27	28	1	25	64	10	1						
01/16/85	5050		10.2	55	F 7.8	880	150	54	102	4.8	205	510	51	10.1	.8	1.0	1110	596	1.8	EX
0915	5050	80E	97	13	C 8.1	1450	7.49	4.44	4.44	.12	4.10	10.62	1.44	.16	14	--	1006	392	4.5	
							45	27	27	1	25	65	9	1						
04/17/85	5050		13.0	65	F 7.8	1300	178	52	117	5.4	235	581	54	7.0	.8	1.0	1220	658	2.0	E
0845	5050	60E	139	18	C 8.2	1820	8.88	4.28	5.09	.14	4.70	12.10	1.52	.11	04	--	1136	423	5.1	
							48	23	28	1	26	66	8	1						
07/16/85	5050		9.0	72	F 7.8	1300	197	69	130	6.8	262	664	59	11.0	.8	1.0	1420	775	2.0	EX
1310	5050	23E	103	22	C 8.1	1740	9.83	5.67	5.66	.17	5.23	13.82	1.66	.18	14	--	1295	514	5.4	C
							46	27	27	1	25	66	8	1						S
	72	1702.00			SANTA CLARA R A HWY 99							U03E0								
11/16/84	5050		8.9	65	F 7.9	720	101	32	106	7.2	263	210	76	37.0	2.4	.6	748	384	2.4	X
1400	5050	20E	97	19	C 8.4	1150	5.04	2.63	4.61	.18	5.25	4.37	2.14	.60	154	--	729	121	5.7	
							40	21	37	1	42	35	17	5						
01/16/85	5050		8.8	64	F 7.4	790	106	32	106	5.6	259	228	74	34.0	.9	.6	798	396	2.3	X
1400	5050	18E	95	18	C 8.4	1150	5.29	2.63	4.61	.14	5.17	4.75	2.09	.55	144	--	742	138	5.6	
							42	21	36	1	41	38	17	4						
04/17/85	5050		8.0	70	F 7.8	970	95	27	106	6.2	261	190	72	23.0	.9	.8	729	348	2.5	
1120	5050	17E	92	21	C 7.8	1100	4.74	2.22	4.61	.16	5.21	3.96	2.03	.37	244	--	677	88	5.9	
							40	19	39	1	45	34	18	3						
07/17/85	5050		7.5	85	F 7.6	1000	89	28	102	8.0	254	180	85	16.0	1.0	.6	726	337	2.4	
1110	5050	7E	101	29	C 7.7	1130	4.44	2.30	4.44	.20	5.07	3.75	2.40	.26	64	--	661	84	5.7	
							39	20	39	2	44	33	21	2						
	72	2150.00			SESPE C NR FILLMORE							U03C1								
11/16/84	5050		13.5	57	F 7.9	800	--	--	--	--	--	327	163	--	--	--	952	438		X
1000	5050	25E	103	14	C	1380						6.81	4.60		144	--				
01/16/85	5050		11.8	51	F 7.8	630	--	--	--	--	--	205	50	--	--	--	718	408		EX
1130	5050	30E	108	11	C	1010						6.14	1.41		14	--				
04/17/85	5050		11.5	65	F 8.4	875	--	--	--	--	--	288	64	--	--	--	692	362		
0920	5050	25E	124	18	C	995						6.00	1.80		04	--				
07/17/85	5050		13.2	84	F 8.3	1010	--	--	--	--	--	358	86	--	--	--	800	397		E
0800	5050	2E	173	29	C	1130						7.45	2.43		14	--				

TABLE C-1 (CONTINUED)

MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. O	DO SAT	TEMP	FIELD LABORATORY PH	FIELD LABORATORY EC	CA	MG	NA	K	CACO3	SO4	CL	NO3	TURB	SIO2	TDS SUM	TH NCH	SAR ASAR	REM
							MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER / MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					
72	3240.00				PIRU C BL SANTA FELICIA OM							U0301								
11/16/84	5050		10.4	64 F	8.0	390	105	39	62	4.6	178	325	27	.2	.6	.5	711	422	1.3	EX
1200	5050	25E	112	18 C	8.3	922	5.24	3.21	2.70	.12	3.56	6.77	.76	.00	3A	--	670	245	3.0	C
							46	28	24	1	32	61	7	0						
01/16/85	5050		11.2	53 F	7.8	1200	166	86	180	7.8	224	825	58	.3	1.0	1.5	1610	768	2.8	EX
1245	5050	10E	106	12 C	8.0	1970	8.28	7.07	7.83	.20	4.48	17.18	1.64	.00	2A	--	1458	544	7.3	
							35	30	33	1	19	74	7	0						
04/17/85	5050	1.47	11.5	58 F	8.5	750	98	40	47	4.5	158	308	27	.3	.6	.9	674	409	1.0	EX
1010	5050	47	115	14 C	8.4	940	4.89	3.29	2.04	.12	3.16	6.41	.76	.00	3A	--	620	251	2.3	
							47	32	20	1	31	62	7	0						
07/17/85	5050	1.57	11.9	60 F	8.2	780	101	38	56	4.7	145	315	27	.7	.5	.8	696	408	1.2	E
0900	5050	7.5	121	16 C	8.3	944	5.04	3.13	2.44	.12	3.30	6.56	.76	.01	3A	--	642	244	2.7	
							47	29	23	1	31	62	7	0						
72	3760.00				RIRU C RELEASE FROM PYRAMID OM							U0302								
10/18/84	5050			65.7F	8.3	325	36	14	32	2.7	90	91	24	1.3	.4	.4	253	148	1.1	X
0830	5064			18.7C	8.0	437	1.80	1.15	1.39	.07	1.80	1.89	.68	.02	1A	--	255	58	1.9	
		1					41	26	32	2	41	43	15	0						
11/15/84	5050		9.9	61.0F	8.2	430	36	14	34	3.3	90	91	26	1.9	.4	.4	270	148	1.2	
1015	5064		108	16.1C	8.2	452	1.80	1.15	1.48	.08	1.80	1.89	.73	.03	2A	12.3	273	58	2.0	
		1					40	25	33	2	40	42	16	1						
12/28/84	5050		11.0	51.6F	7.9	381	30	11	32	3.1	84	68	28	2.7	.3	.3	260	120	1.3	
1350	5064		107	10.9C	7.7	396	1.50	.90	1.39	.08	1.68	1.37	.79	.04	1A	--	223	36	1.9	
		1					39	23	36	2	43	35	20	1						
01/17/85	5050		11.2	49.6F	8.6	400	29	10	32	2.6	79	61	28	2.4	.3	.2	240	114	1.3	
1100	5064		106	9.8C	8.2	384	1.45	.82	1.39	.07	1.58	1.27	.79	.04	2A	--	213	35	1.9	
		1					39	22	37	2	43	35	21	1						
02/21/85	5050		10.9	49.3F	8.0	400	28	11	35	3.2	78	62	34	4.1	.3	.2	220	113	1.4	
1100	5064		103	9.6C	8.0	406	1.40	.90	1.52	.08	1.56	1.29	.96	.07	2A	--	224	37	2.1	
		1					36	23	39	2	40	33	25	2						
03/21/85	5050		11.3	49.5F	8.0	395	24	13	35	2.7	78	63	34	1.7	.3	.2	242	114	1.4	
1115	5064		107	9.7C	7.4	404	1.20	1.07	1.52	.07	1.58	1.31	.96	.03	1A	--	220	36	2.1	
		1					31	28	39	2	40	34	25	1						
04/16/85	5050		10.4	50.5F	7.6	450	27	12	38	1.0	77	63	39	3.9	.3	.2	243	117	1.5	
1130	5064		100	10.3C	7.8	423	1.35	.99	1.65	.08	1.54	1.31	1.10	.06	1A	--	232	40	2.2	
		1					33	24	41	2	38	33	27	1						
05/16/85	5050		9.9	54.0F	7.8	400	27	12	39	2.6	78	59	43	4.1	.4	.2	264	117	1.6	
1100	5064		99	12.2C	8.0	416	1.35	.99	1.70	.07	1.56	1.21	1.21	.07	2A	--	233	39	2.3	
		1					33	24	41	2	39	30	30	2						
06/19/85	5050		9.0	63.0F	7.8	430	26	12	41	3.1	82	58	43	5.4	.3	.2	293	114	1.7	
0705	5064		100	17.2C	8.1	422	1.30	.99	1.78	.08	1.64	1.21	1.21	.09	1A	--	238	33	2.5	
		1					31	24	43	2	40	29	29	2						
07/19/85	5050		8.9	65.1F	7.7	430	26	12	39	2.7	79	57	43	4.4	.3	.2	270	114	1.6	
1430	5064		102	18.4C	7.9	419	1.30	.99	1.70	.07	1.59	1.19	1.21	.07	2A	--	232	36	2.3	
		031					32	24	42	2	39	29	30	2						
08/22/85	5050		8.8	66.6F	7.6	440	26	12	40	1.4	80	58	45	4.0	.2	.2	282	114	1.6	
1430	5064		102	19.2C	8.1	423	1.30	.99	1.74	.04	1.60	1.21	1.27	.06		--	235	35	2.4	
		1					32	24	43	1	39	29	31	1						
73	1135.00				SANTA CLARA R A LA-VENTURA COU LI							U03E1								
11/16/84	5050		9.1	64 F	8.0	830	--	--	--	--	--	340	79	--	--	--	954	484		X
1300	5050	50E	98	18 C		1370						7.08	2.23		21A	--				
01/16/85	5050		9.8	58 F	7.8	1850	--	--	--	--	--	1370	182	--	--	--	2800	1160		EX
1320	5050	45E	98	14 C		3330						28.52	5.13		3A	--				
04/17/85	5050		11.5	71 F	8.0	1220	--	--	--	--	--	363	82	--	--	--	1010	489		E
1050	5050	30E	133	22 C		1360						7.56	2.31		5A	--				
07/17/85	5050		8.3	84 F	8.1	820	--	--	--	--	--	340	79	--	--	--	943	480		EX
1030	5053	12E	109	29 C		1330						7.08	2.23		4A	--				
76	9780.00				RIO HONDO BL WHITTIER NARROWS OM							U0545								
11/30/84	5050	1.44	10.6	62 F	7.8	400	--	--	--	--	--	252	77	--	--	--	668	333		X
1245	5050	165	109	17 C		1010						5.25	2.17		5A	--				
12/17/84	5050	2.30	9.6	53 F	7.7	108	--	--	--	--	--	26	11	--	--	--	83	46		X
0900	5050	928	89	12 C		169						.54	.31		51A	--				
01/11/85	5050	1.20	13.3	59 F	8.0	370	--	--	--	--	--	242	75	--	--	--	739	408		X
1015	5050	15E	132	15 C		1080						5.04	2.12		5A	--				
02/15/85	5050	1.47	10.8	61 F	8.0	620	--	--	--	--	--	227	71	--	--	--	651	312		X
1100	5050	184	110	16 C		948						4.73	2.00			--				
03/26/85	5050	1.54	13.8	62.0F	7.7	450	--	--	--	--	--	87	50	--	--	--	375	158		
1000	5050	380	142	16.7C		561						1.81	1.41		2A	--				
04/19/85	5050	1.60	11.1	65 F	7.8	450	--	--	--	--	--	85	49	--	--	--	369	158		
1330	5050	275	118	18 C		543						1.77	1.38		3A	--				
05/14/85	5050	1.41	12.5	74 F	8.8	500	--	--	--	--	--	88	58	--	--	--	365	176		
1350	5050	282	146	23 C		613						1.83	1.64		4A	--				

TABLE C-1 (CONTINUED)

MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. Q	DO SAT	TEMP	FIELD LABORATORY PH	FC	MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER / MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE: CA	MG	NA	K	CACO3	SO4	CL	NO3	B TURB	F SIO2	TDS SUM	TH NCH	SAR ASAR	REM
76	9730.00				RIO HONDO AL WHITTIER NARROWS DM							U0548 CONTINUED								
06/12/85	5050	1.52	9.5	78	F 7.9	900	--	--	--	--	--	37	56	--	--	--	383	162		
1015	5050	214	116	26	C	886						.77	1.58		5A	--				
07/25/85	5050	1.19	14.0	84	F 8.7	780	--	--	--	--	--	131	74	--	--	--	565	223		
0945	5050	43	181	29	C	849						2.73	2.09		24	--				
08/16/85	5050	1.05	15.5	83	F 9.9	820	--	--	--	--	--	232	84	--	--	--	615	237		
0950	5050	6.8	198	28	C	913						4.83	2.37		24	--				
09/18/85	5050	1.23	11.5	72	F 8.0	875	--	--	--	--	--	151	86	--	--	--	576	228		
1035	5050	58	132	22	C	991						3.14	2.43		1A	--				
77	1100.90				SAN GABRIEL R & WHITTIER NARROWS							U0545								
10/25/84	5050		10.3	74	F 7.9	790	--	--	--	--	--	289	123	--	--	--	892	462		X
1300	5050	20E	121	23	C	1340						6.02	3.47		24	--				
12/17/84	5050		9.4	53	F 7.7	110	--	--	--	--	--	35	9.0	--	--	--	152	64		EX
1245	5050	300E	87	12	C	190						.73	.25		1024	--				
01/11/85	5050		7.3	64	F 7.3	380	--	--	--	--	--	196	72	--	--	--	626	343		X
1100	5050	3E	77	18	C	956						4.08	2.03		14	--				
02/15/85	5050		12.0	62.0F	7.8	620	--	--	--	--	--	232	74	--	--	--	652	326		X
1130	5050	22F	124	16.7C		953						4.83	2.09			--				
03/26/85	5050		17.6	70.0F	7.8	800	--	--	--	--	--	206	71	--	--	--	690	332		
1040	5050	2E	198	21.1C		953						4.29	2.00		14	--				
04/19/85	5050		10.4	68	F 7.9	710	--	--	--	--	--	157	68	--	--	--	552	292		
1210	5050	2E	114	20	C	841						3.27	1.92		1A	--				
05/14/85	5050		17.8	D	F 9.5	600	--	--	--	--	--	129	62	--	--	--	434	224		
1415	5050	5E	59	18	C	704						2.69	1.75		1A	--				
06/12/85	5050		8.4	78	F 7.9	720	--	--	--	--	--	71	70	--	--	--	515	288		
0910	5050	4E	103	26	C	833						1.48	1.97		04	--				
07/25/85	5050		16.2	75	F 9.0	1000	--	--	--	--	--	281	124	--	--	--	779	349		
0830	5050	8E	192	24	C	1160						5.85	3.50		124	--				
08/16/85	5050		15.6	69	F 9.2	1000	--	--	--	--	--	297	135	--	--	--	820	339		
0810	5050	1E	174	21	C	1180						6.18	3.81		13A	--				
09/18/85	5050		18.4	72	F 9.5	1800	--	--	--	--	--	273	127	--	--	--	650	372		X
0920	5050	15E	211	22	C	1200						5.68	3.58		104	--				
77	1927.10				SAN GABRIEL R A AZUSA PM							U0503								
10/26/84	5050		10.6	55	F 8.0	200	48	11	10	3.4	165	19	5.0	.9	.1	.4	188	165	0.3	X
0930	5050	20E	102	13	C 8.2	394	2.40	.90	.44	.09	3.30	.40	.14	.01	04	--	196	0	0.7	
							63	23	11	2	86	10	4	0						
11/09/84	5050		10.6	55	F 8.0	200	46	12	10	3.2	162	19	5.0	1.3	.4	.4	230	164	0.3	X
1330	5050	15E	102	13	C 8.4	348	2.30	.99	.44	.08	3.24	.40	.14	.02	04	--	194	3	0.7	
							60	26	12	2	85	11	4	1						
12/15/84	5050		10.7	54	F 7.9	200	44	13	13	4.0	160	26	6.0	.9	.1	.4	238	164	0.4	X
1530	5050	17E	102	12	C 8.4	360	2.20	1.07	.57	.10	3.20	.54	.17	.01	14	--	203	4	0.9	
							56	27	14	3	82	14	4	0						
01/11/85	5050		11.0	49	F 7.4	160	44	10	10	2.9	143	23	4.0	2.7	.1	.4	205	151	0.4	X
0550	5050	33E	98	9	C 8.1	343	2.20	.82	.44	.07	2.86	.48	.11	.04	24	--	182	8	0.7	
							62	23	12	2	82	14	3	1						
02/19/85	5050		11.5	50.0F	7.9	200	46	12	10	3.0	154	24	4.0	1.6	.1	.4	216	164	0.3	X
0830	5050	40E	104	10.0C	8.3	346	2.30	.99	.44	.08	3.08	.50	.11	.03	2A	--	193	11	0.6	
							60	26	12	2	83	13	3	1						
03/26/85	5050		10.5	54.0F	8.0	325	47	11	9.0	3.0	154	23	4.0	1.1	.1	.3	159	162	0.3	
0740	5050	20E	100	12.2C	8.2	345	2.35	.90	.39	.08	3.08	.48	.11	.02	24	--	191	9	0.6	T
							63	24	10	2	83	13	3	1						
04/19/85	5050		9.5	62	F 8.0	310	46	10	8.0	2.9	150	19	3.0	1.9	.0	.3	200	156	0.3	
1110	5050	75E	100	17	C 8.1	329	2.30	.82	.35	.07	3.00	.40	.08	.03	14	--	181	6	0.5	
							65	23	10	2	85	11	2	1						
05/14/85	5050		9.3	68	F 7.8	360	61	12	10	4.7	208	19	4.0	4.0	.1	.4	311	202	0.3	E
1230	5050	.6	104	20	C 7.9	426	3.04	.99	.44	.12	4.16	.31	.11	.06	14	--	236	0	0.6	T
							66	22	10	3	90	7	2	1						
06/12/85	5050		9.5	58	F 8.4	370	48	12	12	3.6	164	29	4.0	2.1	.0	.4	252	170	0.4	
0800	5050	25E	95	14	C 8.2	363	2.40	.99	.52	.09	3.28	.52	.11	.03	14	--	205	6	0.8	
							60	25	13	2	83	13	3	1						
07/25/85	5050		9.2	73	F 8.0	340	48	14	11	4.4	168	26	4.0	1.1	.1	.4	290	178	0.4	E
0720	5050	30E	109	21	C 8.7	373	2.40	1.15	.48	.11	3.36	.54	.11	.02	74	--	209	10	0.7	T
							58	28	12	3	83	13	3	0						
08/16/85	5050		8.4	64	F 7.7		32	22	11	3.9	164	23	4.0	1.4	.0	.4	138	170	0.4	
0700	5050	33E	90	18	C 8.2	397	1.60	1.81	.48	.10	3.28	.48	.11	.02	14	--	196	7	0.7	T
							40	45	12	3	84	12	3	1						

TABLE C-1 (CONTINUED)

MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. D	DO SAT	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER / MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE CA	MG	NA	K	CACO3	SO4	CL	NO3	B TURB	F SIO2	TDS SUM	TH NCH	SAR ASAR	REM
	Z7	1927.10			SAN GABRIEL R A AZUSA PH							U0503 CONTINUED								
09/18/85	5050		9.1	65 F	7.8	195	48	12	12	4.5	162	28	4.0	.0	.1	.5	204	170	0.4	R
0805	5050	33E	99	18 C	8.2	371	2.40	.99	.52	.12	3.24	.58	.11	.00	44	--	206	R	0.8	
							60	25	13	3	82	15	3	0						
	Z7	5100.00			RIO HONDO NR MONTEBELLO							U0501								
10/25/84	5050		7.2	70 F	7.4	430	--	--	--	--	--	225	71	--	--	--	738	428		X
1345	5050	6E	81	21 C		1090						4.68	2.00		14	--				
11/30/84	5050		3.5	60 F	7.5	390	--	--	--	--	--	220	48	--	--	--	654	430		X
1145	5050	5E	35	16 C		996						4.58	1.35		2A	--				
12/17/84	5050		9.4	53 F	7.5	77	--	--	--	--	--	13	4.0	--	--	--	54	37		X
1015	5050	100E	87	12 C		113						.27	.11		17A	--				
01/11/85	5050		10.0	59 F	7.4	440	--	--	--	--	--	309	45	--	--	--	805	541		EX
1200	5050	2E	99	15 C		1130						6.43	1.27		14	--				
02/15/85	5050		4.6	63.0F	7.5	630	--	--	--	--	--	222	49	--	--	--	685	426		X
1000	5050	2E	48	17.2C		981						4.62	1.38			--				
03/26/85	5050		3.0	63.0F	7.6	900	--	--	--	--	--	252	62	--	--	--	775	450		E
0930	5050	5E	31	17.2C		1090						5.25	1.75		1A	--				
04/19/85	5050		5.3	65 F	7.5	790	--	--	--	--	--	194	52	--	--	--	658	370		E
1300	5050	4E	56	18 C		918						4.04	1.47		24	--				
05/14/85	5050		5.8	75 F	7.5	760	--	--	--	--	--	174	58	--	--	--	590	364		
1445	5050	2E	69	24 C		906						3.62	1.64		2A	--				
06/12/85	5050		2.8	76 F	7.6	900	--	--	--	--	--	86	74	--	--	--	695	412		
0940	5050	4E	33	24 C		1070						1.79	2.09		34	--				
07/25/85	5050		4.8	75 F	7.8	700	--	--	--	--	--	136	63	--	--	--	536	280		
0905	5050	3E	57	24 C		812						2.83	1.78		14	--				
08/16/85	5050		2.5	71 F	7.2	850	--	--	--	--	--	174	82	--	--	--	654	343		
0910	5050	8E	28	22 C		975						3.62	2.31		1A	--				
09/18/85	5050		3.4	65 F	7.7	700	--	--	--	--	--	130	74	--	--	--	553	280		
0955	5050	12E	36	18 C		856						2.71	2.09		1A	--				
	Z7	5920.10			EATON WA A PASADENA DIV							U05C2								
03/21/85	5050						41	13	12	2.2	138	26	7.0	7.7	.3	1.0	213	156	0.4	
	5050				8.3	351	2.05	1.07	.52	.06	2.76	.54	.20	.12	34	--	192	18	0.8	
							55	29	14	2	76	15	6	3						
	Z7	6150.00			MISSION C NR MONTEBELLO							U05A5								
01/11/85	5050		11.5	57 F	7.8	390	--	--	--	--	--	256	45	--	--	--	707	496		R
1155	5050	.9	112	14 C		1020						5.33	1.27		44	--				
02/15/85	5050		6.8	60.0F	7.7	550	--	--	--	--	--	181	35	--	--	--	497	362		X
0930	5050	1E	68	15.5C		780						3.77	.99			--				
03/26/85	5050		11.3	60.0F	7.9	1000	--	--	--	--	--	266	53	--	--	--	791	594		
0900	5050	1E	114	15.5C		1180						5.54	1.49		04	--				
04/19/85	5050		14.5	65 F	7.9	990	--	--	--	--	--	284	50	--	--	--	775	554		E
1240	5050	1E	154	18 C		1130						5.91	1.41		14	--				

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TABLE C-2
MINOR ELEMENT ANALYSES OF SURFACE WATER

Lab and Sampler Agency Code

5050	-	California Department of Water Resources

Abbreviations

TIME	-	Pacific Standard Time on a 24-hour clock
Disch	-	Instantaneous discharge in cubic feet per second (E = Estimated)
EC	-	Electrical conductance in microseimens at 25° C
TEMP	-	Water temperature at time of sampling in degrees Fahrenheit (F) or Celsius (C)
pH	-	Measure of acidity or alkalinity of water
CHROM (ALL)	-	All Chromium
CHROM (HEX)	-	Hexavalent Chromium
D	-	Dissolved
T	-	Total

TABLE C-2

MINOR ELEMENT ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAB	DISCH EC	TEMP PH	ARSENIC	CONSTITUENTS IN MILLIGRAMS PER LITER BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
	DR	1565.00		CACHUMA RES NR SANTA YNEZ			T14D0			
05/15/85	5050		66 F		--	--	0.01 D	0.00 D	0.000 T	--
1130	5050	680	9.1	0.00 D	0.00 D	--	0.06 D	--	--	0.00 D
	VQ	1620.00		MOJAVE R A LO NARS NR VICTORVILLE			V28R0			
05/14/85	5050		66 F		--	--	0.00 D	0.00 D	0.000 T	--
0925	5050	390	8.0	0.00 D	0.00 D	--	0.15 D	--	--	0.00 D
	VQ	2095.00		MOJAVE R BL FORKS RES NR HESPERIA			W28R0			
05/14/85	5050	25 F	64 F		--	--	0.00 D	0.00 D	0.000 T	--
1020	5050	280	7.9	0.00 D	0.00 D	--	0.11 D	--	--	0.01 D
	W3	1450.00		WHITEWATER R A WHITEWATER			X19D1			
05/11/85	5050	2 E	68 F		--	--	0.00 D	0.00 D	0.000 T	--
1400	5050	350	7.8	0.00 D	0.00 D	--	0.16 D	--	--	0.11 D
	Y1	1550.00		SANTA ANA R BL PRADO DM			Y01A3			
05/13/85	5050	226.8	62 F		--	--	0.01 D	0.00 D	0.000 T	--
0830	5050	950	7.5	0.00 D	0.00 D	--	1.10 D	--	--	0.03 D
	Y5	1100.00		SANTA ANA R A E ST RR NR SAN BERN			Y01E2			
05/13/85	5050	32 E	75 F		--	--	0.00 D	0.00 D	0.000 T	--
1100	5050	820	7.7	0.00 D	0.00 D	--	0.10 D	--	--	0.03 D
	Z1	5150.00		MATILIJA C A MATILIJA HOT SPR			U028D			
05/16/85	5050	16 E	67 F		--	--	0.00 D	0.00 D	0.000 T	--
0900	5050	800	7.8	0.00 D	0.00 D	--	0.07 D	--	--	0.00 D
	Z2	1300.00		SANTA PAULA C NR SANTA PAULA			U03B1			
05/16/85	5050	5 E	65 F		--	--	0.00 D	0.00 D	0.000 T	--
1000	5050	790	8.0	0.00 D	0.00 D	--	0.04 D	--	--	0.00 D
	Z2	1360.10		SANTA CLARA R NR SANTA PAULA			U03CI			
05/16/85	5050	60 E	59 F		--	--	0.01 D	0.00 D	0.000 T	--
1045	5050	1510	7.8	0.00 D	0.00 D	--	0.04 D	--	--	0.00 D
	Z2	1702.30		SANTA CLARA R A HWY 99			U03E0			
05/17/85	5050	30 E	71 F		--	--	0.02 D	0.00 D	0.000 T	--
1000	5050	950	8.0	0.00 D	0.00 D	--	1.8 D	--	--	0.03 D
	Z2	2150.00		SESPE C NR FILLMORE			UG3C1			
05/16/85	5050	15 E	74 F		--	--	0.00 D	0.00 D	0.000 T	--
1145	5050	950	7.9	0.00 D	0.00 D	--	0.04 D	--	--	0.00 D
	Z2	3240.00		PIRU C BL SANTA FELICIA DM			U030I			
05/16/85	5050	4.9	63 F		--	--	0.00 D	0.00 D	0.000 T	--
1300	5050	700	7.9	0.00 D	0.00 D	--	0.04 D	--	--	0.00 D
	Z3	1135.00		SANTA CLARA R A LA-VENTURA COV LI			L03EI			
05/16/85	5050	60 E	80 F		--	--	0.01 D	0.00 D	0.000 T	--
1340	5050	1320	7.8	0.00 D	0.00 D	--	0.8 D	--	--	0.01 D
	Z7	1927.10		SAN GABRIEL R A AZUSA PH			U05D3			
05/14/85	5050	00.0	68 F		--	--	0.00 D	0.00 D	0.000 T	--
1230	5050	360	7.8	0.00 D	0.00 D	--	0.14 D	--	--	0.00 D
	Z7	5920.10		EATON WA A PASADENA DIV			U05C2			
01/21/85	5050				--	--	0.00 D	--	--	--
				--	--	--	0.00 D	0.00 D	--	0.00 D

TABLE C-3
MISCELLANEOUS ANALYSES OF SURFACE WATER

Lab and Sampler Agency Codes

5050	–	California Department of Water Resources

Abbreviations and Constituents

TIME	–	Pacific Standard Time on a 24-hour clock
TEMP	–	Water temperature at time of sampling in degrees Fahrenheit (F) or Celcius (C)
EC	–	Electrical conductance in microseimens at 25° C
DO	–	Dissolved oxygen content in milligrams per liter
GH	–	Instantaneous gage height in feet above an established datum
pH	–	Measure of acidity or alkalinity of water: F = field determination, L = Lab determination
DISCH	–	Instantaneous discharge in cubic feet per second (E = estimated)
MBAS	–	Methylene blue active substance (a test for detergent surfactants) in milligrams per liter
DEPTH	–	Depth in feet at which sample was collected
TURB	–	Jackson Turbidity Units measured with a Hach Nephelometer, (A), if in the field, (F)
T+L	–	Tannin and lignin as tannic acid in milligrams per liter
CHLOR	–	Field determination of residual chlorine in milligrams per liter
O+G	–	Oil and grease in milligrams per liter
COLOR	–	True color in color units
SET S	–	Settleable solids in milliliters per liter (ML/L) and milligrams per liter (MG/L)
BOD	–	Biochemical oxygen demand in milligrams per liter: B = 5 days
SUS S	–	Suspended solids in milligrams per liter; 5 = at 105 degrees C
COD	–	Chemical oxygen demand in milligrams per liter
V SUS S	–	Volatile suspended solids in milligrams per liter
CYANIDE	–	Cyanide in milligrams per liter
PHENOLS	–	Phenols in milligrams per liter
TOC	–	Total organic carbon in milligrams per liter
DOC	–	Dissolved organic carbon in milligrams per liter
IODIDE	–	Iodide in milligrams per liter
T ODOR	–	Threshold odor number at 60 degrees C
BROMIDE	–	Bromide in milligrams per liter
SULFITE	–	Sulfite in milligrams per liter
T SULF	–	Total sulfides in milligrams per liter
D SULF	–	Dissolved sulfides in milligrams per liter
CC EXT	–	Carbon chloroform extract
CA EXT	–	Carbon alcohol extract

TABLE C-3

MISCELLANEOUS ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	DO G.N.	F-PH L-PH	DISCH MGAS	DEPTH TURB	T+L CHLOR	D+G COLOR	SET 3 ML/L MG/L	BOD SUS S	COD W SUS S	CYANIDE PHENOLS	TOC DOC	IODIDE T ODOR	BROMIDE SULFITE	T SULF O SULF	CC EXT CA EXT
		D6 2100.00			SISQUOC R NR GAREY						T12B0						
02/12/85 1030	5030	66.0F 700	12.8	8.0	0.5 --		-- --	-- --	-- --	0.4 R --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
		D6 3050.00			CUYAMA R BL TWITCHELL DM						T1200						
11/13/84 0700	5030	1230	9.9	7.9	8 E --		-- --	-- --	-- --	1.0 B --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
01/14/85 1850	5030 5030	56 F 1380	10.8	7.8	2 E --		-- --	-- --	-- --	0.6 B --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
04/15/85 1300	5050	77 F 1850	8.8	8.0	2.5 --		-- --	-- --	-- --	0.8 B --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
		D6 4150.00			HUASNA R NR ARROYO GRANDE												
10/30/84 1130	5050	66 F 380	8.8	7.3	1 E --		-- --	-- --	-- --	0.6 B --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
02/11/85 1750	5050	58.0F 600	10.1	7.5	2.5 --		-- --	-- --	-- --	0.5 R --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
		D8 1440.00			SANTA YNEZ R A SOLVANG						T14C0						
11/13/84 0900	5050	64 F 400	8.6 0.79	7.6	15 E --		-- --	-- --	-- --	0.7 B --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
01/15/85 0945	5050 5050	5.4F 350	11.6 0.68	8.0	2 E --		-- --	-- --	-- --	0.4 R --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
01/16/85 0945	5050 5050	5.4F 350	11.6 0.68	8.0	2 E --		-- --	-- --	-- --	0.4 R --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
		V9 1620.00			MOJAVE R A LO NARS NR VICTORVILLE						W2B80						
11/14/84 0900	5050	33 F 200	9.8 3.31	7.9	--		-- --	-- --	-- --	0.6 B --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
01/08/85 1245	5050 5050	57 F 222	6.5 3.43	8.0	30 E 0.00 L		-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
04/18/85 1000	5050	62 F 365	8.9 3.78	8.0	--		-- --	-- --	-- --	0.4 R --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
07/18/85 0705	5050 5050	74 F 330	8.2 3.29	7.5	0.02 L		-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
		W3 1070.00			WHITE WATER R NR MECCA						X1901						
12/10/84 0840	5050 5050	63 1400	8.2	7.8	50 E --		-- --	-- --	-- --	1.1 B --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
06/07/85 1410	5050 5050	85 F 2000	7.0	8.2	85 E --		-- --	-- --	-- --	0.8 R --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
09/12/85 1000	5050	73 F 2100		7.8	168 E --		-- --	-- --	-- --	1.1 B --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
		X2 1350.00			SANTA MARGARITA R NR FALLBROOK						Z0281						
12/11/84 1315	5050 5050	60 420	8.8	7.7	150 E --		-- --	-- --	-- --	3.1 B --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
03/18/85 1115	5050	59.0F 1130	8.9	8.0	15 E --		-- --	-- --	-- --	1.9 R --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
06/04/85 1300	5050 5050	70 F 1100	9.0	8.2	3 E --		-- --	-- --	-- --	0.8 B --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
09/10/85 0930	5050	66 F 980	9.2	7.8	6 E --		-- --	-- --	-- --	0.3 B --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
		X4 1200.00			SAN DIEGUITO R A HODGES LK						Z04F1						
02/19/85 1030	5050	720	11.0	7.8	5.0 --		-- --	-- --	-- --	0.9 B --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
		X4 3400.05			ESCONDIDO C NEAR HARMONY GROVE						Z04F2						
12/11/84 1115	5050 5050	37 F 190	9.3	7.4	125 E 0.12 L		-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
03/18/85 1315	5050 5050	69.0F 1780	12.3	8.5	7 E 0.04 S		-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
06/04/85 1400	5050 5050	66 F 1750	10.0	8.3	4 E 0.11 L		-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
09/10/85 1045	5050 5050	66 F 1300	9.4	7.8	5 E 0.09 L		-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
		Y5 1230.30			SAN DIEGO R A OLD MISSION DM						Z0742						
12/11/84 0900	5050 5050	57 290	8.4	7.5	400 E --		-- --	-- --	-- --	3.3 R --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
03/18/85 1430	5050	63.0F 1800	11.1	8.0	7 E --		-- --	-- --	-- --	1.4 R --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
06/04/85 1605	5050 5050	74 F 2300	9.0	8.0	10 E --		-- --	-- --	-- --	2.6 B --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
09/10/85 1200	5050	71 F 1900	7.3	7.8	3 E --		-- --	-- --	-- --	0.7 R --	-- --	-- --	-- --	-- --	-- --	-- --	-- --

TABLE C-3 (CONTINUED)

MISCELLANEOUS ANALYSES OF SURFACE WATER

SET S

DATE TIME	SAMP LAB	TEMP EC	DO G.N.	F-PH L-PH	DISCH MGAS	DEPTH TURB	T+L CHLOR	O+G COLOR	PL/L MG/L	BOD SUS S	COD V SUS S	CYANIDE PHENOLS	TOC DOC	IODIDE T ODOR	BROMIDE SULFITE	T SULF D SULF	CC EXT CA EXT
		X6 1450.00			SWEETWATER R A LOWEL DM NR ALPINE						Z0981						
02/19/85	5050	62.0F	11.9	8.0			--	--	--	0.9 R	--	--	--	--	--	--	--
1430		400			--		--	--	--	--	--	--	--	--	--	--	--
		X7 1300.00			OTAY R A SAVAGE DM						Z1080						
02/20/85	5050	59.0F		8.0			--	--	--	1.3 R	--	--	--	--	--	--	--
1030		470			--		--	--	--	--	--	--	--	--	--	--	--
		X8 1200.20			TIA JUANA R A INT BOUNDARY						Z1141						
10/31/84	5050	70 F	3.1	7.6	1 E		--	--	--	10.7 R	--	--	--	--	--	--	--
0900		1350			--		--	--	--	--	--	--	--	--	--	--	--
02/20/85	5050	62.0F	6.6	7.8	3 E		--	--	--	1.0 R	--	--	--	--	--	--	--
1215		830			--		--	--	--	--	--	--	--	--	--	--	--
		Y1 1550.00			SANTA ANA R RL PRADO DM						Y01A3						
10/25/84	5050	66 F	8.6	7.7	160.0		--	--	--	--	--	--	--	--	--	--	--
1530	5050	450	2.70		0.09 L		--	--	--	53.2 5	--	--	--	--	--	--	--
11/08/84	5050	63 F	7.8	7.7			--	--	--	--	--	--	--	--	--	--	--
1700	5050	380			0.18 L		--	--	--	--	--	--	--	--	--	--	--
12/16/84	5050	50 F	9.7	7.8	416.3		--	--	--	--	--	--	--	--	--	--	--
1400	5050	358	3.62		0.13 L		--	--	--	19.4 5	--	--	--	--	--	--	--
01/10/85	5050	56 F	9.4	7.4	310 E		--	--	--	--	--	--	--	--	--	--	--
0900	5050	365	3.41		0.06 L		--	--	--	27.8 5	--	--	--	--	--	--	--
02/14/85	5050	60 F	11.2	7.7	511.0		--	--	--	--	--	--	--	--	--	--	--
0830	5050	650	3.68		0.10 L		--	--	--	14.2 5	--	--	--	--	--	--	--
03/25/85	5050	58.0F	9.8	7.8	272.8		--	--	--	--	--	--	--	--	--	--	--
0930	5050	915	3.08		0.10 L		--	--	--	35.6 5	--	--	--	--	--	--	--
04/19/85	5050	63 F	8.7	7.8	241.9		--	--	--	--	--	--	--	--	--	--	--
1000	5050	950	2.99		0.05 L		--	--	--	57.2 5	--	--	--	--	--	--	--
05/13/85	5050	62 F	9.0	7.5	226.8		--	--	--	--	--	--	--	--	--	--	--
0830	5050	950	2.94		0.03 L		--	--	--	45.0 5	--	--	--	--	--	--	--
06/11/85	5050	68 F	7.8	8.0	274.8		--	--	--	--	--	--	--	--	--	--	--
0825	5050	940	2.76		0.04 L		--	--	--	38.8 5	--	--	--	--	--	--	--
07/24/85	5050	74 F	8.5	7.0	143.8		--	--	--	--	--	--	--	--	--	--	--
0805	5050	940	2.68		0.06 L		--	--	--	94.9 5	--	--	--	--	--	--	--
08/15/85	5050	66 F	7.8	7.3	129.5		--	--	--	--	--	--	--	--	--	--	--
0800	5050	775	2.61		0.06 L		--	--	--	69.5 5	--	--	--	--	--	--	--
09/17/85	5050	67 F		7.3	148.1		--	--	--	--	--	--	--	--	--	--	--
0915	5050	950	2.70		0.06 L		--	--	--	137.0 5	--	--	--	--	--	--	--
		Y5 1100.00			SANTA ANA R A E ST BR NR SAN BERN						Y01E2						
10/26/84	5050	73 F	7.9	7.3	70 E		--	--	--	--	--	--	--	--	--	--	--
0800	5050	390			0.56 L		--	--	--	--	--	--	--	--	--	--	--
11/09/84	5050	75 F	8.1	7.2	70 E		--	--	--	--	--	--	--	--	--	--	--
0930	5050	390			0.20 L		--	--	--	--	--	--	--	--	--	--	--
12/16/84	5050	66 F	7.5	7.5	70 E		--	--	--	--	--	--	--	--	--	--	--
0900	5050	470			0.71 L		--	--	--	--	--	--	--	--	--	--	--
01/10/85	5050	67 F	9.0	7.4	75.0		--	--	--	--	--	--	--	--	--	--	--
1445	5050	390			0.10 L		--	--	--	--	--	--	--	--	--	--	--
02/14/85	5050	68 F	9.0	7.3	60 E		--	--	--	--	--	--	--	--	--	--	--
1115	5050	610			0.42 L		--	--	--	--	--	--	--	--	--	--	--
03/25/85	5050	69.0F	8.8	7.7	042 E		--	--	--	--	--	--	--	--	--	--	--
1150	5050	810			0.26 L		--	--	--	--	--	--	--	--	--	--	--
04/18/85	5050	71 F	8.1	7.3	35 E		--	--	--	--	--	--	--	--	--	--	--
1530	5050	850			0.14 L		--	--	--	--	--	--	--	--	--	--	--
05/13/85	5050	75 F	7.4	7.7	32 E		--	--	--	--	--	--	--	--	--	--	--
1100	5050	820			0.12 L		--	--	--	--	--	--	--	--	--	--	--
06/11/85	5050	79 F	8.2	7.5	35 E		--	--	--	--	--	--	--	--	--	--	--
1045	5050	900			0.28 L		--	--	--	--	--	--	--	--	--	--	--
07/24/85	5050	84 F	9.5	7.0	30 E		--	--	--	--	--	--	--	--	--	--	--
1205	5050	830			0.15 L		--	--	--	--	--	--	--	--	--	--	--
08/15/85	5050	83 F	7.6	7.2	25 E		--	--	--	--	--	--	--	--	--	--	--
1030	5050	820			0.15 L		--	--	--	--	--	--	--	--	--	--	--
09/17/85	5050	84 F	8.4	7.3	60 E		--	--	--	--	--	--	--	--	--	--	--
1145	5050	850			0.20 L		--	--	--	--	--	--	--	--	--	--	--
		Y6 1225.00			SANTA ANA R A HAMMER AV NR CORONA						Y01B5						
11/09/84	5050	64 F	6.4	7.4	80 E		--	--	--	--	--	--	--	--	--	--	--
1200	5050	450			0.10 L		--	--	--	--	--	--	--	--	--	--	--
01/10/85	5050	58 F	7.6	7.4	200 E		--	--	--	--	--	--	--	--	--	--	--
1100	5050	400			0.06 L		--	--	--	--	--	--	--	--	--	--	--
04/19/85	5050	63 F	7.8	7.8	45 E		--	--	--	--	--	--	--	--	--	--	--
0915	5050	1000			0.08 L		--	--	--	--	--	--	--	--	--	--	--
07/24/85	5050	74 F		7.3	60 E		--	--	--	--	--	--	--	--	--	--	--
1000	5050	800			0.08 L		--	--	--	--	--	--	--	--	--	--	--

TABLE C-3 (CONTINUED)

MISCELLANEOUS ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	DO G.H.	F-PH L-PH	DISCH MGAS	DEPTH TURB	T+L CHLOR	O+G COLOR	SET S ML/L MG/L	BOD SUS S	COD V SUS S	CYANIDE PHENOLS	TOC DOC	IODIDE T DOOR	BROMIDE SULFITE	T SULF D SULF	CC EXT CA EXT
	Y6	1410.00			SANTA ANA R A MWD XING NR ARLIN						Y0186						
10/25/84	5050	67 F	8.0	7.9	70 E		--	--	--	--	--	--	--	--	--	--	--
1700	5050	420			0.04 L		--	--	--	--	--	--	--	--	--	--	--
11/09/84	5050	66 F	8.2	8.0	60 E		--	--	--	--	--	--	--	--	--	--	--
1100	5050	390			0.06 L		--	--	--	--	--	--	--	--	--	--	--
12/16/84	5050	58 F	8.2	8.0	80 E		--	--	--	--	--	--	--	--	--	--	--
1100	5050	380			0.10 L		--	--	--	--	--	--	--	--	--	--	--
01/10/85	5050	63 F	9.1	7.3	120 E		--	--	--	--	--	--	--	--	--	--	--
1220	5050	365			0.02 L		--	--	--	--	--	--	--	--	--	--	--
02/14/85	5050	61 F	12.0	7.7	70 E		--	--	--	--	--	--	--	--	--	--	--
1000	5050	630			0.12 L		--	--	--	--	--	--	--	--	--	--	--
03/25/85	5050	66.0F	7.5	7.8	45 E		--	--	--	--	--	--	--	--	--	--	--
1045	5050	870			0.08 L		--	--	--	--	--	--	--	--	--	--	--
04/19/85	5050	63 F	7.8	7.7	40 E		--	--	--	--	--	--	--	--	--	--	--
0830	5050	850			0.06 L		--	--	--	--	--	--	--	--	--	--	--
05/13/85	5050	69 F	7.4	8.0	25 E		--	--	--	--	--	--	--	--	--	--	--
1000	5050	930			0.07 L		--	--	--	--	--	--	--	--	--	--	--
06/11/85	5050	76 F	6.4	8.0	110 E		--	--	--	--	--	--	--	--	--	--	--
0940	5050	900			0.05 L		--	--	--	--	--	--	--	--	--	--	--
07/24/85	5050	75 F			90 E		--	--	--	--	--	--	--	--	--	--	--
1100	5050	900			0.07 L		--	--	--	--	--	--	--	--	--	--	--
08/15/85	5050	73 F	6.6	7.8	45 E		--	--	--	--	--	--	--	--	--	--	--
0930	5050	750			0.08 L		--	--	--	--	--	--	--	--	--	--	--
09/17/85	5050	72 F	5.8	7.4	45 E		--	--	--	--	--	--	--	--	--	--	--
1045	5050	850			0.02 L		--	--	--	--	--	--	--	--	--	--	--
	Y7	1145.00			SAN TIMOTEO C WT AV NR SAN BERNAR						Y01E2						
11/09/84	5050	5.6F	10.1	7.9	2 E		--	--	--	--	--	--	--	--	--	--	--
0845	5050	210			0.02 L		--	--	--	--	--	--	--	--	--	--	--
01/10/85	5050	59 F	5.7	7.3	2		--	--	--	--	--	--	--	--	--	--	--
1400	5050	350			0.01 L		--	--	--	--	--	--	--	--	--	--	--
04/18/85	5050	60 F	10.1	8.5	1 E		--	--	--	--	--	--	--	--	--	--	--
1500	5050	465			0.02 L		--	--	--	--	--	--	--	--	--	--	--
07/18/85	5050	85 F	8.5	8.3	5 E		--	--	--	--	--	--	--	--	--	--	--
1300	5050	480			0.02 L		--	--	--	--	--	--	--	--	--	--	--
	Y9	1450.00			SAN JACINTO R NR SAN JACINTO						Y02B1						
02/13/85	5050	60 F	10.5	7.5	2 E		--	--	--	0.9 B	--	--	--	--	--	--	--
1200		170			--		--	--	--	--	--	--	--	--	--	--	--
	Z1	1100.00			VENTURA R NR VENTURA						U0280						
01/15/85	5050	59 F	11.3	8.0	2 E		--	--	--	0.2 B	--	--	--	--	--	--	--
1340	5050	410	2.19		--		--	--	--	--	--	--	--	--	--	--	--
04/16/85	5050	64 F	8.5	7.5	6 E		--	--	--	0.2 B	--	--	--	--	--	--	--
1215		850	2.01		--		--	--	--	--	--	--	--	--	--	--	--
	Z7	1100.90			SAN GABRIEL R A WHITTIER NARROWS						U05A5						
10/24/84	5050	74 F			25 E		--	--	--	4.5 B	--	--	--	--	--	--	--
1315	5050				--		--	--	--	--	--	--	--	--	--	--	--
08/16/85	5050	69 F	15.6	9.2	1 E		--	--	--	38.0 B	--	--	--	--	--	--	--
0810		1000			--		--	--	--	--	--	--	--	--	--	--	--
09/18/85	5050	72 F	18.4	9.5	15 E		--	--	--	14.0 B	--	--	--	--	--	--	--
0920		1800			--		--	--	--	--	--	--	--	--	--	--	--
	Z7	5100.00			RIO HONDO NR MONTERELLO						U0501						
10/24/84	5050	75 F			7 E		--	--	--	2.9 B	--	--	--	--	--	--	--
1330					--		--	--	--	--	--	--	--	--	--	--	--
04/19/85	5050	65 F	5.3	7.5	4.0		--	--	--	4.3 B	--	--	--	--	--	--	--
1300		790			--		--	--	--	--	--	--	--	--	--	--	--
08/16/85	5050	71 F	2.5	7.2	8 E		--	--	--	5.0 B	--	--	--	--	--	--	--
0910	5050	850			--		--	--	--	--	--	--	--	--	--	--	--
09/18/85	5050	65 F	3.4	7.7	12 E		--	--	--	6.6 B	--	--	--	--	--	--	--
0958		700			--		--	--	--	--	--	--	--	--	--	--	--

TABLE C-4
NUTRIENT ANALYSES OF SURFACE WATER

Lab and Sampler Agency Code

5050	-	California Department of Water Resources
5064	-	California Department of Water Resources, Castaic Laboratory

Abbreviations

TIME	-	Pacific Standard Time on a 24-hour clock
GH	-	Instantaneous gage height, in feet, above an established datum
Q	-	Instantaneous discharge in cubic feet per second
TEMP	-	Water temperature at time of sampling in degrees Fahrenheit (F) or Celsius (C)
Depth	-	Depth, in feet, when measurement was taken
F EC	-	Field determination of electrical conductance in microseimens at 25°C
F PH	-	Field determination of acidity or alkalinity
TURB	-	Jackson Turbidity Units measured with a Hach Nephelometer, (A), if in the field, (F)
F-C02	-	Field determination of carbon dioxide in milligrams per liter
P ALK	-	Field determination of alkalinity (Phenol)
T ALK	-	Field determination of alkalinity (Total)

(Nitrogen Series as N)

D N02+N03	-	Dissolved nitrite and nitrate
D N02	-	Dissolved nitrite
D NO3	-	Dissolved nitrate
D ORG N	-	Dissolved organic nitrogen
T ORG N	-	Total organic nitrogen
D NH 3	-	Dissolved ammonia
T NH 3	-	Total ammonia
T (NH3+ORG N)	-	Total ammonia plus organic nitrogen

(Phosphorus Series as P)

DIS.A.H.P04	-	Dissolved acid hydrolyzable phosphate
D O-P04	-	Dissolved orthophosphate
T O-P04	-	Total orthophosphate
D TOT P	-	Dissolved total phosphorus
T TOT P	-	Total phosphorus

TABLE C-4

NUTRIENT ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAB	G.H. O	TEMP DEPTH	F EC F PH	TURB F CO2	FIELD P ALK T ALK	D NO2 + NO3	D NO2 D NO3	CONSTITUENTS IN MILLIGRAMS PER LITER D ORG N T ORG N	D NH3 T NH3	T NH3 + ORG N	DIS A.H.PO4	D O-PO4 T O-PO4	D TOT P T TOT P
	06	3050.00		CUYAMA R AL TWITCHELL DM						T1200				
11/13/84	5050		57 F	1250			--	0.002	--	--		--	0.02	--
0700		8 E		7.9				0.27	--	--	--		--	--
01/14/85	5050		56 F	1380			--	0.024	--	--		--	0.00	--
1650	5050	2 E		7.8				0.14	--	--	--		--	--
04/15/85	5050		77 F	1850			--	0.000	--	--		--	0.00	--
1300		2.5		8.0				0.00	--	--	--		--	--
	06	4150.00		HUASNA R NR ARROYO GRANDE										
10/30/84	5050		66 F	380			--	0.005	--	--		--	0.74	--
1130		1 E		7.3				0.68	--	--	--		--	--
02/11/85	5050		58.0F	600			--	0.004	--	--		--	0.32	--
1750	5050	2.5		7.5				0.27	--	--	--		--	--
	08	1440.00		SANTA YNEZ R A SOLVANG						T1400				
11/13/84	5050	0.79	64 F	400			--	0.002	--	--		--	0.05	--
0900		15 E		7.8				0.16	--	--	--		--	--
01/15/85	5050	0.68	54 F	350			--	0.003	--	--		--	0.00	--
0945	5050	2 E		8.0				0.09	--	--	--		--	--
	V9	1620.00		MOJAVE R A LO WARS NR VICTORVILLE						W2880				
11/14/84	5050	3.31	53 F	200			--	0.019	--	--		--	0.10	--
0900				7.9				1.44	--	--	--		--	--
01/08/85	5050	3.43	57 F	222			--	--	--	--		--	0.12	--
1245	5050	30 E		8.0				--	--	--	--		--	--
04/18/85	5050	3.78	62 F	365			--	0.030	--	--		--	0.10	--
1000	5050			8.0				1.31	--	--	--		--	--
07/18/85	5050	3.29	74 F	330			--	--	--	--		--	0.15	--
0705	5050			7.5				--	--	--	--		--	--
	W3	1070.00		WHITE WATER R NR MECCA						Y1901				
12/10/84	5050		63	1400			--	0.100	--	--		--	0.53	--
0840	5050	50 E		7.8				11.51	--	--	--		--	--
06/07/85	5050		85 F	2000			--	0.080	--	--		--	0.51	--
1410	5050	85 E		8.2				9.07	--	--	--		--	--
09/12/85	5050		73 F	2100			--	0.115	--	--		--	0.81	--
1000		168 E		7.8				8.58	--	--	--		--	--
	X2	1350.00		SANTA MARGARITA R NR FALLBROOK						Z0281				
12/11/84	5050		60	420			--	0.090	--	--		--	1.26	--
1315	5050	150 E		7.7				6.77	--	--	--		--	--
03/18/85	5050		59.0F	1150			--	0.240	--	--		--	1.03	--
1115		15 E		8.0				8.26	--	--	--		--	--
06/04/85	5050		70 F	1100			--	0.008	--	--		--	1.47	--
1300	5050	3 E		8.2				6.64	--	--	--		--	--
09/10/85	5050		66 F	980			--	0.010	--	--		--	2.91	--
0930		6 E		7.8				12.87	--	--	--		--	--
	X4	1200.00		SAN DIEGUITO R A HODGES LK						Z04F1				
02/19/85	5050		59.0F	720			--	0.004	--	--		--	0.02	--
1030		5.0		7.8				0.68	--	--	--		--	--
	X4	3400.05		ESCONDIDO C NEAR HARMONY GROVE						Z04F2				
12/11/84	5050		57 F	190			--	--	--	--		--	0.32	--
1115	5050	125 E		7.4				--	--	--	--		--	--
03/18/85	5050		69.0F	1780			--	--	--	--		--	0.08	--
1315	5050	7 F		8.5				--	--	--	--		--	--
06/04/85	5050		66 F	1750			--	--	--	--		--	0.16	--
1400	5050	4 E		8.3				--	--	--	--		--	--
09/10/85	5050		66 F	1300			--	--	--	--		--	0.17	--
1045	5050	5 E		7.8				--	--	--	--		--	--
	X5	1230.30		SAN DIEGO R A OLD MISSION DM						Z07A2				
12/11/84	5050		57	290			--	0.018	--	--		--	0.16	--
0900	5050	400 E		7.5				0.66	--	--	--		--	--
03/18/85	5050		63.0F	1800			--	0.030	--	--		--	0.09	--
1450		7 E		8.0				0.68	--	--	--		--	--
06/04/85	5050		76 F	2300			--	0.005	--	--		--	0.13	--
1605	5050	10 F		8.0				0.50	--	--	--		--	--
09/10/85	5050		71 F	1900			--	0.010	--	--		--	0.21	--
1200		3 E		7.8				0.27	--	--	--		--	--
	X6	1450.00		SWEETWATER R A LOVEL DM NR ALPINE						Z0981				
02/19/85	5050		62.0F	400			--	0.000	--	--		--	0.40	--
1430	5050			8.0				0.14	--	--	--		--	--

TABLE C-4 (CONTINUED)

NUTRIENT ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAB	G.H. O	TEMP DEPTH	F EC F PH	TURB F CO2	FIELD P ALK 7 ALK	D NO2 + NO3	D NO2 D NO3	CONSTITUENTS IN MILLIGRAMS PER LITER D ORG N T ORG N	D NH3 T NH3	T NH3 + ORG N	DIS A.H.PO4	D O-PO4 T O-PO4	D TOT P T TOT P
		X7 1300.00		OTAY R A SAVAGE DM						Z1080				
10/31/84	5050		75 F	300			--	0.011	--	--		--	0.04	--
0930	5050			7.4				0.74	--	--	--		--	--
02/20/85	5050		59.0F	470			--	0.013	--	--		--	0.01	--
1030				8.0				0.27	--	--	--		--	--
		X8 1200.20		TIA JUANA R A INT BOUNDARY						Z1141				
10/31/84	5050		70 F	1350			--	0.275	--	--		--	0.65	--
0900		1 E		7.6				10.29	--	--	--		--	--
02/20/85	5050		62.0F	830			--	0.004	--	--		--	0.10	--
1215		3 F		7.8				0.68	--	--	--		--	--
		Y1 1550.00		SANTA ANA R BL PRADO DM						Y0143				
10/25/84	5050	2.70	66 F	450			--	--	--	--		--	2.32	--
1530	5050	160.0		7.7				--	--	--	--		--	--
11/08/84	5050		63 F	380			--	--	--	--		--	1.80	--
1700	5050			7.7				--	--	--	--		--	--
12/16/84	5050	3.62	50 F	358			--	--	--	--		--	1.60	--
1400	5050	416.3		7.8				--	--	--	--		--	--
01/10/85	5050	3.41	56 F	365			--	--	--	--		--	1.96	--
0900	5050	310 E		7.4				--	--	--	--		--	--
02/14/85	5050	3.68	60 F	650			--	--	--	--		--	1.27	--
0830	5050	511.0		7.7				--	--	--	--		--	--
03/25/85	5050	3.08	58.0F	915			--	--	--	--		--	2.99	--
0930	5050	272.8		7.8				--	--	--	--		--	--
04/19/85	5050	2.99	63 F	950			--	--	--	--		--	2.94	--
1000	5050	241.9		7.8				--	--	--	--		--	--
05/13/85	5050	2.94	62 F	950			--	--	--	--		--	2.83	--
0830	5050	226.6		7.5				--	--	--	--		--	--
06/11/85	5050	2.76	68 F	940			--	--	--	--		--	2.60	--
0825	5050	274.8		8.0				--	--	--	--		--	--
07/24/85	5050	2.68	74 F	940			--	--	--	--		--	2.16	--
0605	5050	143.8		7.0				--	--	--	--		--	--
08/15/85	5050	2.61	66 F	775			--	--	--	--		--	2.01	--
0800	5050	129.5		7.3				--	--	--	--		--	--
09/17/85	5050	2.70	67 F	950			--	--	--	--		--	2.68	--
0915	5050	148.1		7.3				--	--	--	--		--	--
		Y5 1100.00		SANTA ANA R A E ST BR NR SAN BERN						Y01E2				
10/26/84	5050		73 F	390			--	--	--	--		--	3.69	--
0800	5050	70 E		7.3				--	--	--	--		--	--
11/09/84	5050		75 F	390			--	--	--	--		--	4.12	--
0930	5050	70 E		7.2				--	--	--	--		--	--
12/16/84	5050		66 F	470			--	--	--	--		--	2.29	--
0900	5050	70 E		7.5				--	--	--	--		--	--
01/10/85	5050		67 F	390			--	--	--	--		--	1.31	--
1445	5050	75		7.4				--	--	--	--		--	--
02/14/85	5050		68 F	610			--	--	--	--		--	1.96	--
1115	5050	60 F		7.3				--	--	--	--		--	--
03/25/85	5050		69.0F	810			--	--	--	--		--	1.96	--
1150	5050	42 E		7.7				--	--	--	--		--	--
04/18/85	5050		71 F	850			--	--	--	--		--	3.19	--
1530	5050	35 E		7.3				--	--	--	--		--	--
05/13/85	5050		75 F	820			--	--	--	--		--	2.58	--
1100	5050	32 F		7.7				--	--	--	--		--	--
06/11/85	5050		79 F	900			--	--	--	--		--	10.29	--
1045	5050	35 E		7.5				--	--	--	--		--	--
07/24/85	5050		84 F	830			--	--	--	--		--	3.50	--
1205	5050	30 E		7.0				--	--	--	--		--	--
08/15/85	5050		83 F	820			--	--	--	--		--	2.12	--
1030	5050	25 F		7.2				--	--	--	--		--	--
09/17/85	5050		84 F	850			--	--	--	--		--	2.84	--
1145	5050	60 E		7.3				--	--	--	--		--	--
		Y6 1225.00		SANTA ANA R A HAMMER AV NR CORONA						Y0185				
11/09/84	5050		64 F	450			--	--	--	--		--	1.63	--
1200	5050	80 F		7.4				--	--	--	--		--	--
01/10/85	5050		58 F	400			--	--	--	--		--	1.55	--
1100	5050	200 F		7.4				--	--	--	--		--	--
04/19/85	5050		63 F	1000			--	--	--	--		--	2.12	--
0915	5050	45 F		7.8				--	--	--	--		--	--
07/24/85	5050		74 F	800			--	--	--	--		--	2.94	--
1000	5050	60 E		7.3				--	--	--	--		--	--

TABLE C-4 (CONTINUED)

NUTRIENT ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAB	G.N. Q	TEMP DEPTH	F EC F PH	THRB F CO2	FIELD P ALK T ALK	D NO2 + NO3	D NO2 D NO3	CONSTITUENTS IN MILLIGRAMS PER LITER O ORG N T ORG N	O NH3 T NH3	T NH3 + ORG N	DIS A.H.PO4	D O-PO4 T O-PO4	D TOT P T TOT P
	Y6	1410.00		SANTA ANA R A NWD XING NR ARLIN						Y01R6				
10/25/84	5050		67 F	420			--	--	--	--		--	1.18	--
1700	5050	70 E		7.9				--	--	--	--		--	--
11/09/84	5050		66 F	390			--	--	--	--		--	1.27	--
1100	5050	60 E		8.0				--	--	--	--		--	--
12/16/84	5050		58 F	380			--	--	--	--		--	1.24	--
1100	5050	80 E		8.0				--	--	--	--		--	--
01/10/85	5050		63 F	365			--	--	--	--		--	0.95	--
1220	5050	120 E		7.3				--	--	--	--		--	--
02/14/85	5050		61 F	630			--	--	--	--		--	1.70	--
1000	5050	70 E		7.7				--	--	--	--		--	--
03/25/85	5050		66.0F	870			--	--	--	--		--	1.05	--
1045	5050	45 E		7.8				--	--	--	--		--	--
04/19/85	5050		63 F	850			--	--	--	--		--	1.50	--
0830	5050	40 E		7.7				--	--	--	--		--	--
05/11/85	5050		69 F	930			--	--	--	--		--	1.23	--
1000	5050	25 E		8.0				--	--	--	--		--	--
06/11/85	5050		76 F	900			--	--	--	--		--	1.98	--
0940	5050	110 E		8.0				--	--	--	--		--	--
07/24/85	5050		75 F	900			--	--	--	--		--	2.21	--
1100	5050	90 E						--	--	--	--		--	--
08/15/85	5050		73 F	750			--	--	--	--		--	1.56	--
0930	5050	45 E		7.8				--	--	--	--		--	--
09/17/85	5050		72 F	850			--	--	--	--		--	2.19	--
1045	5050	45 E		7.4				--	--	--	--		--	--
	Y7	1145.00		SAN TIMOTEO C WT AV NR SAN BERNAR						Y01E2				
11/09/84	5050		56 F	210			--	--	--	--		--	0.06	--
0845	5050	2 E		7.9				--	--	--	--		--	--
01/10/85	5050		59 F	350			--	--	--	--		--	0.13	--
1400	5050	2		7.3				--	--	--	--		--	--
04/18/85	5050		60 F	465			--	--	--	--		--	0.08	--
1500	5050	1 E		8.5				--	--	--	--		--	--
07/18/85	5050		85 F	480			--	--	--	--		--	0.02	--
1300	5050	5 E		8.3				--	--	--	--		--	--
	Y9	1450.00		SAN JACINTO R NR SAN JACINTO						Y02B1				
02/13/85	5050		60 F	170			--	0.001	--	--		--	0.07	--
1200		2 E		7.5				0.27	--	--	--		--	--
	71	1100.00		VENTURA R NR VENTURA						U02R0				
01/15/85	5050	2.19	59 F	410			--	0.004	--	--		--	0.00	--
1340	5050	2 E		8.0				1.38	--	--	--		--	--
04/16/85	5050	2.01	64 F	850			--	0.004	--	--		--	0.00	--
1215		6 E		7.5				1.04	--	--	--		--	--
	72	3760.00		PIRU C RELEASE FROM PYRAMID DM						U0302				
10/18/84	5050		18.7C	325			--	0.000	--	--		0.01	0.02	--
0830	5064		1	8.3				0.34	0.21	0.0	0.21		--	0.03
11/15/84	5050		16.1C	430			--	0.000	--	--		0.01	0.02	--
1015	5064		1	8.2				0.32	0.52	0.0	0.52		--	0.04
12/28/84	5050		10.9C	381			--	0.000	--	--		0.00	0.05	--
1350	5064		1	7.9				0.50	0.69	0.0	0.69		--	0.07
01/17/85	5050		9.8C	400			--	0.003	--	--		0.00	0.06	--
1100			1	8.6				0.50	0.64	0.0	0.64		--	0.09
02/21/85	5050		9.6C	400			--	0.003	--	--		0.00	0.07	--
1100	5064		1	8.0				0.68	0.87	0.0	0.87		--	0.08
03/21/85	5050		9.7C	395			--	0.004	--	--		0.01	0.07	--
1115	5064		1	8.0				0.81	0.23	0.0	0.23		--	0.16
04/16/85	5050		10.3C	450			--	0.000	--	--		0.00	0.06	--
1130	5064		1	7.6				0.81	0.77	0.0	0.77		--	0.09
05/16/85	5050		12.2C	400			--	0.001	--	--		0.01	0.08	--
1100	5064		1	7.8				0.50	1.04	0.0	1.04		--	0.09
06/19/85	5050		17.2C	430			--	0.001	--	--		0.01	0.08	--
0705	5064		1	7.8				0.95	0.76	0.0	0.76		--	0.10
07/19/85	5050		18.4C	430			--	0.000	--	--		0.00	0.07	--
1430	5064		1	7.7				0.97	0.26	0.0	0.26		--	0.08
08/22/85	5050		19.2C	440			--	0.000	--	--		0.01	0.09	--
1430	5064		1	7.6				1.08	0.73	0.0	0.73		--	0.12
	77	1100.90		SAN GABRIEL R A WHITTIER NARROWS						U0545				
10/24/84	5050		74 F				--	0.525	--	--		--	0.64	--
1315	5050	25 E						3.12	--	--	--		--	--
08/16/85	5050		69 F	1000			--	0.001	--	--		--	0.00	--
0910		1 E		9.2				0.41	--	--	--		--	--
09/18/85	5050		72 F	1800			--	0.010	--	--		--	0.05	--
0920		15 E		9.5				0.09	--	--	--		--	--

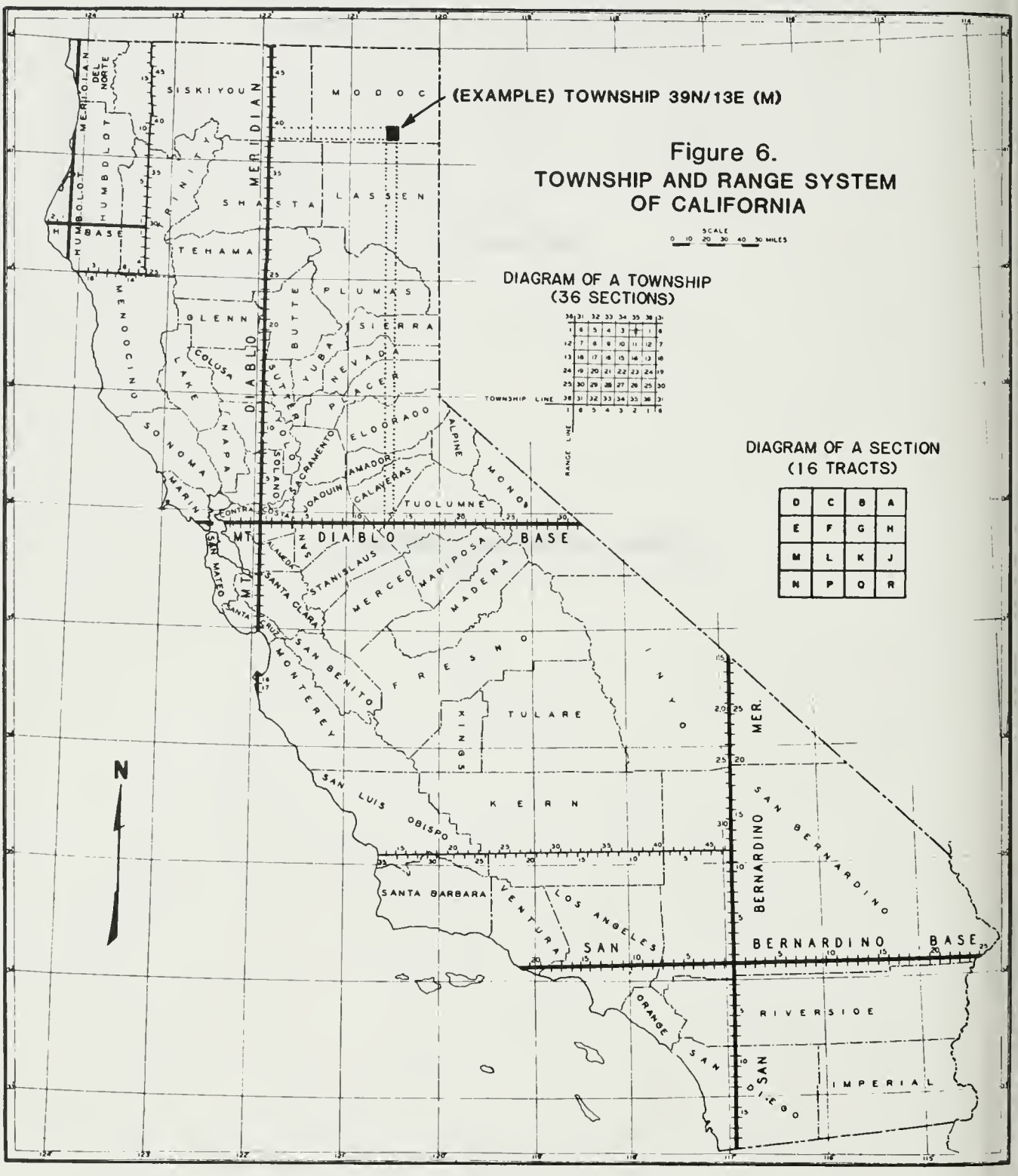
TABLE C-4 (CONTINUED)

NUTRIENT ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAB	G.H. O	TEMP DEPTH	F EC F PH	TURB F CO2	FIELD P ALK T ALK	D NO2 + NO3	D NO2 D NO3	CONSTITUENTS IN MILLIGRAMS PER LITER D ORG N T ORG N	D NH3 T NH3	T NH3 + ORG N	DIS A.H.PO4	D O-PO4 T O-PO4	D TOT P T TOT P
	77	5100.00		RIO HONDO NR MONTERELLO						06501				
10/20/84	5050						--	0.080	--	--		--	0.24	--
1200		7 F						0.95	--	--	--		--	--
10/24/84	5050						--	0.080	--	--		--	0.24	--
1400		7 E						0.95	--	--	--		--	--
04/19/85	5050		65 F	790			--	0.088	--	--		--	0.16	--
1300		4 E		7.5				0.95	--	--	--		--	--
08/16/85	5050		71 F	850			--	0.038	--	--		--	0.26	--
0910	5050	8 E		7.2				0.30	--	--	--		--	--
09/18/85	5050		65 F	700			--	0.030	--	--		--	0.26	--
0955		12 E		7.7				0.04	--	--	--		--	--

APPENDIX D

GROUND WATER MEASUREMENTS


(EXAMPLE) TOWNSHIP 39N/13E (M)
Figure 6.
TOWNSHIP AND RANGE SYSTEM
OF CALIFORNIA
SCALE
0 10 20 30 40 50 MILES
DIAGRAM OF A TOWNSHIP
(36 SECTIONS)
TOWNSHIP LINE
RANGE LINE
DIAGRAM OF A SECTION
(16 TRACTS)
D C B A
E F G H
M L K J
N P O R
N
HUMBOLDT MERIDIAN
HUMBOLDT BASE
MT. DIABLO BASE
MT. DIABLO MERIDIAN
SAN BERNARDINO BASE
SAN BERNARDINO MER.
SISKIYOU
MODOC
SHASTA
LASSEN
TEHAMA
PLUMAS
GLENN
BUTTE
SIERRA
COLUSA
YUBA
NEVADA
PLACER
LAKE
NAPA
SOLANO
SUTTER
YOLO
SACRAMENTO
EL DORADO
ALPINE
AMADOR
CALAVERAS
TUOLUMNE
MONO
SONOMA
MARIN
CONTRA COSTA
SAN JOAQUIN
ALAMEDA
SAN MATEO
SANTA CLARA
SANTA CRUZ
STANISLAUS
MERCED
MARIPOSA
MADERA
SAN BENITO
MONTEREY
FRESNO
TULARE
KINGS
INYO
KERN
SAN LUIS OBISPO
SANTA BARBARA
VENTURA
LOS ANGELES
ORANGE
SAN DIEGO
RIVERSIDE
IMPERIAL

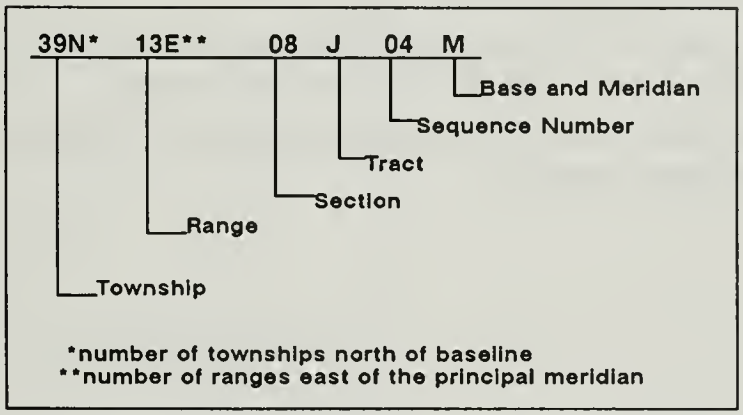
APPENDIX D
GROUND WATER MEASUREMENTS

Appendix "D" presents depth to water measurements (ground to water) and water surface elevations for selected wells in the Soouthern California from October 1, 1984 to September 30, 1985.

The location of a well can be approximated by the well number. The numbering system for wells is based on a rectangular system called the United States System of Surveying the Public Lands, commonly referred to as the Public Lands Survey. This system ties all tracts of lands to an initial point and identifies them as being in a particular township. A township is a square parcel of land six miles on each side. Its location is established as being so many six-mile units east or west of a north-south line running through the initial point (called the "principal meridian") and so many six-mile units north or south of an east-west line running through the point (called the "baseline"). The meridianal (longitudinal) lines parallel to, and east or west of, the principal meridian are called *range lines*. Latitudinal lines parallel to, and north or south of, the baseline are known as *township lines*. Each township is described with respect to the initial point by its distance (in numbers of six mile units) and direction from that point i.e., north or south and east or west.

Figure 6 presents the township and range system for California, and shows the three bases and meridians: i.e., the Humboldt (H), Mount Diablo (M) and San Bernardino (S). The figure also numbers the townships and ranges along the principal meridians and baselines, and shows the location of, for example, township 39N/13E M. The location of any township in the State can be found by extending the township and range lines as shown.

Every township is further divided into 36 equal parts called sections. A diagram of a typical township with the sections numbered from 1 to 36 is shown on Figure 6. The well numbering system is an extension of the public land survey system and involves dividing each section of land into sixteen 40-acre tracts with each tract given a letter (A through R) to identify it (see also Figure 6.) Sequence numbers in a tract are assigned in chronological order. A typical well number consists of 12 characters expressed as expressed as follows:



In the above example, this is the fourth well to be assigned a number in Tract J, Section 8 of the designated township.

Ground water measurement stations are listed in Table D by ascending areal code. The areal code is explained on page 2. Individual areal code numbers appear to the left of the hydrologic area names,

and the data listed thereunder are in that hydrologic area. The number of ground water stations precludes plotting each individual well on maps in this publication. Instead, Figure 7 shows the location of the ground water basins in which measurements were taken.

To facilitate station location, the cross reference starting on the following page relates the hydrologic areas to the ground water basins shown on Figure 7 and lists the respective areal code. The location and definition of any hydrologic area may be determined by entering Figure 2, page 4, with the corresponding areal code. The cross reference also lists the page numbers for the tabulated data.

The date shown in the table is the date when the depth measurement was made.

Some of the measurements in the "ground to water" column may be followed by a single digit in parenthesis, which indicates a questionable measurement. The meaning of these codes is as follows:

(0)	Caved or deepened	(5)	Air or pressure gage measurement
(1)	Pumping	(6)	Other
(2)	Nearby pump operating	(7)	Recharge operation at or near well
(3)	Casing leaking or wet	(8)	Oil in casing
(4)	Pumped recently	(9)	Acoustic Sounder

When the letters "NM" followed by a digit in parenthesis appears in the column, it means a measurement was attempted but could not be obtained. The reason for no measurement is described by the digit listed below:

(0)	Measurement Discontinued	(5)	Unable to locate well
(1)	Pumping	(6)	Well has been destroyed
(2)	Pump house locked	(7)	Special
(3)	Tape hung up	(8)	Casing leaking or wet
(4)	Cannot get tape in casing	(9)	Temporarily inaccessable

The words "FLOW" and "DRY" also appear in this column to indicate a flowing or dry well, respectively. When a minus sign precedes the value, it indicates that the static water level in a flowing well is that distance in feet above the ground surface.

Elevations are given in feet at USGS mean sea level datum. Ground surface elevations are usually obtained by interpolation between contours of USGS topographic maps.

The final column is the code number for the agency supplying the data. Contributing agencies and their code numbers are listed on page 77.

APPENDIX D CROSS REFERENCE
GROUND WATER BASIN—AREAL CODE

Ground Water Basin No.	Name	Hydrologic Area*		Areal Code**	Analyses on page
		CENTRAL COAST	HB		169
		ESTERO BAY	HU		
		Cambria	HA		
3-34	Arroyo de la Cruz Valley	Arroyo de la Cruz	HSA	T-10.A2	169
3-35	San Simeon	San Simeon	HSA	T-10.A3	169
		Point Buchon	HA		
3-41	Morro Valley	Morro	HSA	T-10.B1	169
		Arroyo Grande	HA		
3-11	Arroyo Grande Valley	Oceano	HSA	T-10.C1	169
	Nipoma Mesa Area	Nipoma Mesa	HSA	T-10.C2	169
		SANTA MARIA	HU		
3-12	Santa Maria River Valley	Guadalupe	HA	T-12.A	169
	Santa Maria River Valley	Sisquoc	HA	T-12.B	170
3-13	Cuyama Valley	Cuyama Valley	HA	T-12.C	170
3-14	San Antonio Creek Valley	SAN ANTONIO	HU	T-13	170
		SANTA YNEZ	HU		
3-15	Santa Ynez River Valley	Lompoc	HA	T-14.A	171
	Santa Ynez River Valley	Santa Rita	HA	T-14.B	171
		SOUTH COAST	HU		
		Arguello	HA	T-15.A	171
		SOUTH COAST HYDRO SUBUNIT	HU		
		Goleta Hydro Subarea	HSA	T-15.C1	171
		LOS ANGELES	HB		
		VENTURA RIVER	HU		
4-3	Ventura River Valley	Upper Ventura River	HA	U-02.B	172
		Ojai	HA		
4-1	Upper Ojai Valley	Upper Ojai	HSA	U-02.C1	172
4-2	Ojai Valley	Ojai Valley	HSA	U-02.C2	172
		SANTA CLARA CALLEGUAS	HU		
		Oxnard Plain	HA		
4-4	Santa Clara River Valley	Oxnard	HSA	U-03.A1	172
4-6	Pleasant Valley	Pleasant Valley	HSA	U-03.A2	174
		Santa Paula	HA		
4-4	Santa Clara River Valley	Sulphur Springs	HSA	U-03.B1	174
	Santa Clara River Valley	Sisar	HSA	U-03.B2	174
	Santa Clara River Valley	Sespe	HA		
	Santa Clara River Valley	Fillmore	HSA	U-03.C1	174
	Santa Clara River Valley	Piru	HA		
	Santa Clara River Valley	Santa Felicia	HSA	U-03.D1	175
4-4.07	Santa Clara River Valley Eastern Basin	Upper Santa Clara River	HA		
	Santa Clara River Valley Eastern Basin	Eastern	HSA	U-03.E1	175,193, 203
	Santa Clara River Valley Eastern Basin	Sierra Palona	HSA	U-03.E4	194,204
4-5	Acton Valley	Acton	HSA	U-03.E5	194,204
4-8	Las Posas Valley	Calleguas-Conejo	HA		
	Las Posas Valley	West Las Posas	HSA	U-03.F1	175
4-8	Las Posas Valley	East Las Posas		U-03.F2	175
4-21	Conejo-Tierra Rejada Volcanic Areas	Conejo Valley	HSA	U-03.F4	175
4-9		Simi Valley	HSA	U-03.F7	175
		MALIBU	HU		
		Malibu Creek	HA		
4-21	Conejo-Tierra Rejada Volcanic Areas	Sherwood	HSA	U-04.B6	176
		Camarillo	HA	T-12.C	176
4-16	Hidden Valley	Big Sycamore Canyon	HSA	U-04.D7	176
		LA-SAN GABRIEL RIVER	HU		
		Coastal Plain	HA		
4-11	Coastal Plain- Los Angeles County	West Coast	HSA	U-05.A2	176
	Coastal Plain- Los Angeles County	Central	HSA	U-05.A5	177,195, 205
		Raymond	HA		
4-13	San Gabriel Valley	Pasadena	HSA	U-05.C1	181,195, 201,205
	San Gabriel Valley	Monk Hill	HSA	U-05.C2	181,196, 205
	San Gabriel Valley	Santa Anita	HSA	U-05.C3	182,196
		San Gabriel Valley	HA		
4-13	San Gabriel Valley	Main San Gabriel	HSA	U-05.D1	183,196
	San Gabriel Valley	Lower Canyon	HSA	U-03.D2	185,198, 207
	San Gabriel Valley	Upper Canyon	HSA	U-05.D3	185,198, 207
	San Gabriel Valley	Foothill	HSA	U-05.D4	185,207
		Spadra	HA		
4-14	Upper Santa Ana Valley	San Jose Wash	HSA	U-05.E1	207,185, 198
	Upper Santa Ana Valley	Pomona	HSA	U-05.E2	186,198, 207
	Upper Santa Ana Valley	Live Oak	HSA	U-05.E3	186
		SOUTH LAHONTAN	HB		
		ANTELOPE	HU		
		Chafer	HA		
6-44	Antelope Valley	Lancaster	HSA	W-26.A5	187
	Antelope Valley	Buttes	HSA	W-26.A7	187
	Antelope Valley	Rock Creek	HSA	W-26.A8	187
		SANTA ANA	HB		
		SANTA ANA RIVER	HU		
		Middle Santa Ana River	HA		
8-2	Upper Santa Ana Valley	Chino	HSA	Y-01.B1	189,199, 207
	Upper Santa Ana Valley	Claremont	HSA	Y-01.B3	189,199, 207
		SAN JACINTO VALLEY	HU		
		San Jacinto	HA		
8-5	San Jacinto Basin	Gilman Hot Springs	HSA	Y-02.B1	189,199
		SAN DIEGO	HB		
		SAN DIEGO RIVER	HU		
		Lower San Diego	HA		
9-16	El Cajon Valley	El Cajon	HSA	Z-07.A3	190,199
		SWEETWATER	HU		
		Lower Sweetwater	HA		
9-17	Sweetwater Valley	La Nacion	HSA	Z-09.A2	191
		OTAY	HU		
9-18	Otay Valley	Otay Valley	HA	Z-10.D	
		TIJUANA	HU		
		Tijuana Valley	HA		
9-19	Tijuana Basin	Water Tanks	HSA	Z-11.A2	191

A00910

*See Page 2

**See Figure 2

APPENDIX D CROSS REFERENCE (Continued)
GROUND WATER BASIN—AREAL CODE

Ground Water Basin No.	Name	Hydrologic Area*		Areal Code**	Data on page
		COLORADO RIVER	HB		
7-19	Lucerne Valley	LUCERNE LAKE	HU	X-01	112
		JOSHUA TREE	HU		
7-12	Warren Valley	Warren	HA	X-08.A	112
7-11	Copper Mountain Valley	Copper Mountain	HA	X-08.B	112
		DALE	HU		
7-10	Twentynine Palms Valley	Twentynine Palms	HA	X-09.A	113
7-9	Dale Valley	Dale Valley	HA	X-09.B	113
		Whitewater	HU		
7-20	Morongo Valley	Morongo	HA	X-19.A	113
		San Gorgonio	HA		
7-21	Coachella Valley	Cabazon	HSA	X-19.C2	113
7-21	Coachella Valley	Garnet Hill	HSA	X-19.D1	114
7-21	Coachella Valley	Mission Creek	HSA	X-19.D2	114
7-21	Coachella Valley	Miracle Hill	HSA	X-19.D3	114
7-21	Coachella Valley	Sky Valley	HSA	X-19.D4	115
7-21	Coachella Valley	Forgo Canyon	HSA	X-19.D5	115
7-21	Coachella Valley	Thousand Palms	HSA	X-19.D6	115
7-21	Coachella Valley	Indio	HSA	X-19.D7	115
		SANTA ANA	HB		
		SANTA ANA RIVER	HU		
		Lower Santa Ana River	HA		
8-1	Coastal Plain-Orange Co.	East Coastal Plain	HSA	Y-01.A1	120
8-1	Coastal Plain-Orange Co.	Santa Ana Narrows	HSA	Y-01.A3	122
		Midule Santa Ana River	HA		
	Upper Santa Ana Valley	Chino	HSA	Y-01.B1	122
8-2	Upper Santa Ana Valley	Claremont	HSA	Y-01.B3	125
8-2	Upper Santa Ana Valley	Cucamonga	HSA	Y-01.B4	125
8-2	Upper Santa Ana Valley	Temescal	HSA	Y-01.B5	126
8-2	Upper Santa Ana Valley	Arlington	HSA	Y-01.B6	126
8-2	Upper Santa Ana Valley	Riverside	HSA	Y-01.B7	127
		Lake Mathews	HA		
8-2	Upper Santa Ana Valley	Coldwater	HSA	Y-01.C1	131
8-2	Upper Santa Ana Valley	Bedford	HSA	Y-01.C2	131
8-2	Upper Santa Ana Valley	Lee Lake	HSA	Y-01.C4	132
		Colton-Rialto	HA		
8-2	Upper Santa Ana Valley	Lower Lytle	HSA	Y-01.D2	132
8-2	Upper Santa Ana Valley	Rialto Lytle	HSA	Y-01.D3	133
8-2	Upper Santa Ana Valley	Colton	HSA	Y-01.D4	133
		Upper Santa Ana River	HA		
8-2	Upper Santa Ana Valley	Bunker Hill	HSA	Y-01.E2	134
8-2	Upper Santa Ana Valley	Redlands	HSA	Y-01.E3	144
8-2	Upper Santa Ana Valley	Mentone	HSA	Y-01.E4	145
8-2	Upper Santa Ana Valley	Reservoir	HSA	Y-01.E5	145
8-2	Upper Santa Ana Valley	Crafton	HSA	Y-01.E6	145
8-2	Upper Santa Ana Valley	Santa Ana Canyon	HSA	Y-01.E7	145
8-2	Upper Santa Ana Valley	Mill Creek Canyon	HSA	Y-01.E8	146
8-2	Upper Santa Ana Valley	Sycamore	HSA	Y-01.E9	146
		San Timoteo	HA		
8-2	Upper Santa Ana Valley	Yucaipa	HSA	Y-01.F1	147
8-2	Upper Santa Ana Valley	Beaumont	HSA	Y-01.F2	147
8-2	Upper Santa Ana Valley	Cherry Valley	HSA	Y-01.F3	147
8-2	Upper Santa Ana Valley	Chicken Hill	HSA	Y-01.F4	147
8-2	Upper Santa Ana Valley	Gateway	HSA	Y-01.F5	148
8-2	Upper Santa Ana Valley	Oak Glenn	HSA	Y-01.F6	148
8-2	Upper Santa Ana Valley	South Mesa	HSA	Y-01.F7	148
8-2	Upper Santa Ana Valley	Triple Falls Creek	HSA	Y-01.F8	149
8-2	Upper Santa Ana Valley	Noble Creek	HSA	Y-01.F9	149
		SAN JACINTO VALLEY	HU		
		San Jacinto	HA		
8-5	San Jacinto Basin	Gilman Hot Spring	HSA	Y-02.B1	150
		Elsinore Valley	HA		
		Elsinore	HSA		
8-4	Elsinore Basin	Elsinore	HSA	Y-02.C1	150
		SAN DIEGO	HB		
		SAN JUAN	HU		
		Laguna Hills	HA		
9-1	San Juan Valley	Aliso	HSA	Z-01.A3	151
9-1	San Juan Valley	Mission Viejo	HA	Z-01.B	151
		SANTA MARGARITA	HU		
		Murrieta	HA		
9-5	Temecula Valley	French	HSA	Z-02.C3	151
		SAN LUIS REY	HU		
		Lower San Luis	HA		
9-7	San Luis Rey Valley	Mission	HSA	Z-03.A1	152
		Warner Valley	HA		
9-8	Warner Valley	Warner	HSA	Z-03.C1	152
		SAN DIEGUITO	HU		
		Hodges	HA		
9-10	San Pasqual Valley	Del Dios	HSA	Z-05.B1	155
		San Pasqual	HA		
9-7	San Luis Ray Valley	Las Lomas Muertas	HSA	Z-05.C2	155
9-7	San Luis Ray Valley	Hidden	HSA	Z-05.C4	156
		Santa Maria Valley	HA		
9-11	Santa Maria Valley	Ramona	HSA	Z-05.D1	156
		SAN DIEGO RIVER	HU		
		Lower San Diego	HA		
9-15	San Diego River Valley	Santee	HSA	Z-07.A2	158
9-15	San Diego River Valley	El Monte	HSA	Z-07.A5	158
		Boulder Creek	HA		
		Spencer	HSA	Z-07.D2	158
		SWEETWATER	HU		
		Middle Sweetwater	HA		
9-20	Jamul Valley	Jamacha	HSA	Z-09.B1	159
		TIJUANA	HU		
		Tijuana Valley	HA		
9-19	Tijuana Basin	San Ysidro	HSA	Z-11.A1	159
		Monument	HA		
9-26	Pine Valley	Pine	HSA	Z-11.D1	159

*See page 2.

**See Figure 2

CONTRIBUTING AGENCIES AND CODE NUMBERS

Agency Number	Agency Name
17	Chino, City
33	San Gabriel Valley Protective Association
225	Santa Paula Water Works Limited (Limoneira Water Co.)
229	Pomona City
235	Elsinore Valley municipal Water Dist.
230	Western Municipal Water Dist.
30	San Bernadino, City
58	Rialto, City
90	San Bernadino Valley Water Conservation Dist.
74	Santa Barbara, City
37	Gage Canal Company
16	Orange, City
04	San Bernadino, East, County Water Dist.
24	San Bernadino, West, County Water Dist.
01	Colton, City
05	Upland, City
06	Long Beach, City
09	Oxnard, City
10	Anaheim, City
26	Julian Community Services Dist.
02	Ramona Municipal Water Dist.
05	Vista Irrigation Dist.
17	Orange County Water Dist.
01	Corona Foothill Lemon Co.
02	Cucamonga County Water Dist.
06	Fontana Union Water Co.
09	Irvine Co.
42	Yorba Linda County Water Dist.
48	San Antonio Water Co.
76	Southern California Water Co.
85	California Portland Cement Co.
93	Muscoy Water Co.
29	Banning Water Co.
50	Kaiser Industries Corporation

Agency Number	Agency Name
5001	U. S. Bureau of Reclamation
5015	U. S. International Boundary and Water Commission
5050	California Department of Water Resources
5060	California Department of Health Services
5101	San Bernadino County Flood Control Dist.
5102	Orange County Flood Control Dist.
5117	San Luis Obispo County Flood Control and Water Conservation Dist.
5121	Ventura County Flood Control Dist.
5125	Monte Vista County Water Dist.
5135	Coachella Valley County Water Dist.
5202	Oceanside, City
5205	Carlsbad Municipal Water Dist.
5206	Redlands, City
5208	Riverside, City
5229	San Diego, City
5272	Corona, City
5400	Helix Water Dist. (ID)
5404	Santa Maria Valley Water Conservation Dist.
5407	Beaumont-Cherry Valley Water Dist. (ID)
5411	United Water Conservation Dist.
5419	Yucaipa Valley County Water Dist.
5711	Escondido Mutual Water Co.
5713	Rowe, W.P. and Son
5717	Temescal Water Co.
5723	Pine Valley Mutual Water Co.
5783	Riverside Highland Water Co.
5875	Eastern Municipal Water Dist.
6100	Sweet Water Authority
6224	Mesa, South, Mutual Water Co.
8027	Norco, City
8208	Glenn Avon Heights, Mutual Water Co. of Loma Linda, City
9263	San Bernadino, South, County Water Dist.

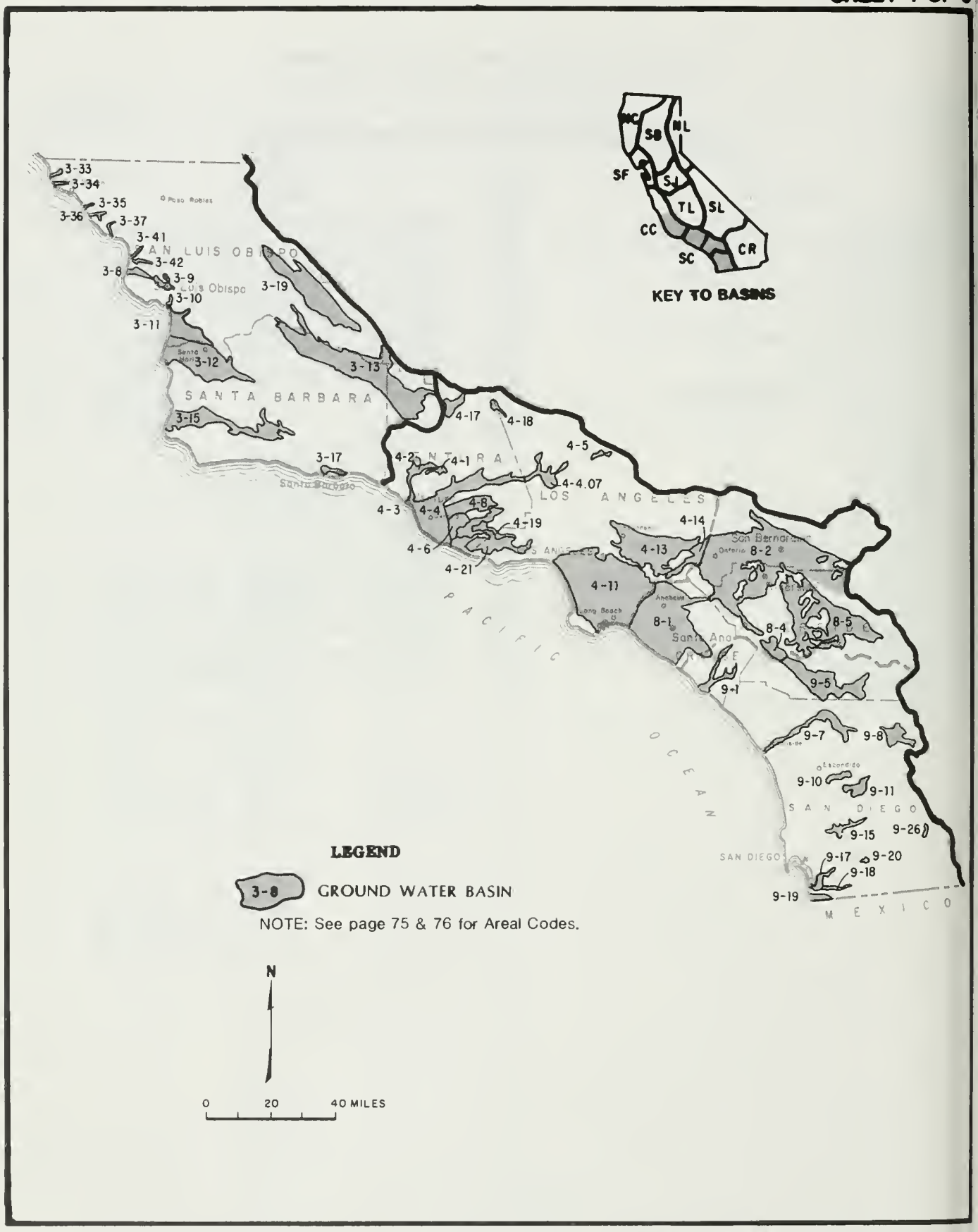


Figure 7 LOCATION OF GROUND WATER BASINS-MEASUREMENT
CENTRAL COASTAL & SOUTH COASTAL BASINS

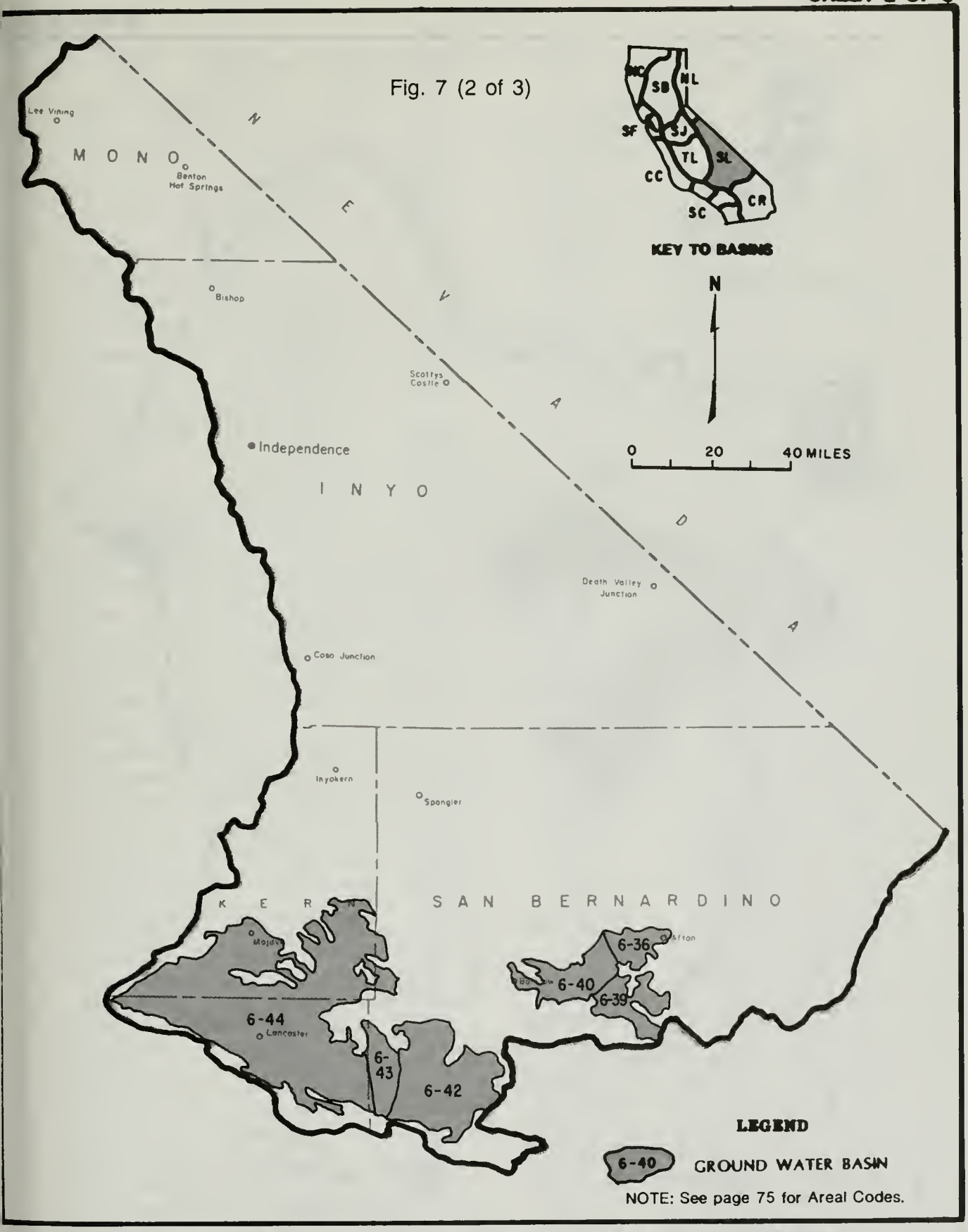


Figure 7 LOCATION OF GROUND WATER BASINS–MEASUREMENT
SOUTH LAHONTAN BASIN

Figure 7 LOCATION OF GROUND WATER BASINS–MEASUREMENT
COLORADO RIVER BASIN

TABLE D

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
T CENTRAL COAST HB					
T-10 ESTERO BAY HU					
T-10.A CAMBRIA HA					
T-10.A1 SAN CARPOFORO HSA					
25S/06E-16A02 M	30.0	11/01/84	13.5	16.5	5117
		04/19/85	9.1	20.9	
T-10.A2 ARROYO DE LA CRUZ HSA					
25S/06E-35N01 M	20.0	11/01/84	9.0	11.0	5117
		04/19/85	10.8	9.2	
T-10.A3 SAN SIMEON HSA					
27S/08E-06G01 M	20.0	10/22/84	18.1	1.9	5117
27S/08E-06G02 M	19.5	10/22/84	16.4	3.1	5117
27S/08E-09L01 M	30.0	10/05/84	5.0	25.0	5117
27S/08E-09P02 M	34.0	10/22/84	11.3	22.7	5117
		04/19/85	7.6	26.4	
27S/08E-10G01 M	50.0	10/12/84	32.3	17.7	5117
		04/19/85	16.6	33.4	
27S/08E-11B01 M	119.5	10/22/84	47.4	72.1	5117
T-10.A4 SANTA ROSA CREEK HSA					
27S/08E-24J01 M	82.0	10/18/84	25.9	56.1	5117
		04/19/85	22.3	59.7	
27S/08E-24N01 M	80.0	10/18/84	19.2	60.8	5117
		04/19/85	13.8	66.2	
27S/08E-26C05 M	40.0	10/06/84	28.1	11.9	5117
		04/03/85	17.4	22.6	
27S/08E-26D01 M	32.5	10/09/84	28.7	3.8	5117
		04/03/85	15.1	17.4	
T-10.A5 VILLA HSA					
28S/09E-10K01 M	199.0	10/18/84	20.0	179.0	5117
		04/19/85	14.0	185.0	
28S/09E-23D01 M	160.0	10/18/84	16.4	143.6	5117
		04/19/85	14.4	145.6	
28S/09E-23E03 M	80.0	10/18/84	24.3	55.7	5117
		04/19/85	22.5	57.5	
T-10.A6 TORO HSA					
29S/10E-01P01 M	130.0	04/19/85	14.3	115.7	5117
T-10.B POINT BUCHON HA					
T-10.B1 MORRO HSA					
29S/10E-24R02 M	59.5	04/19/85	22.8	36.7	5117
29S/10E-25C01 M	29.0	10/12/84	23.0	6.0	5117
29S/10E-25C02 M	20.1	10/12/84	35.5	-15.4	5117
		04/19/85	17.5	2.6	
29S/10E-25C03 M	20.0	04/19/85	16.0	4.0	5117
29S/10E-25C04 M	40.0	10/12/84	17.5	22.5	5117
		04/19/85	12.5	27.5	
29S/10E-25E02 M	20.0	10/12/84	32.0	-12.0	5117
		04/19/85	12.0	8.0	
29S/10E-25F05 M	20.0	10/12/84	35.5	-15.5	5117
29S/11E-17A01 M	210.0	04/19/85	18.5	191.5	5117
29S/11E-17A02 M	219.0	04/19/85	31.3	187.7	5117
29S/11E-17A03 M	219.0	04/19/85	34.2	184.8	5117
29S/11E-19P01 M	78.1	04/19/85	40.1	38.0	5117
T-10.B2 CHORRO HSA					
29S/11E-19J01 M	120.0	04/19/85	11.8	108.2	5117
29S/11E-32F01 M	22.0	04/17/85	2.9	19.1	5117
29S/11E-32J01 M	32.0	10/12/84	17.5	14.5	5117
29S/11E-32J02 M	34.6	04/17/85	17.9	16.7	5117
29S/11E-32J04 M	30.0	10/12/84	17.0	13.0	5117
		04/19/85	9.0	21.0	
29S/11E-32J06 M	38.0	10/12/84	20.0	18.0	5117
29S/11E-32J08 M	37.5	10/12/84	19.5	18.0	5117
29S/11E-33E02 M	45.0	04/17/85	23.2	21.8	5117
29S/11E-33N01 M	40.0	04/17/85	9.2	30.8	5117
30S/11E-03D01 M	75.0	10/12/84	27.0	48.0	5117
		04/19/85	20.0	55.0	
		04/20/85	21.0	54.0	
30S/11E-03D02 M	75.0	10/12/84	27.0	48.0	5117
		04/19/85	21.0	54.0	
T CENTRAL COAST HB					
T-10 ESTERO BAY HU					
T-10.B POINT BUCHON HA					
T-10.B2 CHORRO HSA					
30S/11E-11J01 M	165.0	10/22/84	25.9	139.1	5117
		04/17/85	22.1	142.9	
30S/11E-12N01 M	180.0	10/22/84	42.7	137.3	5117
		04/17/85	40.6	139.4	
30S/12E-17Q01 M	330.0	10/24/84	14.0	316.0	5117
T-10.B3 LOS OSOS HSA					
30S/10E-13H01 M	14.0	04/18/85	7.1	6.9	5117
30S/10E-13K01 M	66.9	10/16/84	56.8	10.1	5117
		04/18/85	56.0	10.9	
30S/10E-13L01 M	39.7	03/18/85	29.0	10.7	5117
30S/10E-13L03 M	25.4	10/16/84	21.0	4.4	5117
30S/10E-13P01 M	78.9	10/16/84	68.9	10.0	5117
		04/17/85	68.5	10.4	
30S/10E-13P02 M	113.8	10/16/84	121.6	-7.8	5117
30S/10E-24A01 M	182.7	04/14/85	156.0	26.7	5117
		09/28/85	156.0	26.7	
30S/10E-24C01 M	178.3	04/14/85	188.0	-9.7	5117
		09/28/85	191.0	-12.7	
30S/11E-07N01 M	9.1	10/19/84	11.6	-2.5	5117
		04/18/85	8.5	.6	
		08/30/85	3.0	6.1	
30S/11E-07R01 M	24.1	10/19/84	4.7	19.4	5117
30S/11E-08J01 M	15.0	10/17/84	5.2	9.8	5117
30S/11E-08M02 M	89.3	10/16/84	61.6	27.7	5117
30S/11E-08R01 M	14.6	10/16/84	6.5	8.1	5117
		04/16/85	5.4	9.2	
30S/11E-17A01 M	21.5	10/18/84	16.1	5.4	5117
30S/11E-17E01 M	107.4	10/17/84	86.8	20.6	5117
30S/11E-17E04 M	107.0	10/17/84	84.3	22.7	5117
30S/11E-17F02 M	81.8	04/16/85	57.5	24.3	5117
30S/11E-17F04 M	76.2	10/17/84	44.6	31.6	5117
		04/18/85	43.4	32.8	
30S/11E-17H02 M	38.6	10/16/84	16.9	21.7	5117
		04/18/85	10.8	27.8	
30S/11E-18F01 M	100.9	10/19/84	107.0	-6.1	5117
30S/11E-18H01 M	120.0	10/19/84	95.2	24.8	5117
30S/11E-18H02 M	106.7	10/17/84	64.1	42.6	5117
		04/18/85	63.8	42.9	
30S/11E-18H05 M	104.7	10/16/84	58.0	46.7	5117
		04/17/85	55.4	49.3	
30S/11E-18J03 M	108.2	10/17/84	54.3	53.9	5117
		04/18/85	55.7	52.5	
30S/11E-18K01 M	135.7	10/19/84	124.1	11.6	5117
30S/11E-18K02 M	117.6	10/16/84	103.7	13.9	5117
		04/18/85	103.9	13.7	
30S/11E-18K03 M	121.2	04/14/85	98.0	23.2	5117
		09/28/85	105.0	16.2	
30S/11E-18K04 M	115.2	04/14/85	103.0	12.2	5117
		09/28/85	105.0	10.2	
30S/11E-18M01 M	109.5	10/19/84	112.4	-2.9	5117
30S/11E-18N01 M	102.2	10/19/84	75.2	27.0	5117
		04/17/85	75.7	26.5	
30S/11E-18R01 M	132.8	10/16/84	41.2	91.6	5117
30S/11E-20A01 M	80.9	10/16/84	26.8	54.1	5117
30S/11E-20A02 M	76.9	10/16/84	21.4	55.5	5117
30S/11E-20A04 M	82.6	10/16/84	24.6	58.0	5117
30S/11E-20B01 M	87.8	10/16/84	53.4	34.4	5117
		04/18/85	37.1	50.7	
30S/11E-20H01 M	85.5	10/16/84	19.9	65.6	5117
		04/18/85	10.3	75.2	
30S/11E-21E04 M	78.0	10/16/84	22.0	56.0	5117
T-10.B4 SAN LUIS OBISPO CREEK HSA					
30S/12E-32J01 M	128.7	10/19/84	12.8	115.9	5117
		04/02/85	9.5	119.2	
31S/12E-03P02 M	125.0	10/19/84	8.1	116.9	5117
		04/02/85	6.6	118.4	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER		GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
T	CENTRAL COAST HB					
T-10	ESTERO BAY HU					
T-10.B	POINT BUCHON HA					
T-10.B4	SAN LUIS OBISPO CREEK HSA					
31S/12E-10F03 M		115.0	10/19/84	4.4	110.6	5117
			04/02/85	1.3	113.7	
31S/12E-10G02 M		125.0	10/19/84	19.5	105.5	5117
			04/02/85	12.5	112.5	
31S/12E-12E03 P		165.0	10/19/84	21.7	143.3	5117
			04/03/85	16.0	149.0	
31S/12E-12D03 M		200.0	10/19/84	38.4	161.6	5117
			04/02/85	37.4	162.6	
31S/12E-13J01 M		200.0	09/21/85	31.0	169.0	5117
31S/12E-14C01 M		135.0	04/02/85	13.9	121.1	5117
31S/13E-18J02 M		240.0	10/22/84	19.4	220.6	5117
			04/03/85	15.6	224.4	
31S/13E-18J03 M		260.0	04/03/85	12.0	248.0	5117
31S/13E-18H01 M		192.0	09/21/85	47.0	145.0	5117
31S/13E-18R01 M		240.0	10/22/84	24.9	215.1	5117
			04/03/85	16.2	223.8	
31S/13E-19B01 M		240.0	10/22/84	51.1	188.9	5117
			04/03/85	40.0	200.0	
T-10.B6	PISMO HSA					
31S/13E-16N01 M		324.5	10/22/84	45.4	279.1	5117
			04/03/85	38.6	285.9	
31S/13E-17D04 M		350.0	10/29/84	20.7	329.3	5117
			04/03/85	35.8	314.2	
31S/13E-19A03 M		249.0	10/22/84	37.4	211.6	5117
			04/03/85	29.5	219.5	
31S/13E-19N01 M		262.0	10/19/84	18.9	243.1	5117
			04/03/85	18.7	243.3	
31S/13E-19L01 M		245.0	09/21/85	61.0	184.0	5117
31S/13E-20G01 M		275.0	10/22/84	21.4	253.6	5117
			04/03/85	22.2	252.8	
31S/13E-20K01 M		275.0	10/22/84	26.1	248.9	5117
			04/03/85	20.7	254.3	
31S/13E-27D03 M		300.0	10/22/84	13.6	286.4	5117
			04/03/85	12.9	287.1	
31S/13E-27M01 M		288.0	10/22/84	7.7	280.3	5117
			04/03/85	11.6	276.4	
31S/13E-27M02 M		280.0	04/03/85	14.0	266.0	5117
31S/13E-29C01 M		255.0	10/29/84	12.7	242.3	5117
			04/03/85	11.8	243.2	
32S/12E-24B01 M		10.0	10/29/84	2.1	7.9	5117
			04/22/85	2.1	7.9	
32S/12E-24B02 M		10.0	10/29/84	3.3	6.7	5117
			04/22/85	3.3	6.7	
32S/12E-24B03 M		10.0	10/29/84	1.7	8.3	5117
			04/22/85	.4	9.6	
T-10.C	ARROYO GRANDE HA					
T-10.C1	OCEANO HSA					
31S/13E-36R01 M		395.0	10/03/84	22.1	372.9	5117
31S/14E-32G03 M		365.5	10/03/84	29.2	336.3	5117
			04/04/85	43.0	322.5	
31S/14E-32M03 M		365.0	10/03/84	25.0	340.0	5117
			04/04/85	35.3	329.7	
			09/30/85	25.2	339.8	
32S/13E-12C03 M		271.0	04/04/85	26.6	244.4	5117
			09/30/85	35.8	235.2	
32S/13E-12F04 M		250.0	10/04/84	35.9	214.1	5117
			05/04/85	20.1	229.9	
			09/30/85	25.7	224.3	
32S/13E-12M01 M		231.0	10/04/84	25.9	205.1	5117
			04/05/85	23.2	207.8	
			07/22/85	25.7	205.3	
			09/30/85	24.8	206.2	
32S/13E-12Q03 M		237.5	10/04/84	35.0	202.5	5117
			07/22/85	42.0	195.5	
			09/30/85	38.4	199.1	
32S/13E-13D04 M		224.0	10/13/84	68.8	155.2	5117
			07/22/85	41.3	182.7	
32S/13E-14Q02 M		174.0	10/04/84	37.6	136.4	5117
			04/05/85	51.3	122.7	
32S/13E-14R01 M		200.0	04/05/85	41.0	159.0	5117
32S/13E-23C01 M		165.0	10/04/84	30.8	134.2	5117
			04/05/85	25.0	160.0	
32S/13E-23F01 M		161.2	10/04/84	20.5	140.7	5117
			10/20/84	23.1	138.1	
			04/05/85	22.6	138.6	
32S/13E-23H07 M		140.0	10/04/84	34.8	105.2	5117
			04/05/85	30.9	109.1	
32S/13E-28G01 M		86.2	10/04/84	35.5	50.7	5117
			04/05/85	38.3	47.9	
32S/13E-28L01 M		90.0	04/09/85	86.2	3.8	5117
32S/13E-28Q02 M		72.9	10/04/84	52.5	20.4	5117
			04/08/85	45.0	27.9	
32S/13E-28Q06 M		75.0	04/08/85	45.0	30.0	5117
32S/13E-29B01 M		81.4	10/04/84	73.0	8.4	5117
32S/13E-29C02 M		71.6	10/04/84	77.8	-6.2	5117
32S/13E-29E01 M		50.0	10/04/84	43.9	6.1	5117
			04/09/85	42.5	7.5	
32S/13E-29F01 M		75.0	10/05/84	66.2	8.8	5117
32S/13E-29G01 M		86.0	10/05/84	68.8	17.2	5117
			04/09/85	71.9	14.1	
32S/13E-29G02 M		86.0	04/09/85	73.8	12.2	5117
32S/13E-29G03 M		100.0	10/05/84	79.6	20.4	5117
			04/09/85	70.8	29.2	
32S/13E-29G14 M		81.0	10/05/84	72.5	8.5	5117
			04/09/85	78.8	2.2	
32S/13E-29J02 M		82.6	10/04/84	73.4	9.2	5117
32S/13E-29M04 M		61.2	10/04/84	45.8	15.4	5117
32S/13E-30F01 M		20.0	10/15/84	11.3	8.7	5117
			10/28/84	10.1	9.9	
			04/22/85	11.1	8.9	
32S/13E-30F02 M		30.0	10/15/84	11.5	18.5	5117
			04/22/85	11.8	18.2	
32S/13E-30F03 M		30.0	10/15/84	16.9	13.1	5117
			04/22/85	12.0	18.0	
32S/13E-30K04 M		30.0	10/03/84	16.8	13.2	5117
			04/11/85	16.0	14.0	
32S/13E-30K11 M		29.2	10/03/84	21.8	7.4	5117
			04/11/85	21.2	8.0	
32S/13E-30N01 M		30.0	10/24/84	6.0	24.0	5117
			04/22/85	5.4	24.6	
32S/13E-30N02 M		30.0	10/24/84	3.4	26.6	5117
			04/22/85	.1	29.9	
32S/13E-30N03 M		30.0	10/24/84	5.7	24.3	5117
			04/22/85	4.8	25.2	
32S/13E-30P02 M		28.3	10/03/84	21.2	7.1	5117
32S/13E-30Q02 M		46.5	10/03/84	38.5	8.0	5117
			04/11/85	39.0	7.5	
32S/13E-31G01 M		12.0	10/03/84	3.6	8.4	5117
			04/22/85	4.5	7.5	
32S/13E-31H07 M		19.0	10/03/84	9.6	9.4	5117
			04/11/85	8.2	10.8	
32S/13E-32B03 M		70.0	10/04/84	58.2	11.8	5117
			10/30/84	60.9	9.1	
			04/09/85	57.0	13.0	
32S/13E-32D03 M		81.4	10/13/84	68.7	12.7	5117
			04/09/85	73.0	8.4	
32S/13E-32J02 M		39.9	10/03/84	33.9	6.0	5117
			04/11/85	29.1	10.8	
32S/13E-32L07 M		20.0	10/03/84	15.6	4.4	5117
			04/11/85	13.4	6.6	
32S/13E-32M03 M		20.0	10/05/84	15.2	4.8	5117
			04/08/85	8.7	11.3	
32S/13E-33A05 M		80.0	04/08/85	10.3	69.7	5117
32S/13E-33C04 M		61.5	10/05/84	47.6	13.9	5117
			04/08/85	47.5	14.0	
32S/13E-33F01 M		48.0	10/05/84	31.5	16.5	5117
			04/08/85	27.4	20.6	
32S/13E-33K03 M		52.3	10/05/84	42.6	9.7	5117
			04/08/85	35.7	16.6	
12N/35W-28J02 S		180.0	04/08/85	52.3	127.7	5117
12N/35W-29L01 S		40.0	10/09/84	27.7	12.3	5117
			10/19/84	22.1	17.9	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
T CENTRAL COAST NB					
T-10 ESTERO BAY NU					
T-10.C ARROYO GRANDE NA					
T-10.C1 OCEANO HSA					
12N/35W-29N01 S	35.0	10/15/84	16.9	18.1	5117
		10/18/84	17.6	17.4	
		04/08/85	13.4	21.6	
12N/35W-30K02 S	27.5	10/18/84	14.3	13.2	5117
		04/08/85	14.2	13.3	
12N/35W-30K03 S	30.0	10/15/84	13.0	17.0	5117
		04/08/85	8.4	21.6	
12N/35W-30N02 S	21.8	04/08/85	8.5	13.3	5117
12N/35W-30P02 S	26.0	04/08/85	8.5	17.5	5117
12N/35W-34C03 S	158.0	04/08/85	22.4	135.6	5117
12N/35W-34G06 S	198.0	10/05/84	31.3	166.7	5117
		04/08/85	24.0	174.0	
T-10.C2 NIPOMO MESA NSA					
11N/34W-17B04 S	325.0	04/18/85	26.9	298.1	5117
11N/34W-18P01 S	295.0	04/17/85	326.0	-31.0	5117
11N/34W-19Q01 S	305.0	10/12/84	254.1	50.9	5117
		04/18/85	239.4	65.6	
11N/35W-02F01 S	380.0	10/09/84	333.9	46.1	5117
		04/11/85	332.6	47.4	
11N/35W-02G01 S	399.5	10/09/84	93.1	306.4	5117
		04/11/85	91.5	308.0	
11N/35W-02G02 S	399.5	10/09/84	223.0	176.5	5117
		04/04/85	232.9	166.6	
		04/11/85	232.7	166.8	
11N/35W-02N01 S	248.0	10/01/84	227.8	20.2	5117
		04/17/85	217.7	30.3	
11N/35W-05G01 S	209.0	10/10/84	115.5	93.5	5117
11N/35W-05G02 S	210.0	10/10/84	118.9	91.1	5117
		04/15/85	108.9	101.1	
11N/35W-05L01 S	108.0	10/10/84	108.1	-.1	5117
11N/35W-05N02 S	99.5	10/10/84	107.6	-8.1	5117
		04/16/85	97.8	1.7	
11N/35W-05R01 S	100.0	04/15/85	116.5	-16.5	5117
11N/35W-08J01 S	100.0	10/10/84	74.7	25.3	5117
		04/15/85	73.5	26.5	
11N/35W-07A01 S	100.0	10/10/84	89.9	10.1	5117
11N/35W-09K04 S	182.0	10/10/84	163.9	18.1	5117
		04/16/85	165.5	16.5	
11N/35W-10R01 S	277.0	10/12/84	175.8	101.2	5117
		04/17/85	186.0	91.0	
11N/35W-11B01 S	385.0	10/12/84	337.0	48.0	5117
		04/17/85	319.0	66.0	
11N/35W-11C01 S	267.0	10/12/84	239.5	27.5	5117
		04/17/85	242.9	24.1	
11N/35W-11J01 S	352.0	10/12/84	292.3	59.7	5117
		04/17/85	287.2	64.8	
11N/35W-12E02 S	360.0	10/12/84	331.7	28.3	5117
		11/20/84	326.4	33.6	
11N/35W-13C01 S	345.0	10/12/84	288.1	56.9	5117
11N/35W-13E02 S	305.0	10/12/84	249.1	55.9	5117
		04/17/85	248.0	57.0	
11N/35W-13E03 S	305.0	10/12/84	239.4	65.6	5117
11N/35W-16B01 S	193.0	10/10/84	190.6	2.4	5117
		04/16/85	200.0	-7.0	
11N/35W-17E01 S	89.0	10/15/84	60.5	28.5	5117
		04/15/85	62.0	27.0	
11N/35W-24D01 S	321.0	10/12/84	190.4	130.6	5117
		04/17/85	198.6	122.4	
12N/35W-32G01 S	153.0	10/15/84	177.9	-24.9	5117
		04/12/85	171.7	-18.7	
12N/35W-32J02 S	245.0	10/28/84	170.8	74.2	5117
		04/12/85	170.7	74.3	
12N/35W-33E01 S	258.5	10/09/84	135.7	122.8	5117
		04/16/85	135.7	122.8	
12N/35W-33J02 S	300.0	10/09/84	184.8	115.2	5117
		04/12/85	250.7	49.3	
12N/35W-33L01 S	304.5	10/09/84	284.9	19.6	5117
		04/12/85	278.9	25.6	
12N/35W-33M01 S	246.0	10/09/84	256.5	-10.5	5117
		04/12/85	249.2	-3.2	
T CENTRAL COAST NB					
T-10 ESTERO BAY NU					
T-10.C ARROYO GRANDE NA					
T-10.C2 NIPOMO MESA HSA					
12N/35W-33Q02 S	339.0	10/09/84	181.9	157.1	5117
		04/15/85	181.2	157.8	
12N/35W-34G08 S	189.0	10/05/84	34.7	154.3	5117

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER		GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
T	CENTRAL COAST NB					
T-11	CARRIZO PLAIN HU					
29S/17E-13R02 M		2037.9	09/03/85	78.8(1)	1959.1	5117
29S/18E-28G01 M		2022.0	10/26/84	34.0	1988.0	5117
			05/03/85	34.0	1988.0	
29S/18E-28K01 M		2020.0	10/26/84	21.6	1998.4	5117
			05/03/85	25.2	1994.8	
29S/18E-28L01 M		2020.0	10/26/84	17.9	2002.1	5117
			04/03/85	17.6	2002.4	
30S/18E-01B02 M		2020.0	10/26/84	38.7	1981.3	5117
30S/18E-02N01 M		1984.0	10/26/84	10.5	1973.5	5117
30S/18E-03D01 M		2000.0	10/26/84	12.8	1987.2	5117
30S/18E-12N01 M		1970.0	10/26/84	6.5	1963.5	5117
30S/19E-29N02 M		1943.0	10/26/84	9.5	1933.5	5117
31S/21E-31B01 M		1994.0	10/26/84	36.4	1957.6	5117
32S/20E-12F01 M		1955.0	10/26/84	31.2	1923.8	5117
32S/20E-25F01 M		2310.0	10/26/84	20.2	2289.8	5117
32S/20E-25N01 M		2170.0	10/26/84	15.9	2154.1	5117
32S/21E-23L02 M		2034.0	10/26/84	68.1	1965.9	5117
32S/21E-35C01 M		2133.5	10/26/84	160.5	1973.0	5117
T	CENTRAL COAST NB					
T-12	SANTA MARIA HU					
T-12.A	GUADALUPE HA					
10N/33W-18G01 S		273.0	10/01/84	68.0	205.0	5404
			01/02/85	70.0	203.0	
			04/01/85	75.0	198.0	
10N/33W-19B01 S		275.0	10/01/84	70.0	205.0	5404
			01/02/85	74.4	200.6	
			04/01/85	79.2	195.8	
10N/33W-27G01 S		338.0	10/01/84	42.0	296.0	5404
			01/02/85	45.5	292.5	
			04/01/85	62.0	276.0	
10N/33W-28A01 S		325.0	10/01/84	43.0	282.0	5404
			01/02/85	49.3	275.7	
			04/01/85	54.7	270.3	
10N/33W-30G01 S		320.0	10/01/84	168.0	152.0	5404
			01/02/85	170.4	149.6	
			04/01/85	172.5	147.5	
10N/33W-30H01 S		310.0	10/01/84	54.4	255.6	5404
			01/02/85	55.5	254.5	
			04/01/85	56.7	253.3	
10N/33W-30M01 S		310.0	10/01/84	178.0	132.0	5404
			01/02/85	180.9	129.1	
			04/01/85	181.4	128.6	
10N/33W-30R01 S		310.0	10/01/84	138.7	171.3	5404
			01/02/85	139.8	170.2	
			04/01/85	140.0	170.0	
10N/34W-02R01 S		230.0	10/01/84	94.3	135.7	5404
			01/02/85	97.5	132.5	
			04/01/85	99.5	130.5	
10N/34W-06N01 S		152.0	10/01/84	63.8	88.2	5404
			01/02/85	64.0	88.0	
			04/01/85	64.5	87.5	
10N/34W-09L02 S		189.0	10/01/84	74.2	114.8	5404
			01/02/85	173.5	15.5	
			04/01/85	175.0	14.0	
10N/34W-22R01 S		217.0	10/01/84	90.0	127.0	5404
			01/02/85	89.0	128.0	
			04/01/85	88.5	128.5	
10N/34W-23H01 S		242.0	10/01/84	117.0	125.0	5404
			01/02/85	117.0	125.0	
			04/01/85	118.4	123.6	
10N/34W-24K02 S		244.0	10/01/84	126.2	117.8	5404
			01/02/85	129.0	115.0	
			04/01/85	133.5	110.5	
10N/34W-24K03 S		254.0	10/01/84	139.0	115.0	5404
			01/02/85	138.4	115.6	
			04/01/85	136.2	117.8	
10N/35W-06A01 S		72.0	10/15/84	7.3	64.7	5117
			04/19/85	6.0	66.0	
10N/35W-06A02 S		72.0	10/15/84	7.7	64.3	5117
			04/19/85	6.2	65.8	
10N/35W-06A03 S		72.0	10/15/84	17.7	54.3	5117
			04/19/85	11.6	60.4	
10N/35W-09F01 S		88.0	10/01/84	34.8	53.2	5404
			01/02/85	34.2	53.8	
			04/01/85	34.5	53.5	
10N/35W-12M01 S		138.0	10/01/84	73.6	64.4	5404
			01/02/85	72.7	65.3	
			04/01/85	70.0	68.0	
10N/35W-21B01 S		94.0	10/01/84	66.3	27.7	5404
			01/02/85	66.3	27.7	
			04/01/85	66.8	27.2	
10N/35W-24B01 S		145.0	10/01/84	66.0	79.0	5404
			01/02/85	66.0	79.0	
			04/01/85	65.6	79.4	
10N/36W-01H01 S		139.2	10/15/84	117.8	21.4	5117
			04/19/85	104.9	34.3	
10N/36W-02C07 S		10.0	10/29/84	5.9	4.1	5117
11N/34W-05K01 S		378.0	10/12/84	26.3	351.7	5117
11N/34W-08R01 S		340.0	10/11/84	29.7	310.3	5117
			04/18/85	30.4	309.6	
11N/34W-09P01 S		375.0	10/12/84	92.4	282.6	5117
			04/18/85	88.0	287.0	
11N/34W-27001 S		295.0	10/12/84	108.7	186.3	5117
			04/18/85	108.9	186.1	
11N/34W-27E01 S		303.5	10/12/84	178.8	124.7	5117
11N/34W-30002 S		145.0	10/10/84	90.7	54.3	5117
			04/18/85	79.5	65.5	
11N/34W-30001 S			10/01/84	NM-7		5404
			04/01/85	NM-7		

TABLE 0 (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
T CENTRAL COAST HB					
7-12 SANTA MARIA HU					
7-12.A GUADALUPE HA					
11N/35W-19C02 S	37.0	10/10/84	4.6	32.4	5117
		04/19/85	4.0	33.0	
11N/35W-19E02 S	34.0	10/27/84	7.4	26.6	5117
11N/35W-20E01 S		10/01/84	NM-7		5404
		04/01/85	NM-7		
11N/35W-21K01 S	80.0	04/19/85	41.0	39.0	5117
11N/35W-26M02 S	106.0	04/18/85	40.0	66.0	5117
11N/35W-28F02 S	80.0	10/15/84	12.3	67.7	5117
		04/19/85	13.1	66.9	
11N/35W-28M01 S	77.0	10/01/84	23.5	53.5	5404
		01/02/85	25.0	52.0	
		04/01/85	25.5	51.5	
11N/35W-33G01 S	90.0	10/01/84	26.3	63.7	5404
		10/10/84	36.8	53.2	5117
		01/02/85	34.0	56.0	5404
		04/01/85	35.3	54.7	
		04/18/85	36.0	54.0	5117
11N/35W-35A01 S	123.0	10/01/84	48.0	75.0	5404
		01/02/85	48.0	75.0	
		04/01/85	47.5	75.5	
11N/36W-13K02 S	25.0	10/15/84	21.0	4.0	5117
11N/36W-13K03 S	25.0	10/15/84	19.7	5.3	5117
11N/36W-13K04 S	25.0	10/15/84	19.9	5.1	5117
11N/36W-13K05 S	25.0	10/15/84	15.9	9.1	5117
11N/36W-13K06 S	25.0	10/15/84	15.9	9.1	5117
11N/36W-35J06 S	30.0	10/29/84	5.5	24.5	5117
T-12.B SISQUOC HA					
09N/32W-07N01 S	422.0	10/01/84	70.7	351.3	5404
		01/02/85	70.5	351.5	
		04/01/85	74.5	347.5	
09N/33W-02A01 S	378.7	10/01/84	59.5	319.2	5404
		01/02/85	61.9	316.8	
		04/01/85	64.0	314.7	
T-12.C CUYAMA VALLEY HA					
07N/23W-16R01 S	3725.0	10/16/84	24.0	3701.0	5121
		04/10/85	26.6	3698.4	
07N/24W-13C02 S	3418.0	10/15/84	21.7	3396.3	5121
		04/10/85	21.7	3396.3	
08N/24W-08L01 S	3050.0	10/15/84	82.8	2967.2	5121
		04/10/85	92.4	2957.6	

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
T CENTRAL COAST HB					
7-14 SANTA YNEZ HU					
7-14.A LOMPOC HA					
08N/34W-04G04 S	97.5	10/26/84	46.5	51.0	5001
		11/28/84	46.5	51.0	
		12/27/84	46.3	51.2	
		01/29/85	46.2	51.3	
		02/28/85	46.4	51.1	
		03/28/85	46.7	50.8	
		04/27/85	47.3	50.2	
		06/01/85	48.3	49.2	
		06/27/85	49.1	48.4	
		07/25/85	49.2	48.3	
		08/29/85	49.9	47.6	
		09/28/85	50.5	47.0	
07N/34W-22F02 S	89.9	10/26/84	41.5	48.4	5001
		11/28/84	41.2	48.7	
		12/27/84	40.8	49.1	
		01/29/85	40.6	49.3	
		02/28/85	40.5	49.4	
		03/28/85	40.9	49.0	
		04/27/85	41.7	48.2	
		06/01/85	42.0	47.9	
		06/27/85	42.4	47.5	
		07/25/85	42.8	47.1	
		08/29/85	43.6	46.3	
		09/28/85	43.7	46.2	
07N/34W-22M06 S	100.0	10/26/84	38.9	61.1	5001
		11/28/84	39.2	60.8	
		12/27/84	41.2	58.8	
		01/29/85	38.4	61.6	
		02/28/85	NM-1		
		03/28/85	38.0	62.0	
		04/27/85	NM-1		
		06/01/85	40.6	59.4	
		06/27/85	44.2	55.8	
		07/25/85	44.7	55.3	
		08/29/85	41.4	58.8	
		09/28/85	41.7	58.3	
07N/34W-23L01 S	103.4	10/26/84	48.5	54.9	5001
		11/28/84	48.1	55.3	
		12/27/84	46.6	56.8	
		01/29/85	46.9	56.5	
		02/28/85	46.6	56.8	
		03/28/85	47.2	56.2	
		04/27/85	NM-1		
		06/01/85	47.3	56.1	
		06/27/85	50.4	53.0	
		07/25/85	50.9	52.5	
		08/29/85	50.5	52.9	
		09/28/85	50.4	53.0	
07N/34W-25D01 S	127.3	10/26/84	71.2	56.1	5001
		11/28/84	69.4	57.9	
		12/27/84	68.6	58.7	
		01/29/85	68.0	59.3	
		02/28/85	67.9	59.4	
		03/28/85	69.2	58.1	
		04/27/85	70.6	56.7	
		05/30/85	74.0(2)	53.3	
		06/27/85	71.6	55.7	
		07/25/85	75.7(2)	51.6	
		08/29/85	73.2(8)	54.1	
		09/28/85	72.4	54.9	
07N/34W-25F01 S	136.6	10/26/84	79.2	57.4	5001
		11/27/84	78.1	58.5	
		12/27/84	80.0	56.6	
		01/29/85	76.8	59.8	
		02/28/85	76.4	60.2	
		03/28/85	78.7	57.9	
		04/27/85	80.5	56.1	
		05/30/85	79.4(2)	57.2	
		06/26/85	84.4	52.2	
		07/25/85	82.6	54.0	
		08/29/85	81.4	55.2	
		09/28/85	81.1	55.5	
07N/34W-25P01 S	119.2	10/26/84	56.3	62.9	5001
		11/27/84	56.4	62.8	
		12/27/84	56.3	62.9	
		01/29/85	56.1	63.1	
		02/28/85	55.9	63.3	
		03/28/85	58.3	60.9	
		04/27/85	59.0(2)	60.2	
		05/30/85	58.3	60.9	
		06/26/85	NM-7		
		07/25/55	59.5	59.7	
		08/29/85	61.5(2)	57.7	
		09/28/85	60.1	59.1	
07N/34W-26F07 S	112.0	10/26/84	55.6	56.4	5001
		11/28/84	54.4	57.6	
		12/27/84	54.3	57.7	
		01/29/85	53.7	58.3	
		02/28/85	53.0	59.0	
		03/28/85	53.2	58.8	
		04/27/85	NM-1		
		05/30/85	54.9	57.1	
		06/27/85	NM-1		
		07/25/85	NM-1		
		08/29/85	NM-1		
		09/28/85	59.1	52.9	
07N/34W-26H02 S	109.8	10/26/84	52.0	57.8	5001
		11/27/84	49.7	60.1	
		12/27/54	50.0	59.8	
		01/29/85	50.0	59.8	
		02/28/85	48.7	61.1	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

T CENTRAL COAST HB
T-14 SANTA YNEZ HU
T-14.A LOMPOC HA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
07N/34W-26H02 S		03/28/83	NM-1		5001
	109.8	04/27/83	33.4	56.4	
		03/30/83	30.1	59.7	
		06/27/85	NM-1		
		07/25/85	34.4	53.4	
		08/29/85	54.4	55.4	
		09/28/85	34.0	35.8	
07N/34W-26H03 S	112.9	10/26/84	54.3	58.6	5001
		11/28/84	52.9	60.0	
		12/27/84	52.4	60.5	
		01/29/85	52.0	60.9	
		02/28/85	51.8	61.1	
		03/28/85	52.3	60.6	
		04/27/85	53.4	59.5	
		05/30/85	54.3	58.6	
		06/27/85	54.8	58.1	
		07/25/85	56.0	56.9	
		08/29/85	56.3	56.6	
		09/28/85	56.5	56.4	
07N/34W-26H05 S	91.0	10/26/84	51.0	40.0	5001
		11/27/84	49.5	41.5	
		12/27/84	49.1	41.9	
		01/29/85	47.4	43.6	
		02/28/85	45.9	45.1	
		03/28/85	45.9	45.1	
		04/27/85	57.5	33.5	
		05/30/85	50.6	40.4	
		06/26/85	50.9	40.1	
		07/25/85	56.6	34.4	
		08/29/85	52.8	38.2	
		09/28/85	59.6	31.4	
07N/34W-27F04 S	96.7	10/26/84	48.4	48.3	5001
		11/28/84	46.8	49.9	
		12/27/84	48.0	48.7	
		01/29/85	44.1	52.6	
		02/28/85	44.8	51.9	
		03/28/85	43.6	53.1	
		04/27/85	45.8	50.9	
		06/01/85	47.8	48.9	
		06/27/85	NM-1		
		07/25/85	49.3	47.4	
		08/29/85	52.6	44.1	
		09/28/85	52.4	44.3	
07N/34W-27L01 S		10/26/84	NM-1		5001
		11/28/84	NM-1		
		12/27/84	NM-1		
		01/29/85	NM-1		
		02/28/85	NM-1		
		03/28/85	NM-1		
		04/27/85	NM-1		
	98.5	05/28/85	52.0(5)	46.5	
		06/27/85	NM-1		
		07/25/85	NM-1		
		08/29/85	NM-1		
		09/28/85	NM-1		
07N/34W-27P03 S	92.0	10/26/84	46.2(5)	45.8	5001
		11/28/84	46.2(5)	45.8	
		12/27/84	45.2(5)	46.8	
		01/29/85	46.2(5)	45.8	
		02/28/85	44.2(5)	47.8	
		03/28/85	44.2(5)	47.8	
		04/27/85	43.2(5)	48.8	
		05/29/85	45.2(5)	46.8	
		06/27/85	46.2(5)	45.8	
		07/18/85	48.2(5)	43.8	
		08/29/85	50.2(5)	41.8	
		09/24/85	50.2(5)	41.8	
07N/34W-34A05 S		10/26/84	NM-1		5001
	111.0	11/28/84	47.5(5)	63.5	
		12/27/84	42.5(5)	68.5	
		01/29/85	NM-1		
		02/28/85	NM-7		
		03/28/85	38.5(5)	72.5	
		04/27/85	NM-1		
		05/27/85	44.5(5)	66.5	
		06/27/85	NM-1		
		07/25/85	NM-1		
		08/27/85	51.5(5)	59.5	
		09/28/85	NM-1		
07N/34W-34B01 S		10/26/84	NM-1		5001
	102.0	11/28/84	54.7(5)	47.3	
		12/27/84	NM-1		
		01/29/85	50.7(5)	51.3	
		02/28/85	49.7(5)	52.3	
		03/28/85	48.7(5)	53.3	
		04/27/85	NM-1		
		05/29/85	51.7(5)	50.3	
		06/27/85	NM-1		
		07/17/85	57.7(5)	44.3	
		08/29/85	NM-1		
		09/28/85	NM-1		
07N/34W-34F06 S	119.3	10/26/84	51.0(5)	68.5	5001
		11/28/84	49.1(5)	70.4	
		12/27/84	50.1(5)	69.4	
		01/29/85	48.1(5)	71.4	
		02/28/85	47.1(5)	72.4	
		03/28/85	50.1(5)	69.4	
		04/27/85	48.1(5)	71.4	
		05/28/85	53.0(5)	66.5	
		06/18/85	53.0(5)	66.5	
		07/25/85	54.0(5)	65.5	

T CENTRAL COAST HB
T-14 SANTA YNEZ HU
T-14.A LOMPOC HA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
07N/34W-34F06 S	119.3	08/27/85	76.0(3)	43.3	5001
		09/28/85	55.0(3)	64.3	
07N/34W-34R01 S	118.0	10/26/84	49.4	68.6	5001
		11/28/84	48.7	69.3	
		12/27/84	48.5	69.5	
		01/29/85	49.1	68.9	
		02/28/85	49.4	68.6	
		03/28/85	49.5	68.5	
		04/27/85	49.8	68.2	
		05/30/85	51.9	66.1	
		06/27/85	51.2	66.8	
		07/25/85	51.3	66.7	
		08/29/85	51.5	66.5	
		09/28/85	51.9	66.1	
07N/34W-35K09 S	101.0	10/26/84	30.5	70.5	5001
		11/28/84	30.2	70.8	
		12/27/84	21.6	79.4	
		01/29/85	19.9	81.1	
		02/28/85	20.1	80.9	
		03/28/85	19.9	81.1	
		04/27/85	20.6	80.4	
		05/30/85	25.3	75.7	
		06/27/85	27.8	73.2	
		07/25/85	29.8	71.2	
		08/29/85	31.3	69.7	
		09/28/85	32.4	68.6	
T-14.B SANTA RITA HA					
06N/32W-16K01 S	260.2	10/23/84	13.4	246.8	5001
		11/26/84	8.0	252.2	
		12/24/84	7.1	253.1	
		01/24/85	7.2	253.0	
		02/25/85	7.1	253.1	
		03/25/85	6.9	253.3	
		04/25/85	7.3	252.9	
		05/29/85	10.6	249.6	
		06/25/85	11.2	249.0	
		07/23/85	11.9	248.3	
		08/26/85	13.8	246.4	
		09/26/85	14.4	245.8	
06N/32W-17E02 S		10/25/84	NM-4		5001
		11/27/84	NM-0		
06N/32W-17J02 S	256.0	10/25/84	12.2	243.8	5001
		11/27/84	11.6	244.4	
		12/26/84	10.2	245.8	
		01/28/85	10.3	245.7	
		02/26/85	10.1	245.9	
		03/26/85	10.3	245.7	
		04/26/85	10.4	245.6	
		05/29/85	10.7	245.3	
		06/25/85	11.3	244.7	
		07/24/85	11.8	244.2	
		08/27/85	12.5	243.5	
		09/27/85	13.1	242.9	
06N/32W-17L01 S	249.3	10/25/84	16.1	233.2	5001
		11/27/84	15.8	233.5	
		12/26/84	13.8	235.5	
		01/28/85	14.2	235.1	
		02/26/85	14.1	235.2	
		03/26/85	14.7	234.6	
		04/26/85	15.2	234.1	
		05/29/85	NM-1		
		06/25/85	NM-1		
		07/24/85	15.4	233.9	
		08/27/85	16.3	233.0	
		09/27/85	17.5	231.8	
06N/32W-18C02 S	237.7	10/25/84	11.7	226.0	5001
		11/27/84	10.8	226.9	
		12/26/84	9.5	228.2	
		01/24/85	NM-1		
		02/26/85	8.7	229.0	
		03/26/85	8.4	229.3	
		04/26/85	NM-1		
		05/29/85	NM-1		
		06/26/85	NM-1		
		07/24/85	NM-1		
		08/27/85	NM-1		
		09/27/85	NM-1		
06N/33W-06K01 S		10/25/84	NM-7		5001
		11/27/84	NM-7		
		12/26/84	NM-7		
		01/28/85	NM-0		
06N/33W-07A01 S	182.0	10/29/84	52.3	129.7	5001
		11/27/84	52.0	130.0	
		12/26/84	47.7	134.3	
		01/28/85	47.5	134.5	
		02/26/85	47.4	134.6	
		03/26/85	47.6	134.4	
		04/26/85	47.8	134.2	
		05/30/85	49.0	133.0	
		06/26/85	49.6	132.4	
		07/24/85	50.4	131.6	
		08/27/85	51.4	130.6	
		09/27/85	52.8	129.2	
06N/33W-07E01 S	130.2	10/25/84	21.9	108.3	5001
		11/27/84	21.3	108.9	
		12/26/84	19.3	110.9	
		01/28/85	17.3	112.9	
		02/26/85	17.4	112.8	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
T CENTRAL COAST MB					
T-14 SANTA YNEZ MU					
T-14.8 SANTA RITA MA					
06N/33W-07E01 S	130.2	03/26/85	17.6	112.6	5001
		04/26/85	17.7	112.5	
		05/30/85	NM-6		
06N/33W-08E02 S	175.0	10/25/84	33.9	141.1	5001
		11/27/84	30.9	144.1	
		12/26/84	26.5	148.5	
		01/28/85	26.4	148.6	
		02/26/85	26.2	148.8	
		03/26/85	NM-1		
		04/26/85	NM-1		
		05/30/85	30.1	144.9	
		06/26/85	27.1	147.9	
		07/24/85	31.4	143.6	
		08/27/85	NM-1		
		09/27/85	34.1	140.9	
06N/33W-08G02 S	190.3	10/25/84	47.8	150.5	5001
		11/27/84	47.0	151.3	
		12/26/84	44.5	153.8	
		01/28/85	43.7	154.6	
		02/26/85	43.7	154.6	
		03/26/85	43.6	154.7	
		04/26/85	43.8	154.5	
		05/30/85	44.6	153.7	
		06/26/85	45.4	152.9	
		07/24/85	46.8	151.5	
		08/27/85	48.1	150.2	
		09/28/85	49.0	149.3	
06N/33W-08J01 S	200.5	10/25/84	43.8	156.7	5001
		11/27/84	43.1	157.4	
		12/26/84	40.9	159.6	
		01/28/85	40.1	160.4	
		02/26/85	40.1	160.4	
		03/26/85	40.3	160.2	
		04/26/85	40.7	159.8	
		05/29/85	42.8	157.7	
		06/26/85	42.3	158.2	
		07/24/85	43.0	157.5	
		08/27/85	44.7	155.8	
		09/27/85	45.6	154.9	
06N/33W-09Q01 S	215.6	10/25/84	52.2	163.4	5001
		11/27/84	52.4	163.2	
		12/26/84	49.1	166.5	
		01/28/85	51.7	163.9	
		02/26/85	50.7	164.9	
		03/26/85	50.2	165.4	
		04/26/85	51.0	164.6	
		05/29/85	51.8	163.8	
		06/26/85	52.3	163.3	
		07/24/85	52.7	162.9	
		08/27/85	53.1	162.5	
		09/27/85	53.7	161.9	
06N/33W-10M01 S	225.0	10/25/84	44.5	180.5	5001
		11/27/84	43.2	181.8	
		12/26/84	43.8	181.2	
		01/28/85	43.9	181.1	
		02/26/85	43.9	181.1	
		03/26/85	43.8	181.2	
		04/26/85	44.0	181.0	
		05/30/85	42.0	183.0	
		06/26/85	42.7	182.3	
		07/24/85	NM-1		
		08/27/85	43.3	181.7	
		09/28/85	43.4	181.6	
06N/33W-11M01 S	203.8	10/25/84	12.6	191.2	5001
		11/27/84	12.4	191.4	
		12/26/84	10.1	193.7	
		01/28/85	10.3	193.5	
		02/26/85	NM-1		
		03/26/85	10.0	193.8	
		04/26/85	10.3	193.5	
		05/29/85	NM-7		
		06/26/85	11.7	192.1	
		07/24/85	13.2	190.6	
		08/27/85	14.2	189.6	
		09/27/85	13.5	190.3	
06N/33W-12L01 S	223.5	10/25/84	20.0	203.5	5001
		11/26/84	19.9	203.6	
		12/26/84	17.2	206.3	
		01/28/85	16.4	207.1	
		02/26/85	16.4	207.1	
		03/26/85	16.7	206.8	
		04/26/85	16.4	207.1	
		05/29/85	16.1	205.4	
		06/26/85	18.6	204.9	
		07/24/85	19.7	203.8	
		08/27/85	20.1	203.4	
		09/27/85	20.9	202.6	
06N/34W-01G02 S	116.7	10/25/84	11.5	105.2	5001
		11/26/84	10.6	106.1	
		12/26/84	10.2	106.5	
		01/28/85	10.0	106.7	
		02/26/85	10.0	106.7	
		03/26/85	9.0	107.7	
		04/26/85	10.3	106.4	
		05/30/85	10.6	106.1	
		06/26/85	11.0	105.7	
		07/24/85	11.7	105.0	
		08/27/85	12.2	104.5	
		09/28/85	12.6	104.1	
06N/34W-01R01 S	139.8	10/25/84	28.2	111.6	5001
T CENTRAL COAST MB					
T-14 SANTA YNEZ MU					
T-14.8 SANTA RITA MA					
06N/34W-01R01 S	139.8	11/28/84	27.9	111.9	5001
		12/26/84	25.2	114.6	
		01/28/85	23.7	116.1	
		02/26/85	23.7	116.1	
		03/26/85	23.7	116.1	
		04/26/85	23.5	116.3	
		05/30/85	25.2	114.6	
		06/26/85	24.7	115.1	
		07/24/85	28.5	111.3	
		08/27/85	28.6	111.2	
		09/27/85	29.0	110.8	
06N/34W-02A06 S	129.8	10/25/84	42.4	87.4	5001
		11/27/84	42.4	87.4	
		12/26/84	39.6	90.2	
		01/28/85	39.5	90.3	
		02/26/85	39.4	90.4	
		03/26/85	39.4	90.4	
		04/26/85	NM-1		
		05/30/85	NM-1		
		06/26/85	39.1(4)	90.7	
		07/25/85	NM-1		
		08/27/85	NM-1		
		09/28/85	42.7	87.1	
06N/34W-12C01 S	153.4	10/25/84	45.4	108.0	5001
		11/27/84	42.8	110.6	
		12/26/84	42.3	111.1	
		01/28/85	48.4(2)	105.0	
		02/26/85	43.4	110.0	
		03/26/85	48.3(2)	105.1	
		04/26/85	42.7	110.7	
		05/30/85	49.4(2)	104.0	
		06/26/85	44.3	109.1	
		07/24/85	44.0	109.4	
		08/27/85	46.8	106.6	
		09/27/85	47.2	106.2	
T-14.C BUELLTON MA					
06N/31W-17T001 S	340.6	10/23/84	24.4	316.2	5001
		11/26/84	22.3	318.3	
		12/24/84	20.7	319.9	
		01/24/85	20.3	320.3	
		02/25/85	20.1	320.5	
		03/25/85	20.3	320.3	
		04/25/85	22.8	317.8	
		05/29/85	24.9	315.7	
		06/24/85	27.2	313.4	
		07/23/85	30.1	310.3	
		08/26/85	NM-1		
		09/26/85	28.0	312.6	
06N/31W-17N02 S	347.0	10/23/84	25.8	321.2	5001
		11/26/84	25.2	321.8	
		12/24/84	23.3	323.7	
		01/24/55	22.4	324.6	
		02/25/85	24.1	322.9	
		03/25/85	23.7	323.3	
		04/25/85	NM-1		
		05/29/85	27.6	319.4	
		06/25/85	26.1	320.9	
		07/23/85	NM-1		
		08/26/85	26.4	320.6	
		09/26/85	25.6	321.4	
06N/31W-17R01 S	364.2	10/23/84	32.0	332.2	5001
		11/26/84	28.7	335.5	
		12/24/84	29.7	334.5	
		01/24/85	29.8	334.4	
		02/25/85	27.7	336.5	
		03/25/85	27.8	336.4	
		04/25/85	29.5	334.7	
		05/29/85	33.4(4)	330.8	
		06/24/85	32.3	331.9	
		07/23/85	36.2	328.0	
		08/26/85	32.0	332.2	
		09/26/85	32.3	331.9	
06N/31W-18G01 S	334.3	10/23/84	25.0	309.3	5001
		11/26/84	23.1	311.2	
		12/24/84	19.4	314.9	
		01/24/85	19.0	315.3	
		02/25/85	18.9	315.4	
		03/25/85	18.9	315.4	
		04/25/85	19.8	314.5	
		05/29/85	21.3	313.0	
		06/25/85	20.5	313.8	
		07/23/85	25.1	309.2	
		08/26/85	24.3	310.0	
		09/26/85	26.5	307.8	
06N/32W-09G01 S	305.0	10/23/84	36.7	268.3	5001
		11/26/84	34.1	270.9	
		12/24/84	33.8	271.2	
		01/24/85	33.8	271.2	
		02/25/85	33.6	271.4	
		03/25/85	33.7	271.3	
		04/25/85	34.4	270.6	
		05/29/85	36.1	268.9	
		06/25/85	36.4	268.6	
		07/23/85	37.2	267.8	
		08/26/85	37.4	267.6	
		09/26/85	37.5	267.5	
06N/32W-09J03 S	277.5	10/23/84	12.6	264.9	5001
		11/27/84	12.4	265.1	
		12/26/84	11.8	265.7	
		01/24/85	12.0	265.5	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
T CENTRAL COAST HB					
T-14 SANTA YNEZ HU					
T-14.C BUELLTON HA					
06N/32W-09J03 S	277.5	02/25/85	11.8	265.7	5001
		03/25/85	12.0	265.5	
		04/26/85	13.0	264.5	
		05/29/85	12.4	265.1	
		06/25/85	14.1	263.4	
		07/23/85	14.2	263.3	
		08/26/85	14.2	263.3	
		09/26/85	13.3	264.2	
06N/32W-10J01 S	317.2	10/25/84	35.6	281.6	5001
		11/27/84	35.3	281.9	
		12/26/84	34.0	283.2	
		01/28/85	33.7	283.5	
		02/26/85	33.6	283.6	
		03/26/85	33.7	283.5	
		04/26/85	34.0	283.2	
		05/29/85	35.2	282.0	
		06/27/85	35.6	281.6	
		07/23/85	36.3	280.9	
		08/27/85	36.4	280.8	
		09/26/85	36.4	280.8	
06N/32W-11D01 S	298.5	10/23/84	14.1	284.4	5001
		11/26/84	13.7	284.8	
		12/24/84	13.0	285.5	
		01/24/85	12.7	285.8	
		02/25/85	12.6	285.9	
		03/25/85	12.6	285.9	
		04/25/85	13.0	285.5	
		05/29/85	13.7	284.8	
		06/25/85	14.7	283.8	
		07/23/85	14.7	283.8	
		08/26/85	NM-1		
		09/26/85	15.1	283.4	
06N/32W-11L02 S	300.3	10/25/84	9.8	290.5	5001
		11/27/84	9.5	290.8	
		12/26/84	8.9	291.4	
		01/28/85	8.7	291.6	
		02/26/85	9.4(6)	290.9	
		03/26/85	12.0(6)	288.3	
		04/26/85	8.9	291.4	
		05/29/85	NM-1		
		06/27/85	11.0	289.3	
		07/23/85	NM-1		
		08/27/85	12.2	288.1	
		09/26/85	12.4	287.9	
06N/32W-12P08 S	300.0	10/23/84	17.9	282.1	5001
		11/26/84	14.6	285.4	
		12/24/84	12.7	287.3	
		01/24/85	12.8	287.2	
		02/25/85	12.6	287.4	
		03/25/85	12.5	287.5	
		04/25/85	12.8	287.2	
		05/29/85	NM-1		
		06/25/85	17.1	282.9	
		07/23/85	18.5	281.5	
		08/26/85	17.7	282.3	
		09/26/85	18.3	281.7	
06N/32W-12Q01 S		10/23/84	ORY		5001
		11/26/84	ORY		
	317.7	12/24/84	12.3	305.4	
		01/24/85	12.9	304.8	
		02/25/85	12.7	305.0	
		03/25/85	12.7	305.0	
		04/25/85	12.8	304.9	
		05/29/85	ORY		
		06/25/85	ORY		
		07/23/85	ORY		
		08/26/85	ORY		
		09/26/85	ORY		
07N/34W-26B04 S	108.4	10/26/84	52.2	56.2	5001
		11/28/84	50.8	57.6	
		12/27/84	51.3	57.1	
		01/29/85	50.1	58.3	
		02/28/85	50.4	58.0	
		03/28/85	50.5	57.9	
		04/27/85	53.7	54.7	
		05/30/85	51.6	56.8	
		06/27/85	53.1	55.3	
		07/25/85	53.7	54.7	
		08/29/85	54.0	54.4	
		09/28/85	53.8	54.6	
T-14.0 LOS OLIVOS HA					
06N/30W-19Q02 S	458.3	10/23/84	12.7	445.6	5001
		11/26/84	10.9	447.4	
		12/24/84	10.3	448.0	
		01/24/85	10.7	447.6	
		02/25/85	10.6	447.7	
		03/25/85	11.0	447.3	
		04/25/85	13.7	444.6	
		05/28/85	17.8	440.5	
		06/24/85	13.9	444.4	
		07/23/85	15.2	443.1	
		08/26/85	12.6	445.7	
		09/26/85	12.3	446.0	
06N/30W-20H02 S	476.4	10/23/84	10.9	465.5	5001
		11/26/84	12.3	464.1	
		12/24/84	11.2	465.2	
		01/24/85	12.3	464.1	
		02/25/85	12.1	464.3	
		03/25/85	13.2	463.2	
		04/25/85	17.2	459.2	
06N/30W-20H02 S	476.4	05/28/85	9.8(2)	466.6	5001
		06/24/85	12.3	464.1	
		07/23/85	16.5(2)	459.9	
		08/26/85	10.6(2)	465.8	
		09/26/85	8.3	468.1	
06N/30W-21B02 S	498.7	10/23/84	12.2	486.5	5001
		11/26/84	9.6	489.1	
		12/24/84	8.2	490.5	
		01/24/85	9.6	489.1	
		02/25/85	9.3	489.4	
		03/25/85	NM-1		
		04/25/85	NM-1		
		05/28/85	NM-1		
		06/24/85	9.8	488.9	
		07/23/85	15.0	483.7	
		08/26/85	NM-1		
		09/26/85	8.8	489.9	
06N/30W-21E01 S	490.7	10/23/84	16.7	474.0	5001
		11/26/84	15.4	475.3	
		12/24/84	15.2	475.5	
		01/24/85	15.1	475.6	
		02/25/85	15.0	475.7	
		03/25/85	15.8	474.9	
		04/25/85	18.2	472.5	
		05/28/85	21.9	468.8	
		06/24/85	16.7	474.0	
		07/23/85	21.4	469.3	
		08/26/85	15.1	475.6	
		09/26/85	17.1	473.6	
06N/30W-24E05 S	550.4	10/24/84	24.3	526.1	5001
		11/26/84	19.4	531.0	
		12/23/84	18.9	531.5	
		01/24/85	19.4	531.0	
		02/25/85	18.8	531.6	
		03/25/85	22.5	527.9	
		04/22/85	32.6	517.8	
		05/28/85	23.0	527.4	
		06/24/85	25.7	524.7	
		07/23/85	32.1(2)	518.3	
		08/26/85	24.7(2)	525.7	
		09/26/85	18.5	531.9	
06N/30W-29E01 S	465.0	10/23/84	19.2	445.8	5001
		11/26/84	21.0	444.0	
		12/24/84	21.7	443.3	
		01/24/85	21.9	443.1	
		02/25/85	22.3	442.7	
		03/25/85	22.7	442.3	
		04/25/85	23.1	441.9	
		05/28/85	23.9	441.1	
		06/24/85	19.1	445.9	
		07/23/85	21.4	443.6	
		08/26/85	16.9	448.1	
		09/26/85	19.0	446.0	
06N/31W-22F01 S	400.0	10/23/84	11.9	388.1	5001
		11/26/84	7.5	392.5	
		12/24/84	7.7	392.3	
		01/24/85	7.4	392.6	
		02/25/85	7.7	392.3	
		03/25/85	8.2	391.8	
		04/25/85	10.0	390.0	
		05/28/85	14.9	385.1	
		06/24/85	1.2	398.8	
		07/23/85	11.9	388.1	
		08/26/85	11.0	389.0	
		09/26/85	10.5	389.5	
06N/31W-23L01 S	418.5	08/26/85	12.0	406.5	5001
		09/26/85	12.2	406.3	
06N/31W-24F01 S	429.0	10/23/84	13.6	415.4	5001
		11/26/84	12.4	416.6	
		12/24/84	10.3	418.7	
		01/24/85	9.6	419.4	
		02/25/85	10.1	418.9	
		03/25/85	9.6(4)	419.4	
		04/25/85	NM-1		
		05/28/85	14.6	414.4	
		06/24/85	NM-1		
		07/23/85	12.4	416.6	
		08/26/85	NM-1		
		09/26/85	NM-1		
06N/31W-24K01 S	427.0	10/23/84	4.4	422.6	5001
		11/26/84	3.8	423.2	
		12/24/84	2.7	424.3	
		01/24/85	3.1	423.9	
		02/25/85	3.0	424.0	
		03/25/85	3.2	423.8	
		04/25/85	4.7	422.3	
		05/28/85	8.2	418.8	
		06/24/85	4.8	422.2	
		07/23/85	5.9	421.1	
		08/26/85	4.3	422.7	
		09/26/85	3.9	423.1	

TABLE 0 (CONTINUED)

GROUND WATER LEVELS AT WELLS

T CENTRAL COAST HB
T-15 SOUTH COAST HU
T-15.8 COAL OIL POINT HA
T-15.82 SANTA BARBARA HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
04N/27W-09G01 S	395.0	10/01/84	87.5	307.5	3774
		11/01/84	88.3	306.7	
		12/03/84	78.3	316.7	
		01/02/85	88.8	306.2	
		02/01/85	89.0	306.0	
		03/01/85	88.9	306.1	
		04/01/85	88.6	306.4	
		05/01/85	89.4	305.6	
		06/03/85	89.9	305.1	
		07/01/85	90.3	304.7	
		08/01/85	97.6	297.4	
		09/03/85	92.6	302.4	
04N/27W-13R01 S	35.0	10/01/84	30.6	4.4	3774
		11/01/84	30.9	4.1	
		12/03/84	30.9	4.1	
		01/02/85	31.2	3.8	
		02/01/85	31.6	3.4	
		03/01/85	31.5	3.5	
		04/01/85	30.0	5.0	
		05/01/85	31.4	3.6	
		06/03/85	30.6	4.4	
		07/01/85	30.7	4.3	
		08/01/85	31.4	3.6	
		09/03/85	31.4	3.6	
04N/27W-14P01 S	18.0	11/01/84	38.2	-20.2	3774
		03/01/85	50.6	-32.6	
		04/01/85	23.7	-5.7	
		05/01/85	24.0	-6.0	
		06/03/85	29.1	-11.1	
		07/01/85	51.0	-33.0	
		08/01/85	56.2	-38.2	
		09/03/85	57.4	-39.4	
04N/27W-14R01 S	21.3	11/01/84	32.7	-11.4	3774
		12/03/84	35.3	-14.0	
		01/02/85	36.4	-15.1	
		02/01/85	36.5	-15.2	
		03/01/85	36.0	-14.7	
		04/01/85	55.8	-34.5	
		05/01/85	24.7	-3.4	
		06/03/85	23.4	-2.1	
		07/01/85	30.2	-8.9	
		08/01/85	36.9	-15.6	
		09/03/85	35.4	-14.1	
04N/27W-15E01 S	145.0	10/01/84	114.3	30.7	3774
		11/01/84	110.6	34.4	
		12/03/84	113.4	31.6	
		01/02/85	114.2	30.8	
		02/01/85	114.2	30.8	
		03/01/85	114.0	31.0	
		05/01/85	107.3	37.7	
		06/03/85	105.3	39.7	
		07/01/85	110.1	34.9	
		08/01/85	114.3	30.7	
		09/03/85	115.7	29.3	
04N/27W-15J02 S	11.0	11/01/84	26.2	-15.2	3774
		12/03/84	NM-1		
		01/02/85	NM-1		
		02/01/85	NM-1		
		03/01/85	40.4	-29.4	
		04/01/85	11.4	-.4	
		05/01/85	12.2	-1.2	
		06/03/85	NM-1		
		07/01/85	NM-1		
		08/01/85	49.5	-38.5	
		09/03/85	NM-1		
04N/27W-22B02 S	20.0	11/01/84	23.3	-3.3	3774
		12/03/84	64.4	-44.4	
		01/02/85	58.3	-38.3	
		02/01/85	59.0	-39.0	
		03/01/85	39.6	-19.6	
		04/01/85	18.0	2.0	
		05/01/85	9.2	10.8	
		06/03/85	23.5	-3.5	
		07/01/85	65.8	-45.8	
		08/01/85	50.1	-30.1	
		09/03/85	61.4	-41.4	
04N/27W-22B03 S	20.0	10/01/84	73.5	-53.5	3774
		11/01/84	24.3	-4.3	
		12/03/84	68.4	-48.4	
		01/02/85	43.9	-23.9	
		02/01/85	43.7	-23.7	
		03/01/85	36.4	-16.4	
		04/01/85	12.8	7.2	
		05/01/85	9.8	10.2	
		06/03/85	15.0	5.0	
		07/01/85	61.0	-41.0	
		08/01/85	41.8	-21.8	
		09/03/85	42.7	-22.7	
04N/27W-22B04 S	20.0	11/01/84	33.2	-13.2	3774
		12/03/84	84.0	-64.0	
		01/02/85	61.5	-41.5	
		02/01/85	59.8	-39.8	
		03/01/85	49.7	-29.7	
		04/01/85	24.9	-4.9	
		05/01/85	14.4	5.6	
		06/03/85	21.3	-1.3	
		07/01/85	74.1	-54.1	
		08/01/85	61.2	-41.2	
		09/03/85	60.4	-40.4	
04N/27W-22B05 S	20.0	11/01/84	33.7	-13.7	3774

T CENTRAL COAST HB
T-15 SOUTH COAST HU
T-15.8 COAL OIL POINT HA
T-15.82 SANTA BARBARA HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
04N/27W-22B05 S	20.0	12/03/84	75.0	-55.0	3774
		01/02/85	60.4	-40.4	
		02/01/85	59.8	-39.8	
		03/01/85	50.1	-30.1	
		04/01/85	14.9	5.1	
		05/01/85	14.7	5.3	
		06/03/85	21.4	-1.4	
		07/01/85	61.8	-41.8	
		08/01/85	61.4	-41.4	
		09/03/85	60.4	-40.4	
04N/27W-23F01 S	4.0	10/01/84	4.7	-.7	3774
		11/01/84	2.6	1.4	
		12/03/84	2.7	1.3	
04N/27W-24B01 S	75.0	10/01/84	83.5	-8.5	3774
		11/01/84	84.5	-9.5	
		12/03/84	84.3	-9.3	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

U LOS ANGELES HB
U-02 VENTURA RIVER NU
U-02.B UPPER VENTURA RIVER HA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
03N/23W-05B01 S	291.9	10/10/84	37.6	254.3	5121
		11/21/84	36.2	255.7	
		02/08/85	34.8	257.1	
		04/05/85	31.7	260.2	
		06/14/85	35.9	256.0	
		07/26/85	37.4	254.5	
03N/23W-06K01 S	298.8	10/08/84	18.1	280.7	5121
		11/27/84	17.3	281.5	
		02/06/85	17.4	281.4	
		04/02/85	16.9	281.9	
		06/12/85	17.6	281.2	
		07/29/85	18.0	280.8	
03N/23W-08B02 S	246.2	10/12/84	18.6	227.6	5121
		12/07/84	16.9	229.3	
		02/07/85	13.4	232.8	
		04/08/85	12.3	233.9	
		06/14/85	16.9	229.3	
		08/02/85	17.0	229.2	
03N/23W-08B07 S	239.8	10/08/84	22.1	217.5	5121
		12/10/84	17.9	221.7	
		02/06/85	16.5	223.1	
		04/02/85	15.0	224.6	
		06/12/85	17.8	222.0	
		07/29/85	20.0	219.8	
04N/23W-02K01 S	869.5	10/09/84	1.7	867.8	5121
		12/10/84	.3	869.2	
		02/08/85	.6	868.9	
		04/04/85	1.0	868.5	
		06/14/85	1.6	867.9	
		07/30/85	1.9	867.6	
04N/23W-03M01 S	739.4	10/08/84	95.4	664.0	5121
		11/27/84	94.5	684.9	
		02/07/85	89.0	670.4	
		04/02/85	90.1	669.3	
		06/12/85	93.2	666.2	
		07/29/85	96.1	663.3	
04N/23W-04J01 S	700.0	10/08/84	49.7	650.3	5121
		11/27/84	41.0	659.0	
		02/07/85	31.9	668.1	
		04/03/85	36.2	663.8	
		06/12/85	48.2	651.8	
		07/29/85	52.6	647.4	
04N/23W-09B01 S	658.1	10/10/84	56.9	601.2	5121
		11/21/84	40.0	618.1	
		02/08/85	18.0	640.1	
		04/05/85	21.5	636.6	
		06/14/85	38.1	620.0	
		07/26/85	63.7	594.4	
04N/23W-11D01 S	780.9	10/08/84	37.2	743.7	5121
		11/27/84	38.0	742.9	
		02/07/85	36.2	744.7	
		04/03/85	36.2	744.7	
		06/12/85	37.1	743.8	
		07/29/85	37.9	743.0	
04N/23W-15A02 S	679.9	10/08/84	89.4	590.5	5121
		11/27/84	88.6	591.3	
		02/07/85	92.3	587.6	
		04/03/85	87.8	592.1	
		06/20/85	NM-1		
		07/29/85	91.4	588.5	
04N/23W-16C04 S	557.3	10/10/84	47.9	509.4	5121
		11/21/84	46.1	511.2	
		02/08/85	23.7	533.6	
		04/05/85	24.6	532.7	
		06/14/85	41.4	515.9	
		07/26/85	49.1	508.2	
04N/23W-16P01 S	619.1	10/08/84	67.0	552.1	5121
		11/27/84	69.4	549.7	
		02/07/85	67.4	551.7	
		04/02/85	71.0	548.1	
		06/12/85	67.8	551.3	
		07/29/85	68.2	550.9	
04N/23W-18G01 S	673.1	10/08/84	23.1	650.0	5121
		11/27/84	23.6	649.5	
		02/06/85	22.8	650.3	
		04/02/85	22.4	650.7	
		06/12/85	23.8	649.3	
		07/29/85	24.5	648.6	
04N/23W-20A01 S	488.5	10/10/84	26.9	461.6	5121
		11/21/84	26.1	462.4	
		02/08/85	7.6	480.9	
		04/05/85	9.9	478.6	
		06/14/85	19.8	468.7	
		07/26/85	25.6	462.9	
04N/23W-20J02 S	456.1	10/10/84	37.2	418.9	5121
		11/21/84	NM-7		
		02/08/85	15.5	440.6	
		04/05/85	17.3	438.8	
		06/14/85	25.1	431.0	
		07/26/85	32.2	423.9	
04N/23W-20D02 S	425.6	10/10/84	23.1	402.5	5121
		11/21/84	23.0	402.6	
		02/08/85	4.7	420.9	
		04/05/85	6.1	419.5	

U LOS ANGELES HB
U-02 VENTURA RIVER NU
U-02.B UPPER VENTURA RIVER HA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
04N/23W-20D02 S	425.6	06/14/85	12.6	413.0	5121
		07/26/85	18.2	407.4	
04N/23W-28G01 S	402.2	10/08/84	16.2	386.0	5121
		11/27/84	13.5	388.7	
		02/07/85	13.8	388.4	
		04/03/85	11.4	390.8	
		06/13/85	15.8	386.4	
		07/29/85	19.6	382.6	
04N/23W-29F02 S	394.1	10/10/84	40.4	353.7	5121
		11/21/84	44.9	349.2	
		02/08/85	14.5	379.6	
		04/05/85	15.3	378.8	
		06/14/85	21.2	372.9	
		07/26/85	28.1	366.0	
04N/23W-29N04 S	446.7	10/08/84	75.7	371.0	5121
		11/27/84	75.8	370.9	
		02/07/85	61.3	385.4	
		04/02/85	58.4	388.3	
		06/12/85	65.6	381.1	
		07/26/85	73.8	372.9	
04N/23W-29L01 S	372.0	10/10/84	26.8	345.2	5121
		11/21/84	32.8	339.2	
		02/08/85	8.6	363.4	
		04/05/85	8.9	363.1	
		06/14/85	12.1	359.9	
		07/26/85	16.5	355.5	
04N/23W-33M03 S	331.4	10/08/84	12.9	318.5	5121
		11/27/84	13.0	318.4	
		02/07/85	12.7	318.7	
		04/02/85	11.9	319.5	
		06/12/85	12.8	318.6	
		07/26/85	14.7	316.7	
04N/24W-13J04 S	625.8	10/08/84	11.7	614.1	5121
		11/27/84	9.7	616.1	
		02/06/85	6.9	618.9	
		04/02/85	7.0	618.8	
		06/12/85	8.6	617.2	
		07/29/85	11.0	614.8	
04N/24W-13N01 S	640.4	10/08/84	.3	640.1	5121
		11/27/84	.3	640.1	
		02/06/85	FLOW		
		04/02/85	FLOW		
		06/12/85	.5	639.9	
		07/29/85	1.2	639.2	
05N/23W-33B03 S	816.8	10/08/84	13.4	803.4	5121
		11/27/84	11.1	805.7	
		02/06/85	10.3	806.5	
		04/03/85	11.0	805.8	
		06/12/85	16.0	800.8	
		07/29/85	11.7	805.1	
05N/23W-33G01 S		10/10/84	NM-1		5121
	806.4	11/27/84	10.3	796.1	
		02/06/85	9.9	796.5	
		04/03/85	9.8	796.6	
		06/20/85	NM-1		
		07/29/85	9.0	797.4	

U-02.C OJAI HA
U-02.C1 UPPER OJAI HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
04N/22W-09D02 S	1278.8	10/09/84	19.4	1259.4	5121
		11/27/84	19.8	1259.0	
		02/07/85	19.8	1259.0	
		04/03/85	20.0	1258.8	
		06/13/85	20.6	1258.2	
		07/29/85	21.0	1257.8	
04N/22W-10K02 S	1324.9	10/09/84	19.0	1305.9	5121
		11/27/84	19.0	1305.9	
		02/07/85	18.4	1306.5	
		04/03/85	18.4	1306.5	
		06/13/85	18.4	1306.5	
		07/29/85	18.9	1306.0	
04N/22W-11P02 S	1418.9	10/09/84	14.4	1404.5	5121
		11/27/84	13.8	1405.1	
		02/07/85	11.7	1407.2	
		04/03/85	11.7	1407.2	
		06/13/85	13.2	1405.7	
		07/29/85	15.9	1403.0	

U-02.C2 OJAI VALLEY HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
04N/22W-03E02 S	1211.4	10/09/84	138.7	1072.7	5121
		12/06/84	138.8	1072.6	
		02/07/85	134.9	1076.5	
		04/04/85	139.5	1071.9	
		06/14/85	148.4	1063.0	
		07/30/85	143.1	1068.3	
04N/22W-04G01 S	1040.0	10/09/84	88.3	951.7	5121
		12/06/84	89.0	951.0	
		02/07/85	79.9	960.1	
		04/04/85	82.6	957.4	
		06/14/85	88.2	951.8	
		07/30/85	89.4	950.6	
04N/22W-05D03 S	895.5	10/09/84	142.2	753.3	5121
		12/10/84	134.4	761.1	
		02/07/85	120.7	774.8	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

U LOS ANGELES HB
U-02 VENTURA RIVER HU
U-02.C OJAI HA
U-02.C2 OJAI VALLEY HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
04N/22W-05D03 S	895.5	04/04/85	126.7	768.8	5121
		06/14/85	141.5	754.0	
		07/30/85	150.0	745.5	
04N/22W-05N04 S	949.3	10/09/84	184.6	764.7	5121
		12/06/84	180.6	768.7	
		02/07/85	172.7	776.6	
		04/04/85	167.7	781.6	
		06/14/85	181.6	767.7	
		07/30/85	190.0	759.3	
04N/22W-05L08 S	890.7	10/09/84	135.7	755.0	5121
		12/10/84	126.1	764.6	
		02/07/85	112.9	777.8	
		04/04/85	116.6	774.1	
		06/14/85	130.3	760.4	
		07/30/85	140.1	750.6	
04N/22W-05M01 S	842.4	10/09/84	91.2	751.2	5121
		12/10/84	81.5	760.9	
		02/07/85	69.1	773.3	
		04/04/85	73.6	768.8	
		06/17/85	95.3	747.1	
		07/30/85	103.7	738.7	
04N/22W-06D01 S	844.7	10/09/84	82.2	762.5	5121
		12/10/84	74.1	770.6	
		02/07/85	63.5	781.2	
		04/04/85	63.8	780.9	
		06/17/85	79.3	765.4	
		07/30/85	93.1	751.6	
04N/22W-06K03 S	801.1	10/07/84	89.3	711.8	5121
		12/10/84	51.1	750.0	
		01/28/85	48.3	752.8	
		04/04/85	62.3	738.8	
		05/28/85	77.3	723.8	
		07/28/85	88.3	712.8	
04N/22W-06M01 S	794.4	10/09/84	48.3	746.1	5121
		12/10/84	37.9	756.5	
		02/07/85	27.4	767.0	
		04/04/85	29.7	764.7	
		06/17/85	47.2	747.2	
		07/30/85	52.9	741.5	
04N/22W-07A01 S	798.5	10/16/84	66.2	732.3	5121
		11/27/84	49.9	748.6	
		02/07/85	42.2	756.3	
		04/03/85	47.1	751.4	
		06/13/85	70.3	728.2	
		07/29/85	77.7	720.8	
04N/22W-07B02 S	772.6	10/09/84	42.1	730.5	5121
		11/27/84	26.2	746.4	
		02/07/85	15.8	756.8	
		04/03/85	26.3	746.3	
		06/13/85	41.8	730.8	
		07/29/85	52.5	720.1	
04N/22W-07B05 S	786.0	10/09/84	38.3	747.7	5121
		11/27/84	37.6	748.4	
		02/07/85	30.0	756.0	
		04/03/85	30.6	755.4	
		06/13/85	36.4	749.6	
		07/29/85	41.8	744.2	
04N/22W-07C05 S		10/16/84	NM-1		5121
	763.4	11/27/84	19.3	744.1	
		02/07/85	9.7	753.7	
		04/08/85	NM-1		
		06/20/85	54.4	709.0	
		07/29/85	69.2	694.2	
04N/22W-07G01 S	769.0	10/09/84	21.6	747.4	5121
		11/27/84	21.6	747.4	
		02/07/85	15.1	753.9	
		04/03/85	15.2	753.8	
		06/13/85	30.1	738.9	
		07/29/85	24.7	744.3	
04N/22W-08B02 S	868.7	10/09/84	107.4	761.3	5121
		12/06/84	102.0	766.7	
		02/07/85	89.9	778.8	
		04/03/85	93.2	775.5	
		06/14/85	104.1	764.6	
		07/30/85	111.7	757.0	
04N/23W-01K02 S	786.4	10/09/84	13.3	773.1	5121
		12/10/84	13.8	772.6	
		02/07/85	12.1	774.3	
		04/04/85	11.6	774.8	
		06/14/85	13.4	773.0	
		07/30/85	15.2	771.2	
04N/23W-12B01 S		10/09/84	FLOW		5121
		12/10/84	FLOW		
		02/08/85	FLOW		
		04/04/85	FLOW		
		06/14/85	FLOW		
		07/30/85	FLOW		
04N/23W-14M03 S	540.2	10/08/84	11.7	528.5	5121
		11/27/84	11.6	528.6	
		02/07/85	11.5	528.7	
		04/03/85	11.3	528.9	
		06/13/85	11.7	528.5	
		07/29/85	11.8	528.4	

U LOS ANGELES HB
U-02 VENTURA RIVER HU
U-02.C OJAI HA
U-02.C2 OJAI VALLEY HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
05N/22W-32J01 S	1162.6	10/09/84	36.3	1126.3	5121
		12/06/84	36.1	1126.5	
		02/07/85	36.0	1126.6	
		04/04/85	34.7	1127.9	
		06/14/85	35.3	1127.3	
		07/30/85	35.3	1127.3	

GROUND WATER LEVELS AT WELLS

U LOS ANGELES HB
U-03 SANTA CLARA-CALLEGUAS HU
U-03.A OXNARD PLAIN HA
U-03.A1 OXNARD HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
01N/21W-04N01 S	54.1	06/21/85	124.0(3)	-69.9	5121
		08/13/85	100.3	-46.2	
01N/21W-04N02 S	39.4	06/21/85	130.7	-91.3	5121
		08/08/85	134.8	-95.4	
01N/21W-05A02 S	50.8	06/21/85	27.4	23.4	5121
		08/08/85	25.0	25.8	
01N/21W-06L02 S	45.8	10/04/84	35.7	10.1	5121
		12/24/84	13.7	32.1	
		02/12/85	17.6	28.2	
		04/09/85	32.7	13.1	
		06/12/85	36.3	9.5	
		08/06/85	35.4	10.4	
01N/21W-07N01 S		10/22/84	NM-1		5121
	39.6	12/24/84	14.2	25.4	
		02/12/85	19.7	19.9	
		04/09/85	38.0	1.6	
		06/12/85	NM-7		
		08/06/85	NM-7		
01N/21W-08F01 S		10/04/84	NM-9		5121
01N/21W-17G02 S	28.6	10/04/84	43.5	-14.9	5121
		12/24/84	13.5	15.1	
		02/12/85	16.5	12.1	
		04/05/85	32.5	-3.9	
		06/11/85	39.6	-11.0	
		07/30/85	39.3	-10.7	
01N/21W-17G01 S	23.8	10/04/84	38.5	-14.7	5121
		12/24/84	16.3	7.5	
		02/12/85	16.5	7.3	
		04/05/85	32.0	-8.2	
		06/11/85	36.1	-12.3	
		07/30/85	36.0	-12.2	
01N/21W-17G02 S		10/29/84	NM-1		5411
	25.0	11/30/84	54.5	-29.5	
		01/04/85	36.9	-11.9	
		02/07/85	37.3	-12.3	
		02/15/85	36.1	-11.1	
		03/06/85	40.3	-15.3	
		04/03/85	44.5	-19.5	
		05/15/85	NM-1		
		06/05/85	NM-1		
		07/03/85	70.9	-45.9	
		07/24/85	NM-1		
		08/14/85	NM-1		
		08/19/85	80.3	-55.3	
		09/11/85	NM-1		
01N/21W-18Q01 S	26.0	10/04/84	32.5	-6.5	5121
		12/26/84	18.0	8.0	
		02/12/85	17.0	9.0	
		04/05/85	18.9	7.1	
		06/11/85	27.9	-1.9	
		08/06/85	30.5	-4.5	
01N/21W-19C01 S		10/29/84	NM-1		5411
	21.0	11/30/84	23.1	-2.1	
		01/04/85	22.8	-1.8	
		02/15/85	23.9	-2.9	
		07/24/85	35.8	-14.8	
		08/14/85	38.5	-17.5	
		09/11/85	56.3	-35.3	
01N/21W-19K10 S	15.3	10/04/84	33.7	-18.4	5121
		12/26/84	17.1	-1.8	
		02/12/85	12.3	3.0	
		04/05/85	23.1	-7.8	
		06/12/85	NM-9		
		08/06/85	29.1	-13.8	
01N/21W-20C05 S		10/29/84	NM-1		5411
	20.0	11/30/84	39.9	-19.9	
		01/04/85	16.7	3.3	
		02/15/85	19.3	.7	
		07/24/85	35.8	-15.8	
		08/14/85	40.0	-20.0	
		09/11/85	43.2	-23.2	
01N/21W-20N07 S	15.8	10/04/84	27.2	-11.4	5121
		12/24/84	11.2	4.6	
		02/12/85	11.7	4.1	
		04/05/85	19.4	-3.6	
		06/11/85	25.7	-9.9	
		08/06/85	25.7	-9.9	
01N/21W-21N01 S	15.2	10/04/84	71.6	-56.4	5121
		12/26/84	NM-9		
		02/07/85	36.3	-21.1	
		04/03/85	52.1	-36.9	
		06/12/85	74.4	-59.2	
		08/06/85	81.3	-66.1	
01N/21W-22P01 S		06/21/85	NM-7		5121
		08/13/85	NM-1		
01N/21W-29B03 S	17.9	10/04/84	35.4	-17.5	5121
		12/24/84	16.1	1.8	
		02/07/85	13.2	4.7	
		04/08/85	25.6	-7.7	
		06/12/85	29.2	-11.3	
		08/12/85	NM-1		
01N/21W-30F02 S	16.1	12/24/84	29.9	-13.8	5121

U LOS ANGELES HB
U-03 SANTA CLARA-CALLEGUAS HU
U-03.A OXNARD PLAIN HA
U-03.A1 OXNARD HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
01N/21W-30F02 S	16.1	02/12/85	29.0	-12.9	5121
		04/03/85	58.0	-41.9	
		06/06/85	68.4	-52.3	
		08/12/85	68.8	-52.7	
01N/21W-31L01 S	8.6	10/15/84	53.0	-44.4	5121
		12/26/84	56.0	-47.4	
		02/12/85	30.0	-21.4	
		04/08/85	25.0	-16.4	
		06/12/85	55.0	-46.4	
		08/12/85	NM-9		
01N/21W-32A01 S	10.0	10/15/84	59.5	-49.5	5121
		12/26/84	59.5	-49.5	
		02/12/85	39.5	-29.5	
		04/05/85	35.5	-25.5	
		06/12/85	59.5	-49.5	
		08/12/85	NM-9		
01N/21W-32G02 S	10.0	10/15/84	20.5	-10.5	5121
		12/26/84	9.8	.2	
		02/12/85	9.5	.5	
		04/08/85	14.0	-4.0	
		06/12/85	14.7	-4.7	
		07/30/85	18.8	-8.8	
01N/21W-32K01 S	10.1	10/15/84	55.0	-44.9	5121
		12/26/84	56.0	-45.9	
		02/12/85	30.0	-19.9	
		04/08/85	25.0	-14.9	
		06/12/85	55.0	-44.9	
		08/12/85	NM-9		
01N/21W-32L01 S	9.6	10/15/84	9.7	-.1	5121
		12/26/84	6.5	3.1	
		02/12/85	6.3	3.3	
		04/08/85	7.2	2.4	
		06/12/85	9.6	.0	
		07/30/85	9.9	-.3	
01N/21W-32Q01 S	9.5	10/15/84	59.0	-49.5	5121
		12/26/84	32.1	-22.6	
		02/12/85	27.5	-18.0	
		04/08/85	38.8	-29.3	
		06/12/85	55.0	-45.5	
		07/30/85	57.7	-48.2	
01N/22W-01A01 S	53.6	10/04/84	34.3	19.3	5121
		12/24/84	15.8	37.8	
		02/12/85	17.9	35.7	
		04/09/85	29.3	24.3	
		06/12/85	36.9	16.7	
		08/06/85	35.9	17.7	
01N/22W-03F01 S	55.7	10/03/84	34.7	21.0	4209
		10/18/84	34.7	21.0	
		11/01/84	36.7	19.0	
		11/08/84	36.7	19.0	
		11/15/84	36.7	19.0	
		12/03/84	28.7	27.0	
		12/06/84	26.7	29.0	
		12/20/84	27.7	28.0	
		12/27/84	26.7	29.0	
		01/03/85	25.7	30.0	
		01/24/85	27.7	28.0	
		01/31/85	27.7	28.0	
		02/07/85	28.7	27.0	
		02/14/85	27.7	28.0	
		02/19/85	46.7	9.0	
		02/21/85	29.7	26.0	
		02/28/85	29.7	26.0	
		03/07/85	29.7	26.0	
		03/14/85	27.7	28.0	
		04/11/85	31.7	24.0	
		04/18/85	37.7	18.0	
		04/25/85	35.7	20.0	
		05/09/85	36.7	19.0	
		05/30/85	36.7	19.0	
		06/07/85	39.7	16.0	
		06/14/85	39.7	16.0	
		06/20/85	39.7	16.0	
		06/28/85	28.7	27.0	
		07/11/85	29.7	26.0	
		07/18/85	29.7	26.0	
		07/26/85	29.7	26.0	
		08/01/85	39.7	16.0	
		08/29/85	42.7	13.0	
		09/06/85	43.7	12.0	
		09/13/85	43.7	12.0	
		09/19/85	43.7	12.0	
01N/22W-04F04 S	47.1	10/03/84	20.6	26.5	4209
		10/18/84	20.6	26.5	
		11/01/84	23.6	23.5	
		11/08/84	23.6	23.5	
		12/03/84	19.6	27.5	
		12/06/84	21.6	25.5	
		12/20/84	17.6	29.5	
		12/24/84	18.8	28.3	5121
		12/27/84	15.6	31.5	4209
		01/03/85	15.6	31.5	
		01/31/85	15.6	31.5	
		02/05/85	17.2	29.9	5121
		02/07/85	15.6	31.5	4209
		02/14/85	14.6	32.5	
		02/19/85	34.6	12.5	
		02/21/85	16.6	30.5	
		02/28/85	23.6	23.5	
		03/07/85	23.6	23.5	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

U LOS ANGELES MB
U-03 SANTA CLARA-CALLEGUAS HU
U-03.A OXNARD PLAIN HA
U-03.A1 OXNARD HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
01N/22W-04F04 S	47.1	03/14/85	16.6	30.5	4209
		04/01/85	21.8	25.3	5121
		04/11/85	20.6	26.5	4209
		04/18/85	21.6	25.5	
		04/25/85	22.6	24.5	
		05/09/85	25.6	21.5	
		05/30/85	25.6	21.5	
		06/06/85	30.8	16.3	5121
		06/07/85	28.6	18.5	4209
		06/14/85	26.6	20.5	
		06/20/85	26.6	20.5	
		06/28/85	28.6	18.5	
		07/11/85	28.6	18.5	
		07/18/85	28.6	18.5	
		07/26/85	28.6	18.5	
		08/01/85	32.8	14.3	5121
		09/13/85	37.6	9.5	4209
		09/19/85	38.6	8.5	
01N/22W-05G02 S	32.4	12/06/84	4.1	28.3	5121
		02/05/85	3.6	28.8	
		04/01/85	9.1	23.3	
		06/06/85	18.7	13.7	
		07/30/85	14.8	17.6	
01N/22W-10B02 S	50.0	10/03/84	41.0	9.0	4209
		10/18/84	43.0	7.0	
		10/25/84	43.0	7.0	
		11/01/84	43.0	7.0	
		11/08/84	44.0	6.0	
		12/03/84	42.0	8.0	
		12/06/84	43.0	7.0	
		12/20/84	42.0	8.0	
		12/27/84	40.0	10.0	
		01/03/85	40.0	10.0	
		01/24/85	41.0	9.0	
		01/31/85	41.0	9.0	
		02/07/85	39.0	11.0	
		02/14/85	37.0	13.0	
		02/39/85	56.0	-6.0	
		02/21/85	35.0	15.0	
		02/28/85	39.0	11.0	
		03/07/85	36.0	14.0	
		03/14/85	41.0	9.0	
		04/11/85	45.0	5.0	
		04/18/85	46.0	4.0	
		04/25/85	48.0	2.0	
		05/09/85	51.0	-1.0	
		05/30/85	54.0	-4.0	
		06/07/85	55.0	-5.0	
		06/14/85	55.0	-5.0	
		06/20/85	49.0	1.0	
		06/28/85	48.0	2.0	
		07/11/85	49.0	1.0	
		07/18/85	47.0	3.0	
		07/26/85	48.0	2.0	
		08/01/85	55.0	-5.0	
		08/29/85	63.0	-13.0	
		09/06/85	65.0	-15.0	
		09/13/85	62.0	-12.0	
		09/19/85	62.0	-12.0	
		09/26/85	65.0	-15.0	
01N/22W-10B03 S	44.0	10/03/84	29.0	15.0	4209
		10/18/84	30.0	14.0	
		10/25/84	31.0	13.0	
		11/01/84	31.0	13.0	
		11/08/84	32.0	12.0	
		11/15/84	26.0	18.0	
		12/03/84	24.0	20.0	
		12/06/84	24.0	20.0	
		12/20/84	23.0	21.0	
		12/27/84	22.0	22.0	
		01/03/85	22.0	22.0	
		01/24/85	24.0	20.0	
		01/31/85	21.0	23.0	
		02/07/85	22.0	22.0	
		02/14/85	21.0	23.0	
		02/19/85	40.0	4.0	
		02/21/85	22.0	22.0	
		02/28/85	24.0	20.0	
		03/07/85	23.0	21.0	
		03/14/85	24.0	20.0	
		04/11/85	29.0	15.0	
		04/18/85	29.0	15.0	
		04/25/85	31.0	13.0	
		05/09/85	34.0	10.0	
		05/30/85	35.0	9.0	
		06/07/85	36.0	8.0	
		06/14/85	36.0	8.0	
		06/20/85	33.0	11.0	
		06/28/85	33.0	11.0	
		07/11/85	33.0	11.0	
		07/18/85	34.0	10.0	
		07/26/85	34.0	10.0	
		08/01/85	35.0	9.0	
		08/29/85	42.0	2.0	
		09/06/85	43.0	1.0	
		09/13/85	42.0	2.0	
		09/39/85	42.0	2.0	
		09/26/85	44.0	.0	
01N/22W-30J01 S	46.0	10/04/84	28.0	18.0	5121
		12/24/84	12.9	33.1	
		02/12/85	12.0	34.0	
		04/05/85	23.3	22.7	
		06/12/85	27.0	19.0	
		07/30/85	26.2	19.8	

U LOS ANGELES MB
U-03 SANTA CLARA-CALLEGUAS HU
U-03.A OXNARD PLAIN HA
U-03.A1 OXNARD HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
01N/22W-13D02 S	41.7	10/04/84	47.6	-5.9	5121
		12/24/84	19.0	22.7	
		02/12/85	19.3	22.4	
		04/11/85	NN-1		
		06/11/85	40.4	1.3	
		08/12/85	41.3	.4	
01N/22W-13K02 S	36.0	10/04/84	61.9	-25.9	5121
		12/24/84	32.7	3.3	
		02/32/85	30.5	5.5	
		04/05/85	43.1	-7.1	
		06/13/85	57.0	-21.0	
		07/30/85	52.2	-16.2	
01N/22W-13N01 S	31.3	10/04/84	34.8	-3.5	5121
		12/24/84	14.9	16.4	
		02/12/85	15.4	15.9	
		04/05/85	30.7	.6	
		06/11/85	33.6	-2.3	
		08/06/85	33.4	-2.1	
01N/22W-14K03 S	32.9	10/04/84	30.6	2.3	5121
		12/26/84	9.6	23.3	
		02/12/85	8.7	24.2	
		04/05/85	27.4	5.5	
		06/11/85	26.6	6.3	
		07/30/85	24.4	8.5	
01N/22W-14R02 S	32.9	10/26/84	34.7	-1.8	5411
		11/30/84	21.4	11.5	
		02/19/85	19.8	13.1	
		04/08/85	27.4	5.5	
		07/17/85	31.0	1.9	
		07/24/85	30.3	2.6	
		08/14/85	33.8	-.9	
		09/11/85	41.5	-8.6	
01N/22W-16E01 S	20.3	10/26/84	7.3	13.0	5411
		11/29/84	-.5	20.8	
		12/06/84	FLOW		5121
		12/31/84	-3.9	24.2	5411
		02/05/85	FLOW		5121
		02/14/85	-3.1	23.4	5411
		03/14/85	-1.1	21.4	
		04/03/85	2.7	17.6	5121
		04/08/85	1.4	18.9	5411
		06/06/85	8.7	11.6	5121
		06/14/85	7.7	12.6	5411
		07/31/85	6.7	13.6	5121
		08/27/85	10.5	9.8	5411
01N/22W-17B01 S		10/26/84	NN-9		5411
		11/29/84	FLOW		
	16.2	12/06/84	.4	15.8	5121
		12/31/84	FLOW		5411
		02/05/85	FLOW		5121
		02/14/85	FLOW		5411
		03/14/85	FLOW		
		04/03/85	2.4	13.8	5121
		04/08/85	FLOW		5411
		06/06/85	9.9	6.3	5121
		07/31/85	10.0	6.2	
		08/27/85	13.2	3.0	5411
01N/22W-17D02 S		10/26/84	FLOW		5411
		11/29/84	FLOW		
		12/31/54	FLOW		
		02/14/85	FLOW		
		05/14/85	FLOW		
		04/08/85	FLOW		
		06/14/85	FLOW		
		08/27/85	NN-1		
01N/22W-17M03 S	9.0	10/26/84	-5.2	14.2	5411
		11/29/84	-12.6	21.6	
		12/06/84	FLOW		5121
		12/31/84	-15.5	24.5	5411
		02/05/85	FLOW		5121
		02/14/85	-13.7	22.7	5411
		03/14/85	-11.8	20.8	
		04/03/85	FLOW		5121
		04/08/85	-9.9	18.9	5411
		06/06/85	FLOW		5121
		06/14/85	-4.0	13.0	5411
		07/31/55	FLOW		5121
		08/27/85	-1.0	10.0	5411
01N/22W-20N02 S		12/06/84	FLOW		5121
		02/05/85	FLOW		
		04/03/85	FLOW		
		06/06/85	FLOW		
		07/31/85	FLOW		
01N/22W-21B03 S	18.0	12/24/84	3.7	14.3	5121
		02/05/85	FLOW		
		04/08/85	6.7	11.3	
		06/06/55	14.9	3.1	
		07/31/85	14.9	3.1	
01N/22W-22J07 S	17.0	12/06/84	8.0	9.0	5121
		02/05/85	5.4	11.6	
		03/26/85	8.6	8.4	
		06/06/85	7.5	9.5	
		07/31/85	15.1	1.9	
01N/22W-22J08 S	17.0	12/06/84	6.9	10.1	5121
		02/05/85	4.7	12.3	
		03/26/85	7.8	9.2	
		06/06/85	16.1	.9	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

U LOS ANGELES HB
U-03 SANTA CLARA-CALLEGUAS HU
U-03.A OXNARD PLAIN HA
U-03.A1 OXNARD HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
01N/22W-22J08 S	17.0	07/31/85	13.8	3.2	5121
01N/22W-22M05 S	16.4	12/06/84	2.6	13.8	5121
		02/12/85	-.1	16.5	
		03/26/85	3.1	13.3	
		06/06/85	10.7	5.7	
		07/31/85	9.1	7.3	
01N/22W-23001 S	18.8	12/06/84	7.8	11.0	5121
		02/12/85	5.2	13.6	
		04/03/85	10.4	8.4	
		06/06/85	18.7	.1	
		07/31/85	16.4	2.4	
01N/22W-26K04 S	12.6	12/06/84	35.6	-23.0	5121
		02/12/85	22.7	-10.1	
		03/26/85	33.6	-21.0	
		06/06/85	31.4	-38.8	
		08/12/85	NM-1		
01N/22W-26M03 S	11.2	10/22/84	54.7	-43.5	5121
		12/06/84	31.3	-20.1	
		02/12/85	18.1	-6.9	
		03/26/85	30.5	-19.3	
		06/06/85	47.5	-36.3	
		08/12/85	NM-1		
01N/22W-27B04 S	14.0	12/06/84	24.6	-10.6	5121
		02/12/85	12.9	1.1	
		03/26/85	20.4	-6.4	
		06/06/85	34.4	-20.4	
		07/31/85	36.6	-22.6	
01N/22W-27R01 S		12/06/84	FLOW		5121
		02/12/85	FLOW		
		03/26/85	FLOW		
	9.0	06/06/85	3.9	5.1	
		07/31/85	2.4	6.6	
01N/22W-28M03 S	10.0	10/26/84	3.0	7.0	5411
		11/27/84	-1.5	11.5	
		02/14/85	-3.3	13.3	
		04/08/85	-.7	10.7	
		06/14/85	.7	9.3	
		07/24/85	NM-9		
		08/14/85	3.6	6.4	
		09/11/85	4.5	5.5	
01N/22W-36B02 S		10/22/84	NM-1		5121
	10.8	12/06/84	43.2	-34.4	
		02/12/85	NM-1		
		04/03/85	52.3	-41.5	
		06/06/85	67.3	-56.5	
		07/31/85	69.9	-59.1	
01N/22W-36L01 S	6.9	12/24/84	3.2	3.7	5121
		02/12/85	3.8	3.1	
		04/03/85	9.2	-2.3	
		06/06/85	15.2	-8.3	
		08/12/85	NM-1		
02N/21W-06L01 S	149.0	10/26/84	41.6	107.4	5411
		11/27/84	45.3	103.7	
		12/26/84	26.0	123.0	
		01/31/85	31.3	117.7	
		04/02/85	38.7	110.3	
		06/14/85	51.0	98.0	
		07/24/85	57.8	91.2	
		08/14/85	61.1	87.9	
		09/11/85	65.9	83.1	
02N/21W-06P01 S	150.1	10/23/84	47.0	103.1	5411
		11/26/84	50.3	99.6	
		12/26/84	31.1	119.0	
		01/31/85	NM-1		
		04/02/85	42.1	108.0	
		06/14/85	58.4	91.7	
		07/24/85	65.0	85.1	
		08/14/85	69.6	80.5	
		09/11/85	74.3	75.8	
02N/21W-07P02 S	140.9	11/29/84	57.0	83.9	5121
		01/31/85	47.8	93.1	
		03/22/85	57.1	83.8	
		06/17/85	NM-7		
		08/08/85	85.6	55.3	
02N/21W-18H03 S	117.9	11/29/84	37.5	80.4	5121
		01/31/85	30.8	87.1	
		04/12/85	37.9	80.0	
		06/17/85	50.1	67.8	
		08/14/85	NM-1		
02N/21W-18H10 S		10/10/84	NM-1		5121
	118.3	11/29/84	54.8	63.5	
		01/31/85	48.8	69.5	
		04/17/85	NM-1		
		06/17/85	NM-1		
		08/14/85	NM-1		
02N/21W-19A03 S	101.9	12/26/84	35.0	66.9	5121
		01/31/85	36.6	65.3	
		04/09/85	46.4	55.5	
		06/17/85	60.0	41.9	
		08/15/85	66.0	35.9	
02N/21W-19B02 S	100.1	11/30/84	29.3	70.8	5121
		01/31/85	25.1	75.0	
		04/09/85	30.6	69.5	

U LOS ANGELES HB
U-03 SANTA CLARA-CALLEGUAS HU
U-03.A OXNARD PLAIN HA
U-03.A1 OXNARD HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
02N/21W-19B02 S		06/17/85	NM-1		5121
	100.1	08/08/85	47.1	53.0	
02N/21W-20F02 S	110.8	11/30/84	85.8	23.0	5121
		01/25/85	84.9	25.9	
		03/29/85	83.5	27.3	
		06/17/85	NM-7		
		07/24/85	107.5	3.3	
		09/26/85	103.9	6.9	
02N/21W-29L03 S		10/21/84	NM-1		5411
	77.0	11/26/84	81.3	-4.3	
		12/31/84	77.9	-.9	
		02/06/85	NM-1		
		02/07/85	NM-1		
		02/15/85	77.1	-.1	
		03/06/85	78.1	-1.1	
		04/02/85	NM-1		
		04/04/85	92.8	-15.8	
		05/15/85	NM-1		
		06/03/85	NM-1		
		07/03/85	NM-1		
		07/24/85	93.2	-16.2	
		08/14/85	NM-1		
		09/05/85	92.6	-15.6	
		09/11/85	NM-1		
02N/21W-30P02 S	64.2	11/30/84	15.3	48.9	5121
		02/11/85	12.2	52.0	
		04/17/85	23.7	40.5	
		06/17/85	NM-1		
		08/08/85	31.3	32.9	
02N/21W-31P02 S	56.5	12/24/84	14.9	41.6	5121
		02/12/85	16.4	40.1	
		04/09/85	27.7	28.8	
		06/12/85	36.3	20.2	
		08/06/85	33.8	22.7	
02N/21W-31P03 S		10/22/84	NM-1		5121
		12/26/84	NM-1		
	57.3	02/12/85	81.1	-23.8	
		04/09/85	88.4	-31.1	
		06/12/85	NM-1		
		08/06/85	107.9	-50.6	
02N/22W-08N01 S		10/09/84	NM-1		5121
	203.8	12/10/84	178.5	25.3	
		02/08/85	167.5	36.3	
		04/04/85	167.6	36.2	
		05/20/85	NM-1		
		07/30/85	181.2	22.6	
02N/22W-08P01 S		12/10/84	NM-9		5121
	214.6	02/11/85	175.9	38.7	
		04/15/85	172.9	41.7	
		06/18/85	188.9	25.7	
		08/09/85	190.9	23.7	
02N/22W-09K03 S	243.9	10/09/84	210.2	33.7	5121
		12/10/84	208.8	35.1	
		02/08/85	199.9	44.0	
		04/08/85	198.4	45.5	
		06/19/85	207.5(4)	36.4	
		08/06/85	NM-1		
02N/22W-13G02 S		10/24/84	NM-1		5411
	127.8	11/28/84	53.7	74.1	
		01/31/85	47.7	80.1	
		04/02/85	49.2	78.6	
		06/14/85	NM-1		
		07/17/85	NM-1		
		07/24/85	NM-1		
		08/18/85	NM-1		
		09/11/85	NM-1		
02N/22W-14P02 S	108.0	06/13/85	63.9	44.1	5411
02N/22W-16K01 S	150.0	10/09/84	114.9	35.1	5121
		12/10/84	NM-1		
		02/08/85	111.9	38.1	
		04/10/85	114.3	35.7	
		06/17/85	120.9	29.1	
		08/06/85	NM-1		
02N/22W-22H01 S	98.7	10/09/84	40.8	57.9	5121
		12/10/84	50.4	48.3	
		02/08/85	41.3	57.4	
		04/04/85	43.7	55.0	
		06/17/85	57.9	40.8	
		07/30/85	62.6	36.1	
02N/22W-22M04 S	80.4	10/09/84	34.6	45.8	5121
		12/06/84	36.7	43.7	
		02/08/85	32.2	48.2	
		04/04/85	34.5	45.9	
		06/17/85	44.6	35.8	
		07/30/85	48.8	31.6	
02N/22W-23P01 S	109.0	10/03/84	37.7	71.3	5411
		10/19/84	48.2	60.8	
		10/31/84	53.4	55.6	
		11/21/84	51.4	57.6	
		12/20/84	49.8	59.2	
		01/02/85	44.9	64.1	
		01/16/85	43.4	65.6	
		01/30/85	41.8	67.2	
		02/13/85	39.3	69.7	
		03/21/85	43.4	65.6	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

U LOS ANGELES HB
U-03 SANTA CLARA-CALLEGUAS HU
U-03.4 OXNARD PLAIN HA
U-03.41 OXNARD HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
02N/22W-23B01 S	109.0	04/11/85	49.6	59.4	5411
		05/03/85	55.0	54.0	
		06/13/85	64.7	44.3	
02N/22W-23B02 S	108.0	10/03/84	40.9	67.1	5411
		10/19/84	49.2	58.8	
		10/31/84	54.1	53.9	
		11/21/84	51.7	56.3	
		12/20/84	50.2	57.8	
		01/02/85	47.0	61.0	
		01/16/85	46.4	61.6	
		01/30/85	43.1	64.9	
02N/22W-23C01 S	107.0	10/03/84	37.1	69.9	5411
		10/19/84	48.6	58.4	
		10/31/84	53.2	53.8	
		11/21/84	51.8	55.2	
		12/20/84	49.3	57.7	
		01/02/85	45.8	61.2	
		01/16/85	44.9	62.1	
		01/30/85	43.7	63.3	
		02/13/85	41.4	65.6	
		03/21/85	43.7	63.3	
		04/12/85	49.9	57.1	
		05/03/85	55.3	51.7	
		06/13/85	63.8	43.2	
02N/22W-23C02 S	107.0	10/03/84	42.5	64.5	5411
		10/19/84	51.1	55.9	
		10/31/84	55.8	51.2	
		11/21/84	52.6	54.4	
		12/20/84	51.2	55.8	
		01/02/85	48.6	58.4	
		01/16/85	47.9	59.1	
		01/30/85	45.9	61.1	
		02/13/85	NM-9		
		05/03/85	56.6	50.4	
		06/13/85	65.1	41.9	
02N/22W-23C03 S	107.0	10/03/84	55.6	51.4	5411
		10/12/84	55.4	51.6	
		10/19/84	55.9	51.1	
		10/24/84	56.7	50.3	
		10/31/84	58.3	48.7	
		11/07/84	59.4	47.6	
		11/16/84	58.5	48.5	
		11/21/84	59.1	47.9	
		11/28/84	58.8	48.2	
		12/12/84	56.7	50.3	
		12/20/84	58.6	48.4	
		12/26/84	57.5	49.5	
		01/02/85	56.8	50.2	
		01/09/85	56.3	50.7	
		01/16/85	56.1	50.9	
		01/23/85	56.2	50.8	
		01/30/85	54.7	52.3	
		02/13/85	53.2	53.8	
		02/20/85	54.1	52.9	
		03/06/85	52.8	54.2	
		03/21/85	53.3	53.7	
		04/12/85	56.0	51.0	
		05/03/85	58.9	48.1	
		06/13/85	66.3	40.7	
02N/22W-23G02 S	106.5	10/03/84	36.3	70.2	5411
		10/09/84	48.0	58.5	
		10/31/84	53.0	53.5	
		11/21/84	50.5	56.0	
		12/20/84	48.4	58.1	
		01/02/85	43.2	63.3	
		01/16/85	41.0	65.5	
		01/30/85	40.0	66.5	
		02/13/85	38.1	68.4	
		03/21/85	42.3	64.2	
		04/11/85	44.3	62.2	
		05/03/85	54.7	51.8	
		06/13/85	64.1	42.4	
02N/22W-23K01 S	105.0	10/03/84	29.8	75.2	5411
		10/19/84	43.4	61.6	
		10/31/84	78.9	26.1	
		11/16/84	51.8	53.2	
		11/21/84	49.0	56.0	
		12/20/84	44.6	60.4	
		01/02/85	38.3	66.7	
		01/16/85	35.3	69.7	
		01/30/85	34.7	70.3	
		02/13/85	33.0	72.0	
		03/21/85	37.5	67.5	
		04/11/85	39.7	65.3	
		05/03/85	50.6	54.4	
		06/13/85	60.8	44.2	
02N/22W-23K04 S	105.8	10/03/84	71.7	34.1	5411
		10/12/84	71.2	34.6	
		10/19/84	71.0	34.8	
		10/24/84	72.6	33.2	
		10/31/84	74.4	31.4	
		11/07/84	75.6	30.2	
		11/16/84	74.7	31.1	
		11/21/84	72.6	33.2	
		11/28/84	70.7	35.1	
		12/12/84	76.5	29.3	
		12/20/84	78.5	27.3	
		12/26/84	76.0	29.8	
		01/02/85	74.3	31.5	
		01/09/85	73.2	32.6	
		01/16/85	73.0	32.8	
		01/23/85	72.9	32.9	

U LOS ANGELES HB
U-03 SANTA CLARA-CALLEGUAS HU
U-03.4 OXNARD PLAIN HA
U-03.41 OXNARD HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
02N/22W-23K04 S	105.8	01/30/85	69.6	36.2	5411
		02/13/85	73.6	32.2	
		02/20/85	73.6	32.2	
		03/06/85	70.2	35.6	
		03/21/85	69.7	36.1	
		04/12/85	72.0	33.8	
		05/03/85	72.2	33.6	
		06/13/85	78.8	27.0	
02N/22W-23K05 S	100.0	10/03/84	37.0	63.0	5411
		10/19/84	45.0	55.0	
		10/31/84	50.1	49.9	
		11/21/84	48.6	51.4	
		12/20/84	45.8	54.2	
		01/02/85	40.8	59.2	
		01/16/85	39.0	61.0	
		01/30/85	37.2	62.8	
		02/13/85	37.7	62.3	
		03/21/85	39.6	60.4	
		04/12/85	45.3	54.7	
		05/03/85	51.2	48.8	
		06/13/85	59.9	40.1	
02N/22W-24P01 S	93.8	10/10/84	36.9	56.9	5121
		11/30/84	41.4	52.4	
		01/31/85	35.2	58.6	
		03/22/85	36.5	57.3	
		06/17/85	54.6	39.2	
		08/14/85	NM-9		
02N/22W-26E01 S	85.7	10/09/84	35.3	50.4	5121
		12/10/84	39.4	46.3	
		02/08/85	33.1	52.6	
		04/04/85	35.6	50.1	
		06/17/85	48.4	37.3	
		07/31/85	51.5	34.2	
02N/22W-27F04 S	75.2	10/09/84	32.8	42.4	5121
		12/10/84	33.1	42.1	
		02/08/85	29.7	45.5	
		04/04/85	31.3	43.9	
		06/17/85	42.5	32.7	
		07/30/85	43.2	32.0	
02N/22W-28L01 S	66.4	12/24/84	23.4	43.0	5121
		02/05/85	23.2	43.2	
		04/01/85	26.5	39.9	
		06/06/85	38.5	27.9	
		07/30/85	36.4	30.0	
02N/22W-31A01 S	41.7	12/06/84	10.6	31.1	5121
		02/05/85	12.0	29.7	
		04/01/85	16.1	25.6	
		06/04/85	30.3	11.4	
		07/30/85	23.0	18.7	
02N/22W-35C01 S	75.2	11/30/84	31.6	43.6	5121
		01/31/85	27.1	48.1	
		03/22/85	26.8	46.4	
		06/17/85	40.7	34.5	
		08/08/85	44.4	30.8	
02N/22W-36M02 S	67.0	10/25/84	33.6	33.4	5411
		11/28/84	26.7	40.3	
		12/31/84	22.3	44.7	
		02/19/85	NM-4		
		07/24/85	39.9	27.1	
		08/14/85	43.1	23.9	
		09/11/85	48.0	19.0	
02N/23W-24G01 S	27.1	10/26/84	21.0	6.1	5411
		11/29/84	12.3	14.8	
		12/31/84	10.0	17.1	
		02/13/85	9.9	17.6	
		04/08/85	16.5	10.6	
		06/13/85	17.2	9.9	
		07/26/85	15.8	11.3	
		08/27/85	24.2	2.9	
02N/23W-25G02 S		12/06/84	FLOW		5121
		02/05/85	FLOW		
		04/01/85	FLOW		
	18.3	06/04/85	17.2	1.1	
		07/30/85	5.1	13.2	
02N/23W-36C04 S	27.6	12/06/84	3.1	24.5	5121
		02/05/85	4.8	22.8	
		04/01/85	8.4	19.2	
		06/04/85	23.1	4.5	
		07/30/85	13.1	14.5	
U-03.42 PLEASANT VALLEY HSA					
01N/20W-06C01 S	124.5	10/10/84	82.6	41.9	5121
		12/12/84	77.3	47.2	
		02/05/85	74.3	50.2	
		04/11/85	72.8	51.7	
		06/18/85	83.2	41.3	
		08/09/85	79.0	45.5	
01N/20W-06J01 S		12/12/84	NM-6		5121
01N/21W-01B04 S	115.9	12/26/84	152.9	-37.0	5121
		02/01/85	166.5	-50.6	
		04/23/85	194.1	-78.2	
		06/18/85	205.0	-89.1	
		08/13/85	207.0	-91.1	
01N/21W-02J02 S		06/18/85	NM-7		5121

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U LOS ANGELES HB					
U-03 SANTA CLARA-CALLEGUAS HU					
U-03.4 OXNARD PLAIN HA					
U-03.42 PLEASANT VALLEY HSA					
01N/21W-02J02 S	90.0	08/09/85	122.3	-32.3	5121
01N/21W-02P01 S	66.6	06/21/85	122.7	-56.1	5121
		08/08/85	129.8	-63.2	
01N/21W-03C01 S		06/18/85	NM-7		5121
		08/15/85	NM-1		
01N/21W-03D01 S	66.3	06/21/85	130.7	-64.4	5121
		08/08/85	137.1	-70.8	
01N/21W-03J01 S		06/21/85	NM-7		5121
	59.7	08/08/85	171.4	-111.7	
01N/21W-03L02 S		06/21/85	NM-7		5121
		08/15/85	NM-7		
01N/21W-03N02 S	45.6	06/21/85	139.3	-93.7	5121
		08/09/85	153.8	-108.2	
01N/21W-09C03 S		06/21/85	NM-7		5121
	36.1	08/13/85	134.9	-98.8	
01N/21W-10E01 S		06/21/85	NM-7		5121
	32.2	08/15/85	127.2	-95.0	
01N/21W-10G01 S		06/21/85	NM-7		5121
	39.1	08/13/85	141.6	-102.5	
01N/21W-12F03 S		06/21/85	NM-7		5121
	75.0	08/08/85	39.4	35.6	
01N/21W-14A01 S		06/21/85	NM-7		5121
	50.9	08/13/85	32.4	18.5	
01N/21W-15N01 S		06/21/85	NM-7		5121
	30.7	08/08/85	20.4	10.3	
01N/21W-15P02 S		06/21/85	NM-7		5121
	22.7	08/08/85	121.2(6)	-98.5	
01N/21W-16A04 S	29.0	10/17/84	102.9	-73.9	5121
		12/24/84	61.9	-32.9	
		02/07/85	67.2	-38.2	
		04/11/85	NM-1		
		06/11/85	123.2	-94.2	
		07/31/85	121.8	-92.8	
01N/21W-16M01 S	22.4	10/04/84	95.6	-73.2	5121
		12/24/84	54.6	-32.2	
		02/07/85	55.8	-33.4	
		04/03/85	68.4	-46.0	
		06/11/85	103.9	-81.5	
		08/06/85	105.4	-83.0	
01N/21W-16P03 S		10/22/84	NM-1		5121
	18.3	12/24/84	60.6	-42.3	
		02/07/85	58.0	-39.7	
		04/05/85	69.5	-51.2	
		06/12/85	NM-1		
		08/30/85	113.5	-95.2	
02N/20W-19N04 S	199.1	12/26/84	320.6	-121.5	5121
		02/01/85	330.2	-131.1	
		04/09/85	331.2	-132.1	
		06/17/85	340.9	-141.8	
		08/14/85	338.9	-139.8	
02N/20W-28G02 S	170.0	10/10/84	65.0	105.0	5121
		12/12/84	64.5	105.5	
		02/05/85	64.6	105.4	
		04/11/85	64.3	105.7	
		06/18/85	64.1	105.9	
		08/09/85	63.9	106.1	
02N/20W-30F01 S	181.1	12/21/84	277.6	-96.5	5121
		02/05/85	285.2	-104.1	
		04/23/85	284.7	-103.6	
		06/17/85	NM-7		
		08/14/85	283.3	-102.2	
02N/20W-31B01 S	155.3	12/12/84	130.6	24.7	5121
		02/05/85	128.9	26.4	
		04/11/85	127.0	28.3	
		06/18/85	127.8	27.5	
		08/14/85	128.0	27.3	
02N/20W-31F02 S	144.4	10/12/84	133.5	10.9	5121
		12/11/84	125.9	18.5	
		02/04/85	121.1	23.3	
		04/11/85	120.9	23.5	
		06/18/85	NM-6		
02N/20W-32D01 S		12/11/84	NM-1		5121
	165.3	02/01/85	191.6	-26.3	
		04/23/85	193.4	-28.1	
		06/18/85	201.7	-36.4	
		08/14/85	196.5	-31.2	
02N/21W-23L02 S		12/11/84	NM-9		5121
	220.0	02/01/85	296.4	-76.4	
		04/09/85	288.7	-68.7	
		06/17/85	299.3	-79.3	
		08/14/85	298.7	-78.7	
02N/21W-24F01 S	315.8	12/12/84	416.9	-101.1	5121
		02/01/85	415.7	-99.9	
		04/09/85	414.9	-99.1	
		06/17/85	418.5	-102.7	
02N/21W-24F01 S	315.8	08/09/85	420.8	-104.0	5121
02N/21W-33P02 S	65.0	06/21/85	149.6	-84.6	5121
		08/08/85	149.6(3)	-84.6	
02N/21W-34D02 S	90.0	10/12/84	159.3	-69.3	5121
		11/30/84	153.7	-63.7	
		01/31/85	144.8	-54.8	
		04/09/85	151.4	-61.4	
		06/21/85	178.6	-88.6	
		08/08/85	179.2	-89.2	
02N/21W-34J01 S	82.0	10/31/84	168.6	-86.6	5411
		11/30/84	142.7	-60.7	
		12/31/84	127.9	-45.9	
		02/15/85	129.5	-47.5	
		07/24/85	172.7	-90.7	
		08/18/85	174.8	-92.8	
		09/11/85	171.3	-89.3	
02N/21W-35K01 S		06/18/85	NM-7		5121
		08/14/85	NM-7		
02N/21W-36L02 S	124.6	06/18/85	176.5	-51.9	5121
		08/14/85	175.0	-50.4	
02N/21W-36N01 S		06/18/85	NM-7		5121
	110.1	08/09/85	123.9	-13.8	
U-03.8 SANTA PAULA HA					
U-03.81 SULPHUR SPRINGS HSA					
02N/22W-02C01 S	177.4	12/06/84	28.3	149.1	5121
		02/05/85	26.9	150.5	
		03/22/85	27.7	149.7	
		05/31/85	32.3	145.1	
		07/25/85	38.9	138.5	
02N/22W-03K02 S	248.1	12/06/84	112.3	135.8	5121
		02/05/85	111.3	136.8	
		03/22/85	105.6	142.5	
		06/05/85	114.9	133.2	
		07/25/85	115.2	132.9	
02N/22W-03M02 S	291.9	12/06/84	189.4	102.5	5121
		02/05/85	183.3	108.6	
		03/22/85	180.0	111.9	
		05/31/85	185.1	106.8	
		07/25/85	189.1	102.8	
02N/22W-03R02 S	214.2	12/06/84	93.3	120.9	5121
		02/05/85	93.7	120.5	
		04/22/85	NM-1		
		05/31/85	94.2	120.0	
		07/30/85	94.4	119.8	
02N/22W-10C02 S	238.6	12/06/84	125.8	112.8	5121
		02/05/85	128.2	110.4	
		03/22/85	127.8	110.8	
		05/31/85	127.6	111.0	
		07/26/85	128.0	110.6	
02N/22W-11A01 S	129.5	12/06/84	40.4	89.1	5121
		02/05/85	35.2	94.3	
		03/22/85	38.8	90.7	
		06/05/85	51.0	78.5	
		07/25/85	59.3	70.2	
03N/21W-03R02 S	369.0	11/03/84	215.4	153.6	2225
		12/05/84	142.5	226.5	
		01/03/85	153.6	215.4	
		02/01/85	151.5	217.5	
		03/04/85	168.3	200.7	
		04/04/85	161.4	207.6	
		05/08/85	153.6	215.4	
		06/05/85	165.5	203.5	
		07/08/85	157.3	211.7	
		08/04/85	180.6	188.4	
		09/03/85	172.0	197.0	
03N/21W-09K02 S		10/11/84	NM-1		5121
	361.6	12/06/84	163.4	198.2	
		02/05/85	156.7	204.9	
		04/12/85	166.5	195.1	
		05/31/85	171.4	190.2	
		08/13/85	NM-1		
03N/21W-09R03 S	295.0	10/02/84	106.9	188.1	2225
		11/02/84	104.3	190.7	
		12/05/84	93.8	201.2	
		01/03/85	89.5	205.5	
		02/01/85	86.6	208.4	
		03/01/85	90.1	204.9	
		04/02/85	94.5	200.5	
		05/06/85	96.5	198.5	
		06/03/85	101.5	193.5	
		07/03/85	105.7	189.3	
		08/05/85	104.8	190.2	
		09/03/85	108.2	186.8	
03N/21W-09R04 S	292.0	10/02/84	115.8(1)	176.2	2225
		11/02/84	101.4(1)	190.6	
		12/05/84	92.1	199.9	
		01/03/85	87.4	204.6	
		02/01/85	84.7	207.3	
		03/01/85	86.8	205.2	
		04/02/85	91.7	200.3	
		05/06/85	93.7	198.3	
		06/03/85	103.4	188.6	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

U LOS ANGELES HB
U-03 SANTA CLARA-CALLEGUAS HU
U-03.8 SANTA PAULA HA
U-03.81 SULPHUR SPRINGS HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
03N/21W-09R04 S	292.0	07/03/85	101.8	190.2	2225
		08/03/85	103.4	188.6	
		09/03/85	103.4	188.6	
03N/21W-11R01 S	336.7	12/06/84	87.5	249.2	5121
		02/05/85	84.9	251.8	
		03/22/85	91.0	245.7	
		06/05/85	101.6	235.1	
		07/25/85	106.8	229.9	
03N/21W-11D02 S	329.9	10/02/84	208.1(1)	121.8	2225
		11/02/84	221.9(1)	108.0	
		12/03/84	205.0(1)	124.9	
		01/03/85	198.8(1)	131.1	
		02/01/85	204.6(1)	125.3	
		03/04/85	192.2(1)	137.7	
		04/02/85	200.8(1)	129.1	
		05/08/85	222.0(1)	107.9	
		06/04/85	221.2(1)	108.7	
		07/05/85	217.9(1)	112.0	
		08/05/85	227.6(1)	102.3	
		09/03/85	218.9(1)	111.0	
03N/21W-11E03 S	315.0	10/02/84	105.8(1)	209.2	2225
		11/02/84	96.8	218.2	
		12/03/84	86.9	228.1	
		01/03/85	86.8	228.2	
		02/01/85	80.1	234.9	
		03/04/85	83.4	231.6	
		04/02/85	90.6	224.4	
		05/08/85	85.6	229.4	
		06/04/85	107.8(1)	207.2	
		07/05/85	113.4(1)	201.6	
		08/05/85	118.8(1)	196.2	
		09/03/85	122.0(1)	193.0	
03N/21W-11F03 S	306.0	10/02/84	121.5(1)	184.5	2225
		11/02/84	109.0(1)	197.0	
		12/03/84	82.5	223.5	
		01/03/85	71.4	234.6	
		02/01/85	69.4	236.6	
		03/04/85	69.3	236.7	
		04/02/85	109.6(1)	196.4	
		05/08/85	108.5(1)	197.5	
		06/04/85	81.1	224.9	
		07/05/85	112.0(1)	194.0	
		08/05/85	108.1(1)	197.9	
		09/03/85	109.6(1)	196.4	
03N/21W-11H03 S	309.4	10/31/84	68.2	241.2	5411
		11/30/84	58.2	251.2	
		08/07/85	72.4	237.0	
		09/25/85	73.1	236.3	
03N/21W-11J01 S	288.5	10/31/84	49.7	238.8	5411
		11/30/84	43.6	242.9	
		08/07/85	NM-1		
		09/25/85	NM-1		
03N/21W-11P01 S		10/30/84	NM-2		5411
		11/24/84	NM-2		
03N/21W-12E04 S	276.0	10/02/84	69.1(1)	206.9	2225
		11/01/84	67.5(1)	208.5	
		12/03/84	13.6	262.4	
		01/02/85	11.5	264.5	
		02/01/85	10.5	265.5	
		03/01/85	50.4(1)	225.6	
		04/01/85	19.0	257.0	
		05/08/85	34.1	241.9	
		06/03/85	58.1(1)	217.9	
		07/01/85	60.2	215.8	
		08/02/85	65.3(1)	210.7	
		09/02/85	67.5(1)	208.5	
03N/21W-12E08 S	279.8	10/02/84	63.9(1)	215.9	2225
		11/01/84	63.3(1)	216.5	
		12/03/84	17.3	262.5	
		01/02/85	15.0	264.8	
		02/01/85	14.0	265.8	
		03/01/85	21.0	258.8	
		04/01/85	47.2(1)	232.6	
		05/08/85	56.0(1)	223.8	
		06/08/85	34.0	245.8	
		07/01/85	59.9(1)	219.9	
		08/02/85	36.8	243.0	
		09/02/85	62.9(1)	216.9	
03N/21W-12F03 S	277.0	10/02/84	81.7(1)	195.3	2225
		11/01/84	80.0(1)	197.0	
		12/03/84	12.5	264.5	
		01/02/85	10.9	266.1	
		02/01/85	10.8	266.2	
		03/01/85	16.8	260.2	
		04/01/85	17.5	259.5	
		05/08/85	46.0(1)	231.0	
		06/03/85	37.7(1)	239.3	
		07/01/85	29.9	247.1	
		08/02/85	49.5(1)	227.5	
		09/02/85	30.7	246.3	
03N/21W-15C02 S	242.0	10/03/84	46.9	195.1	2225
		11/02/84	44.9	197.1	
		12/04/84	38.2	203.8	
		01/02/85	30.0	212.0	
		02/01/85	30.0	212.0	
		03/01/85	30.4	211.6	
		04/04/85	34.9	207.1	
		05/06/85	37.0	205.0	

U LOS ANGELES HB
U-03 SANTA CLARA-CALLEGUAS HU
U-03.8 SANTA PAULA HA
U-03.81 SULPHUR SPRINGS HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
03N/21W-15C02 S	242.0	06/03/85	39.9	202.1	2225
		07/04/85	42.9(1)	199.1	
		08/05/85	56.9(1)	185.1	
		09/02/85	54.4(1)	187.6	
03N/21W-15C03 S	242.2	10/03/84	54.2	188.0	2225
		11/02/84	52.2	190.0	
		12/04/84	44.2	198.0	
		01/02/85	40.1	202.1	
		02/03/85	34.4	207.8	
		03/01/85	41.2	201.0	
		04/04/85	42.3	199.9	
		05/03/85	47.4	194.8	
		06/03/85	50.1	192.1	
		07/04/85	53.2	189.0	
		08/05/85	54.2	188.0	
		09/02/85	55.0	187.2	
03N/21W-15C04 S	241.4	10/03/84	44.8	196.6	2225
		11/02/94	50.4	191.0	
		12/04/84	38.6	202.8	
		01/02/85	32.6	208.8	
		02/01/85	30.4	211.0	
		03/01/85	46.9(1)	194.5	
		04/04/85	34.6	206.8	
		05/06/85	36.3	205.1	
		06/03/85	43.8	197.6	
		07/04/85	46.6	194.8	
		08/05/85	57.9(1)	183.5	
		09/02/85	46.8	194.6	
03N/21W-15C06 S	244.0	10/03/84	88.7(1)	155.3	2225
		11/02/84	91.2(1)	152.8	
		12/04/84	81.7(1)	162.3	
		01/02/85	78.9(1)	165.1	
		02/01/85	35.7	208.3	
		03/01/85	93.4(1)	150.6	
		04/04/85	106.6(1)	137.4	
		05/03/85	97.7(1)	146.3	
		06/03/85	96.9(1)	147.1	
		07/04/85	110.6(1)	133.4	
		08/05/85	104.3(1)	139.7	
		09/02/85	138.7(1)	105.3	
03N/21W-16A02 S	268.8	10/02/84	77.9	190.9	2225
		11/02/84	75.7	193.1	
		12/05/84	68.3	200.5	
		01/03/85	62.5	206.3	
		02/01/85	61.5	207.3	
		03/01/85	62.8	206.0	
		04/02/85	67.2	201.6	
		05/08/85	89.9	176.9	
		06/03/85	88.3	180.5	
		07/03/85	92.2(1)	176.6	
		08/05/85	79.1	189.7	
		09/02/85	87.4	181.4	
03N/21W-16G01 S	244.1	10/01/84	62.9(1)	181.2	2225
		11/02/84	63.0(1)	181.1	
		12/05/84	48.0	196.1	
		01/03/85	50.7	193.4	
		02/01/85	49.3(1)	194.8	
		03/01/85	51.2(1)	192.9	
		04/02/85	54.8(1)	189.3	
		05/08/85	69.2(1)	174.9	
		06/03/85	60.1(1)	184.0	
		07/03/85	67.1(1)	177.0	
		08/05/85	67.1(1)	177.0	
		09/02/85	66.0(1)	178.1	
03N/21W-16K01 S	232.0	10/01/84	45.2	186.8	5411
		11/02/84	45.7	186.3	
		12/05/84	38.2	193.8	2225
		12/06/84	38.2	193.8	5411
		01/03/85	33.9	198.1	2225
		02/01/85	35.8	196.2	
		03/01/85	35.8	196.2	
		04/01/85	67.2(1)	164.8	
		05/06/85	39.1	192.9	
		06/03/85	73.6(1)	158.4	
		07/03/85	76.1(1)	155.9	
		08/02/85	45.9	186.1	
		09/02/85	47.0	185.0	
		09/03/85	47.0	185.0	5411
03N/21W-16K02 S	228.0	10/01/84	42.8	185.2	2225
		11/02/84	40.9	187.1	
		12/05/84	35.1	192.9	
		01/03/85	30.3	197.7	
		02/01/85	29.0	199.0	
		03/01/85	29.7	198.3	
		04/01/85	32.9	195.1	
		05/06/85	35.3	192.7	
		06/03/85	39.9	188.1	
		07/03/85	33.8	194.2	
		08/02/85	41.1	186.9	
		09/02/85	42.8	185.2	
03N/21W-16K03 S	228.7	10/01/84	157.0(1)	71.7	2225
		11/02/84	41.1	187.6	
		12/05/84	35.0	193.7	
		01/03/85	29.9	198.8	
		02/01/85	28.6	200.1	
		03/01/85	29.9	198.8	
		04/01/85	32.0	196.7	
		05/06/85	34.7	194.0	
		06/03/85	38.0	190.7	
		07/03/85	42.0	186.7	
		08/02/85	41.6	187.1	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U LOS ANGELES MB					
U-03 SANTA CLARA-CALLEGUAS MU					
U-03.8 SANTA PAULA MA					
U-03.81 SULPHUR SPRINGS MSA					
03N/21W-16K03 S	228.7	09/02/85	43.0	185.7	2225
03N/21W-17001 S	284.0	12/06/84	91.3	192.7	5121
		02/05/85	86.8	197.2	
		03/22/85	90.2	193.8	
		05/31/85	97.4	186.6	
		07/25/85	106.5	177.5	
03N/21W-19G01 S	250.8	10/01/84	93.9	156.9	2225
		11/02/84	99.0	151.8	
		12/04/84	75.0	175.8	
		01/02/85	70.5	180.3	
		02/01/85	68.8	182.0	
		03/01/85	74.2	176.8	
		04/02/85	87.1	163.7	
		05/07/85	89.9	160.9	
		06/03/85	94.0	156.8	
		07/03/85	99.0	151.8	
		08/02/85	94.8	156.0	
		09/03/85	54.4	196.4	
03N/21W-19H06 S	248.0	10/01/84	94.3	153.7	2225
		11/02/84	98.9	149.1	
		12/04/84	71.9	176.1	
		01/02/85	67.9	180.1	
		02/01/85	66.4	181.6	
		03/01/85	71.8	176.2	
		04/02/85	88.4	159.6	
		05/07/85	92.7	155.3	
		06/04/85	94.8	153.2	
		07/03/85	97.7	150.3	
		08/02/85	96.3	151.7	
		09/02/85	80.9	167.1	
03N/21W-19R01 S	235.9	12/06/84	55.1	180.8	5121
		02/05/85	50.1	185.8	
		03/22/85	55.0	180.9	
		06/12/85	63.2	172.7	
		07/30/85	64.9	171.0	
03N/21W-21B01 S	220.8	04/15/85	27.1	193.7	5411
		07/26/85	33.9	186.9	
		08/28/85	36.1	184.7	
03N/21W-29B01 S		11/29/84	NM-9		5411
	192.0	04/15/85	16.6	175.4	
		07/26/85	23.0	169.0	
		08/28/85	22.9	169.1	
03N/21W-30B01 S	222.8	12/06/84	66.2	156.6	5121
		02/05/85	53.5	169.3	
		03/22/85	56.6	166.2	
		05/31/85	60.0	162.8	
		07/25/85	69.5	153.3	
03N/21W-30F01 S	220.7	10/02/84	62.5	158.2	5121
		12/06/84	56.3	164.4	
		02/07/85	52.7	168.0	
		04/12/85	60.2	160.5	
		06/05/85	60.1	160.6	
		08/13/85	NM-1		
03N/21W-30N04 S	208.0	12/06/84	39.9	168.1	5121
		02/08/85	NM-1		
		04/22/85	NM-1		
		05/31/85	32.4	175.6	
		08/06/85	46.6	161.4	
03N/22W-34R01 S	266.2	12/06/84	114.8	151.4	5121
		02/05/85	116.3	149.9	
		03/22/85	118.7	147.5	
		05/31/85	123.9	142.3	
		07/25/85	128.5	137.7	
03N/22W-36K02 S	180.6	12/06/84	23.9	156.7	5121
		02/05/85	20.9	159.7	
		03/22/85	22.3	158.3	
		05/31/85	26.0	154.6	
		07/25/85	24.9	155.7	
U-03.82 SISAR MSA					
04N/22W-12F01 S	1616.0	10/09/84	147.1	1468.9	5121
		12/06/84	121.2	1494.8	
		02/07/85	125.1	1490.9	
		04/03/85	128.2	1487.8	
		06/13/85	136.8	1479.2	
		07/29/85	145.5	1470.5	
U-03.C SESPE MA					
U-03.C1 FILLMORE MSA					
03N/19W-06002 S	433.3	10/02/84	42.3	391.0	5121
		12/27/84	39.8	393.5	
		02/06/85	38.9	394.4	
		04/22/85	42.9	390.4	
		06/12/85	44.3	389.0	
		07/26/85	47.2	386.1	
03N/20W-01C04 S	404.2	10/02/84	27.1	377.1	5121
		12/27/84	24.8	379.4	
		02/06/85	24.4	379.8	
		04/05/85	25.5	378.7	
		06/12/85	29.1	375.1	
		08/13/85	NM-1		
03N/20W-02A01 S	375.6	10/31/84	15.7	359.9	5411
		11/30/84	15.2	360.4	
		01/04/85	14.7	360.9	

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U LOS ANGELES MB					
U-03 SANTA CLARA-CALLEGUAS MU					
U-03.C SESPE MA					
U-03.C1 FILLMORE MSA					
03N/20W-02A01 S	375.6	02/07/85	15.0	360.6	5411
		03/01/85	15.2	360.4	
		04/03/85	15.8	359.8	
		05/16/85	17.8	357.8	
		06/03/85	17.7	357.9	
		07/03/85	18.9	356.7	
		07/30/85	20.8	354.8	
		09/04/85	22.8	352.8	
03N/20W-03N01 S		10/31/84	NM-1		5411
	341.8	11/30/84	10.4	331.4	
		06/03/85	11.0	330.8	
		08/15/85	NM-1		
03N/20W-05001 S	437.8	12/06/84	133.9	303.9	5121
		02/07/85	126.8	311.0	
		04/02/85	137.0	300.8	
		06/05/85	142.0	295.8	
		07/25/85	150.8	287.0	
03N/20W-06P01 S		10/02/84	NM-7		5121
03N/20W-08A01 S	319.6	07/26/85	12.3	307.3	5411
		08/27/85	12.2	307.4	
03N/20W-09F01 S		10/02/84	NM-4		5121
	335.0	12/27/84	16.6	318.4	
		02/07/85	17.1	317.9	
		04/12/85	18.5	316.5	
		06/12/85	20.0	315.0	
		08/13/85	NM-9		
03N/20W-11C01 S	397.4	10/02/84	39.1	358.3	5121
		12/27/84	38.3	359.1	
		02/07/85	38.6	358.8	
		04/12/85	39.8	357.6	
		06/12/85	41.5	355.9	
		07/30/85	43.7	353.7	
03N/20W-27B01 S	899.4	10/04/84	423.1	476.3	5121
		12/07/84	424.1	475.3	
		02/07/85	428.4	471.0	
		04/12/85	431.3	468.1	
		06/07/85	409.2	490.2	
		08/09/85	410.0	489.4	
03N/21W-01N01 S	320.3	12/06/84	58.3	262.0	5121
		02/05/85	59.1(2)	261.2	
		03/22/85	62.8	257.5	
		06/05/85	75.5	244.8	
		07/25/85	86.6	233.7	
03N/21W-12B01 S		10/31/84	NM-9		5411
	279.0	11/30/84	10.8	268.2	
		08/07/85	10.3	268.7	
04N/19W-25M01 S	582.0	10/31/84	31.3	550.7	5411
		11/30/84	NM-2		
		08/07/85	53.3	528.7	
		09/25/85	39.2	542.8	
04N/19W-30001 S	437.6	10/02/84	41.4	396.2	5121
		12/27/84	38.5	399.1	
		02/06/85	37.3	400.3	
		04/02/85	39.4	398.2	
		06/05/85	41.4	396.2	
		07/30/85	45.6	392.0	
04N/19W-30R01 S	441.9	10/02/84	23.1	418.8	5121
		12/27/84	22.5	419.4	
		02/06/85	22.6	419.3	
		04/02/85	24.0	417.9	
		06/05/85	25.6	416.3	
		07/30/85	30.5	411.4	
04N/19W-31E01 S		10/30/84	NM-1		5411
	417.8	11/30/84	10.8	407.0	
		06/03/85	NM-1		
		08/07/85	NM-1		
04N/19W-31R01 S		10/11/84	NM-1		5121
	448.0	12/27/84	38.4	409.6	
		02/06/85	37.9	410.1	
		04/02/85	39.5	408.5	
		06/12/85	44.1	403.9	
		07/30/85	46.4(4)	401.6	
04N/19W-32A01 S		10/30/84	NM-2		5411
		11/30/84	NM-2		
04N/19W-32M02 S	447.3	10/05/84	9.1	438.2	5121
		12/27/84	9.7	437.6	
		02/06/85	9.9	437.4	
		04/02/85	10.0	437.3	
		06/06/85	10.6	436.7	
		07/26/85	21.0(2)	426.3	
04N/19W-32R01 S	469.0	10/05/84	11.0	458.0	5121
		12/27/84	7.1	461.9	
		02/06/85	7.2	461.8	
		04/02/85	10.4	458.6	
		06/06/85	11.6	457.4	
		07/30/85	12.3	456.7	
04N/19W-33003 S		10/11/84	NM-1		5121
	474.3	12/27/84	2.1	472.2	
		02/08/85	NM-1		
		04/22/85	NM-1		
		06/12/85	NM-1		

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U LOS ANGELES HB					
U-03 SANTA CLARA-CALLEGUAS HU					
U-03.C SESPE HA					
U-03.C1 FILLMORE HSA					
04N/19W-33003 S	474.3	08/06/85	4.1	470.2	5121
04N/19W-33004 S	474.3	10/05/84	.7	473.6	5121
		12/27/84	NM-1		
		02/06/85	1.1	473.2	
		04/09/85	1.6	472.7	
		06/06/85	2.2	472.1	
		08/12/85	NM-1		
04N/20W-23002 S	512.8	12/06/84	112.9	399.9	5121
		02/06/85	110.2	402.6	
		04/02/85	112.9	399.9	
		06/05/85	126.1	386.7	
		07/26/85	124.9	387.9	
04N/20W-26A02 S	430.7	10/05/84	49.9	380.8	5121
		12/06/84	43.8	386.9	
		02/06/85	40.6	390.1	
		04/22/85	43.0	387.7	
		06/06/85	46.9	383.8	
		07/26/85	54.8	375.9	
04N/20W-26C02 S	504.5	12/06/84	123.3	381.2	5121
		02/06/85	123.2	381.3	
		04/02/85	142.3	362.2	
		06/05/85	143.8	360.7	
		07/26/85	156.6	347.9	
04N/20W-26L01 S	428.0	10/31/84	51.4	376.6	5411
		11/30/84	47.5	380.5	
		08/07/85	53.8	374.2	
		09/25/85	53.7	374.3	
04N/20W-27N01 S	527.3	12/06/84	148.1	379.2	5121
		02/06/85	142.8	384.5	
		04/02/85	144.1	383.2	
		06/05/85	150.0	377.3	
		07/26/85	154.3	373.0	
04N/20W-33C03 S		10/11/84	NM-1		5121
	526.0	12/06/84	147.7	378.3	
		02/07/85	143.5	382.5	
		04/02/85	146.4	379.6	
		06/05/85	150.4	375.6	
		08/13/85	160.2	365.8	
04N/20W-36D04 S	401.0	10/02/84	18.2	382.8	5121
		12/27/84	15.0	386.0	
		02/06/85	14.7	386.3	
		04/05/85	15.2	385.8	
		06/06/85	17.7	383.3	
		07/26/85	20.9	380.1	
U-03.D PIRU HA					
U-03.D1 SANTA FELICIA HSA					
04N/18W-19R01 S		10/11/84	NM-1		5121
	655.5	12/26/84	83.6	571.9	
		02/07/85	83.8	571.7	
		04/19/85	90.2	565.3	
		06/12/85	96.7	558.8	
		08/12/85	105.5	550.0	
04N/18W-20R01 S	659.7	10/05/84	60.9	598.8	5121
		12/26/84	64.3	595.4	
		02/07/85	63.4	596.3	
		04/05/85	68.7	591.0	
		06/12/85	79.6	580.1	
		08/06/85	89.5	570.2	
04N/18W-27B02 S	713.0	10/31/84	41.4	671.6	5411
		11/30/84	35.4	677.6	
		08/07/85	59.1	653.9	
		09/25/85	64.9	648.1	
04N/18W-28C02 S		10/11/84	NM-1		5121
	676.0	12/26/84	77.7	598.3	
		02/07/85	77.7	598.3	
		04/22/85	NM-1		
		06/12/85	NM-1		
		08/12/85	NM-1		
04N/18W-29M02 S	635.8	10/07/84	48.2	587.6	5411
		10/14/84	49.8	586.0	
		10/21/84	51.3	584.5	
		10/28/84	52.7	583.1	
		10/31/84	52.8	583.0	
		11/04/84	55.4	580.4	
		11/11/84	55.0	580.8	
		11/18/84	55.8	580.0	
		11/25/84	56.7	579.1	
		11/31/84	57.4	578.4	
		12/02/84	57.5	578.3	
		12/09/84	58.2	577.6	
		12/16/84	56.6	579.2	
		12/23/84	57.1	578.7	
		12/30/84	56.5	579.3	
		01/01/85	56.4	579.4	
		01/06/85	56.3	579.5	
		01/13/85	56.4	579.4	
		01/27/85	57.0	578.8	
		02/03/85	57.2	578.6	
		02/10/85	57.5	578.3	
		02/17/85	57.7	578.1	
		02/24/85	58.4	577.4	
		03/03/85	59.2	576.6	
		03/10/85	59.8	576.0	
		03/17/85	60.5	575.3	
		03/31/85	61.7	574.1	

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U LOS ANGELES HB					
U-03 SANTA CLARA-CALLEGUAS HU					
U-03.D PIRU HA					
U-03.D1 SANTA FELICIA HSA					
04N/18W-29M02 S	635.8	04/14/85	63.5	572.3	5411
		04/21/85	64.4	571.4	
		05/05/85	66.4	569.4	
		05/12/85	68.0	567.8	
		05/19/85	68.1	567.7	
		05/26/85	70.1	565.7	
		06/02/85	70.2	565.6	
		06/09/85	70.5	565.3	
		06/16/85	71.3	564.5	
		06/23/85	72.7	563.1	
		06/30/85	73.7	562.1	
		07/28/85	78.0	557.8	
		08/04/85	79.0	556.8	
		08/11/85	80.0	555.8	
		08/18/85	80.8	555.0	
		09/01/85	83.1	552.7	
		09/08/85	79.6	556.2	
		09/15/85	74.4	561.4	
		09/22/85	72.1	563.7	
		09/29/85	71.5	564.3	
04N/18W-29P05 S	642.9	10/31/84	35.0	607.9	5411
		11/30/84	35.4	607.5	
		06/03/85	51.3	591.6	
		08/07/85	60.3	582.6	
04N/18W-31C01 S	607.0	10/31/84	34.9	572.1	5411
		11/30/84	39.2	567.8	
		06/03/85	NM-1		
		08/07/85	62.1	544.9	
		09/25/85	NM-4		
04N/19W-25C02 S	610.4	10/05/84	55.5	554.9	5121
		12/26/84	61.1	549.3	
		02/08/85	63.0	547.4	
		04/05/85	68.1	542.3	
		06/06/85	73.8	536.6	
		08/06/85	80.4	530.0	
04N/19W-25K02 S	593.7	10/05/84	29.1	564.6	5121
		12/26/84	38.3	555.4	
		02/08/85	37.9	555.8	
		04/05/85	42.8	550.9	
		06/06/85	48.7	545.0	
		08/06/85	55.4	538.3	
04N/19W-26P01 S		10/11/84	NM-1		5121
	565.0	12/27/84	23.2	541.8	
		02/08/85	25.5	539.5	
		04/22/85	NM-1		
		06/12/85	NM-1		
		08/12/85	NM-1		
04N/19W-34K01 S	522.8	10/05/84	9.5	513.3	5121
		12/27/84	10.4	512.4	
		02/07/85	11.7	511.1	
		04/05/85	14.4	508.4	
		06/12/85	17.6	505.2	
		08/06/85	20.4	502.4	
04N/19W-34M02 S	501.2	10/31/84	5.3	495.9	5411
		11/30/84	4.9	496.3	
		06/03/85	NM-1		
		08/07/85	9.6	491.6	
04N/19W-35L02 S	540.1	10/05/84	6.7	533.4	5121
		12/27/84	NM-9		
		02/07/85	12.5	527.6	
		04/05/85	10.8	529.3	
		06/12/85	12.5	527.6	
		08/06/85	24.0	516.1	
05N/18W-33G02 S	1066.0	08/07/85	22.8	1043.2	5411
		09/25/85	27.4	1038.6	
U-03.02 UPPER PIRU HSA					
05N/18W-15P01 S	1042.0	08/07/85	5.5	1036.5	5411
		09/25/85	5.2	1036.8	
U-03.03 HUNGRY VALLEY HSA					
07N/18W-07E01 S	3100.0	10/17/84	59.3	3040.7	5121
		04/10/85	58.1	3041.9	
U-03.04 STAUFFER HSA					
08N/21W-33R03 S	5150.0	10/17/84	24.8	5125.2	5121
		04/10/85	25.7	5124.3	
08N/21W-35B01 S	5043.0	10/17/84	54.5	4988.5	5121
		04/10/85	54.3	4988.7	
08N/21W-36G02 S	4922.0	10/17/84	16.6	4905.4	5121
		04/10/85	16.0	4906.0	
U-03.E UPPER SANTA CLARA RIVER HA					
U-03.E1 EASTERN HSA					
04N/17W-01A01 S	1066.0	12/13/84	26.8	1039.2	5050
		05/08/85	28.1	1037.9	
		06/26/85	30.6	1035.4	
04N/17W-01J01 S	1052.9	12/13/84	21.7	1031.2	5050
		05/08/85	22.9	1030.0	
		06/26/85	NM-1		
04N/17W-12B02 S	1043.0	12/13/84	21.0	1022.0	5050
		05/08/85	23.7	1019.3	

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U LOS ANGELES HB					
U-03 SANTA CLARA-CALLEGUAS HU					
U-03.E UPPER SANTA CLARA RIVER HA					
U-03.E1 EASTERN HSA					
04N/17W-12B02 S	1043.0	06/26/85	26.4	1016.6	5050
04N/17W-13C02 S	986.0	12/13/84	12.9	973.1	5050
		05/08/85	17.3	968.7	
		06/26/85	16.3	969.7	
05N/17W-25B02 S	1140.0	12/13/84	37.1	1102.9	5050
		05/08/85	38.0	1102.0	
		06/26/85	40.2	1099.8	
05N/17W-25B04 S	1136.0	12/13/84	31.2	1104.8	5050
		05/08/85	33.5	1102.5	
		06/26/85	34.6	1101.4	
05N/17W-25B05 S		12/13/84	DRY		5050
		05/08/85	DRY		
		06/26/85	DRY		
05N/17W-25G06 S	1130.0	12/13/84	32.8	1097.2	5050
		05/08/85	33.5	1096.5	
		06/26/85	37.1	1092.9	
05N/17W-36A03 S	1110.0	12/13/84	25.9	1084.1	5050
		05/08/85	NM-1		
		06/26/85	31.6	1078.4	
05N/17W-36G04 S	1090.0	12/13/84	19.3	1070.7	5050
		05/08/85	22.7	1067.3	
		06/26/85	24.4	1065.6	
05N/17W-36H03 S	1100.0	12/13/84	25.7	1074.3	5050
		05/08/85	28.4	1071.6	
		06/26/85	30.0	1070.0	
05N/17W-36J02 S	1088.0	12/13/84	16.9	1071.1	5050
		05/08/85	NM-1		
		06/26/85	20.2	1067.8	
U-03.E3 ACTON HSA					
01S/04W-14J05 S	1045.0	10/01/84	39.5	1005.5	9263
		11/01/84	34.0	1011.0	
		12/03/84	28.7	1016.3	
		01/02/85	15.1	1029.9	
		02/01/85	13.5	1031.5	
		03/01/85	31.6	1013.4	
		04/01/85	30.6	1014.4	
		05/01/85	46.9	998.1	
		06/03/85	48.1	996.9	
		07/01/85	45.8	999.2	
		08/01/85	49.6	995.4	
		09/01/85	54.1	990.9	
01S/04W-24F06 S	1076.0	10/01/84	64.5(1)	1011.5	9263
		11/01/84	59.8(1)	1016.2	
		12/03/84	36.7(1)	1039.3	
		01/02/85	32.1(1)	1043.9	
		02/01/85	36.9(1)	1039.1	
		03/01/85	50.7(1)	1025.3	
		04/01/85	46.6(1)	1029.4	
		05/01/85	81.2(1)	994.8	
		06/03/85	82.8(1)	993.2	
		07/01/85	83.0	993.0	
		08/01/85	71.6	1004.4	
		09/01/85	82.9	993.1	
01S/04W-24F10 S	1073.0	10/01/84	51.9	1023.1	9263
		11/01/84	49.2	1025.8	
		12/03/84	27.2	1047.8	
		01/02/85	23.5	1049.5	
		02/01/85	27.9	1047.1	
		03/01/85	38.5	1036.5	
		04/01/85	34.4	1040.6	
		05/01/85	59.1	1015.9	
		06/03/85	62.1	1012.9	
		07/01/85	75.9	999.1	
		08/01/85	73.0	1002.0	
		09/01/85	73.1	999.9	
U-03.F CALLEGUAS-CONEJO HA					
U-03.F1 WEST LAS POSAS HSA					
02N/21W-03L01 S	501.7	12/21/84	310.9	190.8	5121
		02/04/85	316.2	185.5	
		03/22/85	314.9	186.8	
		07/02/85	315.7	186.0	
		08/09/85	317.7	184.0	
02N/21W-08G01 S	336.2	12/21/84	266.7	69.5	5121
		02/04/85	266.1	70.1	
		03/22/85	276.2	60.0	
		07/02/85	292.5	43.7	
		08/09/85	287.1	49.1	
02N/21W-09001 S		12/26/84	NM-1		5121
		02/11/85	NM-1		
	372.6	04/15/85	328.8	43.8	
		07/02/85	NM-1		
		08/15/85	NM-1		
02N/21W-11J02 S	387.1	12/26/84	322.5	64.6	5121
		02/04/85	320.5	66.6	
		04/12/85	326.7	60.4	
		07/02/85	326.3	60.8	
		08/09/85	334.0	53.1	
02N/21W-12H01 S	416.1	12/21/84	449.0	-32.9	5121
		02/04/85	461.7	-45.6	
		04/12/85	NM-1		
U LOS ANGELES HB					
U-03 SANTA CLARA-CALLEGUAS HU					
U-03.F CALLEGUAS-CONEJO HA					
U-03.F1 WEST LAS POSAS HSA					
02N/21W-12N01 S		07/02/85	NM-1		5121
		08/15/85	NM-1		
02N/21W-15M03 S		10/10/84	NM-1		5121
	263.0	12/26/84	255.4	7.6	
		02/04/85	277.0	-14.0	
		04/15/85	269.5	-6.5	
		07/02/85	269.3(4)	-6.3	
		08/15/85	268.4	-5.4	
02N/21W-15P01 S	330.2	12/07/84	384.2	-54.0	5121
		02/01/85	381.9	-51.7	
		03/22/85	390.9	-60.7	
		07/02/85	NM-7		
		08/09/85	409.4	-79.2	
02N/21W-16J01 S	259.4	12/26/84	33.9	225.5	5121
		02/04/85	34.0	225.4	
		04/15/85	33.9	225.5	
		07/02/85	33.2	226.2	
		08/15/85	33.8	225.6	
02N/21W-20D04 S	106.9	12/26/84	77.6	29.3	5121
		01/25/85	NM-9		
		04/12/85	115.4(6)	-8.5	
		06/17/85	NM-7		
		08/09/85	NM-7		
02N/21W-22E02 S	362.3	12/21/84	400.4	-38.1	5121
		02/01/85	435.3	-73.0	
		04/15/85	447.5	-85.2	
		07/02/85	473.5	-111.2	
		08/59/85	474.4(6)	-112.1	
U-03.F2 EAST LAS POSAS HSA					
02N/19W-03A01 S	582.3	12/56/84	4.3	578.0	5121
		02/05/85	4.6	577.7	
		04/12/85	4.6	577.7	
		06/11/85	NM-9		
		08/20/85	4.9	577.4	
02N/19W-04K01 S	526.7	10/05/84	29.0	497.7	5121
		12/14/84	28.3	498.4	
		02/12/85	29.5	497.2	
		04/15/85	26.3	500.4	
		06/10/85	29.1	497.6	
		08/08/85	29.6	497.1	
02N/19W-05K01 S	496.4	10/05/84	34.8	461.6	5121
		12/14/84	34.3	462.1	
		02/12/85	35.3	461.1	
		04/15/85	32.0	464.4	
		06/07/85	NM-9		
		08/59/85	NM-2		
02N/19W-06N03 S	442.8	10/05/84	25.9	416.9	5121
		12/14/84	24.3	418.5	
		02/12/85	22.5	420.3	
		04/15/85	23.7	419.1	
		06/07/85	24.3	418.5	
		08/09/85	24.5	418.3	
02N/19W-08G03 S	491.4	10/05/84	32.4	459.0	5121
		12/14/84	24.9	466.5	
		02/12/85	27.1	464.3	
		04/15/85	26.6	464.8	
		06/10/85	26.7	464.7	
		08/09/85	24.9	466.5	
02N/20W-01M01 S		10/04/84	NM-1		5121
	472.0	12/12/84	254.3	217.7	
		02/12/85	253.4	218.6	
		04/12/85	262.6	209.4	
		06/07/85	261.7	210.3	
		08/09/85	NM-2		
02N/20W-03K02 S	483.1	10/04/84	372.2	110.9	5121
		12/12/84	NM-9		
		02/07/85	354.9	128.2	
		04/12/85	NM-1		
		06/07/85	365.0	118.1	
		08/09/85	NM-1		
02N/20W-06N01 S		10/03/84	NM-1		5121
		12/12/84	NM-9		
	518.1	02/07/85	630.0	-111.9	
		04/11/85	NM-1		
		06/06/85	631.9	-113.8	
		08/09/85	623.7	-105.6	
02N/20W-08F01 S	436.1	10/03/84	555.4	-119.3	5121
		12/12/84	548.2	-112.1	
		02/07/85	535.7	-99.6	
		04/11/85	NM-1		
		06/06/85	557.4	-121.3	
		08/09/85	562.6	-126.5	
02N/20W-09F01 S	400.5	10/03/84	285.0	115.5	5121
		12/12/84	275.3	125.2	
		02/07/85	271.7	128.8	
		04/11/85	280.0	120.5	
		06/06/85	NM-1		
		08/09/85	NM-1		
02N/20W-09P01 S		10/04/84	NM-1		5121
	310.0	12/12/84	153.4	156.6	
		02/07/85	167.4	142.6	
		04/11/85	NM-1		

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U LOS ANGELES HB					
U-03 SANTA CLARA-CALLEGUAS HU					
U-03.F CALLEGUAS-CONEJO HA					
U-03.F2 EAST LAS POSAS HSA					
02N/20W-09R01 S		06/06/85	NM-1		5121
		08/09/85	NM-1		
02N/20W-10D02 S		10/04/84	NM-1		5121
	462.0	12/12/84	335.6	126.4	
		02/07/85	329.9	132.1	
		04/11/85	335.5	126.5	
		06/06/85	339.9	122.1	
		08/09/85	341.0	121.0	
02N/20W-10G01 S	415.1	10/04/84	248.5	166.6	5121
		12/12/84	242.9	172.2	
		02/07/85	234.1	181.0	
		04/12/85	232.6	182.5	
		06/07/85	237.1	178.0	
		08/09/85	NM-1		
02N/20W-10J01 S	406.8	10/04/84	220.0	186.8	5121
		12/12/84	217.7	189.1	
		02/07/85	209.5	197.3	
		04/12/85	201.7	205.1	
		06/07/85	204.8	202.0	
		08/09/85	212.6	194.2	
02N/20W-12G02 S	420.0	10/05/84	26.9	393.1	5121
		12/12/84	26.7	393.3	
		02/12/85	26.2	393.8	
		04/15/85	25.9	394.1	
		06/07/85	26.2	393.8	
		08/09/85	26.0	394.0	
02N/20W-18A01 S		10/03/84	NM-1		5121
	374.6	12/12/84	483.1	-108.5	
		02/07/85	481.7	-107.1	
		04/11/85	492.4	-117.8	
		06/06/85	NM-1		
		08/09/85	NM-1		
03N/19W-19J01 S	1060.0	10/05/84	792.5	267.5	5121
		12/13/84	792.0	268.0	
		02/14/85	798.0	262.0	
		04/15/85	797.7	262.3	
		06/10/85	785.0	275.0	
		08/08/85	796.0	264.0	
03N/19W-19P02 S	1058.2	10/05/84	825.9	232.3	5121
		12/13/84	NM-1		
		02/14/85	NM-1		
		04/15/85	NM-1		
		06/10/85	816.9	241.3	
		08/09/85	843.9	214.3	
03N/19W-29K04 S		10/05/84	NM-1		5121
	843.8	12/13/84	506.4	337.4	
		02/14/85	500.6	343.2	
		04/15/85	505.2	338.6	
		06/10/85	NM-1		
		08/22/85	NM-1		
03N/19W-30E03 S	850.7	10/05/84	644.9	205.8	5121
		12/13/84	639.8	210.9	
		02/14/85	642.1	208.6	
		04/15/85	643.5	207.2	
		06/11/85	639.1	211.6	
		08/09/85	NM-1		
03N/19W-32A01 S	815.2	02/14/85	571.7	243.5	5121
		04/15/85	568.0	247.2	
		06/10/85	562.0	253.2	
		08/08/85	576.0	239.2	
03N/19W-32G01 S	840.0	10/05/84	591.3	248.7	5121
		12/13/84	NM-9		
03N/19W-33P03 S		10/05/84	NM-1		5121
		12/14/84	NM-1		
		02/12/85	NM-1		
		04/15/85	NM-1		
		06/10/85	NM-1		
		08/23/85	NM-1		
03N/20W-23L01 S	969.6	10/09/84	724.7	244.9	5121
		12/13/84	NM-1		
		02/14/85	NM-1		
		04/12/85	730.6	239.0	
		06/11/85	730.1	239.5	
		08/09/85	731.8	237.8	
03N/20W-24J01 S		10/05/84	NM-1		5121
		12/13/84	NM-1		
	1035.5	02/14/85	825.7	209.8	
		04/12/85	NM-1		
		06/11/85	NM-1		
		08/09/85	NM-9		
03N/20W-25M01 S	822.5	10/05/84	241.7	580.8	5121
		12/13/84	236.1	586.4	
		02/04/85	242.8	579.7	
		04/12/85	234.9	587.6	
		06/11/85	240.3	582.2	
		08/09/85	245.2	577.3	
03N/20W-34G01 S	679.7	10/04/84	572.7	107.0	5121
		12/07/84	567.7	112.0	
		02/07/85	558.4	121.3	
		04/12/85	564.9	114.8	
		06/07/85	565.5	114.2	
		08/09/85	560.7	119.0	
U LOS ANGELES HB					
U-03 SANTA CLARA-CALLEGUAS HU					
U-03.F CALLEGUAS-CONEJO HA					
U-03.F2 EAST LAS POSAS HSA					
03N/21W-35P01 S		10/10/84	NM-1		5121
	571.8	12/21/84	565.5	6.3	
		02/04/85	515.0	56.8	
		04/12/85	NM-1		
		07/02/85	NM-1		
		08/15/85	NM-1		
03N/21W-36D01 S	555.7	12/21/84	468.5	87.2	5121
		02/04/85	476.0	79.7	
		04/10/85	482.6	73.1	
		07/02/85	NM-1		
		08/09/85	NM-1		
U-03.F3 ARROYO SANTA ROSA HSA					
02N/19W-19L01 S	346.0	12/06/84	59.8	286.2	5121
		02/01/85	57.7	288.3	
		03/22/85	57.7	288.3	
		06/05/85	57.5	288.5	
		08/02/85	56.8	289.2	
		09/25/85	56.8	289.2	
02N/19W-19R02 S	291.4	12/06/84	103.0	188.4	5121
		02/01/85	102.4	189.0	
		03/22/85	102.6	188.8	
		06/05/85	105.9	185.5	
		08/02/85	105.0	186.4	
		09/25/85	105.3	186.1	
02N/19W-20L01 S	304.5	12/06/84	122.4	182.1	5121
		02/01/85	119.9	184.6	
		04/11/85	120.5	184.0	
		06/05/85	123.7	180.8	
		08/02/85	118.8	185.7	
		09/25/85	119.5	185.0	
02N/19W-21C02 S	489.6	11/23/84	9.8	479.8	5121
		02/01/85	9.8	479.8	
		04/11/85	10.0	479.6	
		06/05/85	10.1	479.5	
		08/02/85	12.6	477.0	
		09/25/85	12.9	476.7	
02N/20W-22G01 S	282.7	12/06/84	160.7	122.0	5121
		02/01/85	161.5	121.2	
		03/22/85	149.8	132.9	
		06/05/85	148.0	134.7	
		08/02/85	151.5	131.2	
		09/25/85	153.1	129.6	
02N/20W-23K01 S	272.7	12/06/84	148.4	124.3	5121
		02/01/85	141.2	131.5	
		03/22/85	148.0	124.7	
		06/05/85	NM-1		
		08/02/85	153.2	119.5	
		09/25/85	154.8	117.9	
02N/20W-23R01 S	234.6	12/06/84	64.2	170.4	5121
		02/01/85	64.3	170.3	
		03/22/85	NM-1		
		06/05/85	NM-1		
		08/20/85	70.5	164.1	
		09/25/85	NM-1		
02N/20W-25L01 S	235.2	12/06/84	42.4	192.8	5121
		02/01/85	41.3	193.9	
		03/22/85	41.4	193.8	
		06/05/85	44.4	190.8	
		08/02/85	46.7	188.5	
		09/25/85	50.2	185.0	
02N/20W-26B03 S	205.5	12/06/84	35.4	170.1	5121
		02/01/85	31.4	174.1	
		03/22/85	20.0	185.5	
		06/05/85	40.0	165.5	
		08/02/85	42.3	163.2	
		09/25/85	NM-1		
U-03.F4 CONEJO VALLEY HSA					
01N/19W-07K16 S	634.6	11/30/84	8.6	626.0	5121
		02/06/85	6.5	628.1	
		04/09/85	6.1	628.5	
		06/04/85	7.8	626.8	
		07/26/85	9.4	625.2	
01N/20W-03J01 S	762.9	11/30/84	54.1	708.8	5121
		02/06/85	51.5	711.4	
		04/09/85	52.8	710.1	
		06/04/85	60.6	702.3	
		07/26/85	63.1	699.8	
U-03.F5 TIERRA REJADA VALLEY HSA					
02N/19W-10R01 S	618.6	12/06/84	109.2	509.4	5121
		02/05/85	107.1	511.5	
		04/11/85	107.8	510.8	
		06/05/85	109.3	509.3	
		08/02/85	106.6	512.0	
		09/25/85	NM-9		
02N/19W-12M03 S	719.0	12/06/84	113.5	605.5	5121
		02/05/85	113.2	605.8	
		04/10/85	116.1	602.9	
		06/05/85	118.8	600.2	
		08/02/85	114.9	604.1	
		09/25/85	113.2	605.8	
02N/19W-14P01 S	677.4	12/06/84	33.7	643.7	5121

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U LOS ANGELES HB					
U-03 SANTA CLARA-CALLEGUAS HU					
U-03.F CALLEGUAS-CONEJO HA					
U-03.F5 TIERRA REJADA VALLEY HSA					
02N/19W-14P01 S	677.4	02/05/85	31.8	643.6	5121
		04/11/85	NM-1		
		06/05/85	35.1	642.3	
		08/02/85	34.6	642.8	
		09/25/85	NM-1		
02N/19W-15F02 S	500.0	12/06/84	94.1	405.9	5121
		02/05/85	91.7	408.3	
		04/11/85	91.5	408.5	
		06/05/85	93.1	406.9	
		08/02/85	88.8	411.2	
		09/25/85	87.0	413.0	
U-03.F7 SIMI VALLEY HSA					
02N/17W-06J01 S		10/04/84	NM-9		5121
	1039.4	12/04/84	71.7	967.7	
		02/01/85	72.4	967.0	
		03/27/85	72.7	966.7	
		05/14/85	73.5	965.9	
		07/29/85	74.1	965.3	
02N/17W-09N05 S	1047.8	10/04/84	15.6	1032.2	5121
		12/04/84	15.9	1031.9	
		02/01/85	14.4	1033.4	
		03/27/85	14.4	1033.4	
		05/14/85	14.4	1033.4	
		07/29/85	15.7	1032.1	
02N/18W-07F04 S	753.4	12/04/84	54.6	698.8	5121
		02/05/85	54.8	698.6	
		04/10/85	56.9	696.5	
		05/14/85	55.4	698.0	
		07/29/85	59.6	693.8	
		09/25/85	59.8	693.6	
02N/18W-08C02 S		12/03/84	FLOW		5121
		02/01/85	FLOW		
		03/27/85	FLOW		
		05/14/85	FLOW		
		07/29/85	FLOW		
		09/25/85	FLOW		
02N/18W-09N01 S		12/03/84	FLOW		5121
		02/01/85	FLOW		
		03/27/85	FLOW		
		05/14/85	FLOW		
		07/29/85	FLOW		
		09/25/85	FLOW		
02N/18W-13C01 S	939.2	10/04/84	55.9	883.3	5121
		12/04/84	55.4	883.8	
		02/01/85	54.6	884.6	
		03/27/85	54.4	884.8	
		05/14/85	53.8	885.4	
		07/29/85	56.1	883.1	
02N/18W-14C03 S	883.2	10/04/84	33.8	849.4	5121
		12/04/84	33.2	850.0	
		02/01/85	31.8	851.4	
		03/27/85	31.7	851.5	
		05/14/85	31.8	851.4	
		07/29/85	32.2	851.0	
U-03.F8 THOUSAND OAKS HSA					
01N/19W-02L01 S	945.2	12/03/84	58.2	887.0	5121
		02/06/85	57.6	887.6	
		04/09/85	60.2	885.0	
		06/04/85	61.4	883.8	
		07/26/85	62.7	882.5	
01N/19W-14K04 S	907.9	12/03/84	23.9	884.0	5121
		02/06/85	23.2	884.7	
		04/09/85	23.3	884.6	
		06/04/85	24.0	883.9	
		07/26/85	24.6	883.3	
01N/19W-15E01 S	902.6	11/30/84	26.8	875.8	5121
		02/06/85	25.9	876.7	
		04/09/85	26.2	876.4	
		06/04/85	27.1	875.5	
		07/26/85	27.7	874.9	
02N/18W-31K01 S	1140.5	11/30/84	27.6	1120.9	5121
		02/06/85	23.5	1125.0	
		04/04/85	23.3	1125.2	
		06/04/85	24.1	1124.4	
		07/26/85	24.3	1124.2	
U LOS ANGELES HB					
U-04 MALIBU HU					
U-04.8 MALIBU CREEK HA					
U-04.86 SHERWOOD HSA					
C1N/19W-19L02 S	1082.0	11/30/84	79.2	1002.8	5121
		02/06/85	76.5	1005.5	
		04/09/85	77.1	1004.9	
		06/04/85	79.8	1002.2	
		07/26/85	89.2	992.8	
01N/19W-20A01 S	963.3	11/30/84	37.4	925.9	5121
		02/06/85	6.3	957.0	
		04/09/85	15.3	948.0	
		06/04/85	31.2	932.1	
		07/26/85	49.1	914.2	
01N/19W-30A01 S	998.2	11/30/84	20.2	978.0	5121
		02/06/85	16.4	981.8	
		04/09/85	17.8	980.4	
		06/04/85	23.0	975.2	
		07/26/85	30.8	967.4	
01N/20W-24H02 S	1126.0	11/30/84	54.8	1071.2	5121
		02/06/85	55.3	1070.7	
		04/09/85	48.5	1077.5	
		06/04/85	50.3	1075.7	
		07/26/85	57.5	1068.5	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

U LOS ANGELES HB
U-05 LA-SAN GABRIEL RIVER HU
U-05.A COASTAL PLAIN HA
U-05.A2 WEST COAST HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
02S/14W-19K02 S	57.0	10/24/84	60.7	-3.7	5050
		04/10/85	59.6	-2.6	
02S/14W-19K03 S	57.0	10/24/84	69.1	-12.1	5050
		04/10/85	67.5	-10.5	
02S/14W-19Q01 S	48.9	10/24/84	54.1	-5.2	5050
		04/10/85	53.0	-4.1	
02S/14W-27M01 S	155.0	10/24/84	214.1	-59.1	5050
		04/10/85	209.5	-54.5	
02S/14W-34F01 S	152.0	10/23/84	200.5	-48.5	5050
		04/10/85	197.2	-45.2	
02S/14W-34L02 S	137.0	10/23/84	198.4	-61.4	5050
		04/10/85	196.6	-59.6	
03S/13W-19K02 S	45.0	10/16/84	72.0	-27.0	5050
		04/03/85	68.7	-23.7	
03S/13W-29A02 S	67.0	10/19/84	113.7	-46.7	5050
		04/04/85	103.3	-36.3	
03S/13W-29C08 S		04/16/85	NM-8		5050
03S/13W-29Q06 S	49.0	10/15/84	100.3	-51.3	5050
		04/04/85	97.4	-48.4	
03S/13W-29Q07 S	49.0	10/15/84	117.8	-68.8	5050
		04/04/85	106.2	-57.2	
03S/13W-29F11 S	50.0	04/16/85	109.2	-59.2	5050
03S/13W-30A10 S	43.0	10/17/84	103.6	-60.6	5050
		04/09/85	97.1	-54.1	
03S/13W-30J01 S	36.2	10/16/84	94.6	-58.4	5050
		04/09/85	90.6	-54.4	
03S/13W-30J05 S	35.0	10/17/84	69.1	-34.1	5050
		04/09/85	60.5	-25.5	
03S/13W-30K01 S	39.5	10/17/84	64.1	-24.6	5050
		04/04/85	61.6	-22.1	
03S/13W-30Q01 S	33.0	10/16/84	44.0	-11.0	5050
		04/03/85	41.0	-8.0	
03S/13W-31M01 S		10/17/84	NM-7		5050
		04/09/85	NM-7		
03S/14W-03K01 S	76.0	10/17/84	144.0	-68.0	5050
		03/28/85	141.0(5)	-65.0	4776
		04/05/85	136.2	-60.2	5050
03S/14W-03K02 S	76.0	10/17/84	131.5	-55.5	5050
		03/28/85	234.0(1)	-158.0	4776
		04/05/85	129.6	-53.6	5050
03S/14W-03K03 S		10/17/84	NM-1		5050
	76.0	03/28/85	172.0(1)	-96.0	4776
		04/05/85	NM-1		5050
03S/14W-04N01 S	74.0	10/17/84	167.8	-93.8	5050
		03/28/85	139.0(5)	-65.0	4776
		04/05/85	138.6	-64.6	5050
03S/14W-04N02 S	74.0	10/17/84	159.1	-85.1	5050
		03/28/85	144.2(5)	-70.2	4776
		04/05/85	144.0	-70.0	5050
03S/14W-07N01 S	125.4	10/23/84	122.6	2.8	5050
		04/09/85	120.9	4.5	
03S/14W-09N03 S	79.8	10/23/84	109.7	-29.9	5050
		04/09/85	101.7	-21.9	
03S/14W-09N04 S	80.1	10/23/84	118.3	-38.2	5050
		04/09/85	NM-1		
03S/14W-09N05 S	95.5	10/23/84	125.5	-30.0	5050
		04/09/85	120.3	-24.8	
03S/14W-09P01 S	81.2	10/23/84	116.6	-35.4	5050
		04/09/85	104.9	-23.7	
03S/14W-11Q01 S	116.0	10/15/84	151.3	-35.3	5050
		04/03/85	149.6	-33.6	
03S/14W-11G02 S	150.0	10/16/84	228.2	-78.2	5050
		03/28/85	NM-9		4776
		04/03/85	221.9	-71.9	5050
03S/14W-11J02 S	160.0	10/16/84	234.7	-74.7	5050
		04/03/85	261.7	-101.7	
03S/14W-13B02 S	127.0	10/16/84	217.3	-90.3	5050
		03/28/85	214.0(5)	-87.0	4776
		04/09/85	206.3	-79.3	5050
03S/14W-13J03 S	83.0	10/17/84	157.4	-74.4	5050
		03/28/85	154.7(5)	-71.7	4776
		04/04/85	160.7	-77.7	5050
03S/14W-13J04 S	82.0	10/17/84	154.2	-72.2	5050
		03/28/85	156.5(5)	-74.5	4776
		04/04/85	162.0	-80.0	5050

U LOS ANGELES HB
U-05 LA-SAN GABRIEL RIVER HU
U-05.A COASTAL PLAIN HA
U-05.A2 WEST COAST HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
03S/14W-14A01 S	84.0	10/17/84	119.0	-35.0	5050
		03/28/85	119.4(5)	-35.4	4776
		04/04/85	118.6	-34.6	5050
03S/14W-14Q01 S	50.0	10/16/84	120.1	-70.1	5050
		03/28/85	208.0(1)	-158.0	4776
		04/04/85	115.8	-65.8	5050
03S/14W-17G02 S	87.0	10/23/84	109.9	-22.9	5050
		04/09/85	105.4	-18.4	
03S/14W-18C01 S	98.8	10/19/84	98.0	.8	5050
		04/08/85	96.0	2.8	
03S/14W-18K04 S		10/22/84	NM-0		5050
		04/08/85	NM-0		
03S/14W-18N04 S	110.0	10/18/84	125.7	-15.7	5050
		04/08/85	119.0	-9.0	
03S/14W-18N05 S	112.0	10/18/84	103.3	8.7	5050
		04/08/85	100.4	11.6	
03S/14W-19E02 S	148.7	10/18/84	138.4	10.3	5050
		04/08/85	131.5	17.2	
03S/14W-20P03 S	73.8	10/18/84	77.2	-3.4	5050
		04/05/85	83.4	-9.6	
03S/14W-21M01 S	62.0	10/17/84	113.0	-51.0	5050
		03/28/85	83.0(5)	-21.0	4776
		04/04/85	94.1	-32.1	5050
03S/14W-21R02 S	52.0	10/18/84	77.0	-25.0	5050
		04/04/85	74.2	-22.2	
03S/14W-22A01 S	48.0	10/16/84	84.4	-36.4	5050
		03/28/85	76.0(5)	-28.0	4776
		04/04/85	78.1	-30.1	5050
03S/14W-22A02 S	50.0	10/16/84	119.5	-69.5	5050
		03/28/85	113.0(5)	-63.0	4776
		04/04/85	111.7	-61.7	5050
03S/14W-22K01 S	50.0	10/16/84	84.5	-34.5	5050
		03/28/85	82.3(5)	-32.3	4776
		04/04/85	82.8	-32.8	5050
03S/14W-22L01 S	51.0	10/17/84	82.2(5)	-31.2	5050
		03/28/85	82.2(5)	-31.2	4776
		04/04/85	82.2(5)	-31.2	5050
03S/14W-22Q01 S	45.0	03/28/85	132.5(1)	-87.5	4776
03S/14W-25F03 S	38.7	10/16/84	61.3	-22.6	5050
		04/03/85	58.6	-19.9	
03S/14W-25N02 S	39.2	10/16/84	60.4	-21.2	5050
		04/09/85	60.8	-21.6	
03S/14W-25P04 S	25.0	10/17/84	92.8	-67.8	5050
		03/28/85	82.0(5)	-57.0	4776
		04/04/85	80.3	-55.3	5050
03S/14W-27C01 S	45.0	10/16/84	83.1	-38.1	5050
		04/03/85	75.5	-30.5	
03S/14W-29F01 S	77.3	10/15/84	80.0(4)	-2.7	5050
		04/03/85	79.2	-1.9	
03S/14W-29J01 S	95.0	10/15/84	105.1(4)	-10.1	5050
		04/03/85	101.5	-6.5	
03S/14W-29M01 S	114.2	10/15/84	118.1	-3.9	5050
		04/03/85	115.2	-1.0	
03S/14W-29N01 S		10/15/84	NM-4		5050
		04/03/85	NM-4		
03S/14W-30D02 S	116.7	10/17/84	111.9	4.8	5050
		04/02/85	110.5	6.2	
03S/14W-30M02 S	175.6	10/17/84	166.9	8.7	5050
		04/02/85	165.3	10.3	
03S/14W-30M03 S	226.1	10/17/84	217.1	9.0	5050
		04/02/85	215.5	10.6	
03S/14W-30N01 S	182.1	10/17/84	173.6	8.5	5050
		04/02/85	172.5	9.6	
03S/14W-31Q01 S	117.8	10/17/84	108.0	9.8	5050
		04/04/85	107.2	10.6	
03S/14W-31L03 S	151.0	10/16/84	157.3	-6.3	5050
		04/04/85	156.4	-5.4	
03S/14W-32A02 S	95.6	10/15/84	106.4(4)	-10.8	5050
		04/03/85	97.8	-2.2	
03S/14W-33E01 S	120.0	10/15/84	130.2(4)	-10.2	5050
		04/03/85	127.0	-7.0	
03S/14W-33L01 S	90.0	10/15/84	96.0	-6.0	5050
		04/03/85	93.2	-3.2	
03S/14W-34B02 S	65.0	10/16/84	114.5(0)	-49.5	5050
		04/08/85	94.0	-29.0	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

U LOS ANGELES HB
U-05 LA-SAN GABRIEL RIVER HU
U-05.A COASTAL PLAIN HA
U-05.A2 WEST COAST HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
03S/14W-34C02 S	62.8	10/01/84	87.0	-24.2	5050
		04/03/85	87.0	-24.2	
03S/14W-34H04 S	70.0	10/15/84	89.7	-19.7	5050
		04/03/85	87.6	-17.6	
03S/14W-35B03 S	46.0	10/17/84	64.2	-18.2	5050
		04/09/85	50.0	-4.0	
03S/14W-35M07 S	66.0	10/15/84	113.0	-47.0	5050
		04/04/85	87.0	-21.0	
03S/15W-01R01 S	112.3	10/22/84	105.9	6.4	5050
		04/08/85	104.6	7.7	
03S/15W-11M05 S	30.0	10/22/84	21.8	8.2	5050
		04/09/85	23.1	6.9	
03S/15W-11Q01 S	106.2	10/22/84	98.6	7.6	5050
		04/09/85	98.2	8.0	
03S/15W-12A01 S	127.3	10/22/84	118.9	8.2	5050
		04/08/85	116.3	10.8	
03S/15W-12B01 S	103.4	10/22/84	99.5	3.9	5050
		04/08/85	98.9	4.5	
03S/15W-12G01 S	112.6	04/08/85	104.4	8.2	5050
03S/15W-12H02 S	127.1	10/23/84	106.3	20.8	5050
		04/08/85	106.4	20.7	
03S/15W-12J01 S	111.2	10/23/84	99.2	12.0	5050
		04/09/85	98.2	13.0	
03S/15W-12R02 S	95.9	10/23/84	84.1	11.8	5050
		04/09/85	82.0	13.9	
03S/15W-13A04 S	122.1	10/19/84	101.6	20.5	5050
		04/19/85	98.6	23.5	
03S/15W-13H02 S	104.3	10/19/84	22.1	82.2	5050
		04/19/85	91.6	12.7	
03S/15W-13H03 S	103.0	10/19/84	35.0	68.0	5050
		04/19/85	37.7	65.3	
03S/15W-13H08 S	98.2	10/19/84	87.2	11.0	5050
		04/19/85	86.0	12.2	
03S/15W-13H09 S	98.2	10/19/84	85.2	13.0	5050
		04/19/85	84.9	13.3	
03S/15W-13J04 S	98.8	10/19/84	93.2	5.6	5050
		04/19/85	92.9	5.9	
03S/15W-13R02 S	153.2	10/19/84	68.0	85.2	5050
		04/19/85	72.2	81.0	
03S/15W-13R03 S	133.9	10/19/84	121.0	12.9	5050
		04/19/85	122.3	11.6	
03S/15W-13R06 S	149.0	10/19/84	144.8	4.2	5050
		04/19/85	145.6	3.4	
03S/15W-13R08 S	155.7	10/22/84	139.9	15.8	5050
		04/19/85	140.6	15.1	
03S/15W-13R10 S	156.1	10/19/84	139.2	16.9	5050
		04/19/85	141.3	16.8	
03S/15W-14J01 S	154.9	10/22/84	148.3	6.6	5050
		04/19/85	147.5	7.4	
03S/15W-24F06 S	122.4	10/18/84	107.1	15.3	5050
		04/05/85	110.9	11.5	
03S/15W-24H02 S	125.9	10/18/84	109.0	16.9	5050
		04/08/85	109.0	16.9	
03S/15W-24K01 S	123.3	10/18/84	109.9	13.4	5050
		04/05/85	108.8	14.5	
03S/15W-24M01 S	93.0	10/18/84	82.3	10.7	5050
		04/05/85	80.8	12.2	
03S/15W-24P01 S	119.9	10/18/84	105.8	14.1	5050
		04/05/85	104.1	15.8	
03S/15W-24P02 S	162.9	10/18/84	152.3	10.6	5050
		04/05/85	150.8	12.1	
03S/15W-25A03 S	156.0	10/18/84	150.8	5.2	5050
		04/08/85	147.8	8.2	
03S/15W-25B02 S	126.5	10/17/84	117.2	9.3	5050
		04/02/85	115.7	10.8	
03S/15W-25C04 S	136.8	10/17/84	126.4	10.4	5050
		04/02/85	125.1	11.7	
03S/15W-25C05 S	103.8	10/17/84	96.8	7.0	5050
		04/02/85	96.3	7.5	
03S/15W-25D01 S	82.7	10/17/84	77.8	4.9	5050
		04/02/85	77.1	5.6	
03S/15W-25D02 S	22.6	10/17/84	19.2	3.4	5050
		04/02/85	19.0	3.6	

U LOS ANGELES HB
U-05 LA-SAN GABRIEL RIVER HU
U-05.A COASTAL PLAIN HA
U-05.A2 WEST COAST HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
03S/15W-25G09 S		10/17/84	NM-4		5050
	86.0	04/02/85	74.8	11.2	
03S/15W-25H03 S	209.1	10/17/84	199.8	9.3	5050
		04/02/85	198.7	10.4	
03S/15W-25L02 S	94.4	10/17/84	85.3	9.1	5050
		04/02/85	84.7	9.7	
03S/15W-25P01 S	73.0	10/17/84	68.7	4.3	5050
		04/04/85	68.6	4.4	
03S/15W-25Q03 S	72.5	10/17/84	63.5	9.0	5050
		04/04/85	62.4	10.1	
03S/15W-25R02 S	76.4	10/17/84	169.0	-92.6	5050
		04/02/85	168.0	-91.6	
03S/15W-25R04 S	70.6	10/17/84	61.6	9.0	5050
03S/15W-36A02 S	64.2	10/17/84	54.7	9.5	5050
		04/04/85	52.2	12.0	
04S/12W-30R01 S	7.7	10/24/84	77.3	-69.6	5050
		04/16/85	71.2	-63.5	
04S/12W-32G01 S	38.0	10/24/84	39.1	-1.1	5050
		04/03/85	38.2	-.2	
04S/13W-06G01 S		10/22/84	NM-4		5050
		04/03/85	NM-6		
04S/13W-07M01 S	20.3	10/18/84	79.7	-59.4	5050
		04/03/85	82.1	-61.8	
04S/13W-09N02 S	25.7	10/18/84	107.4	-81.7	5050
		04/10/85	97.7	-72.0	
04S/13W-10C02 S	27.1	10/22/84	130.0	-102.9	5050
		04/16/85	123.2	-96.1	
04S/13W-10E02 S	25.0	10/18/84	47.2	-22.2	5050
		04/10/85	44.2	-19.2	
04S/13W-10E03 S	26.0	10/18/84	106.1	-80.1	5050
		04/10/85	95.7	-69.7	
04S/13W-14L01 S	28.5	10/22/84	47.5	-19.0	5050
		04/17/85	46.2	-17.7	
04S/13W-15Q01 S	22.0	10/17/84	38.0	-16.0	5050
		04/09/85	35.3	-13.3	
04S/13W-15R03 S	20.0	10/17/84	41.5	-21.5	5050
		04/08/85	NM-6		
04S/13W-16R02 S	25.0	04/28/85	100.0	-75.0	5050
04S/13W-19B01 S	40.0	10/09/84	99.3	-59.3	5050
		04/03/85	82.2	-42.2	
04S/13W-19J02 S	44.3	10/22/84	95.4	-51.1	5050
		04/09/85	90.6	-46.3	
04S/13W-19J06 S	40.0	10/22/84	88.1(4)	-48.1	5050
		04/09/85	86.0(4)	-46.0	
04S/13W-20K01 S	37.0	10/18/84	96.1	-59.1	5050
		04/17/85	89.8	-52.8	
04S/13W-21H02 S	35.0	02/28/85	100.8	-65.8	5050
04S/13W-21H05 S	21.0	02/28/85	89.6	-68.6	5050
04S/13W-21H06 S	20.0	02/28/85	85.8	-65.8	5050
04S/13W-21H07 S	30.0	02/28/85	87.0	-57.0	5050
04S/13W-21J02 S	34.0	02/28/85	99.5	-65.5	5050
04S/13W-21R01 S	31.0	10/03/84	113.5	-82.5	5050
		04/03/85	105.5	-74.5	
04S/13W-21R02 S	39.8	10/03/84	110.0	-70.2	5050
		04/03/85	110.0	-70.2	
04S/13W-22E01 S	20.0	02/28/85	87.8	-67.8	5050
04S/13W-22F01 S	20.0	02/28/85	87.5	-67.5	5050
04S/13W-22F02 S	21.9	10/18/84	100.4	-78.5	5050
		04/10/85	88.5	-66.6	
04S/13W-22P01 S	16.0	10/18/84	101.0	-85.0	5050
		04/08/85	94.6	-78.6	
04S/13W-22Q03 S	15.3	10/22/84	93.1	-77.8	5050
		04/10/85	83.9	-68.6	
04S/13W-22Q04 S	15.5	10/22/84	92.5	-77.0	5050
		04/10/85	82.8	-67.3	
04S/13W-22Q05 S	15.9	10/22/84	34.3	-18.4	5050
		04/10/85	31.9	-16.0	
04S/13W-23B02 S	24.5	10/22/84	103.2	-78.7	5050
		04/10/85	93.5	-69.0	
04S/13W-23N03 S	17.4	10/22/84	93.8	-76.4	5050

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

U LOS ANGELES HB
U-05 LA-SAN GABRIEL RIVER HU
U-05.A COASTAL PLAIN HA
U-05.A2 WEST COAST HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
04S/13W-23N03 S	17.4	04/10/85	84.2	-66.8	5050
04S/13W-23N04 S	17.4	10/22/84	33.5	-16.1	5050
		04/10/85	32.0	-14.6	
04S/13W-25F01 S	13.1	10/24/84	26.6	-13.5	5050
		04/10/85	26.1	-13.0	
04S/13W-26A02 S	32.0	10/24/84	109.4	-77.4	5050
		04/10/85	99.5	-67.5	
04S/13W-26A04 S	31.8	10/24/84	46.1	-14.3	5050
		04/10/85	45.2	-13.4	
04S/13W-26F05 S	12.5	10/22/84	91.5	-79.0	5050
		04/17/85	83.4	-70.9	
04S/13W-26F07 S	12.8	10/22/84	28.3	-15.5	5050
		04/15/85	29.7	-16.9	
04S/13W-26R02 S	28.0	10/24/84	93.5	-65.5	5050
		04/10/85	84.8	-56.8	
04S/13W-26R03 S	27.4	10/24/84	41.0	-13.6	5050
		04/10/85	40.5	-13.1	
04S/13W-27E01 S	39.2	10/22/84	115.8	-76.6	5050
		04/10/85	107.1	-67.9	
04S/13W-27E02 S	39.0	10/22/84	69.9	-30.9	5050
		04/10/85	67.0	-28.0	
04S/13W-27N01 S	11.2	10/22/84	27.1	-15.9	5050
		04/10/85	25.6	-14.4	
04S/13W-27K02 S	9.0	10/24/84	86.8	-77.8	5050
		04/30/85	77.3	-68.3	
04S/13W-27K03 S	13.8	10/24/84	34.2	-20.4	5050
		04/10/85	31.9	-18.1	
04S/13W-27N05 S	28.0	10/19/84	107.3	-79.3	5050
		04/09/85	99.4	-71.4	
04S/13W-27P02 S	10.8	10/24/84	84.0	-73.2	5050
		04/10/85	74.8	-64.0	
04S/13W-27P03 S	10.5	10/24/84	37.6	-27.1	5050
		04/30/85	34.5	-24.0	
04S/13W-28N01 S	46.1	10/23/84	80.7	-34.6	5050
		04/09/85	78.3	-32.2	
04S/13W-28N02 S	45.0	10/23/84	76.0	-31.0	5050
		04/09/85	74.2	-29.2	
04S/13W-28N04 S	37.0	10/23/84	103.6	-66.6	5050
04S/13W-28N06 S	37.7	10/23/84	77.6	-39.9	5050
04S/13W-29E03 S		10/19/84	NM-0		5050
		04/16/85	NM-0		
04S/13W-30A05 S	35.0	10/09/84	106.5	-71.5	5050
		04/03/85	93.1	-58.1	
04S/13W-30G01 S	37.1	10/05/84	87.7	-50.6	5050
		04/12/85	84.8	-47.7	
04S/13W-30G03 S	26.0	10/05/84	87.0	-61.0	5050
		04/10/85	88.6	-62.6	
04S/13W-30K01 S	36.0	10/17/84	93.0	-57.0	5050
		04/17/85	83.3	-47.3	
04S/13W-31E02 S	19.0	10/09/84	76.4	-57.4	5050
		04/03/85	77.1	-58.1	
04S/13W-31E04 S	22.0	10/10/84	72.4	-50.4	5050
		04/03/P5	85.2	-63.2	
04S/13W-31J01 S	35.2	10/23/84	71.9	-36.7	5050
		04/15/85	67.7	-32.5	
04S/13W-31J03 S	21.4	10/23/84	41.7	-20.3	5050
		04/15/85	43.0	-21.6	
04S/13W-34A01 S	6.8	10/23/84	83.4	-76.6	5050
		04/10/85	73.9	-67.1	
04S/13W-34A02 S	8.5	10/23/84	21.7	-13.2	5050
		04/10/85	21.4	-12.9	
04S/13W-34A03 S	6.9	10/23/84	25.1	-18.2	5050
		04/10/85	23.9	-17.0	
04S/13W-35B02 S	6.7	10/27/84	27.7	-21.0	5050
		04/15/85	29.8	-23.1	
04S/13W-35B03 S	6.7	10/24/84	23.9	-17.2	5050
		04/15/85	23.3	-16.6	
04S/13W-35B04 S	6.7	10/24/84	18.2	-11.5	5050
		04/15/85	18.6	-11.9	
04S/13W-35F01 S	9.0	10/24/84	16.6	-7.6	5050
		04/16/85	17.4	-8.4	
04S/13W-35J02 S	22.7	10/24/84	32.1	-9.4	5050

U LOS ANGELES HB
U-05 LA-SAN GABRIEL RIVER HU
U-05.A COASTAL PLAIN HA
U-05.A2 WEST COAST HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
04S/13W-35J02 S	22.7	04/10/85	31.6	-8.9	5050
04S/14W-01F02 S	51.0	10/15/84	107.3	-56.3	5050
		04/04/85	104.0	-53.0	
04S/14W-01F03 S	50.8	10/15/84	111.4	-60.6	5050
		04/04/85	104.5	-53.7	
04S/14W-01P01 S	46.0	10/19/84	103.0	-57.0	5050
		04/04/85	99.5	-53.5	
04S/14W-05F01 S	92.0	10/16/84	91.9	.1	5050
		04/04/85	90.4	1.6	
04S/14W-06G04 S	196.7	10/16/84	184.6	12.1	5050
		04/04/85	183.7	13.0	
04S/14W-06G05 S	166.5	10/16/84	154.5	12.0	5050
		04/04/85	154.7	11.8	
04S/14W-06H01 S	181.0	10/16/84	170.3	10.7	5050
		04/04/85	169.4	11.6	
04S/14W-06L01 S	71.3	10/17/84	56.7	14.6	5050
		04/08/85	55.6	15.7	
04S/14W-07C03 S	62.2	10/17/84	54.9	7.3	5050
		04/08/85	54.0	8.2	
04S/14W-07D01 S	13.8	10/10/84	9.0	4.8	5050
		04/08/85	9.3	4.5	
04S/14W-07F01 S	65.0	10/18/84	59.3	5.7	5050
		04/08/85	54.8	10.2	
04S/14W-07K02 S	87.0	10/18/84	77.8	9.2	5050
		04/08/85	77.8	9.2	
04S/14W-07P01 S		10/18/84	NM-5		5050
		04/08/85	NM-5		
04S/14W-07P03 S	73.6	10/18/84	67.1	6.5	5050
		04/08/85	66.8	6.8	
04S/14W-08D02 S		10/17/84	NM-3		5050
		04/05/85	NM-3		
04S/14W-08E03 S	135.7	10/16/84	122.2	13.5	5050
		04/05/85	121.2	14.5	
04S/14W-08G03 S	97.0	10/16/84	95.8	1.2	5050
		04/05/85	95.6	1.4	
04S/14W-08N05 S	140.0	10/16/84	128.2	11.8	5050
		04/05/85	129.2	10.8	
04S/14W-08P02 S	108.0	10/16/84	106.1	1.9	5050
		04/05/85	106.0	2.0	
04S/14W-09Q01 S	100.6	10/15/84	108.9	-8.3	5050
		04/03/85	107.6	-7.0	
04S/14W-10D02 S	107.0	10/16/84	125.3	-18.3	5050
		04/02/85	121.3	-14.3	
04S/14W-10D03 S	108.7	10/30/84	175.5	-66.8	5050
		04/02/85	DRY		
04S/14W-10K02 S	93.9	10/01/84	132.0	-38.1	5050
		04/03/85	130.0	-36.1	
04S/14W-10K03 S	90.0	10/01/84	106.3	-16.3	5050
		04/03/85	102.3	-12.3	
04S/14W-15N01 S	78.2	10/16/84	88.8	-10.6	5050
		04/02/85	92.3	-14.1	
04S/14W-16F01 S	81.0	10/15/84	91.8	-10.8	5050
		04/03/85	84.1	-3.1	
04S/14W-16L04 S	77.0	10/01/84	90.4	-13.4	5050
		04/03/85	90.4	-13.4	
04S/14W-17Q01 S	136.4	10/16/84	146.6	9.8	5050
		04/05/85	147.1	9.3	
04S/14W-17Q02 S	156.4	10/16/84	139.9	16.5	5050
		04/05/85	140.6	15.8	
04S/14W-17Q05 S	129.3	10/16/84	114.5	14.8	5050
		04/05/85	114.6	14.7	
04S/14W-17F02 S	180.5	10/16/84	174.0	6.5	5050
		04/05/85	174.0	6.5	
04S/14W-17H01 S	96.0	10/18/84	92.3	3.7	5050
		04/03/85	92.9	3.1	
04S/14W-17N02 S	92.0	10/15/84	91.9	.1	5050
		04/03/85	91.5	.5	
04S/14W-17P02 S	74.3	10/18/84	69.0	5.3	5050
		04/08/85	68.9	5.4	
04S/14W-18R01 S	87.0	10/18/84	79.9	8.1	5050
		04/08/85	78.9	8.1	
04S/14W-18F01 S	15.3	10/18/84	12.6	2.7	5050
		04/08/85	12.4	2.9	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U LOS ANGELES HB					
U-05 LA-SAN GABRIEL RIVER HU					
U-05.A COASTAL PLAIN HA					
U-05.A2 WEST COAST HSA					
04S/14W-18N02 S		10/18/84	DRY		5050
		04/05/85	DRY		
04S/14W-18J01 S	133.0	10/18/84	126.4	6.6	5050
		04/09/85	126.7	6.3	
04S/14W-18J02 S	133.0	10/18/84	123.6	9.4	5050
		04/05/85	123.1	9.9	
04S/14W-18K01 S	73.0	10/18/84	66.2	6.8	5050
		04/08/85	66.4	6.6	
04S/14W-18P01 S	47.5	10/18/84	1.7(3)	45.8	5050
		04/08/85	NM-4		
04S/14W-18Q01 S	100.0	10/18/84	94.0	6.0	5050
		04/05/85	94.1	5.9	
04S/14W-18Q03 S	101.0	10/18/84	91.6	9.4	5050
		04/05/85	91.5	9.5	
04S/14W-20Q02 S	116.5	10/18/84	107.0	9.5	5050
		04/05/85	107.7	8.8	
04S/14W-20Q03 S	116.4	10/18/84	105.6	10.8	5050
		04/05/85	105.8	10.6	
04S/14W-20D06 S	125.0	10/18/84	112.7	12.3	5050
		04/08/85	113.0	12.0	
04S/14W-20D08 S	145.0	10/18/84	133.6	11.4	5050
		04/08/85	133.5	11.5	
04S/14W-20G02 S	90.9	10/18/84	81.6	9.3	5050
		04/08/85	81.5	9.4	
04S/14W-20G03 S	90.1	10/18/84	75.5	14.6	5050
		04/08/85	75.5	14.6	
04S/14W-21F01 S	72.0	10/18/84	74.6	-2.6	5050
		04/09/85	74.3	-2.3	
04S/14W-21G01 S	71.0	10/15/84	80.3	-9.3	5050
		04/09/85	79.3	-8.3	
04S/14W-21L02 S	73.2	10/18/84	78.7	-5.5	5050
		04/09/85	78.0	-4.8	
04S/14W-21N01 S	101.3	10/15/84	114.1	-12.8	5050
		04/02/85	106.5	-5.2	
04S/14W-22N01 S		10/15/84	NM-4		5050
	79.0	04/09/85	94.0	-15.0	
04S/14W-22Q01 S	74.3	10/15/84	95.4	-21.1	5050
		04/09/85	93.7	-19.4	
04S/14W-28G01 S	161.4	10/18/84	179.7	-18.3	5050
		04/02/85	178.8	-17.4	
04S/14W-35E06 S	178.4	10/15/84	232.9	-54.5	5050
		04/02/85	218.4	-40.0	
04S/14W-35E07 S	184.9	10/12/84	223.1	-38.2	5050
		04/02/85	225.2	-40.3	
04S/14W-35F02 S		04/02/85	NM-6		5050
04S/14W-36N01 S	44.0	10/09/84	94.2	-50.2	5050
		04/03/85	84.9	-40.9	
04S/14W-36J01 S	47.0	10/16/84	95.8	-48.8	5050
		04/10/85	90.2	-43.2	
05S/12W-10P01 S	5.0	10/24/84	3.6	1.4	5050
		04/16/85	3.6	1.4	
05S/13W-02J03 S	14.7	10/23/84	29.6	-14.9	5050
		04/16/85	32.8	-18.1	
05S/13W-03L01 S	11.6	10/18/84	-2.5	14.1	5050
		04/08/85	-3.5	15.1	
05S/13W-03R17 S	16.0	10/23/84	35.9	-19.9	5050
		04/15/85	36.4	-20.4	
05S/13W-03P19 S	15.3	10/23/84	23.5	-8.2	5050
		04/15/85	27.3	-12.0	
05S/13W-04E02 S	-1.5	10/23/84	8.4	-9.9	5050
		04/15/85	10.2	-11.7	
U-05.A3 SANTA MONICA HSA					
02S/15W-22E03 S	10.0	10/24/84	7.5	2.5	5050
		04/10/85	7.9	2.1	
02S/15W-22E05 S	10.0	10/24/84	7.8	2.2	5050
		04/10/85	7.9	2.1	
U-05.A5 CENTRAL HSA					
02S/14W-22P03 S	167.0	10/24/84	224.6	-57.6	5050
		04/10/85	215.8	-48.8	
02S/14W-22P04 S	170.0	10/24/84	219.6	-49.6	5050
		04/10/85	219.1	-49.1	
03S/11W-27G03 S	64.0	10/02/84	79.4	-15.4	5102
U LOS ANGELES HB					
U-05 LA-SAN GABRIEL RIVER HU					
U-05.A COASTAL PLAIN HA					
U-05.A5 CENTRAL HSA					
03S/11W-27G03 S	64.0	11/13/84	77.4	-13.4	5102
		02/04/85	61.7	2.3	
		07/16/85	67.9	-3.9	
		09/24/85	79.3	-15.3	
03S/12W-23C03 S	82.9	05/02/85	51.1	31.8	4417
		08/20/85	52.2	30.7	
03S/12W-31E03 S	52.2	10/22/84	124.3	-72.1	4206
		11/20/84	115.7	-63.5	
		12/20/84	100.7	-48.5	
		01/25/85	91.5	-39.3	
		02/28/85	85.9	-33.7	
		03/29/85	87.1	-34.9	
		04/26/85	95.7	-43.5	
		05/27/85	101.1	-48.9	
		06/28/85	104.2	-52.0	
		07/26/85	111.7	-59.5	
		08/30/85	113.4	-61.2	
		09/27/85	108.1	-55.9	
03S/13W-05F02 S	114.0	10/16/84	165.6	-51.6	5050
		04/18/85	186.0	-72.0	
03S/13W-21R01 S	91.8	10/15/84	143.9	-52.1	5050
		04/04/85	131.3	-39.5	
03S/13W-26F01 S	61.0	10/15/84	110.4	-49.4	5050
		04/04/85	121.1	-60.1	
03S/13W-27E02 S	89.3	04/01/85	137.0	-47.7	5050
03S/13W-28G01 S		10/15/84	NM-6		5050
		04/16/85	NM-6		
04S/12W-06K04 S	46.0	10/22/84	164.3(1)	-118.3	4206
		11/20/84	100.0	-54.0	
		12/20/84	162.0(1)	-116.0	
		01/25/85	82.0	-36.0	
		02/28/85	70.5	-24.5	
		03/29/85	79.0	-33.0	
		04/26/85	145.6(1)	-99.6	
		05/27/85	152.2(1)	-106.2	
		06/28/85	145.8(1)	-99.8	
		07/26/85	164.3(1)	-118.3	
		08/30/85	104.5	-58.5	
		09/27/85	106.2	-60.2	
04S/12W-13J02 S	28.0	05/01/85	35.4	-7.4	4417
		08/20/85	46.7	-18.7	
04S/12W-15B02 S	40.0	10/22/84	52.2	-12.2	4206
		11/20/84	50.4	-10.4	
		12/20/84	49.2	-9.2	
		01/25/85	48.2	-8.2	
		02/28/85	47.0	-7.0	
		03/29/85	45.1	-5.1	
		04/26/85	47.2	-7.2	
		05/01/85	46.7	-6.7	4417
		05/27/85	49.2	-9.2	4206
		06/28/85	51.2	-11.2	
		07/26/85	51.6	-11.6	
		09/20/85	50.9	-10.9	4417
		08/30/85	52.0	-12.0	4206
		09/27/85	52.3	-12.3	
04S/12W-36C01 S	14.0	05/01/85	20.5	-6.5	4417
		08/20/85	27.8	-13.8	
04S/13W-12E01 S	34.0	10/22/84	109.0	-75.0	5050
		04/09/85	101.6	-67.6	
04S/13W-12E06 S	38.0	10/17/84	106.5	-68.5	5050
		04/08/85	100.3	-62.3	
04S/13W-12K01 S	89.0	03/29/85	117.1	-28.1	5050
04S/13W-13Q01 S	25.0	10/17/84	101.5	-76.5	5050
		04/08/85	89.1	-64.1	
05S/12W-02J02 S	10.0	10/24/84	48.5	-38.5	5050
		04/17/85	30.5	-20.5	
U-05.C RAYMOND HA					
U-05.C1 PASADENA HSA					
01N/11W-07N01 S	1340.0	10/11/84	73.8	1266.2	5050
		04/11/85	78.3	1261.7	
01N/11W-07N02 S	1330.0	10/11/84	158.1	1171.9	5050
		04/11/85	160.9	1169.1	
01N/11W-18C01 S	1189.0	10/11/84	51.0	1138.0	5050
		04/11/85	52.0	1137.0	
01N/11W-29G01 S	521.0	10/11/84	24.2	496.8	5050
		04/11/85	11.1	509.9	
01N/11W-29M02 S	571.7	10/12/84	85.6	486.1	5050
		04/12/85	64.4	507.3	
01N/11W-30N01 S	629.0	10/12/84	136.0	493.0	5050
		04/12/85	118.9	510.1	
01N/11W-30J01 S	600.6	10/12/84	118.9	481.7	5050
		04/12/85	100.0(4)	500.6	
01N/11W-30K01 S	634.0	10/12/84	138.5	495.5	5050
		04/12/85	118.7	515.3	

TABLE 0 (CONTINUED)

GROUND WATER LEVELS AT WELLS

U LOS ANGELES HB
U-05 LA-SAN GABRIEL RIVER HU
U-05.C RAYMOND HA
U-05.C1 PASADENA HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
01N/11W-30D01 S	603.6	10/12/84	81.8	521.8	5050
		04/12/85	80.5	523.1	
01N/11W-30D03 S	580.0	10/12/84	83.8	496.2	5050
		04/12/85	72.3	507.7	
01N/11W-30R01 S	581.0	10/12/84	90.0	491.0	5050
		04/12/85	74.1	506.9	
01N/11W-30R03 S	585.0	10/12/84	107.2	477.8	5050
		04/12/85	87.0	498.0	
01N/11W-31D02 S	590.0	10/11/84	113.8	476.2	5050
		04/11/85	98.3	491.7	
01N/12W-09R01 S	1109.3	10/11/84	177.3	932.0	5050
01N/12W-11J01 S	1115.0	04/12/85	16.7	1098.3	5050
01N/12W-11N03 S	1173.2	10/12/84	192.0	981.2	5050
		04/12/85	192.3	980.9	
01N/12W-11N04 S	1173.2	10/12/84	344.6	828.6	5050
		04/12/85	146.9	1026.3	
01N/12W-13C01 S	958.0	10/12/84	37.2	920.8	5050
		04/12/85	27.1	930.9	
01N/12W-13E03 S	964.6	10/12/84	216.0(5)	748.6	5050
		04/12/85	254.5	710.1	
01N/12W-13K01 S	870.9	10/12/84	381.0(5)	489.9	5050
		04/12/85	NM-3		
01N/12W-13L01 S	903.3	10/12/84	128.2	775.1	5050
		04/12/85	133.8	769.5	
01N/12W-24R04 S	775.7	10/12/84	179.4	596.3	5050
		04/12/85	22.1	753.6	
01N/12W-25E01 S	719.8	10/12/84	219.8	500.0	5050
		04/10/85	NM-7		
01N/12W-25G01 S	698.8	10/12/84	192.0	506.8	5050
		04/12/85	185.4	513.4	
01N/12W-25L01 S	683.0	10/12/84	184.0	499.0	5050
		04/12/85	176.8	506.2	
01N/12W-25L02 S	674.5	10/12/84	166.2	508.3	5050
		04/12/85	173.2	501.3	
01N/12W-26A01 S	754.2	10/12/84	253.8	500.4	5050
		04/12/85	244.3	509.9	
01N/12W-26R01 S	681.6	10/12/84	183.6	498.0	5050
		04/12/85	178.0	503.6	
01N/12W-28N01 S	793.9	10/12/84	193.4	600.5	5050
		04/12/85	193.9	600.0	
01N/12W-33R01 S		10/12/84	NM-7		5050
		04/12/85	NM-7		
01N/12W-34A01 S	736.0	10/11/84	267.4	468.6	5050
		04/11/85	264.7	471.3	
01N/12W-34C01 S	726.8	10/12/84	218.8	508.0	5050
		04/12/85	208.9	517.9	
01N/12W-34E01 S	695.0	10/12/84	165.0	530.0	5050
		04/12/85	160.7	534.3	
01N/12W-34E02 S	751.9	10/12/84	215.7	536.2	5050
		04/12/85	203.3	548.6	
01N/12W-34E04 S	667.3	10/12/84	198.5	468.8	5050
		04/12/85	198.0	469.3	
01N/12W-34E11 S		10/12/84	NM-5		5050
		04/12/85	NM-5		
01N/12W-34H01 S	659.0	10/11/84	168.7	490.3	5050
		04/11/85	156.0	503.0	
01N/12W-34L01 S	703.0	10/12/84	216.1	486.9	5050
		04/12/85	215.5	487.5	
01N/12W-34N01 S	707.2	10/12/84	106.5(4)	600.7	5050
		04/12/85	118.2(4)	589.0	
01N/12W-35B01 S	671.0	10/12/84	176.3	494.7	5050
		04/12/85	176.2	494.8	
01N/12W-35C01 S		10/11/84	NM-1		5050
	693.0	04/11/85	191.6	501.4	
01N/12W-36A01 S	611.6	10/12/84	134.6(5)	476.8	5050
		04/12/85	117.8	493.8	
01N/12W-36C01 S		10/12/84	NM-3		5050
		04/12/85	NM-3		
01N/12W-36E01 S		10/12/84	NM-1		5050
	623.1	04/12/85	180.2	442.9	
01N/12W-36E02 S		10/12/84	NM-1		5050
	625.3	04/12/85	183.8	441.5	

U LOS ANGELES HB
U-05 LA-SAN GABRIEL RIVER HU
U-05.C RAYMOND HA
U-05.C1 PASADENA HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
01N/12W-36H01 S	606.0	10/12/84	153.9(5)	452.1	5050
		04/12/85	133.9	472.1	

U-05.C2 MONK HILL HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
01N/12W-03D01 S	1800.0	10/24/84	22.5	1777.5	5050
		04/11/85	26.0	1774.0	
01N/12W-04D01 S	1510.0	10/11/84	259.3	1250.7	5050
		04/11/55	261.4	1248.6	
01N/12W-05G01 S	1302.0	10/11/84	251.1	1050.9	5050
		04/11/85	261.8	1040.2	
01N/12W-05P01 S	1201.7	10/11/84	249.0	952.7	5050
		04/11/85	250.3(5)	951.4	
01N/12W-05Q02 S	1198.0	10/11/94	273.5	924.5	5050
		04/11/85	260.2	937.8	
01N/12W-06H01 S	1179.0	10/11/84	194.1	984.9	5050
		04/11/85	188.0	991.0	
01N/12W-06H04 S	1172.0	10/11/84	184.7	987.3	5050
		04/11/85	176.2	995.8	
01N/12W-06H05 S	1192.9	10/11/84	207.7	985.2	5050
		04/11/85	204.6(5)	988.3	
01N/12W-06H06 S	1161.0	10/11/84	177.5	983.5	5050
		04/11/85	168.3	992.7	
01N/12W-06H09 S	1153.0	10/11/84	182.5	970.5	5050
		04/11/85	173.0	980.0	
01N/12W-08N01 S		10/11/84	NM-1		5050
		04/11/85	DRY		
01N/12W-08N02 S	1155.0	10/11/84	229.8	925.2	5050
		04/11/85	222.0	933.0	
01N/12W-08N03 S		10/11/84	NM-7		5050
		04/11/85	NM-7		
01N/12W-09E01 S	1187.7	10/11/84	273.4	914.3	5050
		04/11/85	270.4	917.3	
01N/12W-09K01 S	1130.0	10/11/84	199.0	931.0	5050
		04/11/85	199.2	930.8	
01N/12W-09Q01 S	1129.2	10/11/94	238.8	890.4	5050
		04/11/85	232.2	897.0	
01N/13W-01B01 S	1294.0	10/11/84	179.0	1115.0	5050
		04/11/85	181.2	1112.8	
01N/13W-01E01 S	1240.0	10/11/84	132.8	1107.2	5050
		04/11/85	132.2	1107.8	
01N/13W-01F01 S	1185.0	10/11/84	89.0	1096.0	5050
		04/11/85	91.3	1093.7	
01N/13W-01L01 S	1178.0	10/11/84	68.3	1109.7	5050
		04/11/85	69.7	1108.3	
01N/13W-01N01 S	1330.0	10/11/84	64.8	1265.2	5050
		04/11/85	57.5	1272.5	
01N/13W-02B01 S	1355.0	10/11/84	162.3	1192.7	5050
		04/11/55	162.9	1192.1	
02N/13W-34A03 S	1629.2	10/11/84	133.9	1495.3	5050
		04/11/85	133.6	1495.6	
02N/13W-34A04 S		10/11/84	NM-7		5050
		04/11/85	DRY		
02N/13W-34B02 S	1632.0	10/11/84	133.3	1498.7	5050
		04/11/85	134.9	1497.1	

U-05.C3 SANTA ANITA HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
01N/11W-20D01 S	659.3	10/11/84	189.7	469.6	5050
		04/11/85	164.5	494.8	
01N/11W-20D02 S	697.5	10/11/84	81.5	616.0	5050
		04/11/85	83.4	614.1	
01N/11W-21C02 S	702.0	10/11/84	217.3	484.7	5050
		04/11/85	202.6	499.4	
01N/11W-21C03 S	703.8	10/11/84	224.5	479.3	5050
		04/11/85	198.9	504.9	
01N/11W-21C06 S	705.0	10/11/94	221.1	483.9	5050
		04/11/55	197.1	507.9	
01N/11W-21C07 S	680.0	10/11/84	195.7	484.3	5050
		04/11/85	181.9	498.1	
01N/11W-21G02 S	602.0	10/11/84	113.8	488.2	5050
		04/11/85	107.5	494.5	
01N/11W-21G03 S	611.5	10/11/84	124.8	486.7	5050
		04/11/55	112.4	499.1	
01N/11W-21G05 S	608.4	10/11/84	125.7	482.7	5050
		04/11/85	115.8	492.6	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U LOS ANGELES HB					
U-05 LA-SAN GABRIEL RIVER HU					
U-05.C RAYMOND HA					
U-05.C3 SANTA ANITA HSA					
01N/11W-21H02 S	602.4	10/11/84	117.6	484.8	5050
		04/11/85	113.8	488.6	
01N/11W-21H03 S	609.5	10/11/84	128.3	481.2	5050
		04/11/85	115.8	493.7	
01N/11W-22N01 S	353.4	10/12/84	213.2(6)	140.2	5050
		04/11/85	219.5	133.9	
01N/11W-22N02 S		10/12/84	NM-7		5050
		04/11/85	DRY		
01N/11W-28C01 S	546.3	10/12/84	71.8	474.5	5050
		04/12/85	59.2	487.1	
U-05.D SAN GABRIEL VALLEY HA					
U-05.D1 MAIN SAN GABRIEL HSA					
01N/10W-33M01 S		10/01/84	NM-7		1733
	549.0	11/12/84	285.1	263.9	
		12/03/84	285.6	263.4	
		01/14/85	286.7	262.3	
		02/04/85	278.9	270.1	
		02/25/85	280.9	268.1	
		03/18/85	281.9	267.1	
		04/08/85	284.4	264.6	
		04/29/85	286.0	263.0	
		05/13/85	NM-7		
		06/10/85	289.5	259.5	
		07/01/85	291.7	257.3	
		07/22/85	293.6	255.4	
		08/12/85	297.9	251.1	
		09/02/85	298.4	250.6	
		09/23/85	300.9	248.1	
01S/10W-23F01 S	476.6	10/29/84	204.5	272.1	1733
		11/19/84	204.4	272.2	
		12/10/84	205.9	270.7	
		12/31/84	201.6	275.0	
		01/21/85	204.2	272.4	
		02/11/85	202.2	274.4	
		03/04/85	202.4	274.2	
		03/25/85	203.1	273.5	
		04/15/85	203.0	273.6	
		05/08/85	203.0	273.6	
		06/17/85	209.7	266.9	
		07/08/85	211.2	265.4	
		07/29/85	212.6	264.0	
		08/19/85	214.1	262.5	
		09/09/85	215.4	261.2	
		09/30/85	NM-3		
01S/10W-31A02 S	320.0	10/31/84	79.3	240.7	1733
		11/21/84	79.6	240.4	
		12/12/84	76.0	244.0	
		01/02/85	77.4	242.6	
		01/23/85	46.1	273.9	
		02/13/85	78.8	241.2	
		03/06/85	79.1	240.9	
		03/27/85	78.0	242.0	
		04/17/85	82.8	237.2	
		05/08/85	82.7	237.3	
		05/29/85	86.3	233.7	
		06/19/85	88.1	231.9	
		07/10/85	94.5	225.5	
		07/31/85	95.1	224.9	
		08/21/85	92.3	227.7	
		09/11/85	95.4	224.6	
01S/11W-11F04 S		10/03/84	NM-7		1733
	3370.0	11/14/84	3129.4	240.6	
		12/05/84	3133.2	236.8	
		12/26/84	3116.6	253.4	
		01/16/85	3115.7	254.3	
		02/06/85	3116.1	253.9	
		02/27/85	3121.3	248.7	
		03/20/85	3116.8	253.2	
		04/10/85	3118.1	251.9	
		05/01/85	NM-9		
		05/22/85	NM-7		
		06/12/85	3123.7	246.3	
		07/03/85	3136.5	233.5	
		07/24/85	3126.6	243.4	
		08/14/85	3128.5	241.5	
		09/04/85	3130.3	239.7	
		09/25/85	3139.1	230.9	
01S/11W-28G02 S		10/03/84	NM-7		1733
	272.0	11/14/84	41.9	230.1	
		12/05/84	42.0	230.0	
		12/26/84	42.0	230.0	
		01/16/85	42.3	229.7	
		02/06/85	42.3	229.7	
		02/27/85	41.8	230.2	
		03/20/85	43.0	229.0	
		04/10/85	43.4	228.6	
		05/01/85	43.9	228.1	
		05/22/85	NM-7		
		06/12/85	43.5	228.5	
		07/03/85	46.7	225.3	
		07/24/85	47.6	224.4	
		08/14/85	48.7	223.3	
		09/04/85	49.6	222.4	
		09/25/85	50.3	221.7	
01S/12W-13H01 S		10/03/84	NM-7		1733
	355.8	11/14/84	171.2	184.6	
		12/05/84	169.4	186.4	
		12/26/84	167.7	188.1	
U LOS ANGELES HB					
U-05 LA-SAN GABRIEL RIVER HU					
U-05.D SAN GABRIEL VALLEY HA					
U-05.D1 MAIN SAN GABRIEL HSA					
01S/12W-13H01 S	355.8	01/16/85	167.6	188.2	1733
		02/06/85	166.9	188.9	
		02/27/85	168.1	187.7	
		03/20/85	168.2	187.6	
		04/10/85	169.5	186.3	
		05/01/85	172.5	183.3	
		05/22/85	NM-7		
		06/12/85	177.2	178.6	
		07/03/85	184.5	171.3	
		07/24/85	180.6	175.2	
		08/14/85	181.5	174.3	
		09/04/85	181.5	174.3	
		09/25/85	185.8	170.0	
U-05.E SPADRA HA					
U-05.E3 LIVE OAK HSA					
01N/08W-33J01 S	1427.0	10/01/84	301.0(1)	1126.0	4748
		11/01/84	313.0(1)	1114.0	
		12/01/84	310.0	1117.0	
		01/02/85	316.0(1)	1111.0	
		02/01/85	321.0(1)	1106.0	
		03/01/85	322.0(1)	1105.0	
		04/01/85	326.0(1)	1101.0	
		07/01/85	340.0(1)	1087.0	
		08/01/85	347.0(1)	1080.0	
		09/01/85	353.0(1)	1074.0	
U-05.F ANAHEIM HA					
U-05.F1 BUENA PARK HSA					
03S/09W-31J02 S	220.0	10/09/84	93.1	126.9	4417
		11/02/84	91.6	128.4	
		02/13/85	93.4	126.6	
		04/15/85	93.9	126.1	
		05/07/85	98.3	121.7	
		08/22/85	111.0	109.0	
03S/09W-32K06 S	235.0	10/01/84	81.0	154.0	4210
		11/01/84	78.0	157.0	
		12/01/84	77.0	158.0	
		01/02/85	77.0	158.0	
		02/01/85	74.0	161.0	
		03/01/85	74.0	161.0	
		04/01/85	76.0	159.0	
		05/01/85	84.0	151.0	
		06/01/85	89.0	146.0	
		07/01/85	94.0	141.0	
		08/01/85	98.0	137.0	
		09/01/85	96.0	139.0	
03S/09W-32K07 S	235.0	10/01/84	89.0	146.0	4210
		11/01/84	80.0	155.0	
		12/01/84	80.0	155.0	
		01/02/85	79.0	156.0	
		02/01/85	78.0	157.0	
		03/01/85	80.0	155.0	
		04/01/85	80.0	155.0	
		05/01/85	82.0	153.0	
		06/01/85	90.0	145.0	
		07/01/85	96.0	139.0	
		08/01/85	102.0	133.0	
		09/01/85	102.0	133.0	
03S/09W-32K08 S	235.0	10/01/84	104.0	131.0	4210
		11/01/84	86.0	149.0	
		12/01/84	87.0	148.0	
		01/02/85	81.0	154.0	
		02/01/85	76.0	159.0	
		03/01/85	76.0	159.0	
		04/01/85	79.0	156.0	
		05/01/85	89.0	146.0	
		06/01/85	94.0	141.0	
		07/01/85	98.0	137.0	
		08/01/85	102.0	133.0	
		09/31/85	101.0	134.0	
03S/09W-32P02 S	231.1	11/02/84	76.2	154.9	4417
		02/13/85	78.3	152.5	
		05/29/85	87.5	143.6	
		08/22/85	98.5	132.6	
03S/09W-32P03 S	231.0	10/01/84	73.0	158.0	4210
		11/01/84	74.0	157.0	
		12/01/84	75.0	156.0	
		01/02/85	77.0	154.0	
		02/01/85	76.0	155.0	
		03/01/85	76.0	155.0	
		04/01/85	78.0	153.0	
		05/01/85	84.0	147.0	
		06/01/85	89.0	142.0	
		07/01/85	90.0	141.0	
		08/01/85	101.0	130.0	
		09/01/85	97.0	134.0	
03S/09W-32P04 S	231.0	10/01/84	73.0	158.0	4210
		11/01/84	79.0	152.0	
		12/01/84	77.0	154.0	
		01/02/85	82.0	149.0	
		02/01/85	83.0	148.0	
		03/31/85	82.0	149.0	
		04/31/85	84.0	147.0	
		05/31/85	86.0	145.0	
		06/01/85	96.0	135.0	
		07/31/85	100.0	131.0	
		08/01/85	103.0	128.0	
		09/01/85	104.0	127.0	
03S/09W-33K01 S	250.0	10/31/84	49.4	200.6	4742

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

U LOS ANGELES HB
U-05 LA-SAN GABRIEL RIVER HU
U-05.F ANAHEIM HA
U-05.F1 BUENA PARK HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
035/09W-33K01 S	250.0	11/01/84	56.9	193.1	4742
		12/02/84	45.2	204.8	
		01/02/85	42.8	207.2	
		02/01/85	40.0	210.0	
		03/01/85	42.0	208.0	
		04/01/85	46.9	203.1	
		05/01/85	60.9(1)	189.1	
		06/03/85	63.5(1)	186.5	
		07/01/85	68.0(1)	182.0	
		08/01/85	67.0(1)	183.0	
		09/03/85	66.5(1)	183.5	
035/09W-33K03 S	250.0	10/01/84	72.0(1)	178.0	4742
		11/01/84	82.0(1)	168.0	
		12/02/84	43.6	206.4	
		01/02/85	70.7(1)	179.3	
		02/01/85	38.3	211.7	
		03/01/85	70.9(1)	179.1	
		04/01/85	44.7	205.3	
		05/01/85	77.4(1)	172.6	
		06/03/85	79.0(1)	171.0	
		07/01/85	81.8(1)	168.2	
		08/01/85	82.7(1)	167.3	
		09/03/85	85.5(1)	164.5	
035/09W-33K04 S	250.0	10/01/84	62.7(1)	187.3	4742
		11/01/84	61.4	188.6	
		12/02/84	48.9	201.1	
		01/02/85	61.5(1)	188.5	
		02/01/85	44.6	205.4	
		03/01/85	46.4	203.6	
		04/01/85	63.0(1)	187.0	
		05/01/85	66.6(1)	183.4	
		06/03/85	70.2(1)	179.8	
		07/01/85	69.0(1)	181.0	
		08/01/85	72.6(1)	177.4	
		09/03/85	61.9	188.1	
035/09W-33K05 S	252.0	10/01/84	54.7	197.3	4742
		11/01/84	62.2	189.8	
		12/02/84	52.1	199.9	
		01/02/85	49.9	202.1	
		02/01/85	47.4	204.6	
		03/01/85	48.8	203.2	
		04/01/85	63.9(1)	188.1	
		05/01/85	57.7	194.3	
		06/03/85	60.7	191.3	
		07/01/85	78.5(1)	173.5	
		08/01/85	64.8	187.2	
		09/03/85	64.5	187.5	
035/09W-33K06 S	252.0	10/01/84	55.8	196.2	4742
		11/01/84	64.7	187.3	
		12/02/84	53.3	198.7	
		01/02/85	50.7	201.3	
		02/01/85	48.2	203.8	
		03/01/85	50.2	201.8	
		04/01/85	54.0	198.0	
		05/01/85	58.1	193.9	
		06/03/85	61.0	191.0	
		07/01/85	65.0	187.0	
		08/01/85	64.6	187.4	
		09/03/85	65.8	186.2	
035/09W-33K07 S		10/01/84	NM-7		4742
		11/01/84	NM-7		
		12/02/84	NM-7		
		01/02/85	45.0	207.0	
		02/01/85	40.0	212.0	
		03/01/85	41.0	211.0	
		04/01/85	53.0	199.0	
		05/01/85	58.0(1)	194.0	
		06/03/85	62.0(1)	190.0	
		07/01/85	65.0(1)	187.0	
		08/01/85	65.0(1)	187.0	
		09/03/85	58.0	194.0	
035/09W-33N03 S	244.5	11/02/84	62.9	181.6	4417
		02/13/85	51.7	192.8	
		05/07/85	60.1	184.4	
		08/22/85	67.7	176.8	
035/09W-33Q02 S	251.9	11/02/84	47.3	204.6	4417
		11/13/84	47.4	204.5	5102
		02/04/85	NM-6		
035/09W-33Q03 S	251.4	11/02/84	42.0	209.4	4417
		02/13/85	NM-6		
035/09W-34L02 S	260.0	11/02/84	30.7	229.3	4417
		02/13/85	20.2	239.8	
		05/07/85	22.6	237.4	
		08/22/85	26.5	233.9	
035/10W-32P01 S	121.0	11/13/84	78.3	42.7	5102
		02/04/85	75.1	45.9	
		06/18/85	80.0	41.0	
		09/10/85	80.4	40.6	
045/09W-04Q01 S	245.4	11/02/84	74.7	170.7	4417
		02/13/85	66.1	179.3	
045/10W-01F01 S	198.0	10/01/84	122.0	76.0	4210
		11/01/84	113.0	85.0	
		12/01/84	116.0	82.0	
		01/02/85	115.0	83.0	
		02/01/85	101.0	97.0	
		03/01/85	102.0	96.0	
		04/01/85	104.0	94.0	

U LOS ANGELES HB
U-05 LA-SAN GABRIEL RIVER HU
U-05.F ANAHEIM HA
U-05.F1 BUENA PARK HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
045/10W-01F01 S	198.0	05/01/85	107.0	91.0	4210
		06/01/85	113.0	85.0	
		07/01/85	122.0	76.0	
		08/01/85	121.0	77.0	
		09/01/85	123.0	75.0	
045/10W-03P01 S	163.0	10/01/84	119.0	44.0	4210
		11/01/84	117.0	46.0	
		12/01/84	113.0	50.0	
		01/02/85	111.0	52.0	
		02/01/85	96.0	65.0	
		03/01/85	97.0	66.0	
		04/01/85	98.0	65.0	
		05/01/85	100.0	63.0	
		06/01/85	111.0	52.0	
		07/01/85	115.0	48.0	
		08/01/85	120.0	43.0	
		09/01/85	125.0	38.0	
045/10W-03P02 S	155.5	10/01/84	116.5	39.0	4210
		11/01/84	114.5	41.0	
		12/01/84	109.5	46.0	
		01/02/85	111.5	44.0	
		02/01/85	95.5	60.0	
		03/01/85	96.5	59.0	
		04/01/85	98.5	57.0	
		05/01/85	99.5	56.0	
		06/01/85	108.5	47.0	
		07/01/85	110.5	45.0	
		08/01/85	117.5	38.0	
		09/01/85	119.5	36.0	
045/10W-04Q02 S	152.0	10/01/84	112.0	40.0	4210
		11/01/84	116.0	36.0	
		12/01/84	114.0	38.0	
		01/02/85	114.0	38.0	
		02/01/85	95.0	57.0	
		03/01/85	93.0	59.0	
		04/01/85	96.0	56.0	
		05/01/85	104.0	48.0	
		06/01/85	111.0	41.0	
		07/01/85	114.0	38.0	
		08/01/85	119.0	33.0	
		09/01/85	121.0	31.0	
045/10W-07E01 S	101.0	10/01/84	109.4	-8.4	4210
		11/01/84	97.4	3.6	
		12/01/84	97.4	3.6	
		01/02/85	87.4	13.6	
		02/01/85	84.4	16.6	
		03/01/85	73.4	27.6	
		04/01/85	76.4	24.6	
		05/01/85	80.4	20.6	
		06/01/85	91.4	9.6	
		07/01/85	94.4	6.6	
		08/01/85	101.4	-.4	
		09/01/85	106.4	-5.4	
045/10W-07J03 S	94.8	10/09/84	41.7	53.1	4417
		11/14/84	41.4	53.4	
		02/14/85	39.5	55.3	
		04/15/85	38.5	56.3	
		05/09/85	45.0	49.8	
		08/21/85	40.9	53.9	
045/10W-07K04 S	98.2	11/14/84	43.4	54.8	4417
		02/14/85	36.8	61.4	
		05/09/85	36.3	61.9	
		08/21/85	43.3	54.9	
C45/10W-08C02 S	128.0	10/01/84	109.0	19.0	4210
		11/01/84	125.0	3.0	
		12/01/84	121.0	7.0	
		01/02/85	113.0	15.0	
		02/01/85	100.0	28.0	
		03/01/85	100.0	28.0	
		04/01/85	101.0	27.0	
		05/01/55	NM-7		
		06/01/85	NM-7		
		07/01/85	103.0	25.0	
		08/01/85	106.0	22.0	
		09/01/85	108.0	20.0	
045/10W-08K01 S	126.1	11/14/84	105.4	20.7	4417
		03/01/85	81.5	44.6	
		05/09/85	96.3	29.8	
		08/21/85	111.9	14.2	
045/10W-08N05 S	119.0	10/01/84	104.0	15.0	4210
		11/01/84	105.0	14.0	
		12/01/84	103.0	16.0	
		01/02/85	99.0	20.0	
		02/01/85	83.0	36.0	
		03/01/85	80.0	39.0	
		04/01/85	81.0	38.0	
		05/01/85	89.0	30.0	
		06/01/85	98.0	21.0	
		07/01/85	102.0	17.0	
		08/01/85	107.0	12.0	
		09/01/85	111.0	8.0	
045/10W-09B02 S	148.0	10/01/84	120.0	28.0	4210
		11/01/84	119.0	29.0	
		12/01/84	119.0	29.0	
		01/02/85	120.0	28.0	
		02/01/85	95.0	53.0	
		03/01/85	94.0	54.0	
		04/01/85	95.0	53.0	
		05/01/85	107.0	41.0	

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U LOS ANGELES NB					
U-05 LA-SAN GABRIEL RIVER HU					
U-05.F ANAHEIM HA					
U-05.F1 BUENA PARK HSA					
045/10W-09B02 S	148.0	06/01/85	114.0	34.0	4210
		07/01/85	117.0	31.0	
		08/01/85	123.0	25.0	
		09/01/85	137.0	11.0	
045/10W-09B03 S	147.0	10/01/84	144.0	3.0	4210
		11/01/84	140.0	7.0	
		12/01/84	138.0	9.0	
		01/02/85	140.0	7.0	
		02/01/85	115.0	32.0	
		03/01/85	114.0	33.0	
		04/01/85	115.0	32.0	
		05/01/85	131.0	16.0	
		06/01/85	137.0	10.0	
		07/01/85	140.0	7.0	
		08/01/85	141.0	6.0	
		09/01/85	144.0	3.0	
045/10W-18A01 S	107.0	11/14/84	68.8	38.2	4417
		02/14/85	61.9	45.1	
		05/09/85	63.7	43.3	
		08/21/85	69.5	37.5	
045/11W-08P01 S	38.6	11/01/84	33.3	5.3	4417
		11/05/84	65.6	-27.0	1733
		11/26/84	62.1	-23.5	
		12/17/84	56.6	-18.0	
		01/07/85	52.8	-14.2	
		01/28/85	48.7	-10.1	
		02/14/85	24.0	14.6	4417
		02/19/85	43.2	-4.6	1733
		03/11/85	40.8	-2.2	
		04/01/85	40.3	-1.7	
		04/22/85	46.1	-7.5	
		05/13/85	52.3	-13.7	
		06/03/85	59.1	-20.5	
		06/24/85	64.4	-25.8	
		07/15/85	67.2	-28.6	
		08/05/85	67.3	-28.7	
		08/22/85	37.0(4)	1.6	4417
		08/26/85	68.3	-29.7	1733
		09/16/85	66.4	-27.8	
045/11W-12R07 S	91.0	02/14/85	57.3(4)	33.7	4417
		05/09/85	57.7	33.3	
		08/21/85	62.8(4)	28.2	
045/11W-13003 S	81.0	10/01/84	84.0	-3.0	4210
		11/01/84	88.0	-7.0	
		12/01/84	84.0	-3.0	
		01/02/85	74.0	7.0	
		02/01/85	68.0	13.0	
		03/01/85	63.0	18.0	
		04/01/85	65.0	16.0	
		05/01/85	68.0	13.0	
		06/01/85	64.0	17.0	
		07/01/85	83.0	-2.0	
		08/01/85	90.0	-9.0	
		09/01/85	NM-9		
045/11W-14H01 S		10/01/84	NM-7		4210
	70.0	11/01/84	84.7	-14.7	
		12/01/84	81.7	-11.7	
		01/02/85	NM-7		
		02/01/85	NM-7		
		03/01/85	NM-7		
		04/01/85	NM-7		
		05/01/85	NM-7		
		06/01/85	NM-7		
		07/01/85	NM-7		
045/11W-14004 S	65.0	10/01/84	46.0	19.0	4210
		11/01/84	45.0	20.0	
		12/01/84	43.0	22.0	
		01/02/85	41.0	24.0	
		02/01/85	39.0	26.0	
		03/01/85	38.0	27.0	
		04/01/85	39.0	26.0	
		05/01/85	27.0	38.0	
		06/01/85	NM-7		
045/11W-15L06 S	58.0	11/01/84	16.7	41.3	4417
		02/14/85	13.8	44.2	
		05/07/85	14.2	43.8	
		08/19/85	15.2	42.8	
045/11W-27001 S	38.5	10/09/84	54.0	-15.5	4417
		11/01/84	54.5	-16.0	
		02/14/85	32.2	6.3	
		04/15/85	35.4	3.1	
		05/07/85	43.7	-5.2	
		08/17/85	59.3	-20.8	
045/11W-31F03 S	16.0	11/01/84	22.2	-6.2	4417
		02/28/85	13.9	2.1	
		05/13/85	16.0	.0	
		08/17/85	23.2	-7.2	
U-05.F2 LA HABRA HSA					
035/10W-02N02 S	423.0	11/01/84	129.2(4)	293.8	4417
		02/13/85	125.3	297.7	
		05/07/85	127.8	295.2	
		08/22/85	130.3(4)	292.7	
035/10W-09M02 S	305.0	11/01/84	30.2	274.8	4417
		02/13/85	29.7	275.3	
		05/07/85	30.1	274.9	
		08/19/85	30.3	274.7	

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U LOS ANGELES NB					
U-05 LA-SAN GABRIEL RIVER HU					
U-05.F ANAHEIM HA					
U-05.F2 LA HABRA HSA					
035/10W-10N02 S	315.0	11/01/84	15.9	299.1	4417
		02/13/85	15.5	299.5	
		05/07/85	15.9	299.1	
		08/19/85	16.4	298.6	
035/10W-18C01 S	211.0	11/01/84	87.2	123.8	4417
		02/13/85	89.2	121.8	
		05/07/85	92.4	118.6	
		08/19/85	90.9	120.1	
U-05.F3 YORBA LINDA HSA					
035/09W-20M01 S	335.2	11/02/84	154.4	180.8	4417
		02/13/85	153.1	182.1	
		05/07/85	152.5	182.7	
		08/22/85	154.4	180.8	
035/09W-21M05 S	356.0	11/02/84	65.0	291.0	4417
		02/13/85	64.9	291.1	
		05/07/85	65.2	290.8	
		08/22/85	65.6	290.4	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
W	LAHONTAN DRAINAGE PROVINCE				
W-26	ANTELOPE HYDRO UNIT				
W-26.A	ANTELOPE HYDRO SUBUNIT				
W-26.A3	WILLOW SPRINGS HYDRO SUBAREA				
11N/13W-29M01 S	3391.0	10/01/84	278.1	3112.9	4785
		11/01/84	277.6	3113.4	
		12/01/84	277.4	3113.6	
		01/01/85	277.4	3113.6	
		02/01/85	278.4	3112.6	
		03/01/85	278.7	3112.3	
		04/01/85	279.3	3111.7	
		05/01/85	279.9	3111.1	
		06/01/85	280.5	3110.5	
		07/01/85	281.2	3109.8	
		08/01/85	281.7	3109.3	
		09/01/85	282.2	3108.8	
W-26.A8	ROCK CREEK HYDRO SUBAREA				
06N/07W-19E02 S	2931.0	11/14/84	87.7	2843.3	5101
		04/15/85	91.3	2839.7	

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
W	SOUTH LAHONTAN HB				
W-28	MOJAVE HU				
W-28.A	EL MIRAGE HA				
06N/07W-07B01 S	2866.0	11/14/84	35.5	2830.5	5101
		04/15/85	35.4	2830.6	
06N/07W-10P01 S	2865.0	11/14/84	32.6	2832.4	5101
		04/15/85	33.1	2831.9	
06N/07W-26R01 S	3005.0	11/14/84	132.1	2872.9	5101
		04/15/85	129.2	2875.8	
06N/07W-27N01 S		11/14/84	DRY		5101
		04/15/85	DRY		
W-28.B	UPPER MOJAVE HA				
03N/04W-32C01 S	3187.0	11/14/84	10.6	3176.4	5101
04N/03W-01M01 S	3037.0	11/14/84	230.1(3)	2806.9	5101
		04/15/85	NM-1		
04N/03W-06D02 S		11/14/84	NM-3		5101
	2870.0	04/15/85	71.5	2798.5	
04N/03W-07C01 S		11/14/84	NM-4		5101
	2860.0	04/15/85	46.9	2813.1	
05N/03W-13D01 S		11/14/84	NM-3		5101
	2930.0	04/15/85	125.4	2804.6	
05N/03W-24N01 S	2927.7	11/14/84	116.5	2811.2	5101
		04/15/85	117.0	2810.7	
05N/03W-35N01 S	2984.0	11/14/84	188.3	2795.7	5101
		04/15/85	201.5	2782.5	
06N/03W-09E04 S		11/09/84	NM-1		5101
	3085.0	04/17/85	31.4	3053.6	
06N/05W-19E01 S	2830.0	11/14/84	72.6	2757.4	5101
		04/15/85	838.1	1991.9	
06N/06W-21A01 S	2860.0	11/14/84	62.2	2797.8	5101
		04/15/85	60.4	2799.6	
07N/07W-20A01 S	2875.0	11/14/84	158.7(4)	2716.3	5101
		04/15/85	151.0	2724.0	
W-28.C	MIDDLE MOJAVE HA				
08N/01W-29F01 S		11/09/84	NM-1		5101
	2869.2	04/17/85	95.5	2773.7	
09N/02W-20B01 S	2293.0	11/15/84	131.1	2161.9	5101
		04/10/85	130.1	2162.9	
W-28.E	LOWER MOJAVE HA				
09N/01E-03H01 S	1948.0	11/15/84	124.3	1823.7	5101
		04/10/85	108.6	1839.4	
09N/02E-14N02 S	1886.0	11/15/84	42.7	1843.3	5101
		04/10/85	65.0	1821.0	
09N/02E-20Q01 S	1921.4	11/15/84	97.9	1823.5	5101
		04/10/85	99.4	1822.0	
09N/03E-15N03 S	1830.0	11/15/84	82.8	1747.2	5101
		04/10/85	82.9	1747.1	
09N/04E-07M02 S		11/15/84	DRY		5101
		04/10/85	DRY		
10N/02E-32P01 S	1905.5	11/15/84	68.1	1837.4	5101
		04/10/85	68.7	1836.8	
10N/03E-21A01 S		04/10/85	DRY		5101
09N/01W-10D02 S	2045.0	11/15/84	6.3	2038.7	5101
		04/10/85	11.1(4)	2033.9	
09N/01W-10R01 S	2081.0	11/15/84	59.4	2021.6	5101
		04/10/85	48.7	2032.3	
W-28.F	NEWBERRY SPRINGS HA				
W-28.F2	TROY VALLEY HSA				
08N/03E-04B03 S		11/15/84	DRY		5101
		04/10/85	DRY		
09N/03E-34D03 S		11/15/84	NM-2		5101
	1828.8	04/10/85	77.0	1751.8	
09N/03E-34N01 S	1820.0	11/15/84	57.4	1762.6	5101
		04/10/85	53.7	1766.3	
W-28.G	AFTON HA				
W-28.G1	CAVES HSA				
10N/04E-04E01 S	1740.0	11/16/84	88.0	1652.0	5101
		04/10/85	88.0	1652.0	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
X COLORADO RIVER HB					
X-01 LUCERNE LAKE HU					
04N/01E-06R01 S	2695.0	11/09/84	188.7	2706.3	5101
		04/17/85	192.3	2702.7	
04N/01E-12P01 S	2971.0	11/09/84	160.1	2810.9	5101
		04/17/85	155.7	2815.3	
04N/01W-09Q01 S	2975.0	11/09/84	49.2	2925.8	5101
		04/17/85	48.6	2926.4	
04N/02W-13A01 S	2980.0	11/09/84	71.1	2908.9	5101
		04/17/85	70.1	2909.9	
05N/01W-01C02 S	2920.7	11/09/84	186.1	2734.6	5101
		04/17/85	153.0	2767.7	
05N/01W-01L01 S	2905.0	11/09/84	142.3	2762.7	5101
		04/17/85	127.2	2777.8	
06N/01W-05J01 S	3229.0	11/09/84	124.0	3105.0	5101
		04/17/85	122.3	3106.7	
06N/01W-22P01 S	3059.0	11/09/84	206.7	2852.3	5101
		04/17/85	192.6	2866.4	
06N/01W-36K02 S	2940.0	11/09/84	183.9	2756.1	5101
		04/17/85	189.7	2750.3	
Y COLORAOD RIVER HB					
X-08 JOSHUA TREE HU					
X-08.A WARDEN HA					
01N/06E-26L01 S		10/31/84	NM-9		5101
	2970.0	11/02/84	179.6	2790.4	
		04/09/85	197.4	2772.6	
		09/30/85	185.0	2785.0	
015/05E-04P02 S	3520.0	10/31/84	40.3	3479.7	5101
		04/09/85	140.5	3379.5	
X-08.B COPPER MOUNTAIN HA					
01N/06E-13R01 S		10/31/84	NM-9		5101
	2650.0	04/09/85	435.2	2214.8	
01N/07E-14N01 S	2359.0	10/31/84	190.4(3)	2168.6	5101
		04/09/85	269.4	2089.6	
01N/07E-21J01 S		10/31/84	DRY		5101
		04/05/85	DRY		
01N/07E-23A01 S	2865.0	10/31/84	214.5	2650.5	5101
		04/09/85	218.0	2647.0	
01N/07E-23A02 S	2376.0	10/31/84	212.2	2163.8	5101
01N/07E-30P01 S	2670.0	10/31/84	367.0	2303.0	5101
		04/09/85	376.3	2293.7	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
X COLORADO RIVER NB					
X-09 DALE HU					
X-09.A TWENTYNINE PALMS NA					
01N/08E-12C01 S	1972.7	11/04/84	203.2	1769.5	5101
		04/05/85	204.9(1)	1767.8	
01N/08E-33A02 S		10/02/84	NM-1		5101
	2520.0	11/02/84	289.2	2230.8	
		04/12/85	NM-1		
01N/08E-36A01 S	2129.7	11/02/84	145.5	1984.2	5101
		04/12/85	154.1	1975.6	
01N/09E-04N03 S	1787.0	11/05/84	17.3	1769.7	5101
		04/05/85	16.6	1770.4	
01N/09E-06E01 S	1840.0	11/04/84	67.3	1772.7	5101
		04/05/85	66.7	1773.3	
01N/09E-09M02 S	1810.0	11/04/84	52.8	1757.2	5101
		04/05/85	42.4	1767.6	
01N/09E-16G02 S	1800.0	11/02/84	14.0	1786.0	5101
		04/12/85	13.4	1786.6	
01N/09E-17E01 S	1870.0	11/04/84	111.9	1758.1	5101
		04/05/85	111.1	1758.9	
01N/09E-22E01 S	1827.0	11/02/84	56.7	1770.3	5101
		04/12/85	59.6	1767.4	
01N/09E-27C04 S	1870.0	11/02/84	118.5	1751.5	5101
		04/12/85	106.7	1763.3	
01N/09E-31A01 S	2095.0	11/02/84	128.5(1)	1966.5	5101
		04/12/85	NM-1		
01N/09E-31C01 S	2102.3	11/02/84	148.0	1954.3	5101
		04/12/85	NM-1		
01N/09E-33F03 S	1979.0	11/02/84	8.9	1970.1	5101
		04/09/85	9.1	1969.9	
01N/09E-34A01 S	1950.0	11/02/84	153.8	1796.2	5101
		04/12/85	167.7	1782.3	
01N/09E-35F01 S	1971.0	11/02/84	114.7	1856.3	5101
		04/12/85	114.7	1856.3	
01N/09E-35N01 S	2079.5	11/02/84	111.3	1968.2	5101
		04/09/85	112.5	1967.0	
02N/09E-19N01 S	1834.0	11/04/84	78.5	1755.5	5101
		04/05/85	73.6	1760.4	
01S/09E-03D01 S		11/02/84	NM-9		5101
	2076.4	04/09/85	93.5	1982.9	
X-09.B DALE VALLEY NA					
01N/10E-24M02 S		11/06/84	DRY		5101
		04/05/85	DRY		
01N/11E-04M01 S	1360.0	11/05/84	159.0	1201.0	5101
		04/05/85	156.8	1203.2	
01N/11E-14A01 S	1285.0	11/05/84	81.1	1203.9	5101
		04/05/85	80.7	1204.3	
X COLORADO RIVER NB					
X-19 WHITEWATER HU					
X-19.A MORONGO HA					
01S/04E-14N01 S	2750.0	10/31/84	161.4	2588.6	5101
		04/09/85	158.6	2591.4	
01S/04E-23C03 S	2700.0	10/31/84	125.4	2574.6	5101
		04/09/85	126.0	2574.0	
X-19.C SAN GORGONIO HA					
X-19.C2 CABAZON NSA					
02S/01E-17F01 S	3730.0	10/05/84	37.0	3693.0	4829
		10/25/84	36.0	3694.0	
		11/02/84	43.0	3687.0	
		12/14/84	45.0	3685.0	
		12/21/84	44.0	3686.0	
		01/04/85	63.0	3667.0	
		01/11/85	65.0	3665.0	
		01/18/85	68.0	3662.0	
		01/25/85	59.0	3671.0	
		02/08/85	69.0	3661.0	
		02/15/85	69.0	3661.0	
		02/28/85	66.0	3664.0	
		03/08/85	67.0	3663.0	
		03/14/85	66.0	3664.0	
		03/31/85	68.0	3662.0	
		04/07/85	46.0	3684.0	
		05/03/85	41.0	3689.0	
		05/17/85	37.0	3693.0	
		05/28/85	33.0	3697.0	
		05/31/85	34.0	3696.0	
		06/07/85	33.0	3697.0	
		06/21/85	32.0	3698.0	
		07/07/85	61.0	3669.0	
		07/14/85	59.0	3671.0	
		08/07/85	70.0	3660.0	
		08/14/85	70.0	3660.0	
		09/07/85	52.0	3678.0	
		09/20/85	50.0	3680.0	
02S/01E-17L01 S	3696.0	10/05/84	10.0	3686.0	4829
		10/25/84	10.0	3686.0	
		11/02/84	14.0	3682.0	
		11/07/84	14.0	3682.0	
		12/14/84	15.0	3681.0	
		12/21/84	15.0	3681.0	
		01/04/85	5.0	3691.0	
		01/11/85	5.0	3691.0	
		01/15/85	6.0	3690.0	
		01/25/85	5.0	3691.0	
		02/08/85	5.0	3691.0	
		02/15/85	5.0	3691.0	
		02/28/85	5.0	3691.0	
		03/08/85	5.0	3691.0	
		03/14/85	5.0	3691.0	
		03/31/85	5.0	3691.0	
		04/07/85	14.0	3682.0	
		05/03/85	5.0	3691.0	
		05/17/85	10.0	3686.0	
		05/28/85	10.0	3686.0	
		05/31/85	15.0	3681.0	
		06/07/85	16.0	3680.0	
		06/21/85	20.0	3676.0	
		07/07/85	5.0	3691.0	
		07/14/85	10.0	3686.0	
		08/07/85	5.0	3691.0	
		08/14/85	7.0	3689.0	
		09/07/85	24.0	3672.0	
		09/20/85	21.0	3675.0	
02S/01E-20M01 S	3395.0	05/03/85	60.0	3335.0	4829
		07/14/85	60.0	3335.0	
		08/07/85	60.0	3335.0	
02S/01E-29F01 S	3210.0	10/05/84	94.0	3116.0	4829
		10/25/84	98.0	3112.0	
		11/02/84	77.0	3133.0	
		11/07/84	77.0	3133.0	
		12/14/84	76.0	3134.0	
		12/21/84	78.0	3132.0	
		01/04/85	71.0	3139.0	
		01/11/85	71.0	3139.0	
		01/18/85	48.0	3162.0	
		01/25/85	49.0	3161.0	
		02/08/85	57.0	3153.0	
		02/15/85	57.0	3153.0	
		02/28/85	57.0	3153.0	
		03/08/85	55.0	3155.0	
		03/14/85	52.0	3158.0	
		03/31/85	52.0	3158.0	
		04/07/85	55.0	3155.0	
		05/03/85	62.0	3148.0	
		05/17/85	76.0	3134.0	
		05/28/85	84.0	3126.0	
		05/31/85	87.0	3123.0	
		06/07/85	91.0	3119.0	
		06/21/85	102.0	3108.0	
		07/07/85	102.0	3108.0	
		07/14/85	114.0	3096.0	
		08/07/85	104.0	3106.0	
		08/14/85	102.0	3108.0	
		09/07/85	120.0	3090.0	
		09/20/85	120.0	3090.0	
02S/01E-29H01 S	3158.0	10/05/84	75.0	3083.0	4829
		10/25/84	68.0	3090.0	
		11/02/84	41.0	3117.0	
		11/07/84	41.0	3117.0	
		12/14/84	46.0	3112.0	
		12/21/84	42.0	3116.0	
		01/04/85	40.0	3118.0	

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
X COLORADO RIVER HB					
X-19 WHITEWATER HU					
X-19.C SAN GORGONIO HA					
X-19.C2 CABAZON HSA					
02S/01E-29H01 S	3198.0	01/11/85	35.0	3123.0	4829
		01/18/85	33.0	3125.0	
		01/25/85	27.0	3131.0	
		02/08/85	36.0	3122.0	
		02/15/85	26.0	3132.0	
		02/28/85	27.0	3131.0	
		03/08/85	25.0	3133.0	
		03/14/85	25.0	3133.0	
		03/31/85	21.0	3137.0	
		04/07/85	23.0	3135.0	
		05/03/85	26.0	3132.0	
		05/17/85	34.0	3124.0	
		05/28/85	42.0	3116.0	
		05/31/85	38.0	3120.0	
		06/07/85	50.0	3108.0	
		06/21/85	55.0	3103.0	
		07/07/85	74.0	3084.0	
		07/14/85	63.0	3095.0	
		08/07/85	79.0	3079.0	
		08/14/85	78.0	3080.0	
		09/07/85	64.0	3094.0	
		09/20/85	46.0	3112.0	
02S/01E-33J01 S	2750.0	10/05/84	30.0	2720.0	4829
		10/25/84	33.0	2717.0	
		11/02/84	43.0	2707.0	
		11/07/84	43.0	2707.0	
		12/14/84	38.0	2712.0	
		12/21/84	50.0	2700.0	
		01/04/85	50.0	2700.0	
		01/11/85	49.0	2701.0	
		01/18/85	49.0	2701.0	
		01/25/85	40.0	2710.0	
		02/08/85	36.0	2714.0	
		02/15/85	37.0	2713.0	
		02/28/85	37.0	2713.0	
		03/08/85	36.0	2714.0	
		03/14/85	38.0	2712.0	
		03/31/85	36.0	2714.0	
		04/07/85	20.0	2730.0	
		05/03/85	21.0	2729.0	
		05/17/85	19.0	2731.0	
		05/28/85	19.0	2731.0	
		05/31/85	20.0	2730.0	
		06/07/85	22.0	2728.0	
		06/21/85	23.0	2727.0	
		07/07/85	42.0	2708.0	
		07/14/85	50.0	2700.0	
		08/07/85	47.0	2703.0	
		08/14/85	55.0	2695.0	
		09/07/85	48.0	2702.0	
		09/20/85	46.0	2704.0	
02S/01E-33J02 S	2768.0	10/05/84	49.0	2719.0	4829
		10/25/84	52.0	2716.0	
		11/02/84	78.0	2690.0	
		11/07/84	78.0	2690.0	
		12/14/84	61.0	2707.0	
		12/21/84	64.0	2704.0	
		01/04/85	45.0	2723.0	
		01/11/85	42.0	2726.0	
		01/18/85	37.0	2731.0	
		01/25/85	31.0	2737.0	
		02/08/85	26.0	2742.0	
		02/15/85	30.0	2738.0	
		02/28/85	26.0	2742.0	
		03/08/85	26.0	2742.0	
		03/14/85	23.0	2745.0	
		03/31/85	21.0	2747.0	
		04/07/85	38.0	2730.0	
		05/03/85	39.0	2729.0	
		05/17/85	34.0	2734.0	
		05/28/85	34.0	2734.0	
		05/31/85	32.0	2736.0	
		06/07/85	37.0	2731.0	
		06/21/85	42.0	2726.0	
		07/07/85	50.0	2718.0	
		07/14/85	55.0	2713.0	
		08/07/85	63.0	2705.0	
		08/14/85	66.0	2702.0	
		09/07/85	87.0	2681.0	
		09/20/85	84.0	2684.0	
02S/01E-33J03 S	2770.0	10/05/84	38.0	2732.0	4829
		11/02/84	54.0	2716.0	
		11/07/84	54.0	2716.0	
		01/25/85	29.0	2741.0	
		02/08/85	21.0	2749.0	
		02/15/85	26.0	2744.0	
		02/28/85	22.0	2748.0	
		03/08/85	22.0	2748.0	
		03/14/85	23.0	2747.0	
		03/31/85	18.0	2752.0	
		04/07/85	20.0	2750.0	
		05/03/85	22.0	2748.0	
		05/17/85	21.0	2749.0	
		05/28/85	20.0	2750.0	
		05/31/85	20.0	2750.0	
		06/07/85	22.0	2748.0	
		06/21/85	26.0	2744.0	
		07/07/85	34.0	2736.0	
		07/14/85	37.0	2733.0	
		08/07/85	45.0	2725.0	
		08/14/85	50.0	2720.0	
		09/07/85	56.0	2714.0	
		09/20/85	56.0	2714.0	
03S/01E-07E01 S	2521.0	11/02/84	298.0	2223.0	4829
		11/07/84	298.0	2223.0	

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
X COLORADO RIVER HB					
X-19 WHITEWATER HU					
X-19.C SAN GORGONIO HA					
X-19.C2 CABAZON HSA					
03S/01E-07E01 S	2521.0	12/14/84	296.0	2225.0	4829
		12/21/84	290.0	2231.0	
		01/04/85	304.0	2217.0	
		01/11/85	307.0	2214.0	
		01/18/85	299.0	2222.0	
		01/25/85	290.0	2231.0	
		02/08/85	298.0	2223.0	
		02/15/85	307.0	2214.0	
		02/28/85	299.0	2222.0	
		03/08/85	305.0	2216.0	
		03/14/85	297.0	2224.0	
		03/31/85	300.0	2221.0	
		05/03/85	298.0	2223.0	
		05/17/85	300.0	2221.0	
		05/28/85	300.0	2221.0	
		05/31/85	298.0	2223.0	
		06/07/85	300.0	2221.0	
		06/21/85	303.0	2218.0	
		07/07/85	310.0	2211.0	
		07/14/85	308.0	2213.0	
		08/07/85	310.0	2211.0	
		08/14/85	300.0	2221.0	
		09/07/85	301.0	2220.0	
03S/02E-23B01 S	1524.0	11/02/84	239.5	1284.5	5135
		01/23/85	238.5	1285.5	
		05/16/85	236.5	1287.5	
03S/03E-07M01 S	1472.0	11/02/84	259.3	1212.7	5135
		01/23/85	268.3	1203.7	
		05/16/85	267.0	1205.0	
03S/03E-08M01 S	1350.0	11/02/84	167.6	1182.4	5135
		01/23/85	166.4	1183.6	
		05/16/85	165.2	1184.8	
X-19.0 COACHELLA HA					
X-19.01 BARNET HILL HSA					
03S/04E-12B02 S	885.0	10/31/84	146.2	738.8	5135
		01/22/85	146.2	738.8	
		05/09/85	147.0	738.0	
03S/04E-13N01 S	713.0	10/31/84	231.1	481.9	5135
		01/22/85	228.6	484.4	
		05/16/85	232.4	480.6	
03S/04E-17K01 S	901.0	11/02/84	314.2	586.8	5135
		01/23/85	309.8	591.2	
		05/22/85	307.6	593.4	
03S/04E-22A01 S	711.0	11/02/84	146.3	564.7	5135
		01/22/85	145.2	565.8	
		05/11/85	144.5	566.5	
		05/17/85	145.0	566.0	
03S/05E-30G01 S	590.0	11/02/84	206.1	383.9	5135
		01/24/85	206.5	383.5	
		05/23/85	206.5	383.5	
X-19.02 MISSION CREEK HSA					
02S/04E-29N01 S		10/31/84	DRY		5135
		05/09/85	DRY		
02S/04E-34A01 S	1180.0	10/31/84	419.0	761.0	5135
		01/22/85	426.7	753.3	
		05/09/85	426.6	753.4	
02S/04E-35Q01 S	1044.0	10/31/84	303.1	740.9	5135
		01/22/85	303.0	741.0	
		05/09/85	302.7	741.3	
03S/04E-12B01 S	885.0	10/31/84	144.4	740.6	5135
		01/22/85	144.4	740.6	
		05/09/85	145.2	739.8	
03S/04E-12C01 S	890.0	10/31/84	152.3(4)	737.7	5135
		01/22/85	151.9	738.1	
		05/09/85	152.7	737.3	
03S/04E-12H01 S	842.6	10/31/84	107.2	735.4	5135
		01/22/85	107.4	735.2	
		05/09/85	108.5	734.1	
03S/05E-10L02 S	925.0	11/06/84	181.3	743.7	5135
		01/24/85	169.0	756.0	
		05/23/85	171.8	753.2	
03S/05E-17J01 S	787.0	11/02/84	52.5	734.5	5135
		01/24/85	51.9	735.1	
		05/23/85	52.7	734.3	
03S/05E-19B01 S		10/31/84	FLOW		5135
		05/16/85	FLOW		
	689.0	05/23/85	-1.5	690.5	
X-19.03 MIRACLE HILL HSA					
02S/05E-32E06 S	1167.0	11/06/84	55.7	1111.3	5135
		01/24/85	62.2	1104.8	
		05/16/85	61.9	1105.1	
02S/05E-33E05 S	1240.0	11/06/84	170.6	1069.4	5135
		01/24/85	171.2	1068.8	
		05/16/85	129.4	1110.6	
03S/05E-03L01 S	1165.0	11/06/84	220.5	944.5	5135
		01/24/85	220.3	944.7	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
X COLORADO RIVER NB					
X-19 WHITEWATER HU					
X-19.0 COACHELLA HA					
X-19.03 MIRACLE HILL HSA					
03S/05E-03L01 S	1165.0	05/22/85	220.3	944.7	5135
03S/05E-03R01 S	1055.0	11/06/84	147.2	907.8	5135
		01/24/85	150.7	904.3	
		05/22/85	147.2	907.8	
03S/05E-04M01 S	1160.0	11/06/84	245.0	915.0	5135
		01/24/85	244.7	915.3	
		05/22/85	244.8	915.2	
03S/05E-10R01 S		11/06/84	NM-2		5135
	960.0	01/24/85	68.0	892.0	
		05/23/85	61.7	898.3	
03S/05E-11Q01 S		11/06/84	NM-2		5135
	1075.0	01/24/85	207.0	868.0	
		05/23/85	207.9	867.1	
03S/05E-12P01 S	1165.0	11/06/84	322.0	843.0	5135
		01/24/85	318.0	847.0	
		05/23/85	305.8	859.2	
X-19.04 SKY VALLEY HSA					
03S/06E-21F02 S	1070.0	11/06/84	313.9(4)	756.1	5135
		01/25/85	314.8	755.2	
		05/23/85	311.8(4)	758.2	
03S/06E-25D01 S	955.0	12/21/84	229.4	725.6	5135
		01/25/85	229.2	725.8	
		05/23/85	228.8	726.2	
03S/06E-26P01 S	960.0	11/06/84	248.8	711.2	5135
		01/25/85	249.0	711.0	
		05/23/85	249.2	710.8	
03S/06E-28A01 S	1000.0	11/06/84	250.0	750.0	5135
		01/25/85	150.0	850.0	
		05/23/85	250.8	749.2	
03S/06E-36P01 S	772.0	11/06/84	80.9	691.1	5135
		01/25/85	79.9	692.1	
		05/23/85	81.3	690.7	
X-19.05 FARGO CANYON HSA					
04S/07E-14E01 S	1100.0	11/20/84	372.1	727.9	5135
		02/08/85	371.9	728.1	
		06/04/85	371.9	728.1	
X-19.06 THOUSAND PALMS HSA					
04S/06E-08L01 S	365.0	11/01/84	302.5	62.5	5135
		02/07/85	302.5	62.5	
		05/30/85	302.3	62.7	
04S/06E-17R01 S	215.0	11/01/84	146.3	68.7	5135
		02/06/85	146.1	68.9	
		05/30/85	147.3	67.7	
04S/06E-20A01 S	203.0	11/01/84	133.5	69.5	5135
		02/06/85	129.6	73.4	
		05/30/85	133.7	69.3	
04S/06E-22C01 S	217.0	11/01/84	168.0	49.0	5135
		02/06/85	163.2	53.8	
		05/30/85	167.2	49.8	
04S/06E-22C02 S	217.0	11/01/84	161.4	55.6	5135
		02/06/85	159.6	57.4	
		05/30/85	164.1	52.9	
04S/06E-22J01 S	230.0	11/01/84	166.9	63.1	5135
		02/07/85	166.7	63.3	
		05/30/85	167.4	62.6	
04S/06E-22K01 S	215.0	11/01/84	137.9	77.1	5135
		02/07/85	139.1	75.9	
		05/30/85	140.9	74.1	
04S/07E-30H01 S	150.0	11/16/84	144.2	5.8	5135
		02/07/85	NM-9		
		06/05/85	153.9	-3.9	
04S/07E-33N01 S	55.0	02/08/85	50.2	4.8	5135
		06/05/85	56.5	-1.5	
05S/07E-04A01 S	47.0	12/11/84	46.9	.1	5135
		03/13/85	49.4	-2.4	
05S/07E-04Q01 S	58.0	12/06/84	56.3	1.7	5135
		03/15/85	54.9	3.1	
X-19.07 INDIO HSA					
03S/03E-10P01 S	1170.0	10/02/84	352.1	817.9	5135
		11/11/84	350.6	819.4	
		12/05/84	347.8	822.2	
		01/03/85	346.6	823.4	
		02/01/85	344.2	825.8	
		03/06/85	342.3	827.7	
		04/05/85	339.6	830.4	
		05/03/85	335.8	834.2	
		06/07/85	328.0	842.0	
03S/04E-20Q01 S	910.0	10/02/84	375.1	534.9	5135
		11/01/84	374.4	535.6	
		12/05/84	370.7	539.3	
		01/03/85	364.8	545.2	
X COLORADO RIVER NB					
X-19 WHITEWATER HU					
X-19.0 COACHELLA HA					
X-19.07 INDIO HSA					
03S/04E-20Q01 S	910.0	02/01/85	357.5	552.5	5135
		03/06/85	347.5	562.5	
		03/29/85	339.3	570.7	
		04/05/85	329.5	580.5	
		04/12/85	326.0	584.0	
		04/19/85	321.2	588.8	
		04/26/85	315.1	594.9	
		05/03/85	308.7	601.3	
		05/11/85	302.0	608.0	
		05/17/85	296.3	613.7	
		05/24/85	291.5	618.5	
		05/31/85	285.5	624.5	
		06/07/85	279.7	630.3	
		06/14/85	274.5	635.5	
		06/21/85	269.7	640.3	
03S/04E-20F01 S	900.0	04/12/85	246.9	653.1	5135
		04/19/85	228.8	671.2	
		04/26/85	203.5	696.5	
		05/03/85	193.9	706.1	
		05/11/85	186.6	713.4	
		05/17/85	181.1	718.9	
		05/24/85	176.3	723.7	
		05/31/85	173.7	726.3	
		06/07/85	169.7	730.3	
		06/14/85	166.9	733.1	
		06/21/85	167.3	732.7	
03S/04E-20F02 S	900.0	04/12/85	326.9	573.1	5135
		04/19/85	319.4	580.6	
		04/26/85	314.0	586.0	
		05/03/85	308.2	591.8	
		05/11/85	302.1	597.9	
		05/17/85	295.7	604.3	
		05/24/85	292.1	607.9	
		05/31/85	287.7	612.3	
		06/07/85	287.6	612.4	
		06/14/85	276.9	623.1	
		06/21/85	272.3	627.7	
03S/04E-20F03 S	900.0	04/12/85	336.2	563.8	5135
		04/19/85	329.0	571.0	
		04/26/85	324.0	576.0	
		05/03/85	318.7	581.3	
		05/11/85	312.8	587.2	
		05/17/85	307.8	592.2	
		05/24/85	303.2	596.8	
		05/31/85	298.8	601.2	
		06/07/85	292.6	607.4	
		06/14/85	288.6	611.4	
		06/21/85	283.9	616.1	
03S/04E-29F01 S	863.0	10/02/84	352.5	510.5	5135
		11/01/84	352.9	510.1	
		12/05/84	345.0	518.0	
		01/03/85	335.0	528.0	
		02/01/85	322.2	540.8	
		03/06/85	308.8	554.2	
		04/05/85	286.0	577.0	
		04/12/85	284.2	578.8	
		04/19/85	279.0	584.0	
		04/26/85	274.5	588.5	
		05/03/85	267.0	596.0	
		05/11/85	260.3	602.7	
		05/17/85	254.3	608.7	
		05/24/85	248.0	615.0	
		05/31/85	246.7	616.3	
		06/07/85	241.4	621.6	
		06/14/85	233.7	629.3	
		06/21/85	228.0	635.0	
03S/04E-29R01 S	780.0	10/02/84	375.3	404.7	5135
		11/01/84	373.5	406.5	
		12/05/84	373.9	406.1	
		01/03/85	371.7	408.3	
		02/01/85	366.6	413.4	
		03/06/85	363.7	416.3	
		03/15/85	356.4	423.6	
		03/22/85	355.5	424.5	
		03/29/85	353.0	427.0	
		04/05/85	350.1	429.9	
		04/12/85	347.6	432.4	
		04/19/85	344.2	435.8	
		04/26/85	342.2	437.8	
		05/03/85	337.7	442.3	
		05/11/85	334.5	445.5	
		05/17/85	330.9	449.1	
		05/24/85	326.7	453.3	
		05/31/85	323.3	456.7	
		06/07/85	319.2	460.8	
		06/14/85	314.8	465.2	
		06/21/85	310.4	469.6	
03S/04E-30C01 S	944.0	10/05/84	382.7	561.3	5135
		11/15/84	384.9	559.1	
		12/12/84	376.9	567.1	
03S/04E-34R01 S	610.0	10/16/84	362.3	247.7	5135
		11/26/84	360.7	249.3	
		12/14/84	360.7	249.3	
03S/04E-36M01 S	545.8	10/13/84	322.5	223.3	5135
		11/16/84	319.5	226.3	
		12/14/84	319.7	226.1	
		04/08/85	320.4	225.4	
04S/04E-01B03 S	510.0	11/07/84	291.5	218.5	5135
		01/29/85	289.1	220.9	
		05/24/85	286.8	223.2	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

X COLORADO RIVER HB
X-19 WHITEWATER HU
X-19.0 COACHELLA HA
Y-19.07 INDIO HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
04S/04E-01N02 S	500.0	10/16/84	286.9	213.1	5135
		11/16/84	289.8	210.2	
		12/14/84	289.8	210.2	
04S/04E-11K01 S	492.9	10/09/84	282.4	210.5	5135
		11/26/84	281.4	211.5	
		12/13/84	281.0	211.9	
04S/04E-11Q01 S	470.0	10/19/84	264.3	205.7	5135
		11/13/84	261.2	208.8	
		12/13/84	261.0	209.0	
04S/04E-11R01 S	438.0	10/13/84	271.7	186.3	5135
		11/26/84	258.0	200.0	
		12/13/84	236.2	201.8	
04S/04E-13H01 S	418.0	11/07/84	224.5	193.5	5135
		01/29/85	223.4	192.6	
		05/24/85	226.8	191.2	
04S/04E-13P01 S	141.0	11/07/84	207.2	-66.2	5135
04S/04E-14R01 S	410.0	10/09/84	220.8	189.2	5135
		11/16/84	221.2	188.8	
		12/13/84	219.8	190.2	
04S/04E-15J01 S	453.0	11/02/84	242.6	210.4	5135
		02/01/85	240.8	212.2	
		06/07/85	243.0	210.0	
04S/04E-23E01 S	438.0	10/16/84	234.6	203.4	5135
		11/13/84	239.0	199.0	
		12/12/84	233.9	204.1	
04S/04E-26A01 S	428.0	10/24/84	243.6	184.4	5135
		11/26/84	243.3	184.7	
		12/13/84	241.9	186.1	
04S/04E-35K01 S	528.0	10/05/84	293.1	234.9	5135
		11/08/84	287.5	240.5	
		12/13/84	301.3	226.7	
04S/05E-03P01 S	380.0	11/09/84	215.5	164.5	5135
		01/25/85	213.3	166.7	
		06/07/85	215.1	164.9	
04S/05E-04F01 S	430.0	11/07/84	250.2(4)	179.8	5135
		01/29/85	248.2(4)	181.8	
		06/07/85	249.5(4)	180.5	
04S/05E-05K01 S	446.0	11/07/84	236.6	189.4	5135
		01/24/85	254.4	191.6	
		05/30/85	251.9(4)	194.1	
04S/05E-09R01 S	405.0	11/07/84	235.3(4)	169.7	5135
		01/29/85	226.3(4)	178.7	
		05/30/85	227.1(4)	177.9	
04S/05E-09F01 S	397.0	11/07/84	230.4	166.6	5135
		01/29/85	228.8	168.2	
04S/05E-11E01 S	327.0	11/09/84	184.4	142.6	5135
		01/25/85	180.1	146.9	
		06/07/85	183.0	144.0	
04S/05E-15R01 S	345.0	11/08/84	217.4	127.6	5135
04S/05E-15R02 S	346.0	11/08/84	213.4	132.6	5135
		01/24/85	211.7	134.3	
		05/30/85	211.6	134.4	
04S/05E-19Q01 S	393.0	10/16/84	206.5	186.5	5135
		11/13/84	207.9	185.1	
		12/12/84	206.9	186.1	
04S/05E-21A01 S	357.0	11/08/84	213.8	143.2	5135
		01/24/85	215.5	141.5	
		05/30/85	215.3	141.7	
04S/05E-21J02 S	348.0	11/08/84	206.2	141.8	5135
		01/24/85	205.9	142.1	
		05/30/85	207.7	140.3	
04S/05E-22A01 S	347.0	11/08/84	214.7	132.3	5135
		01/24/85	215.9	131.1	
		05/29/85	216.7	130.3	
04S/05E-26B01 S	340.0	11/08/84	238.1(4)	101.9	5135
		01/03/85	235.4	104.6	
		05/31/85	238.2(4)	101.8	
04S/05E-27E02 S	315.0	11/08/84	186.6	128.4	5135
		01/24/85	186.2	128.8	
		05/31/85	181.3(4)	133.7	
04S/05E-28F02 S	310.0	11/08/84	184.7(4)	125.3	5135
		01/24/85	181.9	128.1	
		05/31/85	182.7	127.3	
04S/05E-29A01 S	332.0	10/05/84	182.2	149.8	5135
		11/07/84	181.9	150.1	
		12/12/84	180.0	152.0	
04S/05E-29F01 S	329.0	11/09/84	178.1	150.9	5135
		01/30/85	175.7	153.3	
		05/30/85	176.2	152.8	
04S/05E-29K01 S	325.0	11/09/84	187.9	137.1	5135
		01/30/85	188.6	136.4	

X COLORADO RIVER HB
X-19 WHITEWATER HU
X-19.0 COACHELLA HA
X-19.07 INDIO HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
04S/05E-29K01 S	325.0	05/30/85	382.8	142.2	5135
04S/05E-30C01 S	365.0	11/09/84	188.4	176.6	5135
		01/30/85	186.6	178.4	
		05/10/85	187.2	177.8	
04S/05E-33B01 S	302.0	10/05/84	172.3	129.7	5135
		11/07/84	172.1	129.9	
		12/10/84	172.3	129.7	
04S/05E-35Q02 S		12/02/84	NM-6		5135
04S/05E-35E01 S	267.0	01/24/85	171.0	96.0	5135
04S/05E-35G03 S	262.0	11/09/84	176.8	85.2	5135
		01/24/85	174.1	87.9	
		05/31/85	174.9(4)	87.1	
04S/05E-35G04 S	262.0	01/30/85	174.4(4)	87.6	5135
		05/31/85	177.2(4)	84.8	
04S/05E-35Q01 S	257.0	11/27/84	169.9	87.1	5135
04S/05E-36Q01 S	320.0	11/27/84	230.3	89.7	5135
		01/30/85	233.2	86.8	
		05/31/85	234.3	85.7	
04S/05E-36M01 S	257.0	11/09/84	171.0	86.0	5135
		01/24/85	170.7	86.3	
		05/31/85	172.2	84.8	
04S/06E-38P01 S	232.0	11/01/84	142.8	89.2	5135
		02/06/85	140.9	91.1	
		05/30/85	143.3	88.7	
04S/06E-18Q02 S	242.0	11/01/84	156.2	85.8	5135
		02/06/85	156.5	85.5	
		05/30/85	157.0	85.0	
04S/06E-18R01 S	240.0	11/01/84	163.9	76.1	5135
		02/06/85	158.6	81.4	
		05/30/85	160.5	79.5	
04S/06E-19J02 S	218.0	11/01/84	131.7	86.3	5135
		02/06/85	130.0	88.0	
		05/30/85	131.4	86.6	
04S/06E-20M01 S	205.0	11/02/84	138.0	67.0	5135
		02/06/85	137.4	67.6	
		05/31/85	140.9	64.1	
04S/06E-27N01 S	165.0	11/02/84	120.2	44.8	5135
		02/06/85	119.4	45.6	
		06/04/85	121.2	43.8	
04S/06E-28A02 S	175.0	11/02/84	126.4	48.6	5135
		02/06/85	118.5	56.5	
		06/04/85	120.3	54.7	
04S/06E-28E03 S	177.0	11/02/84	129.3(2)	47.7	5135
		01/31/85	130.0(2)	47.0	
		05/31/85	122.8(2)	54.2	
04S/06E-28H01 S	167.0	11/16/84	106.3	60.7	5135
		02/06/85	108.3	58.7	
		06/04/85	105.3	61.7	
04S/06E-28J02 S	166.0	11/16/84	113.4	52.6	5135
		01/30/85	113.1	52.9	
		06/04/85	114.5	51.5	
04S/06E-28K04 S	175.0	11/20/84	120.8	54.2	5135
		02/05/85	123.5	51.5	
		06/04/85	123.0	52.0	
04S/06E-29A01 S	179.0	11/02/84	116.7	62.3	5135
		02/05/85	113.7	65.3	
		06/04/85	117.1	61.9	
04S/06E-34D01 S	160.0	11/20/84	117.9	42.1	5135
		02/05/85	114.9	45.1	
		06/04/85	120.2	39.8	
04S/06E-34D02 S	161.5	11/16/84	119.7	41.8	5135
04S/06E-34F01 S	161.0	11/20/84	90.5	70.5	5135
		02/06/85	91.1	69.9	
		06/04/85	96.3	64.7	
04S/06E-34K01 S	158.0	11/20/84	124.6	33.4	5135
		02/06/85	121.8	36.2	
		06/04/85	128.7	29.3	
04S/06E-34K02 S	161.1	11/20/84	129.5	31.6	5135
04S/06E-34L01 S	160.0	11/20/84	125.5	34.5	5135
04S/06E-34Q01 S	168.0	11/20/84	92.7	75.3	5135
		02/08/85	93.6	74.4	
		06/05/85	96.6	71.4	
04S/07E-31Q03 S	69.4	02/07/85	91.6	-22.2	5135
		06/05/85	102.6	-33.2	
04S/07E-32N01 S	73.3	02/09/85	71.0	2.3	5135
		06/05/85	82.5	-9.2	
05S/04E-02G01 S	581.0	12/11/84	263.4	317.6	5135
		02/07/85	258.2	322.8	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

X COLORADO RIVER HB
X-19 WHITEWATER HU
X-19.0 COACHELLA HA
X-19.07 INDIO HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
05S/04E-02G01 S	581.0	06/07/85	259.7	321.3	5135
05S/05E-01C01 S	244.0	11/21/84	169.5	74.5	5135
		02/13/85	171.5	72.5	
		06/04/85	169.8	74.2	
05S/05E-01D02 S	250.8	11/21/84	169.0	81.8	5135
		02/13/85	169.5	81.3	
05S/05E-01L03 S	242.0	11/21/84	176.8(4)	65.2	5135
		02/15/85	172.8	69.2	
		06/04/85	173.2(4)	68.8	
05S/05E-01P01 S	240.0	11/21/84	173.5	66.5	5135
		02/13/85	171.5	68.5	
		06/04/85	174.4	65.6	
05S/05E-02F02 S	252.0	11/21/84	169.5	82.5	5135
		02/13/85	167.0	85.0	
		06/04/85	169.4	82.6	
05S/05E-02L01 S	252.0	11/21/84	170.9	81.1	5135
		02/13/85	172.4	79.6	
		06/04/85	173.7	78.3	
05S/05E-03A01 S	260.0	11/21/84	170.3	89.7	5135
		02/13/85	167.8	92.2	
		06/04/85	169.5	90.5	
05S/05E-11A01 S	234.0	11/21/84	178.5	55.5	5135
		02/13/85	178.8	55.2	
05S/05E-12C01 S	261.0	11/27/84	160.0	101.0	5135
		02/15/85	158.0	103.0	
		06/04/85	160.2	100.8	
05S/05E-12D01 S	239.0	11/21/84	168.9	70.1	5135
		02/14/85	168.4	70.6	
05S/05E-12H02 S	220.0	11/28/84	166.5	53.5	5135
		02/14/85	167.6	52.4	
		06/07/85	169.6	50.4	
05S/05E-12J01 S	220.0	11/28/84	169.0	51.0	5135
		02/14/85	170.0	50.0	
		06/04/85	171.6	48.4	
05S/05E-12L02 S	240.0	11/28/84	175.0	65.0	5135
		02/14/85	172.0	68.0	
		06/13/85	175.7(4)	64.3	
05S/05E-12Q01 S	235.0	11/28/84	170.4	64.6	5135
		02/14/85	169.4	65.6	
		06/13/85	175.4	59.6	
05S/06E-02A02 S	140.0	11/28/84	122.8	17.2	5135
		02/15/85	123.4	16.6	
05S/06E-05Q01 S	245.0	11/29/84	199.5	45.5	5135
		02/14/85	202.2	42.8	
		06/13/85	203.1(4)	41.9	
05S/06E-06Q01 S	220.3	11/28/84	166.7(4)	53.6	5135
		02/14/85	164.4	55.9	
		06/07/85	169.2(4)	51.1	
05S/06E-07C02 S	218.9	11/27/84	162.1	56.8	5135
05S/06E-07J01 S	210.0	11/28/84	157.3	52.7	5135
		02/14/85	157.6	52.4	
		06/04/85	161.1	48.9	
05S/06E-07Q02 S	206.0	11/21/84	157.6	48.4	5135
		02/14/85	154.7	51.3	
		06/04/85	157.5	48.5	
05S/06E-07Q03 S	210.0	11/21/84	159.5	50.5	5135
		02/14/85	157.0	53.0	
		06/04/85	163.9	46.1	
05S/06E-08M03 S	205.0	11/29/84	157.7	47.3	5135
		02/14/85	155.2	49.8	
		06/13/85	160.4	44.6	
05S/06E-08N02 S	210.0	11/29/84	153.9(4)	56.1	5135
		02/14/85	153.6(4)	56.4	
		06/13/85	157.2(4)	52.8	
05S/06E-12G01 S	122.0	11/27/84	114.1	7.9	5135
		03/08/85	112.8	9.2	
		06/19/85	116.0	6.0	
05S/06E-13Q01 S	178.0	11/27/84	168.2	9.8	5135
		03/08/85	165.3	12.7	
		06/10/85	171.5	6.5	
05S/06E-14G01 S	210.0	10/25/84	203.6(4)	6.4	5135
		11/27/84	204.0(4)	6.0	
		03/08/85	195.3(4)	14.7	
		06/10/85	202.0	8.0	
05S/06E-14Q01 S	165.0	10/25/84	149.7	15.3	5135
		11/27/84	149.5	15.5	
		03/07/85	145.7	19.3	
		06/14/85	150.6	14.4	
05S/06E-16A01 S	151.0	11/27/84	155.4	25.6	5135
		03/08/85	150.1	30.9	
		06/13/85	154.1(4)	26.9	

X COLORADO RIVER HB
X-19 WHITEWATER HU
X-19.0 COACHELLA HA
X-19.07 INDIO HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
05S/06E-16A02 S	190.0	11/27/84	149.3(4)	40.7	5135
		03/08/85	149.0(4)	41.0	
		06/10/85	154.5	35.5	
		06/13/85	155.2(4)	34.8	
05S/06E-16H01 S	160.0	11/29/84	131.3	28.7	5135
		03/08/85	127.3	32.7	
		06/13/85	130.9	29.1	
05S/06E-16M01 S	179.0	11/29/84	142.3	36.7	5135
		03/08/85	141.7	37.3	
05S/06E-17G02 S	195.0	11/29/84	154.0	41.0	5135
		03/08/85	146.3	48.7	
		06/13/85	152.3	42.7	
05S/06E-18L02 S	198.0	11/29/84	163.2	34.8	5135
		03/05/85	160.9	37.1	
		06/13/85	175.6	22.4	
05S/06E-18R01 S	193.0	11/30/84	157.6(4)	35.4	5135
		03/08/85	156.0	37.0	
		06/13/85	159.8(4)	33.2	
05S/06E-18R02 S	193.0	11/30/84	165.9(4)	27.1	5135
		03/08/85	156.9(4)	36.1	
		06/13/85	161.2(4)	31.8	
05S/06E-20P01 S	267.0	11/29/84	229.0	38.0	5135
		03/28/85	234.2	32.8	
		06/21/85	231.3	35.7	
05S/06E-21L01 S	240.0	12/19/84	233.5	6.5	5135
		03/08/85	233.1	6.9	
05S/06E-21N02 S	248.0	11/30/84	219.5(4)	28.5	5135
		03/07/85	211.0(4)	37.0	
		06/20/85	209.0	39.0	
05S/06E-21P01 S	260.0	11/29/84	226.6	33.4	5135
		02/28/85	227.8	32.2	
		06/18/85	233.3	26.7	
05S/06E-21Q03 S	240.0	11/30/84	203.8(4)	36.2	5135
		02/28/85	206.0	34.0	
		06/20/85	198.0	42.0	
05S/06E-22B01 S	160.0	11/29/84	134.5	25.5	5135
		03/07/85	131.8	28.2	
		06/14/85	135.6	24.4	
05S/06E-22B02 S	160.0	11/30/84	148.0	12.0	5135
		03/07/85	143.9	16.1	
		06/12/85	128.4	31.6	
		06/14/85	131.4	28.6	
05S/06E-23L03 S	144.0	10/25/84	119.4	24.6	5135
		03/07/85	116.8	27.2	
		06/14/85	121.5(4)	22.5	
05S/06E-24G01 S	108.0	10/25/84	123.4(4)	-15.4	5135
		03/07/85	115.5	-7.5	
		06/14/85	120.0	-12.0	
05S/06E-24M01 S	122.0	10/25/84	127.4(4)	-5.4	5135
		03/07/85	117.0	5.0	
		06/14/85	130.7(4)	-8.7	
05S/06E-25A01 S	85.0	10/25/84	87.0	-2.0	5135
		03/07/85	85.0	.0	
		06/18/85	96.6	-11.6	
05S/06E-27C01 S	204.0	11/28/84	165.0	39.0	5135
		03/07/85	156.1	47.9	
05S/06E-27C02 S	211.0	11/28/84	178.0	33.0	5135
		03/07/85	169.8	41.2	
		06/14/85	175.7	35.3	
		06/18/85	182.0(4)	29.0	
05S/06E-28C01 S	262.0	11/28/84	221.8	40.2	5135
		02/27/85	217.9	44.1	
		06/14/85	222.5	39.5	
05S/06E-28C02 S	262.0	11/28/84	221.8	40.2	5135
		02/27/85	220.1	41.9	
		06/14/85	224.1	37.9	
05S/06E-29B01 S	310.0	11/28/84	275.4	34.6	5135
		03/07/85	265.5	44.5	
		06/21/85	279.9	30.1	
05S/06E-29C01 S	337.0	11/28/84	293.0	44.0	5135
		02/28/85	297.0	40.0	
05S/06E-29C02 S	340.0	11/28/84	300.0	40.0	5135
		02/28/85	299.2	40.8	
05S/06E-29M01 S	405.0	11/29/84	367.8	37.2	5135
		02/27/85	360.0	45.0	
		06/18/85	368.0	37.0	
05S/06E-29P01 S	454.7	11/28/84	403.8	50.9	5135
		02/27/85	409.8	44.9	
05S/06E-32G01 S	455.0	11/29/84	363.1	91.9	5135
		02/27/85	365.5	89.5	
05S/07E-04M01 S	50.0	12/06/54	62.3	-12.3	5135

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

X COLORADO RIVER HB
X-19 WHITEWATER HU
X-19.0 COACHELLA HA
X-19.07 INDIO HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
05S/07E-04M01 S	50.0	03/15/85	59.3	-9.3	5135
05S/07E-04Q01 S	40.0	03/22/85	61.2	-21.2	5135
05S/07E-05K01 S	60.0	12/06/84	65.3	-5.3	5135
		03/21/85	68.6	-8.6	
05S/07E-06B01 S	92.9	12/06/84	83.7	9.2	5135
		03/21/85	79.5	13.4	
05S/07E-06M01 S	83.0	12/11/84	82.6	.4	5135
		03/21/85	82.9	.1	
05S/07E-06N01 S	102.0	12/05/84	102.5	-.5	5135
		03/19/85	97.3	4.7	
05S/07E-07F01 S	103.0	10/14/84	105.0(4)	-2.0	5135
		12/05/84	96.3(4)	6.7	
		03/19/85	97.7(4)	5.3	
05S/07E-07P01 S	97.0	12/05/84	107.8	-10.8	5135
		03/19/85	107.9	-10.9	
05S/07E-08G01 S	90.0	10/25/84	90.8	-.8	5135
		12/05/84	90.6	-.6	
		03/21/85	91.0	-1.0	
05S/07E-08Q01 S	50.0	12/05/84	68.2	-18.2	5135
		03/19/85	69.0	-19.0	
05S/07E-09F01 S	44.0	12/11/84	47.4	-3.4	5135
		03/20/85	52.9	-8.9	
05S/07E-10E01 S	28.0	12/06/84	47.4	-19.4	5135
		03/21/85	44.8	-16.8	
05S/07E-11C01 S	29.0	03/21/85	47.0	-18.0	5135
05S/07E-12P01 S	3.0	03/27/85	36.8	-33.8	5135
05S/07E-13Q01 S	11.0	03/21/85	20.6	-9.6	5135
		05/22/85	21.8	-10.8	
05S/07E-14J02 S	-12.0	03/27/85	14.6	-26.6	5135
		05/22/85	17.3	-29.3	
05S/07E-14K01 S	5.0	03/27/85	26.0	-21.0	5135
		05/22/85	29.0	-24.0	
05S/07E-15Q01 S	5.5	03/27/85	31.5	-26.0	5135
		05/22/85	33.6	-28.1	
05S/07E-16C01 S	30.0	12/04/84	52.4	-22.4	5135
		03/19/85	55.3	-25.3	
05S/07E-16K02 S	33.0	12/04/84	47.0	-14.0	5135
		03/19/85	48.2	-15.2	
05S/07E-18Q01 S	125.0	12/05/84	135.8	-10.8	5135
		03/19/85	132.0	-7.0	
05S/07E-18M02 S	120.0	12/05/84	139.6	-19.6	5135
		03/19/85	131.9	-11.9	
05S/07E-21F02 S	40.0	12/04/84	55.2	-15.2	5135
		03/19/85	55.5	-15.5	
05S/07E-22H02 S	5.0	03/27/85	57.0	-52.0	5135
05S/07E-27B01 S	16.5	03/27/85	47.5	-31.0	5135
05S/07E-27L01 S	20.0	03/27/85	67.5	-47.5	5135
05S/07E-28E01 S	43.0	12/04/84	69.8	-26.8	5135
		03/20/85	71.3	-28.3	
05S/07E-30C02 S	75.0	12/04/84	94.4	-19.4	5135
		03/20/85	94.3	-19.3	
05S/07E-30F01 S	76.0	12/04/84	89.2	-13.2	5135
		03/20/85	88.5	-12.5	
05S/07E-30F02 S	76.0	12/04/84	89.0	-13.0	5135
		03/20/85	89.3	-13.3	
05S/07E-30J01 S	65.0	12/04/84	97.5	-32.5	5135
		03/20/85	96.3	-31.3	
05S/07E-33Q02 S	43.0	10/25/84	77.9	-34.9	5135
		03/22/85	77.6	-34.6	
05S/07E-33F02 S	40.5	10/25/84	75.6	-35.1	5135
		03/22/85	74.2	-33.7	
05S/07E-33M01 S	40.0	10/25/84	77.9	-37.9	5135
		03/22/85	78.1	-38.1	
05S/07E-36Q01 S	-21.0	10/26/84	25.5	-46.5	5135
		03/22/85	24.9	-45.9	
05S/07E-36G01 S	-32.0	03/22/85	14.2	-46.2	5135
05S/07E-36Q01 S	-34.0	04/24/85	17.7	-51.7	5135
05S/08E-17N01 S	30.0	03/27/85	74.2	-44.2	5135
05S/08E-19M02 S	.0	03/27/85	74.2	-74.2	5135
		05/22/85	72.5	-72.5	

X COLORADO RIVER HB
X-19 WHITEWATER HU
X-19.0 COACHELLA HA
X-19.07 INDIO HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
05S/08E-20C02 S	20.0	03/27/85	77.4	-57.4	5135
		05/22/85	80.8	-60.8	
05S/08E-20M01 S	.0	03/27/85	68.1	-68.1	5135
		05/22/85	68.6	-68.6	
05S/08E-28M01 S	25.0	03/27/85	58.6	-33.6	5135
		05/22/85	61.3	-36.3	
05S/08E-28M02 S	40.0	03/27/85	21.2	18.8	5135
		05/22/85	27.0	13.0	
05S/08E-29G01 S	28.0	03/27/85	28.9	-.9	5135
		05/22/85	29.7	-1.7	
05S/08E-29R01 S	50.0	03/27/85	27.4	22.6	5135
		05/22/85	30.8	19.2	
05S/08E-31J01 S	-52.0	03/22/85	9.3	-61.3	5135
05S/08E-34G01 S	25.0	03/28/85	154.0	-129.0	5135
06S/06E-01G01 S	50.0	12/06/84	87.0	-37.0	5135
		04/18/85	84.8	-34.8	
06S/06E-01Q01 S	55.0	10/01/84	96.2	-41.2	5135
		03/28/85	95.6	-40.6	
06S/06E-12G01 S	90.0	10/01/84	134.9	-44.9	5135
		03/28/85	132.2	-42.2	
06S/07E-01H01 S	-45.5	04/10/85	33.4	-78.9	5135
06S/07E-01P01 S	-50.0	04/10/85	8.0	-58.0	5135
06S/07E-02G01 S	-11.2	03/28/85	27.6	-38.8	5135
06S/07E-04Q02 S	32.0	03/28/85	73.9	-41.9	5135
06S/07E-05B01 S	45.0	03/28/85	82.6	-37.6	5135
06S/07E-07B01 S	50.0	10/02/84	85.0	-35.0	5135
		03/28/85	85.4	-35.4	
06S/07E-08D02 S	31.0	03/28/85	61.6	-30.6	5135
06S/07E-09L02 S	9.5	04/10/85	42.1	-32.6	5135
06S/07E-10G01 S	-15.0	04/10/85	20.6	-35.6	5135
06S/07E-12E01 S	-45.0	04/10/85	9.4	-54.4	5135
06S/07E-13M02 S	-56.0	04/10/85	8.3	-64.3	5135
06S/07E-13M04 S	62.0	04/10/85	25.4	36.6	5135
06S/07E-17R01 S	-5.0	04/03/85	53.7	-58.7	5135
06S/07E-22B01 S	-42.0	01/08/85	21.3	-63.3	5135
		04/03/85	21.8	-63.8	
06S/07E-23Q03 S	-52.0	04/03/85	24.0	-76.0	5135
06S/07E-23F01 S	-55.0	04/03/85	22.4	-77.4	5135
06S/08E-02Q01 S	9.0	10/02/84	112.2	-103.2	5135
		04/10/85	111.4(4)	-102.4	
06S/08E-02F01 S	11.0	12/02/84	124.8(4)	-113.8	5135
		04/10/85	124.5(4)	-113.5	
06S/08E-03C01 S		10/02/84	NM-2		5135
	-69.5	12/12/84	8.8	-78.3	
		01/09/85	8.7	-78.2	
		04/03/85	9.3	-78.8	
06S/08E-05P01 S	-75.0	12/13/84	7.7	-82.7	5135
		01/10/85	7.8	-82.8	
06S/08E-05R01 S	-80.5	10/03/84	12.5	-93.0	5135
		12/12/84	7.0	-87.5	
		01/08/85	4.4	-84.9	
		04/10/85	10.7	-91.2	
06S/08E-05R02 S	-82.2	12/13/84	5.4	-87.6	5135
		01/08/55	3.9	-86.1	
		04/10/85	8.6	-90.8	
06S/08E-06G03 S	-62.5	10/03/84	16.5	-79.0	5135
		04/03/85	9.1	-71.6	
06S/08E-09K02 S		01/09/85	FLOW		5135
	-98.0	04/03/85	7.0	-105.0	
06S/08E-09Q04 S	-102.0	10/03/84	4.6	-106.6	5135
06S/08E-10F01 S	-99.0	10/02/84	6.5	-105.5	5135
		01/09/85	FLOW		
		04/03/85	4.0	-103.0	
06S/08E-17R01 S		10/03/84	NM-2		5135
		10/04/84	FLOW		
		04/03/85	FLOW		
06S/08E-19Q01 S		10/03/84	NM-7		5135
		04/03/85	FLOW		
06S/08E-19Q02 S	-87.0	10/03/84	12.1	-99.1	5135
		04/03/85	9.9	-96.9	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

X COLORADO RIVER HB
X-19 WHITEWATER HU
X-19.0 COACHELLA HA
X-19.07 INDIO HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
06S/08E-19R01 S		01/28/85	FLOW		5135
06S/08E-22D02 S	-120.0	10/03/84	2.3	-122.3	5135
		04/03/85	FLOW		
06S/08E-22K01 S		04/10/85	FLOW		5135
06S/08E-23P01 S	-140.0	10/04/84	23.9	-163.9	5135
06S/08E-27C01 S		04/16/85	FLOW		5135
06S/08E-27N01 S		04/16/85	FLOW		5135
06S/08E-32R01 S		04/16/85	FLOW		5135
06S/08E-34C01 S		04/16/85	FLOW		5135
06S/08E-35J01 S		04/10/85	FLOW		5135
06S/08E-36M01 S		04/10/85	FLOW		5135
06S/09E-19L01 S	-38.0	10/05/84	132.8	-170.8	5135
		04/10/85	136.2	-174.2	
06S/09E-30A01 S	-51.0	10/05/84	60.2	-111.2	5135
		04/10/85	67.0	-118.0	
06S/09E-32A01 S	20.0	10/05/84	193.0	-173.0	5135
		04/04/85	191.5	-171.5	
06S/09E-32Q01 S	-100.0	10/05/84	77.7	-177.7	5135
		04/04/85	74.5(4)	-174.5	
06S/09E-33K01 S	25.0	10/05/84	198.6	-173.6	5135
		04/04/85	198.3(4)	-173.3	
07S/07E-01C01 S		01/08/85	FLOW		5135
07S/07E-02H01 S		12/13/84	NM-4		5135
		04/10/85	NM-4		
07S/07E-03A01 S	-72.0	10/05/84	23.9	-95.9	5135
		01/08/85	19.4	-91.4	
		04/10/85	25.0	-97.0	
07S/08E-03A01 S		04/18/85	FLOW		5135
07S/08E-08N01 S	-92.0	10/11/84	39.3	-131.3	5135
		04/18/85	38.3	-130.3	
07S/08E-09N01 S		04/18/85	FLOW		5135
07S/08E-17A01 S		10/11/84	NM-2		5135
	-115.0	12/21/84	12.7	-127.7	
		04/18/85	12.6	-127.6	
07S/08E-17F01 S	-79.0	10/11/84	50.9	-129.9	5135
		04/18/85	49.8	-128.8	
07S/08E-17G01 S	-78.0	10/11/84	50.8	-128.8	5135
		04/18/85	49.7	-127.7	
07S/08E-18C01 S	-73.0	10/11/84	52.4	-125.4	5135
		04/18/85	52.4	-125.4	
07S/08E-20B01 S	-20.0	10/11/84	111.8	-131.8	5135
		04/18/85	109.9	-129.9	
07S/08E-20H01 S	-22.0	10/11/84	108.2	-130.2	5135
		04/18/85	108.2	-130.2	
07S/08E-22K01 S	-124.0	10/11/84	20.6	-144.6	5135
		04/18/85	22.2	-146.2	
07S/08E-23D02 S		12/20/84	FLOW		5135
07S/08E-28G01 S	-16.5	10/12/84	123.6	-140.1	5135
		04/18/85	120.0	-136.5	
07S/08E-29G01 S	93.0	10/12/84	215.1(4)	-122.1	5135
		04/18/85	219.4	-126.4	
07S/08E-33B01 S	21.8	10/12/84	171.8	-150.0	5135
		04/24/85	167.8	-146.0	
07S/08E-33E01 S	75.0	10/12/84	218.9	-143.9	5135
		04/24/85	215.9	-140.9	
07S/08E-34G01 S	-92.3	10/19/84	51.5	-143.8	5135
		04/24/85	56.4	-148.7	
07S/08E-34K01 S	-84.7	10/19/84	66.6	-151.3	5135
		04/24/85	65.4	-150.1	
07S/08E-35K01 S		04/24/85	FLOW		5135
07S/09E-03D01 S	31.0	10/05/84	209.1	-178.1	5135
		04/04/85	208.9	-177.9	
07S/09E-04C01 S	-42.0	10/05/84	141.0(4)	-183.0	5135
		04/04/85	131.0(4)	-173.0	
07S/09E-04K01 S	-45.0	10/18/84	113.5	-158.5	5135
		04/18/85	113.5	-158.5	
07S/09E-05M01 S	-152.5	10/05/84	32.8(4)	-185.3	5135
		04/25/85	29.6	-182.1	
07S/09E-07H02 S		04/25/85	FLOW		5135

X COLORADO RIVER HB
X-19 WHITEWATER HU
X-19.0 COACHELLA HA
X-19.07 INDIO HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
07S/09E-08R01 S	-180.0	10/18/84	22.2(4)	-202.2	5135
		04/04/85	10.0(4)	-190.0	
07S/09E-13H01 S	-101.0	10/18/84	45.0	-146.0	5135
		04/25/85	47.1	-148.1	
07S/09E-16M02 S	-186.0	10/18/84	22.2	-208.2	5135
		04/25/85	10.2	-196.2	
07S/09E-17K01 S		04/04/85	FLOW		5135
07S/09E-22G02 S	-173.0	10/18/84	35.2	-208.2	5135
		04/25/85	25.8	-198.8	
07S/09E-23N01 S	-187.7	10/18/84	22.7	-210.4	5135
		04/04/85	11.8	-199.5	
07S/09E-26G02 S		04/25/85	FLOW		5135
07S/09E-30M01 S		04/25/85	FLOW		5135
07S/10E-27A01 S	34.0	10/18/84	51.5	-17.5	5135
08S/08E-03B01 S	-95.1	10/19/84	57.3	-152.4	5135
		04/02/85	56.3	-151.4	
08S/08E-03L01 S	-59.5	10/12/84	92.8	-152.3	5135
		04/02/85	93.1	-152.6	
08S/08E-11A04 S	-157.0	04/24/85	14.3	-171.3	5135
08S/08E-11H01 S	-166.0	10/19/84	4.0	-170.0	5135
		04/24/85	5.0	-171.0	
08S/08E-24A02 S		10/19/84	NM-4		5135
	-154.0	11/26/84	28.0	-182.0	
		04/02/85	29.5	-183.5	
08S/08E-24J01 S	-148.1	10/19/84	40.0	-188.1	5135
08S/08E-24L01 S	-110.8	10/19/84	73.1	-183.9	5135
		04/02/85	72.0	-182.8	
08S/09E-30A01 S	-152.3	10/26/84	37.9	-190.2	5135
		04/02/85	39.1	-191.4	
08S/09E-31Q01 S	-6.0	10/05/84	220.5	-226.5	5135
08S/09E-31R01 S	-17.8	10/05/84	173.6	-191.4	5135
		04/02/85	172.7	-190.5	
08S/09E-31R02 S	-18.5	10/05/84	180.8	-199.3	5135
		04/02/85	176.0	-194.5	
08S/09E-33N01 S	-133.6	10/05/84	58.1	-191.7	5135
		04/02/85	NM-6		

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

Y — SANTA ANA HB
Y-01 — SANTA ANA RIVER HU
Y-01.A — LOWER SANTA ANA RIVER HA
Y-01.A1 — EAST COASTAL PLAIN HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
03S/09W-04G01 S	256.0	10/01/84	68.3(1)	187.7	4742
		11/01/84	77.8(1)	178.2	
		12/02/84	68.8	187.2	
		01/02/85	69.8(1)	186.2	
		02/01/85	22.1	233.9	
		03/01/85	23.3	232.7	
		04/01/85	67.6(1)	188.4	
		05/01/85	70.5(1)	185.5	
		06/03/85	71.1(1)	184.9	
		07/01/85	71.8(1)	184.2	
		08/01/85	72.0(1)	184.0	
		09/03/85	73.9(1)	182.1	
04S/09W-07P01 S	203.0	11/01/84	126.0	77.0	3916
		01/08/85	127.0	76.0	
		05/16/85	96.0	107.0	
		06/25/85	139.0	64.0	
04S/09W-17Q01 S	231.0	10/02/84	160.4	70.6	5102
		02/04/85	NM-7		
		02/13/85	159.1	71.9	4417
		02/19/85	180.5	50.5	5102
		05/09/85	156.4	74.6	4417
		06/18/85	159.5	71.5	5102
		08/22/85	163.3	67.7	4417
		09/10/85	165.2	65.8	5102
04S/09W-27Q01 S	300.0	11/01/84	256.0	44.0	3916
		01/09/85	256.0	44.0	
		03/08/85	254.0	46.0	
		05/16/85	256.0	44.0	
04S/09W-28R01 S	262.1	10/30/84	231.2(2)	30.9	4417
		02/13/85	217.8	44.3	
		05/09/85	224.1	38.0	
		08/22/85	240.9(2)	21.2	
04S/09W-33M01 S	226.0	10/09/84	207.9	18.1	4417
		10/31/84	210.3	15.7	
		02/13/85	197.5	28.5	
		04/15/85	204.4	21.6	
		05/09/85	206.6	19.4	
		08/17/85	219.8	6.2	
04S/10W-11Q02 S	176.0	10/01/84	112.0	64.0	4210
		11/01/84	117.0	59.0	
		12/01/84	109.0	67.0	
		01/02/85	111.0	65.0	
		02/01/85	102.0	74.0	
		03/01/85	101.0	75.0	
		04/01/85	102.0	74.0	
		05/01/85	104.0	72.0	
		06/01/85	110.0	66.0	
		07/01/85	114.0	62.0	
		08/01/85	116.0	60.0	
		09/01/85	118.0	58.0	
04S/10W-14Q02 S	164.1	10/01/84	119.0	45.1	4210
		11/01/84	124.0	40.1	
		12/01/84	123.0	41.1	
		01/02/85	126.0	38.1	
		02/01/85	104.0	60.1	
		03/01/85	102.0	62.1	
		04/01/85	103.0	61.1	
		05/01/85	107.0	57.1	
		06/01/85	114.0	50.1	
		07/01/85	117.0	47.1	
		08/01/85	120.0	44.1	
		09/01/85	118.0	46.1	
04S/10W-14H02 S	176.0	10/01/84	116.0	60.0	4210
		11/01/84	115.0	61.0	
		12/01/84	110.0	66.0	
		01/02/85	105.0	71.0	
		02/01/85	105.0	71.0	
		03/01/85	104.0	72.0	
		04/01/85	107.0	69.0	
		05/01/85	105.0	71.0	
		06/01/85	112.0	64.0	
		07/01/85	113.0	63.0	
		08/01/85	116.0	60.0	
		09/01/85	118.0	58.0	
04S/10W-14M01 S	147.0	10/01/84	98.0	49.0	4210
		11/01/84	94.0	53.0	
		12/01/84	92.0	55.0	
		01/02/85	94.0	53.0	
		02/01/85	83.0	64.0	
		03/01/85	84.0	63.0	
		04/01/85	84.0	63.0	
		05/01/85	NM-7		
		06/01/85	92.0	55.0	
		07/01/85	94.0	53.0	
		08/01/85	97.0	50.0	
		09/01/85	99.0	48.0	
04S/10W-15B05 S	157.0	10/01/84	119.0	38.0	4210
		11/01/84	120.0	37.0	
		12/01/84	116.0	41.0	
		01/02/85	118.0	39.0	
		02/01/85	112.0	45.0	
		03/01/85	111.0	46.0	
		04/01/85	113.0	44.0	
		05/01/85	108.0	49.0	
		06/01/85	114.0	43.0	
		07/01/85	115.0	42.0	
		08/01/85	120.0	37.0	
		09/01/85	123.0	34.0	

Y — SANTA ANA HB
Y-01 — SANTA ANA RIVER HU
Y-01.A — LOWER SANTA ANA RIVER HA
Y-01.A1 — EAST COASTAL PLAIN HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
04S/10W-17H01 S	123.0	10/01/84	136.0	-13.0	4210
		11/01/84	139.0	-16.0	
		12/01/84	129.0	-6.0	
		01/02/85	128.0	-5.0	
		02/01/85	116.0	7.0	
		03/01/85	111.0	12.0	
		04/01/85	112.0	11.0	
		05/01/85	110.0	13.0	
		06/01/85	130.0	-7.0	
		07/01/85	135.0	-12.0	
		08/01/85	141.0	-18.0	
		09/01/85	143.0	-20.0	
04S/10W-17J02 S	118.0	10/01/84	124.0	-6.0	4210
		11/01/84	132.0	-14.0	
		12/01/84	134.0	-16.0	
		01/02/85	128.0	-10.0	
		02/01/85	117.0	1.0	
		03/01/85	112.0	6.0	
		04/01/85	114.0	4.0	
		05/01/85	127.0	-9.0	
		06/01/85	134.0	-16.0	
		07/01/85	136.0	-18.0	
		08/01/85	131.0	-13.0	
		09/01/85	128.0	-10.0	
04S/10W-17L02 S	113.0	10/01/84	106.0	7.0	4210
		11/01/84	108.0	5.0	
		12/01/84	114.0	-1.0	
		01/02/85	89.0	24.0	
		02/01/85	80.0	33.0	
		03/01/85	79.0	34.0	
		04/01/85	82.0	31.0	
		05/01/85	88.0	25.0	
		06/01/85	92.0	21.0	
		07/01/85	95.0	18.0	
		08/01/85	137.0	-24.0	
		09/01/85	140.0	-27.0	
04S/10W-18K01 S	100.0	10/01/84	117.0	-17.0	4210
		11/01/84	118.0	-18.0	
		12/01/84	106.0	-6.0	
		01/02/85	104.0	-4.0	
		02/01/85	94.0	6.0	
		03/01/85	90.0	10.0	
		04/01/85	91.0	9.0	
		05/01/85	100.0	.0	
		06/01/85	108.0	-8.0	
		07/01/85	109.0	-9.0	
		08/01/85	121.0	-21.0	
		09/01/85	123.0	-23.0	
04S/10W-19R03 S	92.0	10/01/84	90.0	2.0	4210
		11/01/84	89.0	3.0	
		12/01/84	89.0	3.0	
		01/02/85	78.0	14.0	
		02/01/85	75.0	17.0	
		03/01/85	76.0	16.0	
		04/01/85	77.0	15.0	
		05/01/55	75.0	17.0	
		06/01/85	83.0	9.0	
		07/01/85	88.0	4.0	
		08/01/85	95.0	-3.0	
		09/01/85	99.0	-7.0	
04S/10W-20N01 S	98.0	10/01/84	71.0	27.0	4210
		11/01/84	71.0	27.0	
		12/01/84	71.0	27.0	
		01/02/85	69.0	29.0	
		02/01/85	69.0	29.0	
		03/01/85	71.0	27.0	
		04/01/85	71.0	27.0	
		05/01/85	70.0	28.0	
		06/01/85	70.0	28.0	
		07/01/85	70.0	28.0	
		08/01/85	73.0	25.0	
		09/01/85	75.0	23.0	
04S/10W-21F01 S	118.0	11/14/84	68.2	49.8	4417
		02/14/85	68.1	49.9	
		05/09/85	67.2	50.8	
		08/17/85	69.2	48.8	
04S/10W-21L01 S	123.6	10/01/84	138.0	-14.4	4210
		11/01/84	142.0	-18.4	
		12/01/84	141.0	-17.4	
		01/02/85	142.0	-18.4	
		02/01/85	118.0	5.6	
		03/01/85	115.0	8.6	
		04/01/85	117.0	6.6	
		05/01/85	128.0	-4.4	
		06/01/85	131.0	-7.4	
		07/01/85	145.0	-21.4	
		08/01/85	149.0	-25.4	
		09/01/85	152.0	-28.4	
04S/10W-23R02 S	165.0	10/01/84	92.0	73.0	4210
		11/01/84	104.0	61.0	
		12/01/84	103.0	62.0	
		01/02/85	104.0	61.0	
		02/01/85	96.0	69.0	
		03/01/85	94.0	71.0	
		04/01/85	109.0	56.0	
		05/01/85	96.0	69.0	
		06/01/85	104.0	61.0	
		07/01/85	106.0	59.0	
		08/01/85	131.0	34.0	
		09/01/85	128.0	37.0	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y	SANTA ANA HB				
Y-01	SANTA ANA RIVER HU				
Y-01.A	LOWER SANTA ANA RIVER HA				
Y-01.A1	EAST COASTAL PLAIN HSA				
04S/10W-25F01 S	152.0	10/01/84	120.0	32.0	4210
		11/01/84	124.0	28.0	
		12/01/84	112.0	40.0	
		01/02/85	111.0	41.0	
		02/01/85	116.0	36.0	
		03/01/85	116.0	36.0	
		04/01/85	117.0	35.0	
		05/01/85	114.0	38.0	
		06/01/85	108.0	44.0	
		07/01/85	113.0	39.0	
		08/01/85	116.0	36.0	
		09/01/85	114.0	38.0	
04S/10W-27C02 S	129.0	10/02/84	70.5	58.5	5102
		11/13/84	71.6	57.4	
		11/14/84	71.6	57.4	4417
		02/04/85	72.1	56.9	5102
		02/14/85	71.9	57.1	4417
		05/09/85	70.3	58.7	
		07/16/85	71.4	57.6	5102
		08/17/85	72.2	56.8	4417
		09/24/85	73.1	55.9	5102
04S/10W-31B02 S	80.0	11/01/84	42.2	37.8	4417
		02/14/85	39.8	40.2	
		05/09/85	39.8	40.2	
		08/17/85	43.2	36.8	
04S/10W-34D03 S	95.9	11/14/84	56.4	39.5	4417
		08/17/85	14.3	81.6	
04S/11W-24A01 S	82.5	10/01/84	82.0	.5	4210
		11/01/84	84.0	-1.5	
		12/01/84	76.0	6.5	
		01/02/85	76.0	6.5	
		02/01/85	63.0	19.5	
		03/01/85	57.0	25.5	
		04/01/85	60.0	22.5	
		05/01/85	69.0	13.5	
		06/01/85	73.0	9.5	
		07/01/85	81.0	1.5	
		08/01/85	88.0	-5.5	
		09/01/85	91.0	-8.5	
04S/11W-26B01 S	59.8	10/02/84	28.0	31.8	5102
		02/04/85	22.3	37.5	
		06/18/85	24.0	35.8	
		09/24/85	25.4	34.4	
04S/11W-35B01 S	55.4	11/01/84	30.5	24.9	4417
		02/14/85	22.9	32.5	
		05/07/85	24.6	30.8	
		08/17/85	30.0	25.4	
05S/08W-29P01 S	266.5	10/26/84	108.3	158.2	4417
		03/01/85	107.1	159.4	
		05/06/85	NM-6		
05S/08W-31K01 S	219.7	10/26/84	121.8	97.9	4417
		02/11/85	95.6	124.1	
		05/06/85	111.2	108.5	
		08/06/85	122.1	97.6	
05S/08W-32L01 S	274.4	10/26/84	140.5	133.9	4417
		02/11/85	134.3	140.1	
		05/06/85	136.9	137.5	
		08/06/85	139.6	134.8	
05S/09W-10G01 S		10/23/84	NM-9		5102
		01/23/85	NM-9		
	180.4	06/20/85	144.3	36.1	
		09/12/85	147.8	32.6	
05S/09W-14D02 S	123.0	10/26/84	125.0	-2.0	4417
		02/12/85	66.9	56.1	
		05/06/85	123.7	-.7	
		08/16/85	125.5	-2.5	
05S/09W-15J01 S	107.3	10/01/84	138.1(1)	-30.8	4709
		11/01/84	100.1	7.2	
		12/03/84	88.1	19.2	
		01/02/85	74.1	33.2	
		02/01/85	83.1	24.2	
		02/12/85	75.7(4)	31.6	4417
		03/01/85	85.1	22.2	4709
		04/01/85	89.1	18.2	
		05/01/85	146.1(1)	-38.8	
		06/03/85	155.1(1)	-47.8	
		07/01/85	100.1	7.2	
		08/01/85	102.1	5.2	
		09/03/85	105.1	2.2	
05S/09W-15R03 S	96.7	10/26/84	17.2	79.5	4417
		02/12/85	18.2	78.5	
		05/06/85	16.9	79.8	
		08/16/85	19.4	77.3	
05S/09W-21B01 S	94.0	02/13/85	77.7	16.3	4417
05S/09W-21P02 S	74.5	10/30/84	14.1	60.4	4417
		02/13/85	13.5	61.0	
		05/06/85	14.5	60.0	
		08/16/85	15.1	59.4	
05S/09W-22A02 S	86.8	10/01/84	87.0	-.2	4709
		10/26/84	NM-0		4417
		11/01/84	80.0	6.8	4709
		11/06/84	84.6	2.2	4417
		12/03/84	73.0	13.8	4709

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y	SANTA ANA HB				
Y-01	SANTA ANA RIVER HU				
Y-01.A	LOWER SANTA ANA RIVER HA				
Y-01.A1	EAST COASTAL PLAIN HSA				
05S/09W-22A02 S	86.8	01/02/85	55.0	31.8	4709
		02/01/85	50.0	36.8	
		03/01/85	57.0	29.8	
		04/31/85	64.0	22.8	
		05/01/95	166.0(1)	-79.2	
		06/03/85	89.0	-2.2	
		07/01/85	88.0	-1.2	
		08/01/85	85.0	1.8	
		09/03/85	87.0	-.2	
05S/09W-23A01 S	118.7	10/01/84	249.0(1)	-130.3	4709
		11/01/84	242.0(1)	-123.3	
		12/03/84	103.0	15.7	
		01/02/85	69.0	49.7	
		02/01/85	79.0	39.7	
		03/01/85	215.0(1)	-96.3	
		04/01/85	221.0(1)	-102.3	
		05/01/85	224.0(1)	-105.3	
		06/03/85	226.0(1)	-107.3	
		07/01/85	227.0(1)	-108.3	
		08/01/85	95.0	23.7	
		09/03/85	108.0	10.7	
05S/09W-23N01 S	77.0	10/26/84	62.2	14.8	4417
		02/13/95	21.9	55.1	
		05/39/85	51.6	25.4	
05S/09W-28D01 S	60.0	10/30/84	57.3	2.7	4417
		02/13/85	47.0	13.0	
		05/06/95	54.5	5.5	
		08/16/85	64.0	-4.0	
05S/09W-31B01 S	40.4	10/25/84	47.2	-6.8	4417
		02/13/85	34.7	5.7	
		05/16/85	39.9	.5	
		08/07/85	60.6	-20.2	
05S/09W-31M02 S	34.3	10/30/84	42.7	-8.4	4417
		02/14/85	29.1	5.2	
		05/14/85	32.8	1.5	
		08/19/85	58.1	-23.8	
05S/09W-34J01 S	67.9	10/01/84	99.0(1)	-31.1	4709
		11/01/84	101.0(1)	-33.1	
		12/03/54	46.0	21.9	
		01/02/85	12.0	55.9	
		02/01/85	2.0	65.9	
		03/01/85	2.0	65.9	
		04/01/85	20.0	47.9	
		05/01/85	78.0(1)	-10.1	
		06/03/85	94.0(1)	-26.1	
		07/01/85	87.0(1)	-19.1	
		08/01/85	39.0	28.9	
		09/03/85	25.0	42.9	
05S/09W-34Q01 S	69.7	10/01/84	123.0(1)	-53.3	4709
		11/01/84	144.0(1)	-74.3	
		12/03/84	100.0	-30.3	
		01/02/85	66.0	3.7	
		02/01/85	21.0	48.7	
		03/01/85	21.0	48.7	
		04/01/85	74.0	-4.3	
		05/01/85	90.0	-20.3	
		06/03/85	145.0(1)	-75.3	
		07/01/55	113.0(1)	-43.3	
		08/01/85	58.0	11.7	
		09/03/85	50.0	19.7	
05S/09W-36B01 S	157.0	10/09/84	69.1	87.9	4417
		10/26/84	66.8	90.2	
		02/11/85	45.3	111.7	
		04/15/85	48.9	108.1	
		05/06/85	54.9	102.1	
		08/07/85	66.0	91.0	
05S/10W-09R01 S	74.2	10/09/84	32.3	41.9	4417
		10/31/84	32.7	41.5	
		02/15/85	30.7	43.5	
		03/12/85	30.0	44.2	
		04/15/85	29.8	44.4	
		05/09/85	30.8	43.4	
		08/16/85	33.9	40.3	
05S/10W-10D04 S	84.0	10/31/84	43.0	41.0	4417
		02/15/85	40.7	43.3	
		05/09/85	41.1	42.9	
		08/16/85	44.5	39.5	
05S/10W-10P01 S	82.4	10/31/84	39.0	43.4	4417
		11/13/84	42.1	40.3	5102
		02/15/85	36.5	45.9	4417
		05/39/85	37.1	45.3	
		07/22/85	43.2	39.2	5102
		08/16/85	40.5	41.9	4417
		09/24/85	50.7	31.7	5102
05S/10W-15B02 S	79.0	10/31/84	37.1	41.9	4417
		02/15/85	34.7	44.3	
		05/39/85	35.3	43.7	
		08/16/85	38.7	40.3	
05S/10W-21M02 S	40.0	10/31/84	17.8	22.2	4417
		02/15/85	13.2	26.8	
		05/14/85	13.2	26.8	
		08/16/85	19.0	21.0	
05S/10W-26R02 S	37.2	10/25/84	8.9	28.3	4417
		02/14/85	7.7	29.5	
		05/08/85	8.0	29.2	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y SANTA ANA HB					
Y-01 SANTA ANA RIVER HU					
Y-01.A LOWER SANTA ANA RIVER HA					
Y-01.A1 EAST COASTAL PLAIN HSA					
05S/10W-26R02 S	37.2	08/07/85	9.2	28.0	4417
05S/10W-31D04 S	20.0	10/31/84	20.4	-.4	4417
		02/15/85	14.6	5.4	
		05/14/85	15.2	4.8	
		08/16/85	22.4	-2.4	
05S/10W-33D01 S	37.6	10/25/84	36.1	1.5	4417
		02/14/85	34.5	3.1	
		05/08/85	33.4	4.2	
		08/07/85	35.6	2.0	
05S/10W-35K01 S	32.7	10/09/84	44.4	-11.7	4417
		10/25/84	45.0	-12.3	
		02/13/85	32.4	.3	
		03/12/85	27.8	4.9	
		04/15/85	32.9	-.2	
		05/08/85	33.6	-.9	
		08/07/85	56.3	-23.6	
05S/11W-07C01 S	10.0	11/01/84	49.3	-39.3	4417
		02/28/85	23.9	-13.9	
		05/13/85	30.4	-20.4	
		08/17/85	47.8	-37.8	
05S/11W-13A02 S	42.0	02/28/85	31.1	10.9	4417
		05/14/85	44.7(4)	-2.7	
		08/16/85	57.5	-15.5	
05S/11W-20R04 S	31.2	11/01/84	43.6	-12.4	4417
		02/28/85	34.5	-3.3	
		08/17/85	43.9	-12.7	
05S/11W-24N02 S	25.0	10/30/84	11.4	13.6	4417
		02/14/85	-1.5	26.5	
		05/14/85	4.7	20.3	
		08/19/85	13.8	11.2	
06S/08W-06J01 S	238.9	10/01/84	141.0	97.9	4709
		11/01/84	201.0(1)	37.9	
		12/03/84	123.0	115.9	
		01/02/85	106.0	132.9	
		02/01/85	104.0	134.9	
		02/11/85	104.8	134.1	4417
		03/01/85	186.0(1)	52.9	4709
		04/01/85	122.0	116.9	
		05/01/85	160.0(1)	78.9	
		06/03/85	175.0(1)	63.9	
		07/01/85	190.0(1)	48.9	
		08/01/85	169.0(1)	69.9	
		09/03/85	128.0	110.9	
06S/08W-07E01 S	178.2	10/01/84	77.0	101.2	4709
		11/01/84	68.0	110.2	
		12/03/84	64.0	114.2	
		01/02/85	50.0	128.2	
		02/01/85	47.0	131.2	
		02/11/85	48.1	130.1	4417
		03/01/85	52.0	126.2	4709
		04/01/85	139.0(1)	39.2	
		05/01/85	70.0	108.2	
		06/03/85	68.0	110.2	
		07/01/85	67.0	111.2	
		08/01/85	84.0	94.2	
		09/03/85	79.0	99.2	
06S/08W-07Q01 S	202.2	10/26/84	71.0	131.2	4417
		02/11/85	54.2	148.0	
		05/06/85	63.2	139.0	
		08/06/85	70.3	131.9	
06S/08W-08M01 S	244.1	10/26/84	110.5	133.6	4417
		01/23/85	NM-6		5102
		02/11/85	NM-6		4417
06S/09W-01L01 S	142.4	10/01/84	74.0	68.4	4709
		11/01/84	129.0(1)	13.4	
		12/03/84	67.0	75.4	
		01/02/85	46.0	96.4	
		02/01/85	42.0	100.4	
		02/11/85	37.0	105.4	4417
		03/01/85	42.0	100.4	4709
		04/01/85	54.0	88.4	
		05/01/85	54.0	88.4	
		05/06/85	53.7	88.7	4417
		06/03/85	66.0	76.4	4709
		07/01/85	72.0	70.4	
		08/01/85	65.0	77.4	
		08/06/85	64.2	78.2	4417
		09/03/85	62.0	80.4	4709
06S/09W-04L01 S	48.3	10/01/84	43.0	5.3	4709
		11/01/84	43.0	5.3	
		12/03/84	39.0	9.3	
		01/02/85	35.0	13.3	
		02/01/85	37.0	11.3	
		03/01/85	35.0	13.3	
		04/01/85	33.0	15.3	
		05/01/85	34.0	14.3	
		06/03/85	39.0	9.3	
		07/01/85	40.0	8.3	
		08/01/85	41.0	7.3	
		09/03/85	47.0	1.3	
06S/09W-09A01 S	67.0	02/15/85	51.9	15.1	4417
06S/10W-05B03 S	18.4	10/31/84	24.9	-6.5	4417
		02/14/85	17.2	1.2	
		05/14/85	18.5	-.1	

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y SANTA ANA HB					
Y-01 SANTA ANA RIVER HU					
Y-01.A LOWER SANTA ANA RIVER HA					
Y-01.A1 EAST COASTAL PLAIN HSA					
06S/10W-05B03 S	18.4	08/16/85	28.3	-9.9	4417
06S/10W-11G01 S	52.0	10/25/84	62.3	-10.3	4417
		02/15/85	50.3	1.7	
		05/08/85	48.3	3.7	
		08/07/85	56.1	-14.1	
06S/10W-13E01 S	11.4	10/25/84	7.3	4.1	4417
		02/15/85	6.9	4.5	
		05/08/85	6.7	4.7	
		08/07/85	7.5	3.9	
Y-01.A3 SANTA ANA NARROWS HSA					
03S/08W-29001 S	339.0	11/02/84	17.6	321.4	4417
		03/13/85	NM-6		
Y-01.B MIDDLE SANTA ANA RIVER HA					
Y-01.B1 CHINO HSA					
01S/05W-06J01 S		11/30/84	NM-7		4706
	1364.0	05/09/85	577.6	786.4	
01S/05W-07N01 S		11/30/84	NM-7		4706
		05/09/85	NM-7		
01S/05W-07R01 S	1247.8	12/31/84	475.4	772.4	4706
		03/29/85	472.6	775.2	
01S/05W-16C01 S	1227.3	12/27/84	405.0	822.3	4706
		03/29/85	404.5	822.8	
		08/30/85	403.0	824.3	
01S/05W-19A01 S		03/29/85	NM-6		4706
01S/05W-19D01 S		12/27/84	NM-7		4706
	1142.0	03/25/85	381.6	760.4	
		08/30/85	384.3	757.7	
01S/05W-22M01 S	1091.0	10/01/84	250.0	841.0	4124
		11/01/84	250.0	841.0	
		12/03/84	250.0	841.0	
		01/02/85	250.5	840.5	
		02/01/85	250.0	841.0	
		03/01/85	249.3	841.7	
		04/01/85	248.9	842.1	
		05/01/85	249.0	842.0	
		06/03/85	250.0	841.0	
		06/22/85	248.0	843.0	
		07/01/85	250.0	841.0	
		08/01/85	250.0	841.0	
		09/01/85	250.0	841.0	
01S/05W-29A01 S	1082.4	10/01/84	280.1	802.3	4124
		11/01/84	277.3	805.1	
		12/03/84	277.8	804.6	
		01/02/85	277.6	804.8	
		02/01/85	278.2	804.2	
		03/01/85	275.0	807.4	
		04/01/85	275.2	807.2	
		05/01/85	275.0	807.4	
		05/23/85	269.0	813.4	
		06/03/85	274.4	808.0	
		07/01/85	274.0	808.4	
		08/01/85	274.4	808.0	
		09/03/85	275.0	807.4	
01S/05W-30L01 S	1049.0	12/27/84	292.7	756.3	4706
		03/29/85	292.8	756.2	
		08/30/85	288.4	760.6	
01S/06W-11B01 S	1246.5	12/27/84	491.5	755.0	4706
		03/29/85	489.0	757.5	
		08/30/85	488.5	758.0	
01S/06W-11N01 S		12/27/84	NM-7		4706
		03/29/85	NM-7		
01S/06W-12P01 S		12/27/84	NM-7		4706
		03/29/85	NM-7		
01S/06W-16A01 S		05/08/85	NM-0		4850
01S/06W-23D01 S	1079.0	12/28/84	341.8	737.2	4706
		03/29/85	340.0	739.0	
		08/30/85	355.2	723.8	
01S/06W-25C01 S	1050.0	03/29/85	298.5	751.5	4706
		08/30/85	296.8	753.2	
01S/06W-27L01 S	955.1	03/29/85	234.3	720.8	4706
		08/30/85	233.4	721.7	
01S/07W-08N01 S		10/02/84	NM-7		4205
		01/03/85	NM-7		
01S/07W-14D01 S	1094.0	10/02/84	440.0	654.0	4702
		10/17/84	421.0	673.0	
		10/30/84	422.0	672.0	
		11/13/84	421.0	673.0	
		11/28/84	411.0	683.0	
		12/17/84	411.0	683.0	
		12/31/84	410.0	684.0	
		01/14/85	411.0	683.0	
		01/30/85	410.0	684.0	
		02/13/85	410.0	684.0	
		02/27/85	411.0	683.0	
		03/13/85	409.0	685.0	
		03/27/85	409.0	685.0	

TABLE 0 (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y SANTA ANA HB					
Y-01 SANTA ANA RIVER HU					
Y-01.B MIDDLE SANTA ANA RIVER HA					
Y-01.81 CHINO HSA					
015/07W-14D01 S	1094.0	04/17/85	413.0	681.0	4702
		04/29/85	428.0	666.0	
		05/16/85	424.0	670.0	
		05/30/85	410.0	684.0	
		06/18/85	433.0	661.0	
		07/15/85	436.0	658.0	
		07/29/85	435.0	659.0	
		08/13/85	435.0	659.0	
		09/16/85	432.0	662.0	
015/07W-14E01 S	1080.0	10/04/84	436.0	644.0	4702
		10/18/84	419.0	661.0	
		10/31/84	419.0	661.0	
		11/16/84	418.0	662.0	
		12/03/84	409.0	671.0	
		12/18/84	409.0	671.0	
		01/02/85	408.0	672.0	
		01/15/85	408.0	672.0	
		01/31/85	408.0	672.0	
		02/13/85	408.0	672.0	
		02/28/85	409.0	671.0	
		03/14/85	407.0	673.0	
		04/01/85	407.0	673.0	
		04/18/85	411.0	669.0	
		05/01/85	418.0	662.0	
		05/16/85	419.0	661.0	
		05/31/85	409.0	671.0	
		06/19/85	429.0	651.0	
		07/15/85	432.0	648.0	
		07/30/85	432.0	648.0	
		08/13/85	432.0	648.0	
		09/16/85	429.0	651.0	
015/07W-14G01 S	1085.0	10/02/84	432.0	653.0	4702
		10/17/84	417.0	668.0	
		10/30/84	421.0	664.0	
		11/16/84	412.0	673.0	
		11/28/84	407.0	678.0	
		12/17/84	407.0	678.0	
		12/31/84	406.0	679.0	
		01/14/85	407.0	678.0	
		01/30/85	406.0	679.0	
		02/13/85	406.0	679.0	
		02/27/85	408.0	677.0	
		03/13/85	405.0	680.0	
		03/27/85	405.0	680.0	
		04/17/85	412.0	673.0	
		04/29/85	423.0	662.0	
		05/16/85	419.0	666.0	
		05/30/85	406.0	679.0	
		06/18/85	427.0	658.0	
		07/15/85	430.0	655.0	
		07/29/85	430.0	655.0	
		08/13/85	430.0	655.0	
		09/16/85	427.0	658.0	
015/07W-14L01 S	1066.0	10/04/84	426.0	640.0	4702
		10/18/84	415.0	651.0	
		10/31/84	413.0	653.0	
		11/16/84	411.0	655.0	
		12/03/84	401.0	665.0	
		12/18/84	411.0	655.0	
		01/02/85	400.0	666.0	
		01/15/85	399.0	667.0	
		01/31/85	398.0	668.0	
		02/13/85	398.0	668.0	
		02/28/85	399.0	667.0	
		03/14/85	398.0	668.0	
		04/01/85	399.0	667.0	
		04/18/85	404.0	662.0	
		04/30/85	408.0	658.0	
		05/16/85	401.0	665.0	
		05/31/85	398.0	668.0	
		06/18/85	398.0	668.0	
		07/15/85	401.0	665.0	
		07/30/85	410.0	656.0	
		08/13/85	410.0	656.0	
		09/16/85	407.0	659.0	
015/07W-17E01 S	1155.0	10/02/84	520.0	635.0	4205
		01/03/85	517.0	638.0	
		04/01/85	545.0(1)	610.0	
		07/20/85	546.0(1)	609.0	
		08/07/85	516.0	639.0	
015/07W-19D01 S	1080.0	10/01/84	462.0	618.0	4748
		11/01/84	462.0	618.0	
		12/01/84	460.5	619.5	
		01/02/85	460.0	620.0	
		02/01/85	459.0	621.0	
		03/01/85	448.0	632.0	
		04/01/85	448.0	632.0	
		07/01/85	462.0	618.0	
		08/01/85	460.0	620.0	
		09/01/85	460.0	620.0	
015/07W-19D02 S	1092.3	10/01/84	478.8	613.5	4748
		11/01/84	471.3	621.0	
		12/01/84	469.8	622.5	
		01/02/85	468.8	623.5	
		02/01/85	457.8	634.5	
		03/01/85	457.8	634.5	
		04/01/85	457.3	635.0	
		07/01/85	496.9(1)	595.4	
		08/01/85	470.3(1)	622.0	
		09/01/85	470.3	622.0	
015/08W-01D02 S	1342.0	10/01/84	130.0	1412.0	4748
		11/01/84	172.6	1369.4	
015/08W-01D02 S	1342.0	12/03/84	172.0	1370.0	4748
		01/02/85	172.6	1369.4	
		02/01/85	182.0	1360.0	
		03/01/85	178.5	1363.5	
		04/01/85	193.0(1)	1349.0	
		07/01/85	215.0(1)	1327.0	
		08/01/85	220.0(1)	1322.0	
		09/03/85	216.0(1)	1326.0	
015/08W-01D03 S	1545.0	10/01/84	238.6	1306.4	4748
		11/01/84	255.0	1290.0	
		12/03/84	253.0	1292.0	
		01/02/85	255.6	1289.4	
		02/01/85	308.6	1236.4	
		03/01/85	259.0	1286.0	
		04/01/85	264.0	1281.0	
		07/01/85	281.0	1264.0	
		08/01/85	300.0(1)	1245.0	
		09/03/85	304.0(1)	1241.0	
015/08W-11C01 S		12/01/84	NM-7		5125
		01/02/85	NM-7		
		05/01/85	NM-7		
015/08W-11R01 S	1219.9	10/02/84	565.0	654.9	4205
		01/01/85	558.0	661.9	
		04/01/85	563.0(1)	656.9	
		07/20/85	560.0	659.9	
		08/07/85	558.0	661.9	
015/08W-12K01 S	1255.0	10/01/84	615.0	640.0	4748
		11/01/84	615.0	640.0	
		01/02/85	616.0	639.0	
		02/01/85	610.0	645.0	
		03/01/85	610.0	645.0	
		07/01/85	640.0(1)	615.0	
		08/01/85	614.0	641.0	
		09/03/85	642.0(1)	613.0	
015/08W-12P01 S	1214.6	10/01/84	633.6	581.0	4748
		11/01/84	584.6	630.0	
		12/03/84	584.2	630.4	
		01/02/85	583.2	631.4	
		02/01/85	583.6	631.0	
		03/01/85	582.6	632.0	
		04/01/85	584.2	630.4	
		07/01/85	590.2	624.4	
		08/01/85	589.6	625.0	
		09/01/85	590.6	624.0	
015/08W-14A03 S	1192.0	10/01/84	518.0	674.0	5125
		11/01/84	517.0	675.0	
		12/01/84	517.0	675.0	
		01/02/85	517.0	675.0	
		02/01/85	503.0	689.0	
		03/01/85	NM-7		
		04/01/85	518.0	674.0	
		05/01/85	520.0	672.0	
		06/03/85	528.0	664.0	
		07/01/85	527.0	665.0	
		08/01/85	530.0	662.0	
		09/03/85	530.0	662.0	
015/08W-14D01 S	1172.2	10/01/84	599.0	573.2	5125
		11/01/84	581.0	591.2	
		12/01/84	578.0	594.2	
		01/02/85	575.0	597.2	
		02/01/85	NM-7		
		03/01/85	575.0	597.2	
		04/01/85	NM-7		
		05/01/85	590.0	582.2	
		06/03/85	596.0	576.2	
		07/01/85	596.0	576.2	
		08/01/85	602.0	570.2	
		09/03/85	601.0	571.2	
015/08W-14N01 S	1057.0	08/01/85	489.0	568.0	5125
		09/01/85	490.0	567.0	
015/08W-15D01 S	1147.0	03/01/85	400.5	746.5	2429
015/08W-15H01 S	1125.0	10/01/84	574.0	551.0	5125
		11/01/84	520.0	605.0	
		12/01/84	510.0	615.0	
		01/02/85	509.0	616.0	
		02/01/85	509.0	616.0	
		03/01/85	510.0	615.0	
		04/01/85	514.0	611.0	
		05/01/85	534.0	591.0	
		06/01/85	530.0	595.0	
		07/01/85	530.0	595.0	
		08/01/85	544.0	581.0	
		09/01/85	544.0	581.0	
015/08W-15J01 S	1101.0	10/01/84	507.5	593.5	5125
		11/01/84	498.5	602.5	
		12/01/84	489.5	611.5	
		01/02/85	501.5	599.5	
		02/01/85	482.5	618.5	
		03/01/85	482.5	618.5	
		04/01/85	489.5	611.5	
		05/01/85	498.5	602.5	
		06/03/85	506.5	594.5	
		07/01/85	507.5	593.5	
		08/01/85	515.5	585.5	
		09/03/85	510.5	590.5	
015/08W-15P02 S	1062.0	02/13/85	431.0	631.0	4776

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

Y SANTA ANA NB
Y-01 SANTA ANA RIVER NU
Y-01.8 MIDDLE SANTA ANA RIVER NA
Y-01.81 CHINO NSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
01S/08W-15D03 S	1050.0	06/03/85	475.0	575.0	5125
		07/01/85	475.0	575.0	
		08/01/85	477.0	573.0	
		09/03/85	478.0	572.0	
01S/08W-19R01 S	1078.0	10/01/84	482.0	596.0	5125
		11/01/84	472.0	606.0	
		12/01/84	460.0	618.0	
		01/02/85	459.0	619.0	
		02/01/85	462.0	616.0	
		03/01/85	449.0	629.0	
		04/01/85	468.0	610.0	
		05/01/85	482.0	596.0	
		06/03/85	484.0	594.0	
		07/01/85	486.0	592.0	
		08/01/85	476.0	602.0	
		09/03/85	483.0	595.0	
01S/08W-23A03 S	1073.0	10/01/84	438.0	635.0	5125
		11/01/84	437.0	636.0	
		12/01/84	435.0	638.0	
		01/02/85	435.0	638.0	
		02/01/85	434.0	639.0	
		03/01/85	434.0	639.0	
		04/01/85	434.0	639.0	
		05/01/85	433.0	640.0	
		06/03/85	434.0	639.0	
		07/01/85	435.0	638.0	
		08/01/85	437.0	636.0	
		09/03/85	436.0	637.0	
01S/08W-24E01 S		12/01/84	NM-4		5125
		01/02/85	NM-4		
		05/01/85	NM-4		
01S/08W-26B01 S		10/01/84	NM-7		5125
		11/01/84	NM-7		
		12/01/84	NM-7		
		01/02/85	NM-7		
		02/01/85	NM-7		
		03/01/85	NM-7		
	980.0	04/01/85	314.0	666.0	
		05/01/85	NM-7		
		06/03/85	350.0	630.0	
		07/01/85	349.0	631.0	
01S/08W-27H01 S	935.0	10/01/84	327.0	608.0	5125
		11/01/84	NM-7		
		12/01/84	323.0	612.0	
		01/02/85	322.0	613.0	
		02/01/85	321.0	614.0	
		03/01/85	NM-7		
		04/01/85	322.0	613.0	
		05/01/85	323.0	612.0	
01S/08W-28E01 S	882.0	03/01/85	274.5	607.5	2429
01S/08W-28E02 S	890.0	03/01/85	285.4	604.6	2429
01S/08W-28F01 S	900.0	03/01/85	295.0	605.0	2429
01S/08W-28F02 S	887.5	03/01/85	269.5	618.0	2429
01S/08W-28G01 S	894.0	03/01/85	280.0	614.0	2429
01S/08W-28G02 S	903.0	03/01/85	284.0	619.0	2429
01S/08W-28L01 S	873.7	03/01/85	256.8	616.9	2429
01S/08W-28M01 S	868.0	03/01/85	262.5	605.5	2429
01S/08W-28M02 S	870.1	03/01/85	267.0	603.1	2429
01S/08W-28M03 S	864.0	03/01/85	257.6	606.4	2429
01S/08W-28N01 S	857.0	03/01/85	250.8	606.2	2429
01S/08W-28N02 S	859.0	03/01/85	252.3	606.7	2429
01S/08W-30K01 S	844.6	03/01/85	211.3	633.3	2429
01S/08W-31J01 S	808.0	03/01/85	169.0	639.0	2429
01S/08W-32G01 S	816.5	03/01/85	216.5	600.0	2429
01S/08W-33C01 S	836.6	03/01/85	237.0	599.6	2429
01S/08W-33D01 S	840.6	03/01/85	240.3	600.3	2429
01S/08W-34A01 S		10/01/84	NM-7		5125
		11/01/84	NM-7		
		12/01/84	NM-7		
		01/02/85	NM-7		
	868.0	02/01/85	294.0	574.0	
		03/01/85	NM-7		
		04/01/85	278.0	590.0	
		05/01/85	NM-7		
01S/08W-35C04 S	826.0	10/12/84	316.3	509.7	1437
		01/10/85	316.3	509.7	
		04/17/85	316.3	509.7	
		07/02/85	316.3	509.7	
01S/08W-35J01 S	855.0	10/12/84	264.8	590.2	1437
		01/10/85	264.8	590.2	
		04/17/85	264.8	590.2	
		07/02/85	236.0	619.0	
01S/08W-35J02 S	854.0	10/12/84	255.7	598.3	1437
01S/08W-35J02 S	854.0	01/10/85	255.7	598.3	1437
		04/17/85	255.7	598.3	
		07/02/85	249.2	604.8	
02S/05W-07R03 S		12/17/84	NM-6		2980
02S/05W-18C02 S	861.0	01/02/85	46.0	815.0	2980
		05/15/85	47.0	814.0	
02S/06W-10M03 S	749.0	05/07/85	159.4(4)	585.6	8208
		06/05/85	160.8(4)	584.2	
02S/06W-10M04 S	745.0	03/01/85	165.2(4)	579.8	8208
		05/07/85	160.0(4)	585.0	
		06/05/85	164.4(4)	580.6	
02S/06W-11J02 S	770.0	01/02/85	21.2	748.8	2980
		05/15/85	24.5	745.5	
02S/06W-11K03 S	755.0	01/02/85	29.8	725.2	2980
		05/15/85	32.8	722.2	
02S/06W-11Q01 S	745.0	01/02/85	18.9	726.1	2980
		05/15/85	18.2	726.8	
02S/06W-12L01 S	817.0	01/02/85	31.1	785.9	2980
		05/15/85	31.6	785.4	
02S/06W-12M03 S	795.9	01/02/85	19.5	776.4	2980
		05/15/85	21.2	774.7	
02S/06W-13B06 S	783.0	01/02/85	13.8	769.2	2980
		05/15/85	16.0	767.0	
02S/06W-13C06 S	774.0	01/02/85	8.8	765.2	2980
		05/15/85	9.7	764.3	
02S/06W-13F01 S	764.0	01/02/85	13.6	750.4	2980
		05/15/85	15.2	748.8	
02S/06W-13F02 S	755.0	01/02/85	2.4	752.6	2980
		05/15/85	4.4	750.6	
02S/06W-13F03 S	770.0	01/02/85	14.3	755.7	2980
		05/15/85	17.4	752.6	
02S/06W-13F05 S	775.8	01/02/85	24.2	751.6	2980
		05/15/85	25.8	750.0	
02S/06W-13G03 S	775.0	01/02/85	13.3	761.7	2980
		05/15/85	14.8	760.2	
02S/06W-13M02 S	753.0	01/02/85	8.1	744.9	2980
		05/15/85	9.0	744.0	
02S/06W-13M03 S	753.0	01/02/85	5.6	747.4	2980
		05/15/85	8.3	744.7	
02S/06W-14C02 S	734.5	01/02/85	26.0	708.5	2980
		05/15/85	27.3	707.2	
02S/06W-14N02 S	737.0	01/02/85	4.5	732.5	2980
		05/15/85	5.4	731.6	
02S/06W-14L01 S	711.0	01/02/85	3.6	707.4	2980
		05/15/85	5.5	705.5	
02S/06W-16B02 S		01/02/85	NM-6		2980
02S/06W-21D03 S		01/02/85	NM-6		2980
02S/06W-21E01 S	695.2	12/17/84	97.3	597.9	2980
		05/13/85	97.3	597.9	
02S/06W-23A01 S	748.0	01/02/85	34.1	713.9	2980
		05/15/85	34.2	713.8	
02S/06W-23G01 S	707.0	01/03/85	15.7	691.3	2980
		05/15/85	15.3	691.7	
02S/06W-23G04 S		01/03/85	NM-6		2980
02S/06W-26D01 S	684.1	01/03/85	23.0	661.1	2980
		05/15/85	NM-6		
02S/06W-26D02 S	686.0	01/03/85	25.0	661.0	2980
		05/15/85	25.6	660.4	
02S/06W-27A01 S	660.5	01/03/85	13.1	647.4	2980
		05/15/85	14.6	645.9	
02S/06W-27D04 S	650.0	01/03/85	16.8	633.2	2980
		05/15/85	18.2	631.8	
02S/06W-33E01 S	715.9	12/21/84	48.7	667.2	2980
		05/14/85	DRY		
02S/06W-33E02 S	743.6	12/21/84	40.0	703.6	2980
		05/14/85	44.1	699.5	
02S/08W-11L01 S	710.0	10/12/84	155.8	554.2	1437
		01/10/85	155.8	554.2	
		04/17/85	155.8	554.2	
		07/02/85	146.2	563.8	
02S/08W-11M01 S	702.9	10/12/84	150.0	552.9	1437
		01/10/85	150.0	552.9	
		04/17/85	150.0	552.9	
		07/02/85	143.3	559.6	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y SANTA ANA HB					
Y-01 SANTA ANA RIVER HU					
Y-01.8 MIDDLE SANTA ANA RIVER HA					
Y-01.83 CLAREMONT HSA					
01N/08W-24E01 S	2141.7	10/02/84	117.0	2024.7	4205
		01/03/85	111.0	2030.7	
		02/13/85	111.0	2028.7	
		04/01/85	89.0	2052.7	
		06/20/85	117.0	2024.7	
		07/20/85	117.0	2024.7	
		08/07/85	119.0	2022.7	
01N/08W-24L01 S	2137.6	10/02/84	169.0	1968.6	4205
		01/03/85	156.0	1981.6	
		02/13/85	159.0	1978.6	
		04/01/85	124.0	2013.6	
		06/20/85	157.0	1980.6	
		07/20/85	157.0	1980.6	
		08/07/85	162.0	1975.6	
01N/08W-25K02 S	1833.0	10/02/84	139.0	1696.0	4205
		01/03/85	161.0	1694.0	
		02/13/85	168.3	1686.7	
		04/01/85	201.0(1)	1634.0	
		06/20/85	113.0	1742.0	
		07/20/85	219.0(1)	1636.0	
		08/07/85	217.0(1)	1638.0	
01N/08W-23M01 S	1864.9	10/01/84	203.6	1661.3	4748
		11/01/84	207.6	1657.3	
		12/03/84	210.6	1654.3	
		01/02/85	209.6	1655.3	
		02/01/85	210.0	1654.9	
		03/01/85	212.0	1652.9	
		04/01/85	214.0	1650.9	
		07/01/85	212.0	1652.9	
		08/01/85	213.0	1651.9	
		09/03/85	213.6	1651.3	
01S/08W-02B02 S	1349.3	10/01/84	133.3(1)	1416.0	4748
		11/01/84	171.3	1378.0	
		12/03/84	175.3	1374.0	
		01/02/85	172.3	1377.0	
		02/01/85	180.8(1)	1368.5	
		03/01/85	184.3(1)	1365.0	
		04/01/85	188.3	1361.0	
		07/01/85	212.9(1)	1336.4	
		08/01/85	216.3(1)	1333.0	
		09/03/85	220.3(1)	1329.0	
01S/08W-02D01 S	1461.8	10/01/84	119.3	1362.5	4748
		11/01/84	120.9	1360.9	
		12/03/84	122.5	1339.5	
		01/02/85	122.9	1358.9	
		02/01/85	124.5	1357.5	
		03/01/85	125.5	1356.5	
		04/01/85	131.5	1330.5	
		07/01/85	163.3(1)	1318.9	
		08/01/85	168.9(1)	1312.9	
		09/03/85	173.3(1)	1308.5	
01S/08W-02F01 S	1470.0	10/01/84	97.6(1)	1372.4	4748
		11/01/84	97.0(1)	1373.0	
		12/03/84	97.0(1)	1373.0	
		01/02/85	98.0(1)	1372.0	
		02/01/85	100.0	1370.0	
		03/01/85	101.0(1)	1369.0	
		04/01/85	104.0(1)	1366.0	
		07/01/85	119.0(1)	1351.0	
		08/01/85	124.0(1)	1346.0	
		09/03/85	124.0(1)	1346.0	
Y-01.84 CUCAMONGA HSA					
01N/07W-27P02 S	1380.0	10/03/84	255.3	1324.7	4702
		10/17/84	258.3	1321.7	
		10/30/84	249.3	1330.7	
		11/14/84	226.3	1353.7	
		11/27/84	215.3	1364.7	
		12/19/84	212.3	1367.7	
		12/31/84	212.3	1367.7	
		01/14/85	208.3	1371.7	
		01/30/85	208.3	1371.7	
		02/13/85	208.3	1371.7	
		02/27/85	208.3	1371.7	
		03/13/85	209.3	1370.7	
		03/29/85	208.3	1371.7	
		04/17/85	223.3	1356.7	
		04/30/85	228.3	1351.7	
		05/20/85	246.3	1333.7	
		05/31/85	254.3	1325.7	
		06/25/85	290.3	1329.7	
		07/15/85	267.3	1312.7	
		07/31/85	261.3	1318.7	
		08/13/85	271.3	1308.7	
		09/17/85	273.3	1306.7	
01N/07W-27Q01 S	1374.0	10/02/84	247.0	1327.0	4702
		10/17/84	236.0	1338.0	
		10/30/84	242.0	1332.0	
		11/14/84	216.0	1358.0	
		11/27/84	199.0	1375.0	
		12/19/84	195.0	1379.0	
		01/02/85	196.0	1378.0	
		01/14/85	192.0	1382.0	
		01/30/85	192.0	1382.0	
		02/13/85	192.0	1382.0	
		02/27/85	196.0	1378.0	
		03/13/85	200.0	1374.0	
		03/29/85	204.0	1370.0	
		04/17/85	211.0	1363.0	
		04/30/85	231.0	1343.0	
		05/20/85	239.0	1335.0	

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y SANTA ANA HB					
Y-01 SANTA ANA RIVER HU					
Y-01.8 MIDDLE SANTA ANA RIVER HA					
Y-01.84 CUCAMONGA HSA					
01N/07W-27Q01 S	1374.0	05/31/85	229.0	1345.0	4702
		06/25/85	248.0	1326.0	
		07/15/85	261.0	1313.0	
		07/31/85	262.0	1312.0	
		08/13/85	267.0	1307.0	
		09/17/85	264.0	1310.0	
01N/07W-28M01 S	1674.0	10/02/84	328.4	1345.6	4702
		10/17/84	328.4	1345.6	
		10/30/84	331.4	1342.6	
		11/13/84	341.4	1332.6	
		11/27/84	335.4	1338.6	
		12/19/84	328.4	1345.6	
		12/31/84	326.4	1347.6	
		01/14/85	323.4	1350.6	
		01/30/85	323.4	1350.6	
		02/13/85	322.4	1351.6	
		02/27/85	321.4	1352.6	
		03/13/85	319.4	1354.6	
		03/29/85	321.4	1352.6	
		04/17/85	327.4	1346.6	
		04/30/85	329.4	1344.6	
		05/15/85	329.4	1344.6	
		05/31/85	343.4	1330.6	
		06/21/85	343.4	1330.6	
01N/07W-28N02 S	1670.0	07/15/85	348.0	1322.0	4702
		07/30/85	357.0	1313.0	
		08/14/85	363.0	1307.0	
		09/17/85	379.0	1291.0	
01N/07W-29R03 S	1702.3	10/31/84	330.0(1)	1372.3	4748
		11/01/84	309.0	1393.3	
		12/01/84	300.0	1402.3	
		01/02/85	296.0	1406.3	
		02/01/85	290.0	1412.3	
		03/01/85	290.0	1412.3	
		04/01/85	291.0	1411.3	
		07/01/85	323.0	1379.3	
		09/01/85	344.0	1358.3	
01N/07W-32R03 S	1496.0	10/31/84	72.0	1424.0	4748
		11/01/84	78.0	1418.0	
		12/01/84	71.0	1425.0	
		01/02/85	66.0	1430.0	
		02/01/85	59.0	1437.0	
		03/01/85	58.0	1438.0	
		04/01/85	59.0	1437.0	
		09/01/85	NM-6		
01N/07W-33001 S	1595.0	10/02/84	273.0	1322.0	4702
		10/17/84	274.0	1321.0	
		10/30/84	275.0	1320.0	
		11/13/84	277.0	1318.0	
		11/27/84	274.0	1321.0	
		12/19/84	265.0	1330.0	
		12/31/84	262.0	1333.0	
		01/14/85	260.0	1335.0	
		01/30/85	259.0	1336.0	
		02/13/85	258.0	1337.0	
		02/27/85	257.0	1338.0	
		03/13/85	256.0	1339.0	
		03/29/85	256.0	1339.0	
		04/17/85	264.0	1331.0	
		04/30/85	267.0	1328.0	
		05/15/85	267.0	1328.0	
		05/30/85	277.0	1318.0	
		06/25/85	285.0	1310.0	
		07/15/85	289.0	1306.0	
		07/30/85	300.0	1295.0	
		08/14/85	306.0	1289.0	
		09/16/85	321.0	1274.0	
01N/07W-33L01 S	1495.0	10/02/84	206.2	1288.8	4702
		10/17/84	206.2	1288.8	
		10/30/84	208.2	1286.8	
		11/13/84	206.2	1288.8	
		11/27/84	204.2	1290.8	
		12/19/84	193.2	1301.8	
		12/31/84	190.2	1304.8	
		01/14/85	187.2	1307.8	
		01/30/85	181.2	1313.8	
		02/13/85	185.2	1309.8	
		02/27/85	184.2	1310.8	
		03/13/85	182.2	1312.8	
		03/27/85	184.2	1310.8	
		04/17/85	192.2	1302.8	
		04/30/85	193.2	1301.8	
		05/17/85	197.2	1297.8	
		05/31/85	204.2	1290.8	
		06/25/85	214.2	1280.8	
		07/15/85	220.2	1274.8	
		07/30/85	227.2	1267.8	
		08/14/85	229.2	1265.8	
		09/16/85	239.2	1255.8	
01N/07W-33N01 S	1488.2	10/31/84	226.0(1)	1262.2	4748
		11/01/84	222.0(1)	1266.2	
		12/01/84	199.0	1289.2	
		01/02/85	191.0(1)	1297.2	
		02/01/85	195.0	1293.2	
		03/01/85	201.0(1)	1287.2	
		04/01/85	212.0	1276.2	
		07/01/85	233.0(1)	1255.2	
		08/01/85	246.0(1)	1242.2	
		09/01/85	258.0(1)	1230.2	
01N/07W-34A05 S	1421.0	10/14/84	244.1	1176.9	4702
		10/18/84	205.1	1215.9	

TABLE 0 (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y SANTA ANA HB					
Y-01 SANTA ANA RIVER HU					
Y-01.8 MIDDLE SANTA ANA RIVER HA					
Y-01.84 CUCAMONGA HSA					
01N/07W-34A05 S	1421.0	10/30/84	212.1	1208.9	4702
		11/16/84	183.1	1237.9	
		11/28/84	177.1	1243.9	
		12/19/84	173.1	1247.9	
		01/02/85	174.1	1246.9	
		01/14/85	170.1	1250.9	
		01/30/85	170.1	1250.9	
		02/13/85	169.1	1251.9	
		02/27/85	176.1	1244.9	
		03/13/85	180.1	1240.9	
		03/29/85	182.1	1238.9	
		04/17/85	189.1	1231.9	
		04/30/85	205.1	1215.9	
		05/20/85	211.1	1209.9	
		05/31/85	202.1	1218.9	
		06/25/85	220.1	1200.9	
		07/15/85	243.1	1177.9	
		07/31/85	252.1	1168.9	
		08/13/85	242.1	1178.9	
		09/17/85	239.1	1181.9	
01S/07W-04B01 S	1428.2	10/02/84	159.0	1269.2	4702
		10/11/84	161.0	1267.2	
		10/30/84	162.0	1266.2	
		11/13/84	162.0	1266.2	
		11/27/84	159.0	1269.2	
		12/19/84	141.0	1287.2	
		12/31/84	148.0	1280.2	
		01/14/85	144.0	1284.2	
		01/30/85	127.0	1301.2	
		02/13/85	130.0	1298.2	
		02/27/85	129.0	1299.2	
		03/13/85	127.0	1301.2	
		03/27/85	140.0	1288.2	
		04/18/85	145.0	1283.2	
		04/29/85	147.0	1281.2	
		05/16/85	146.0	1282.2	
		05/31/85	165.0	1263.2	
		06/25/85	172.0	1256.2	
		07/15/85	185.0	1243.2	
		07/29/85	185.0	1243.2	
		08/14/85	185.0	1243.2	
		09/16/85	199.0	1229.2	
01S/07W-04B02 S	1426.2	10/02/84	159.8	1266.4	4702
		10/17/84	160.8	1267.4	
		10/30/84	163.8	1264.4	
		11/13/84	159.8	1268.4	
		11/28/84	157.8	1270.4	
		12/19/84	138.8	1289.4	
		12/31/84	142.8	1285.4	
		01/15/85	136.8	1291.4	
		01/30/85	128.8	1299.4	
		02/13/85	125.8	1302.4	
		02/27/85	123.8	1304.4	
		03/13/85	122.8	1305.4	
		03/27/85	134.8	1293.4	
		04/18/85	143.8	1284.4	
		04/29/85	144.8	1283.4	
		05/16/85	145.8	1282.4	
		05/30/85	158.8	1271.4	
		06/25/85	170.8	1257.4	
		07/15/85	179.8	1248.4	
		07/29/85	176.8	1251.4	
		08/14/85	180.8	1247.4	
		09/16/85	192.8	1235.4	
01S/07W-04B03 S	1451.8	10/02/84	189.3	1262.5	4702
		10/17/84	190.3	1261.5	
		10/30/84	192.3	1259.5	
		11/13/84	190.3	1261.5	
		11/27/84	187.3	1264.5	
		12/19/84	165.3	1286.5	
		12/31/84	173.3	1278.5	
		01/14/85	168.3	1283.5	
		01/30/85	153.3	1298.5	
		02/13/85	157.3	1294.5	
		02/27/85	156.3	1295.5	
		03/13/85	155.3	1296.5	
		03/27/85	159.3	1292.5	
		04/17/85	176.3	1275.5	
		04/29/85	174.3	1277.5	
		05/16/85	174.3	1277.5	
		05/31/85	194.3	1257.5	
		06/25/85	205.3	1246.5	
		07/15/85	213.3	1238.5	
		07/30/85	193.3	1258.5	
		08/14/85	214.3	1237.5	
		09/16/85	225.3	1226.5	
Y-01.85 TEMESCAL HSA					
03S/06W-28A02 S	677.2	12/21/84	21.0	656.2	2980
		05/14/85	20.9	656.3	
03S/06W-28L03 S	673.0	12/21/84	28.4	644.6	2980
		05/14/85	28.3	644.7	
03S/06W-28L04 S	674.0	12/21/84	29.6	644.4	2980
		05/14/85	29.4	644.6	
03S/06W-28M01 S	665.7	12/21/84	26.5	639.2	2980
		05/14/85	20.9	644.8	
03S/06W-28M02 S	666.1	12/21/84	28.2	637.9	2980
		05/14/85	27.5	638.6	
03S/06W-31D01 S	690.0	10/07/84	117.0(1)	573.0	5272
		11/14/84	112.0	578.0	

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y SANTA ANA HB					
Y-01 SANTA ANA RIVER HU					
Y-01.8 MIDDLE SANTA ANA RIVER HA					
Y-01.85 TEMESCAL HSA					
03S/06W-31D01 S	690.0	12/17/84	115.2	574.8	5272
		01/18/85	114.0	576.0	
		02/07/85	109.0	581.0	
		03/06/85	97.0	593.0	
		04/09/85	113.0	577.0	
		05/14/85	164.0	526.0	
		07/23/85	118.0	572.0	
		08/11/85	113.0	577.0	
		09/09/85	113.0	577.0	
03S/06W-31D02 S		10/07/84	NM-D		5272
		12/17/84	NM-D		
		05/14/85	55.0	635.0	
		07/23/85	69.0	621.0	
		09/09/85	113.0	577.0	
03S/07W-11L03 S	575.7	08/01/85	82.9	492.8	8027
03S/07W-25E01 S	604.0	07/01/85	152.0(1)	452.0	4701
		08/31/85	115.0	489.0	
		09/03/85	117.0	487.0	
03S/07W-25J01 S	642.0	10/07/84	85.0(1)	557.0	5272
		11/14/84	86.0(1)	556.0	
		12/17/84	82.0	560.0	
		01/18/85	84.0	558.0	
		02/07/85	84.0	558.0	
		03/06/85	88.0	554.0	
		04/09/85	93.0	549.0	
		05/14/85	86.0	556.0	
		06/15/85	86.0	556.0	
		07/23/85	86.0	556.0	
		08/11/85	88.0	554.0	
		09/09/85	92.0	550.0	
03S/07W-25M02 S	661.0	10/07/84	117.0(1)	544.0	5272
		11/14/84	118.0(1)	543.0	
		12/17/84	105.0	556.0	
		01/18/85	104.0	557.0	
		02/07/85	104.0	557.0	
		03/06/85	102.0	559.0	
		05/14/85	107.0	554.0	
		06/15/85	105.0	556.0	
		07/23/85	102.0	559.0	
		08/11/85	105.0	556.0	
		09/09/85	104.0	557.0	
03S/07W-27F01 S	658.0	10/07/84	137.0	521.0	5272
		11/14/84	138.0	520.0	
		12/17/84	144.0	514.0	
		01/18/85	122.0	536.0	
		02/07/85	138.0	520.0	
		03/06/85	138.0	520.0	
		05/14/85	138.0	520.0	
		06/15/85	138.0	520.0	
		07/23/85	138.0	520.0	
		08/11/85	138.0	520.0	
		09/09/85	140.0	518.0	
03S/07W-27G01 S	650.0	10/07/84	127.0	523.0	5272
		11/14/84	124.0	526.0	
		12/17/84	122.0	528.0	
		01/18/85	122.0	528.0	
		02/07/85	123.0	527.0	
		03/06/85	123.0	527.0	
		05/14/85	122.0	528.0	
		06/15/85	121.0	529.0	
		07/23/85	120.0	530.0	
		08/11/85	121.0	529.0	
		09/09/85	120.0	530.0	
03S/07W-35C01 S	728.0	10/07/84	173.0	555.0	5272
		11/14/84	173.0	555.0	
		12/17/84	173.0	555.0	
		01/18/85	120.0	608.0	
		02/07/85	173.0	555.0	
		03/06/85	173.0	555.0	
		05/14/85	173.0	555.0	
		06/15/85	173.0	555.0	
		08/11/85	171.0	557.0	
		09/09/85	170.0	558.0	
Y-01.86 ARLINGTON HSA					
02S/05W-14G03 S	801.3	12/17/84	4.1	797.2	5208
02S/06W-36R01 S	733.0	12/21/84	11.7	721.3	2980
		05/14/85	11.7	721.3	
03S/05W-06Q02 S	752.0	10/01/84	8.1	743.9	5208
		11/01/84	8.1	743.9	
		12/03/84	3.1	748.9	
		01/02/85	8.0	744.0	
		02/01/85	7.8	744.2	
		03/01/85	7.7	744.3	
		04/01/85	7.8	744.2	
		05/31/85	7.8	744.2	
		06/03/85	7.8	744.2	
		07/01/85	8.0	744.0	
		08/31/85	8.0	744.0	
		09/31/85	8.6	743.4	
03S/05W-06Q03 S	750.0	10/01/84	6.9	743.1	5208
		11/01/84	6.6	743.4	
		12/03/84	6.3	743.7	
		01/02/85	6.6	743.4	
		02/01/85	6.2	743.8	
		03/01/85	6.1	743.9	
		04/01/85	6.2	743.8	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y SANTA ANA HB					
Y-01 SANTA ANA RIVER HU					
Y-01.8 MIDDLE SANTA ANA RIVER HA					
Y-01.86 ARLINGTON HSA					
035/05W-06003 S	750.0	05/01/85	6.2	743.8	5208
		06/03/85	6.2	743.8	
		07/01/85	6.4	743.6	
		08/01/85	6.4	743.6	
		09/03/85	7.0	743.0	
035/05W-06004 S	752.0	10/01/84	7.5	744.5	5208
		11/01/84	7.7	744.3	
		12/03/84	8.2	743.8	
		01/02/85	8.2	743.8	
		02/01/85	7.8	744.2	
		03/01/85	7.7	744.3	
		04/01/85	7.8	744.2	
		05/01/85	7.8	744.2	
		06/03/85	7.8	744.2	
		07/01/85	7.9	744.1	
		08/01/85	7.9	744.1	
		09/03/85	8.3	743.7	
035/05W-06005 S	752.0	10/01/84	7.5	744.5	5208
		11/01/84	7.4	744.6	
		12/03/84	8.3	743.7	
		01/02/85	8.3	743.7	
		02/01/85	7.9	744.1	
		03/01/85	7.8	744.2	
		04/01/85	7.9	744.1	
		05/01/85	7.9	744.1	
		06/03/85	7.9	744.1	
		07/01/85	8.1	743.9	
		08/01/85	8.1	743.9	
		09/03/85	8.5	743.5	
035/05W-08B02 S	803.0	12/20/84	38.5	764.5	2980
		05/17/85	38.0	765.0	
035/05W-08E02 S	786.0	12/20/84	24.7	761.3	2980
		05/13/85	25.1	760.9	
035/05W-09E01 S	856.0	10/01/84	81.9	774.1	5208
		11/01/84	82.3	773.7	
		12/03/84	82.2	773.8	
		12/20/84	81.2	774.8	2980
		01/02/85	82.4	773.6	5208
		02/01/85	82.3	773.7	
		03/01/85	81.9	774.1	
		04/01/85	82.5	773.5	
		05/01/85	82.8	773.2	
		05/17/85	82.9	773.1	2980
		07/01/85	83.1	772.9	5208
		08/01/85	83.1	772.9	
		09/03/85	83.4	772.6	
035/05W-09M01 S	859.1	12/20/84	83.0	776.1	2980
		05/17/85	83.7	775.4	
035/05W-14E01 S	1111.4	12/20/84	3.6	1107.8	2980
		05/14/85	17.5	1093.9	
035/05W-17K02 S	876.0	12/20/84	45.4	832.6	2980
		05/13/85	47.3	830.7	
035/05W-19E03 S		12/20/84	NM-0		2980
035/05W-19E04 S	834.2	12/21/84	7.9	826.3	2980
		05/13/85	DRY		
035/05W-19P01 S	903.0	12/21/84	8.8	894.2	2980
		05/13/85	10.4	892.6	
035/05W-19P02 S	908.9	12/21/84	6.7	902.2	2980
		05/13/85	.9	908.0	
035/05W-19P03 S	910.3	12/21/84	-.3	910.6	2980
		05/13/85	-.7	911.0	
035/06W-13B01 S	754.0	10/01/84	27.5	726.5	5208
		11/01/84	27.1	726.9	
		12/03/84	26.2	727.8	
		01/02/85	26.4	727.6	
		02/01/85	25.7	728.3	
		03/01/85	25.6	728.4	
		04/01/85	25.8	728.2	
		05/01/85	25.6	728.4	
		06/03/85	23.7	730.3	
		07/01/85	32.5	721.5	
		08/01/85	32.5	721.5	
		09/03/85	33.8	720.2	
035/06W-13B02 S	755.0	10/01/84	25.2	729.8	5208
		11/01/84	24.9	730.1	
		12/03/84	24.2	730.8	
		01/02/85	24.2	730.8	
		02/01/85	23.8	731.2	
		03/01/85	23.7	731.3	
		04/01/85	23.9	731.1	
		05/01/85	23.6	731.4	
		06/03/85	25.7	729.3	
		07/01/85	30.6	724.4	
		08/01/85	30.6	724.4	
		09/03/85	32.8	722.2	
035/06W-13E05 S	716.9	10/01/84	10.8	706.1	5208
		11/01/84	10.6	706.3	
		12/03/84	13.5	703.4	
		01/02/85	13.3	703.6	
		02/01/85	9.4	707.5	
		03/01/85	9.5	707.4	
		04/01/85	9.8	707.1	
		05/01/85	15.1	701.8	

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y SANTA ANA HB					
Y-01 SANTA ANA RIVER HU					
Y-01.8 MIDDLE SANTA ANA RIVER HA					
Y-01.86 ARLINGTON HSA					
035/06W-13E05 S	716.9	06/03/85	17.0	699.9	5208
		07/01/85	19.6	697.3	
		08/01/85	19.6	697.3	
		09/03/85	21.6	695.3	
035/06W-13M01 S	721.0	12/21/84	10.1	710.9	2980
		05/14/85	22.6	698.4	
035/06W-13M01 S	725.2	12/21/84	17.0	708.2	2980
		05/14/85	26.2	699.0	
035/06W-13N02 S	724.8	12/21/84	17.6	707.2	2980
		05/14/85	26.8	698.0	
035/06W-14Q01 S	721.8	10/01/84	20.0	701.8	5208
		11/01/84	20.1	701.7	
		12/03/84	19.8	702.0	
		01/02/85	20.0	701.8	
		02/01/85	19.0	702.8	
		03/01/85	18.9	702.9	
		04/01/85	19.1	702.7	
		05/01/85	22.5	699.3	
		06/03/85	22.8	699.0	
		07/01/85	24.6	697.2	
		08/01/85	24.6	697.2	
		09/03/85	26.4	695.4	
035/06W-22K01 S	684.7	10/01/84	17.7	667.0	5208
		11/01/84	18.1	666.6	
		12/03/84	17.5	667.2	
		01/02/85	17.5	667.2	
		02/01/85	16.7	668.0	
		03/01/85	16.2	668.5	
		04/01/85	16.4	668.3	
		05/01/85	16.8	667.9	
		06/03/85	17.5	667.2	
		07/01/85	18.5	666.2	
		08/01/85	18.5	666.2	
		09/03/85	21.0	663.7	
035/06W-22K04 S	687.0	10/01/84	12.1	674.9	5208
		11/01/84	12.2	674.8	
		12/03/84	17.0	670.0	
		01/02/85	10.3	676.7	
		02/01/85	10.2	676.8	
		03/01/85	10.0	677.0	
		04/01/85	10.2	676.8	
		05/01/85	10.7	676.3	
		09/03/85	16.7	670.3	
035/06W-22L01 S	685.6	10/01/84	18.6	667.0	5208
		11/01/84	18.8	666.8	
		12/03/84	18.9	666.7	
		01/02/85	19.0	666.6	
		02/01/85	15.8	669.8	
		03/01/85	13.6	672.0	
		04/01/85	13.8	671.8	
		05/01/85	19.4	666.2	
		07/01/85	21.2	664.4	
		08/01/85	21.2	664.4	
		09/03/85	21.8	663.8	
035/06W-24Q01 S	811.7	12/21/84	3.2	808.5	2980
		05/13/85	4.4	807.3	
Y-01.87 RIVERSIDE HSA					
015/04W-19E01 S		12/14/84	NM-9		5208
015/04W-28L02 S	940.0	10/09/84	30.0	910.0	5783
		11/06/84	30.0	910.0	
		12/03/84	37.0(1)	903.0	
		02/13/85	25.0	915.0	
		03/12/85	34.0(1)	906.0	
		04/09/85	36.0(1)	904.0	
		07/10/85	31.0(1)	909.0	
		08/22/85	31.0(1)	909.0	
015/04W-28M01 S		12/17/84	NM-6		2980
015/04W-28N05 S	927.0	10/09/84	35.3(1)	891.7	5783
		11/06/84	33.8(1)	893.2	
		12/03/84	42.0(1)	885.0	
		02/13/85	21.0	906.0	
		03/12/85	46.0(1)	881.0	
		04/09/85	45.0(1)	882.0	
		07/10/85	46.0(1)	881.0	
		08/22/85	42.0(1)	885.0	
015/04W-26R02 S	993.6	01/05/85	73.6	920.0	5713
015/04W-29H01 S	932.0	10/01/84	23.4	908.6	5208
		11/01/84	23.7	908.3	
		12/03/84	23.9	908.1	
		01/02/85	20.1	911.9	
		02/01/85	20.8	911.2	
		03/01/85	21.9	910.1	
		04/01/85	22.2	909.8	
		05/01/85	22.2	909.8	
		06/03/85	22.2	909.8	
		07/01/85	23.9	908.1	
		08/01/85	23.9	908.1	
		09/03/85	25.3	906.7	
015/04W-29H02 S	937.1	10/01/84	24.3	912.8	5208
		12/03/84	27.6	909.5	
		01/02/85	22.2	914.9	
		02/01/85	20.3	916.8	
		03/01/85	20.9	916.2	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

Y SANTA ANA HB
Y-01 SANTA ANA RIVER HU
Y-01.8 MIDDLE SANTA ANA RIVER HA
Y-01.87 RIVERSIDE HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
01S/04W-29H02 S	937.1	04/01/85	21.5	915.6	5208
		05/01/85	21.5	915.6	
		09/03/85	26.0	911.1	
01S/04W-29001 S		12/14/84	NM-4		5208
01S/04W-29003 S	928.0	10/01/84	22.9	905.1	5208
		11/01/84	23.2	904.8	
		12/03/84	23.4	904.6	
		01/02/85	21.3	906.7	
		02/01/85	22.2	905.8	
		03/01/85	23.2	904.8	
		04/01/85	23.4	904.6	
		05/01/85	23.4	904.6	
		06/03/85	23.4	904.6	
		07/01/85	24.8	903.2	
		08/01/85	24.8	903.2	
		09/03/85	26.2	901.8	
01S/04W-29004 S	924.5	10/01/84	21.1	903.4	5208
		11/01/84	21.4	903.1	
		12/03/84	21.5	903.0	
		01/02/85	20.6	903.9	
		02/01/85	21.1	903.4	
		03/01/85	21.7	902.8	
		04/01/85	21.9	902.6	
		05/01/85	21.9	902.6	
		06/03/85	21.7	902.8	
		07/01/85	24.2	900.3	
		08/01/85	24.2	900.3	
		09/03/85	25.4	899.1	
01S/04W-29R01 S	931.0	10/01/84	23.0	908.0	5208
		12/03/84	23.4	907.6	
		01/02/85	22.3	908.7	
		02/01/85	23.2	907.8	
		03/01/85	23.8	907.2	
		04/01/85	23.2	907.8	
01S/04W-30006 S	985.9	11/07/84	113.0	872.9	2980
		05/07/85	112.0	873.9	
01S/04W-30P01 S	895.0	12/17/84	11.3	883.7	2980
		05/16/85	11.6	883.4	
01S/04W-32B01 S	917.0	12/20/84	21.3	895.7	2980
		05/16/85	20.2	896.8	
01S/04W-32B02 S	922.0	12/17/84	21.1	900.9	2980
		05/16/85	21.6	900.4	
01S/04W-32E07 S		12/17/84	NM-5		2980
		05/16/85	NM-5		
01S/04W-32E11 S	906.0	12/17/84	15.5	890.5	2980
		05/16/85	16.3	889.5	
01S/04W-32G04 S	917.8	12/17/84	26.0	891.8	2980
		05/16/85	26.4	891.4	
01S/04W-32M01 S	923.7	10/09/84	39.7	884.0	5783
		11/06/84	28.8	894.9	
		12/03/84	37.0	886.7	
		12/17/84	37.9	885.8	2980
		02/13/85	34.0	889.7	5783
		03/12/85	38.0	885.7	
		04/09/85	39.0	884.7	
		05/16/85	NM-1		2980
		07/10/85	45.0(1)	878.7	5783
		08/22/85	43.0	880.7	
01S/04W-32Q02 S	1011.3	12/17/84	132.6	878.7	2980
		05/16/85	132.0	879.3	
01S/04W-33B03 S	974.0	12/17/84	61.5	912.5	2980
		05/16/85	60.8	913.2	
01S/05W-23C01 S	1098.5	12/20/84	234.0	864.5	5208
01S/05W-23F01 S		12/20/84	NM-7		5208
01S/05W-23G01 S	1020.1	10/01/84	158.5	861.6	4124
		11/01/84	157.4	862.7	
		12/03/84	156.9	863.2	
		01/02/85	155.8	864.3	
		02/01/85	155.3	864.6	
		03/01/85	155.5	864.6	
		04/01/85	155.4	864.7	
		05/01/85	156.3	863.8	
		06/03/85	167.2(1)	852.9	
		07/01/85	174.2(1)	845.9	
		08/01/85	174.2	845.9	
		09/03/85	171.9(1)	848.2	
01S/05W-24E01 S	1070.0	01/03/85	196.7	873.3	2980
		05/16/85	196.5	873.5	
01S/05W-24M01 S	1060.0	05/23/85	156.0	904.0	4124
		08/01/85	174.0	886.0	
		09/03/85	175.0	885.0	
01S/05W-25A02 S	1009.0	01/03/85	132.2	876.8	2980
		05/07/85	135.1	873.9	
01S/05W-25A03 S	997.0	05/07/85	116.7	880.3	2980
01S/05W-25B02 S	998.9	05/16/85	124.1	874.8	2980
01S/05W-25L02 S	940.0	10/01/84	66.4	873.6	3368
01S/05W-25L02 S	940.0	11/01/84	80.4	859.6	3368
		12/01/84	77.4	862.6	
		01/02/85	80.4	859.6	
		02/01/85	68.4	871.6	
		04/01/85	68.4	871.6	
		05/01/85	74.4	865.6	
		05/16/85	79.0	861.0	2980
		06/01/85	77.4	862.6	3368
		07/02/85	78.4	861.6	
		08/01/85	77.4	862.6	
		09/01/85	87.4	852.6	
01S/05W-25R04 S	880.0	10/01/84	19.8	860.2	5208
		11/01/84	20.1	859.9	
		12/03/84	17.7	862.3	
		12/17/84	15.2	864.8	2980
		01/02/85	19.8	860.2	5208
		02/01/85	19.4	860.6	
		03/01/85	19.5	860.5	
		04/01/85	16.8	863.2	
		05/01/85	16.4	863.6	
		05/16/85	15.8	864.2	2980
		06/03/85	15.7	864.3	5208
		07/01/85	16.1	863.9	
		08/01/85	16.1	863.9	
		09/03/85	19.3	860.7	
01S/05W-33A01 S	1006.0	01/02/85	167.0	839.0	2980
		05/17/85	167.8	838.2	
01S/05W-33A02 S	1005.8	01/02/85	166.9	838.9	2980
		05/17/85	166.6	839.2	
01S/05W-33F01 S	1029.0	01/02/85	90.1	938.9	2980
		05/17/85	92.0	937.0	
01S/05W-33L01 S	1016.0	05/17/85	80.3	933.7	2980
01S/05W-34B02 S	985.0	10/01/84	160.0	825.0	4124
		11/01/84	161.0	824.0	
		12/03/84	160.2	824.8	
		01/02/85	160.0	825.0	
		02/01/85	159.2	825.8	
		03/01/85	159.0	826.0	
		04/01/85	158.7	826.3	
		05/01/85	158.5	826.5	
		05/23/85	156.0	829.0	
		06/03/85	159.1	825.9	
		07/01/85	160.0	825.0	
		08/01/85	159.7	825.3	
		09/03/85	160.0	825.0	
01S/05W-34J01 S	946.1	12/17/84	110.5	835.6	2980
		05/17/85	112.1	834.0	
01S/05W-34L02 S	958.7	12/17/84	121.8	836.9	2980
		05/16/85	123.1	835.6	
01S/05W-35D01 S	967.0	12/17/84	121.1	845.9	2980
		05/20/85	121.9	845.1	
01S/05W-35G02 S	920.0	12/17/84	74.5	845.5	2980
		05/16/85	75.5	844.5	
01S/05W-36C11 S	886.0	12/17/84	33.2	852.8	2980
		05/16/85	NM-1		
01S/05W-36L01 S		12/27/84	NM-4		5208
02S/04W-05C01 S	976.0	10/02/84	119.9(1)	856.1	3847
		10/09/84	120.7(1)	855.3	
		10/16/84	120.9(1)	855.1	
		10/23/84	120.2(1)	855.8	
		10/30/84	119.0(1)	857.0	
		11/06/84	118.6(1)	857.4	
		11/13/84	117.8(1)	858.2	
		11/20/84	118.0(1)	858.0	
		11/27/84	118.4(1)	857.6	
		12/04/84	118.0(1)	858.0	
		12/11/84	117.8(1)	858.2	
		12/18/84	118.9(1)	857.1	
		12/24/84	101.9	874.1	
		01/02/85	105.9	870.1	
		01/08/85	100.2	875.8	
		01/15/85	99.8	876.2	
		01/22/85	99.2	876.8	
		01/29/85	99.1	876.9	
		02/05/85	98.8	877.2	
		02/12/85	98.5	877.5	
		02/19/85	98.0	878.0	
		02/26/85	98.9	877.1	
		03/05/85	114.5(1)	861.5	
		03/12/85	116.1(1)	859.9	
		03/19/85	114.8(1)	861.2	
		03/26/85	115.8(1)	860.2	
		04/02/85	118.8(1)	857.2	
		04/09/85	116.8(1)	859.2	
		04/16/85	116.3(1)	859.7	
		04/23/85	116.8(1)	859.2	
		04/30/85	116.4(1)	859.6	
		05/07/85	116.8(1)	859.2	
		05/14/85	116.7(1)	859.3	
		05/21/85	117.8(1)	858.2	
		05/23/85	103.3	872.7	
		05/28/85	117.3(1)	858.7	
		07/02/85	119.2(1)	856.8	
		07/09/85	118.9(1)	857.1	
		07/15/85	119.3(1)	856.7	
		07/24/85	119.5(1)	856.5	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

Y SANTA ANA HB
Y-01 SANTA ANA RIVER HU
Y-01.8 MIDDLE SANTA ANA RIVER HA
Y-01.87 RIVERSIDE HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
02S/04W-05C01 S	976.0	07/31/85	118.3(1)	857.7	3847
		08/06/85	120.8(1)	855.2	
		08/13/85	120.3(1)	855.7	
		08/20/85	120.8(1)	855.2	
		08/27/85	120.8(1)	855.2	
		09/03/85	122.8(1)	853.2	
		09/10/85	123.8(1)	852.2	
		09/17/85	121.8(1)	854.2	
		09/24/85	122.9(1)	853.1	
02S/04W-05F01 S	983.5	12/17/84	113.1	870.4	2980
		05/16/85	112.0	871.5	
02S/04W-05N01 S	946.0	10/09/84	78.8(1)	867.2	5783
		11/06/84	79.1(1)	866.9	
		12/03/84	88.0(1)	858.0	
		02/13/85	79.0	867.0	
		03/12/85	86.0(1)	860.0	
		04/09/85	88.0(1)	858.0	
		07/10/85	95.0(1)	851.0	
		08/22/85	91.0(1)	855.0	
02S/04W-06K02 S		12/17/84	DRY		2980
	920.4	05/16/85	51.5	868.9	
02S/04W-06R05 S	947.8	12/17/84	82.8	865.0	2980
		05/16/85	81.4	866.4	
02S/04W-06R06 S	943.9	12/17/84	79.1	864.8	2980
		05/16/85	77.6	866.3	
02S/04W-07L01 S	883.1	01/02/85	62.5	820.6	5208
		02/01/85	62.3	820.8	
		03/01/85	56.9	826.2	
		04/01/85	55.9	827.2	
		05/01/85	55.9	827.2	
02S/04W-07N03 S	875.0	11/01/84	66.3	808.7	5208
		12/03/84	65.5	809.5	
		01/02/85	66.2	808.8	
		02/01/85	65.8	809.2	
		03/01/85	58.5	816.5	
		04/01/85	57.8	817.2	
		05/01/85	57.8	817.2	
		06/03/85	64.1	810.9	
		07/01/85	63.6	811.4	
		08/01/85	63.6	811.4	
		09/03/85	63.0	812.0	
02S/04W-08D04 S	964.7	12/21/84	101.2	863.5	5208
02S/04W-08E01 S	987.0	10/01/84	113.0	874.0	5208
		11/01/84	115.3	871.7	
		12/03/84	111.5	875.5	
		01/02/85	111.5	875.5	
		02/01/85	111.2	875.8	
		03/01/85	121.8	865.2	
		04/01/85	123.7	863.3	
		05/01/85	125.3	861.7	
		06/03/85	113.1	873.9	
		07/01/85	127.8	859.2	
		08/01/85	127.8	859.2	
		09/03/85	142.8	844.2	
02S/04W-08N01 S	1000.0	10/09/84	120.0(1)	880.0	5783
		11/06/84	110.0(1)	890.0	
		12/03/84	150.0(1)	850.0	
		02/13/85	141.0	859.0	
		03/12/85	149.0(1)	851.0	
		04/09/85	143.0	857.0	
		07/10/85	143.0(1)	857.0	
		08/22/85	146.0	854.0	
02S/04W-08M02 S	983.0	10/09/84	119.0(1)	864.0	5783
		11/06/84	109.0(1)	874.0	
		12/03/84	126.0	857.0	
		02/13/85	124.0	859.0	
		03/12/85	128.0(1)	855.0	
		04/09/85	130.0(1)	853.0	
		07/10/85	132.0(1)	851.0	
		08/22/85	128.0	855.0	
02S/04W-18E01 S	907.9	12/20/84	84.6	823.3	2980
		05/13/85	82.9	825.0	
02S/04W-19A01 S	994.0	12/20/84	169.8	824.2	2980
		05/13/85	168.9	825.1	
02S/04W-19E01 S	938.5	12/20/84	120.6	817.9	2980
		05/13/85	118.7	819.8	
02S/04W-19J02 S		05/13/85	NM-6		2980
02S/04W-19N02 S		12/20/84	NM-6		2980
02S/04W-29M01 S	1050.0	12/20/84	59.3	990.7	2980
		05/13/85	64.5	985.5	
02S/05W-01G01 S	854.6	12/17/84	20.0	834.6	5208
02S/05W-01G02 S	844.0	12/17/84	20.0	824.0	5208
02S/05W-01J03 S	845.0	12/17/84	15.5	829.5	5208
02S/05W-02F01 S	955.2	01/02/85	232.2	723.0	5713
		04/29/85	123.0	832.2	
		05/17/85	143.0	812.2	
		05/24/85	142.0	813.2	
		05/31/85	127.0	828.2	

Y SANTA ANA HB
Y-01 SANTA ANA RIVER HU
Y-01.8 MIDDLE SANTA ANA RIVER HA
Y-01.87 RIVERSIDE HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
02S/05W-02F01 S	955.2	06/07/85	121.5	833.7	5713
		06/14/85	135.5	819.7	
		06/21/85	132.8	822.4	
		06/28/85	130.8	824.4	
		07/05/85	122.5	832.7	
		07/12/85	134.2	821.0	
		07/19/85	121.7	833.5	
		07/26/85	123.3	831.9	
		08/23/85	120.4	834.8	
		09/26/85	130.0	825.2	
02S/05W-02L01 S	896.2	06/28/85	76.0	820.2	5713
		07/05/85	75.3	820.9	
		07/12/85	73.5	822.7	
		07/19/85	75.2	821.0	
		07/26/85	73.7	822.5	
		08/23/85	74.3	821.9	
		09/26/85	75.4	820.8	
02S/05W-02L02 S	909.0	06/28/85	86.0	823.0	5713
		07/05/85	86.3	822.7	
		07/12/85	85.0	824.0	
		07/19/85	85.5	823.5	
		07/26/85	84.9	824.1	
		08/23/85	84.9	824.1	
		09/26/85	85.7	823.3	
02S/05W-02M05 S	894.1	06/28/85	76.3	817.8	5713
		07/05/85	76.0	818.1	
		07/12/85	75.5	818.6	
		07/19/85	74.5	819.6	
		07/26/85	74.1	820.0	
		08/23/85	72.8	821.3	
		09/26/85	73.4	820.7	
02S/05W-02Q07 S	826.0	10/01/84	17.4	808.6	5208
		12/27/84	NM-4		
02S/05W-03A01 S	953.4	12/17/84	121.6	831.8	2980
		05/17/85	118.1	835.3	
02S/05W-03G02 S	904.4	06/28/85	84.0	820.4	5713
		07/05/85	76.8	827.6	
		07/12/85	81.6	822.8	
		07/19/85	83.9	820.5	
		07/26/85	75.3	829.1	
		08/23/85	75.2	829.2	
		09/26/85	79.2	825.2	
02S/05W-08G01 S	903.0	01/02/85	142.1	760.9	2980
		05/17/85	NM-1		
02S/05W-08G04 S	903.7	01/02/85	142.9	760.8	2980
		05/17/85	NM-1		
02S/05W-08K02 S		01/02/85	NM-6		2980
02S/05W-10G07 S	842.0	01/02/85	47.8	794.2	2980
		05/15/85	47.6	794.4	
02S/05W-10L05 S	867.7	01/02/85	78.6	789.1	2980
		05/15/85	77.4	790.3	
02S/05W-10P01 S	857.5	01/03/85	74.4	783.1	2980
		05/20/85	74.9	782.6	
02S/05W-11K02 S	817.0	01/02/85	9.2	807.8	2980
		05/14/85	10.3	806.7	
02S/05W-12A03 S	835.0	10/31/84	41.0	794.0	5208
		12/03/84	12.0	823.0	
		01/02/85	12.0	823.0	
		02/01/85	12.5	822.5	
		03/01/85	8.1	826.9	
		04/01/85	12.5	822.5	
		05/01/85	11.9	823.1	
		09/03/85	34.9	800.1	
02S/05W-12B01 S	833.8	11/01/84	23.7	810.1	5208
		12/27/84	NM-4		
		06/03/85	17.6	816.2	
02S/05W-12K02 S	836.2	10/01/84	26.0	810.2	5208
		12/03/84	13.0	823.2	
		01/02/85	13.0	823.2	
		03/31/85	.8	835.4	
02S/05W-12P01 S	823.2	10/01/84	21.2	802.0	5208
		11/01/84	27.5	795.7	
		12/03/84	21.9	801.3	
		01/02/85	10.9	812.3	
		02/01/85	10.6	812.6	
		03/31/85	10.9	812.3	
		04/01/85	10.2	813.0	
		05/01/85	10.1	813.1	
02S/05W-12P02 S	818.0	12/21/84	9.5	808.5	5208
02S/05W-13Q02 S	880.0	11/01/84	86.5	793.5	5208
		01/02/85	86.2	793.8	
		02/01/85	85.8	794.2	
		03/01/85	85.5	794.5	
		04/01/85	83.3	796.7	
		05/01/85	83.5	796.5	
		06/03/85	84.2	795.8	
		07/01/85	83.2	796.8	
		08/31/85	83.2	796.8	
		09/03/85	83.8	796.2	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y SANTA ANA HB					
Y-01 SANTA ANA RIVER HU					
Y-01.8 MIDDLE SANTA ANA RIVER HA					
Y-01.87 RIVERSIDE HSA					
02S/05W-14E01 S	770.0	12/17/84	8.0	762.0	5208
02S/05W-14G02 S	785.0	12/17/84	9.0	776.0	5208
02S/05W-15M01 S	775.1	01/03/85	12.2	762.9	2980
		05/20/85	14.1	761.0	
02S/05W-16G04 S	774.1	01/03/85	11.4	762.7	2980
		05/20/85	12.7	761.4	
02S/05W-16R01 S	767.5	01/02/85	8.1	759.4	2980
		05/14/85	9.3	758.2	
02S/05W-17A02 S	825.0	01/02/85	69.3	755.7	2980
		05/17/85	69.3	755.7	
02S/05W-17K01 S	809.0	01/02/85	56.2	752.8	2980
		05/15/85	58.4	750.6	
02S/05W-17L01 S	853.0	01/02/85	45.8	807.2	2980
		05/15/85	47.4	805.6	
02S/05W-17R01 S	770.0	01/03/85	12.8	757.2	2980
		05/20/85	16.8	753.2	
02S/05W-20J02 S	740.0	01/03/85	3.4	736.6	2980
		05/20/85	5.7	734.3	
02S/05W-20J03 S	735.7	01/02/85	2.2	733.5	2980
		05/17/85	3.6	732.1	
02S/05W-20K01 S	767.0	01/02/85	32.0	735.0	2980
		05/17/85	32.5	734.5	
02S/05W-20K03 S	768.3	01/02/85	34.0	734.3	2980
		05/17/85	34.3	734.0	
02S/05W-21E01 S	747.3	01/02/85	5.4	741.9	2980
		05/15/85	7.1	740.2	
02S/05W-22Q01 S	763.8	03/02/85	4.4	759.4	2980
		05/17/85	5.6	758.2	
02S/05W-22R01 S	793.6	12/20/84	23.7	769.9	2980
		05/13/85	19.7	773.9	
02S/05W-22R02 S	795.0	12/20/84	24.7	770.3	2980
		05/13/85	20.4	774.6	
02S/05W-23F01 S	843.8	12/20/84	66.7	777.1	2980
		05/14/85	62.8	781.0	
02S/05W-23J01 S	869.4	10/01/84	44.0	825.4	5208
		11/01/84	95.0	774.4	
		12/03/84	97.8	771.6	
		01/02/85	101.3	768.1	
		02/01/85	88.0	781.4	
		03/01/85	84.7	784.7	
		04/01/85	86.7	782.7	
		05/01/85	87.1	782.3	
		06/03/85	86.0	783.4	
		07/01/85	96.2	773.2	
		08/01/85	96.2	773.2	
		09/01/85	98.5	770.9	
02S/05W-23Q01 S	854.9	10/01/84	71.6	783.3	5208
		12/28/84	74.9	780.0	
02S/05W-23Q03 S	860.0	10/01/84	81.0	779.0	5208
		12/28/84	87.0	773.0	
02S/05W-23R01 S	864.2	09/04/85	95.7	768.5	5208
02S/05W-24Q01 S	873.7	01/02/85	88.6	785.1	5208
		02/01/85	88.0	785.7	
		03/01/85	85.6	788.1	
		04/01/85	87.1	786.6	
		05/01/85	87.5	786.2	
		06/03/85	88.2	785.5	
		07/01/85	87.2	786.5	
		08/01/85	87.2	786.5	
		09/03/85	87.5	786.2	
02S/05W-25A01 S	948.4	12/20/84	157.4	791.0	2980
		05/13/85	155.2	793.2	
02S/05W-25F01 S	908.0	12/17/84	131.1	776.9	5208
02S/05W-26E02 S	820.0	10/02/84	68.2(1)	751.8	3847
		10/09/84	72.4(1)	747.6	
		10/16/84	71.5(1)	748.5	
		10/23/84	71.7(1)	748.3	
		10/30/84	73.1(1)	746.9	
		11/06/84	71.5(1)	748.5	
		11/13/84	49.4	770.6	
		11/20/84	72.7(1)	747.3	
		11/27/84	73.8(1)	746.2	
		12/04/84	73.7(1)	746.3	
		12/11/84	70.4(1)	749.6	
		12/18/84	47.5	772.5	
		12/24/84	45.9	774.1	
		01/02/85	45.5	774.5	
		01/08/85	45.1	774.9	
		01/15/85	44.5	775.5	
		01/22/85	44.1	775.9	
		01/29/85	43.9	776.1	
		02/05/85	43.5	776.5	
		02/12/85	43.1	776.9	
		02/19/85	42.9	777.1	
Y SANTA ANA HB					
Y-01 SANTA ANA RIVER HU					
Y-01.8 MIDDLE SANTA ANA RIVER HA					
Y-01.87 RIVERSIDE HSA					
02S/05W-26E02 S	820.0	02/26/85	66.3(1)	753.7	3847
		03/05/85	44.1	775.9	
		03/12/85	43.5	776.5	
		03/19/85	42.7	777.3	
		03/26/85	66.5(1)	753.5	
		04/02/85	44.5	775.5	
		04/09/85	44.5	775.5	
		04/16/85	42.9	777.1	
		04/23/85	43.5	776.5	
		04/30/85	43.2	776.8	
		05/07/85	42.3	777.7	
		05/14/85	42.3	777.7	
		05/21/85	42.5	777.5	
		05/28/85	42.8	777.2	
		08/07/85	67.5(1)	752.5	
		08/13/85	67.2(1)	752.8	
		08/20/85	47.5	772.5	
		08/27/85	68.5(1)	751.5	
		09/03/85	69.5(1)	750.5	
		09/10/85	66.5(1)	753.5	
		09/17/85	69.5(1)	750.5	
		09/24/85	45.5	774.5	
02S/05W-26F01 S	810.0	10/02/84	52.4(1)	757.6	3847
		10/09/84	54.1(1)	755.9	
		10/16/84	53.6(1)	756.4	
		10/23/84	54.5(1)	755.5	
		10/30/84	55.3(1)	754.7	
		11/06/84	44.7	765.3	
		11/13/84	41.4	768.6	
		11/17/84	35.3	774.7	
		11/20/84	55.3(1)	754.7	
		11/27/84	56.1(1)	753.9	
		12/04/84	55.6(1)	754.4	
		12/11/84	41.4	768.6	
		12/18/84	38.4	771.6	
		12/24/84	39.4	770.6	
		01/02/85	38.5	771.5	
		01/08/85	37.7	772.3	
		01/15/85	37.1	772.9	
		01/22/85	37.2	772.8	
		01/29/85	36.4	773.6	
		02/04/85	36.0	774.0	
		02/12/85	35.6	774.4	
		02/19/85	35.7	774.3	
		02/26/85	36.5	773.5	
		03/05/85	35.7	774.3	
		03/12/85	36.7	773.3	
		03/19/85	35.1	774.9	
		03/26/85	50.4(1)	759.6	
		04/02/85	36.3	773.7	
		04/09/85	36.1	773.9	
		04/16/85	35.3	774.7	
		04/23/85	36.5	773.5	
		04/30/85	35.5	774.5	
		05/07/85	34.7	775.3	
		05/14/85	34.5	775.5	
		05/21/85	35.3	774.7	
		05/28/85	47.4(1)	762.6	
		07/02/85	49.7(1)	760.3	
		07/09/85	47.7(1)	762.3	
		07/16/85	38.5	771.5	
		07/24/85	37.5	772.5	
		07/31/85	49.3(1)	760.7	
		08/07/85	50.3(1)	759.7	
		08/13/85	51.2(1)	758.8	
		08/20/85	50.3(1)	759.7	
		08/27/85	51.3(1)	758.7	
		09/03/85	51.4(1)	758.6	
		09/10/85	38.3	771.7	
		09/17/85	51.3(1)	758.7	
		09/24/85	37.4	772.6	
02S/05W-26H01 S	820.0	10/02/84	54.0(1)	766.0	3847
		10/09/84	53.5(1)	766.5	
		10/16/84	54.4(1)	765.6	
		10/23/84	54.8(1)	765.2	
		10/30/84	56.2(1)	763.8	
		11/06/84	45.1	774.9	
		11/13/84	42.5	777.5	
		11/20/84	56.7(1)	763.3	
		11/27/84	56.9(1)	763.1	
		12/04/84	56.6(1)	763.4	
		12/11/84	43.0	777.0	
		12/18/84	40.3	779.7	
		12/24/84	40.4	779.6	
		01/02/85	40.3	779.7	
		01/08/85	39.2	780.8	
		01/15/85	38.7	781.3	
		01/22/85	38.3	781.7	
		01/29/85	37.9	782.1	
		02/05/85	37.6	782.4	
		02/12/85	37.2	782.8	
		02/19/85	37.0	783.0	
		02/26/85	49.4(1)	770.6	
		03/05/85	37.4	782.6	
		03/12/85	38.6	781.4	
		03/19/85	36.7	783.3	
		03/26/85	52.3(1)	767.7	
		04/02/85	38.3	781.7	
		04/09/85	38.3	781.7	
		04/16/85	37.0	783.0	
		04/23/85	38.3	781.7	
		04/30/85	37.2	782.8	
		05/07/85	36.4	783.6	
		05/14/85	36.4	783.6	
		05/21/85	37.3	782.7	
		05/28/85	49.3(1)	770.7	
		07/02/85	50.6(1)	769.4	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y SANTA ANA HA					
Y-01 SANTA ANA RIVER HU					
Y-01.8 MIDDLE SANTA ANA RIVER HA					
Y-01.87 RIVERSIDE HSA					
02S/05W-26M01 S	820.0	07/09/85	38.4	781.6	3847
		07/16/85	39.5	780.5	
		07/24/85	38.6	781.4	
		07/31/85	52.3(1)	767.7	
		08/07/85	52.3(1)	767.7	
		08/13/85	51.5(1)	768.5	
		08/20/85	52.3(1)	767.7	
		08/27/85	53.4(1)	766.6	
		09/03/85	54.3(1)	765.7	
		09/10/85	42.3(1)	777.7	
		09/17/85	54.2(1)	765.8	
		09/24/85	40.3	779.7	
02S/05W-28A01 S	762.8	12/28/84	9.9	752.9	5208
02S/05W-29E02 S	717.3	01/03/85	4.2	713.1	2980
		05/17/85	6.2	711.1	
02S/05W-29E06 S	738.3	01/03/85	24.9	713.4	2980
		05/17/85	24.9	713.4	
02S/05W-32A01 S		12/20/84	HM-6		2980
02S/05W-32B01 S	780.1	12/20/84	46.7	733.4	2980
		05/13/85	46.8	733.3	
03S/05W-03F01 S	880.0	10/01/84	111.5	768.5	5208
		11/01/84	111.9	768.1	
		12/03/84	112.2	767.8	
		12/28/84	111.5	768.5	
		01/02/85	111.5	768.5	
		02/01/85	112.5	767.5	
		03/01/85	112.3	767.7	
		04/01/85	112.2	767.8	
		05/01/85	112.6	767.4	
		06/03/85	112.2	767.8	
		07/01/85	112.1	767.9	
		08/01/85	112.1	767.9	
		09/03/85	112.3	767.7	
Y-01.C LAKE MATHEWS HA					
Y-01.C1 COLOWATER HSA					
05S/06W-02P01 S	1110.3	10/06/84	78.1	1032.2	5717
		11/05/84	77.3	1033.0	
		12/05/84	79.6	1030.7	
		01/06/85	78.3	1032.0	
		02/06/85	82.3	1028.0	
		03/05/85	82.3	1028.0	
		04/07/85	83.8(1)	1026.5	
		05/05/85	81.3	1029.0	
		06/06/85	82.8	1027.5	
		07/07/85	102.3(1)	1008.0	
		09/08/85	87.8	1022.5	
05S/06W-03G01 S	1100.0	10/06/84	42.5	1057.5	5717
		11/05/84	45.0	1055.0	
		12/05/84	32.8	1067.2	
		01/06/85	34.0	1066.0	
		02/06/85	34.5	1065.5	
		03/05/85	34.3	1065.7	
		04/07/85	39.5	1060.5	
		05/05/85	35.0	1065.0	
		06/06/85	37.0	1063.0	
		07/07/85	43.0	1057.0	
		08/05/85	46.3	1053.7	
		09/08/85	61.0	1039.0	
05S/06W-03G05 S	1101.0	10/06/84	69.0	1032.0	5717
		11/05/84	89.7(1)	1011.3	
		12/05/84	75.0	1026.0	
		01/06/85	70.0	1031.0	
		02/06/85	67.8	1033.2	
		03/05/85	77.5(1)	1023.5	
		04/07/85	72.0	1029.0	
		05/05/85	78.0	1023.0	
		06/06/85	94.0(1)	1007.0	
		07/07/85	91.3	1009.7	
		08/05/85	98.3	1002.7	
		09/08/85	105.0	996.0	
05S/06W-03J01 S	1110.0	10/06/84	76.3	1033.7	5717
		11/05/84	89.0(1)	1021.0	
		12/05/84	80.3	1029.7	
		01/06/85	76.3	1033.7	
		02/06/85	74.8	1035.2	
		03/05/85	77.0	1033.0	
		04/07/85	79.5	1030.5	
		05/05/85	85.8	1024.2	
		06/06/85	101.5(1)	1008.5	
		07/07/85	98.0	1012.0	
		08/05/85	105.8	1004.2	
		09/08/85	112.3	997.7	
05S/06W-03J04 S	1115.0	10/07/84	95.0(1)	1020.0	5272
		11/14/84	99.0	1016.0	
		12/17/84	198.0	917.0	
		01/18/85	93.0	1022.0	
		02/07/85	93.0	1022.0	
		03/06/85	92.0	1023.0	
		04/09/85	99.0	1016.0	
		05/14/85	115.0	1000.0	
		06/15/85	96.0	1019.0	
		07/23/85	119.0	996.0	
		08/11/85	127.0	988.0	
		09/09/85	136.0	979.0	
05S/06W-03K01 S	1122.0	10/07/84	117.0	1005.0	5272
		11/14/84	119.0(1)	1003.0	

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y SANTA ANA HA					
Y-01 SANTA ANA RIVER HU					
Y-01.C LAKE MATHEWS HA					
Y-01.C1 COLOWATER HSA					
05S/06W-03K01 S	1122.0	12/17/84	114.0	1008.0	5272
		01/18/85	112.0	1010.0	
		02/07/85	102.0	1020.0	
		03/06/85	114.0	1008.0	
		04/09/85	111.0	1011.0	
		05/14/85	121.0	1001.0	
		06/15/85	114.0	1008.0	
		07/23/85	132.0	990.0	
		08/11/85	134.0	984.0	
		09/09/85	148.0	974.0	
05S/06W-03Q01 S	1285.0	11/14/84	135.0(1)	1150.0	5272
		12/17/84	128.0	1157.0	
		01/18/85	132.0	1153.0	
		02/07/85	128.0	1157.0	
		03/06/85	106.0	1179.0	
		04/09/85	134.0	1151.0	
		05/14/85	134.0	1151.0	
		06/15/85	128.0	1157.0	
		07/23/85	154.0	1131.0	
		08/11/85	161.0	1124.0	
		09/09/85	166.0	1119.0	
05S/06W-11F02 S	1225.0	10/06/84	190.0	1035.0	5717
		11/05/84	221.5(1)	1003.5	
		12/05/84	197.3	1027.7	
		01/06/85	194.3	1030.7	
		02/06/85	204.5(4)	1020.5	
		03/05/85	192.0	1033.0	
		04/07/85	222.5(1)	1002.5	
		05/05/85	223.3(1)	1001.7	
		06/06/85	236.3(1)	988.7	
		07/07/85	228.7(1)	996.3	
		08/05/85	229.8(1)	995.2	
Y-01.C2 BEDFORD HSA					
04S/06W-16B01 S	840.0	10/06/84	17.3	822.7	5717
		11/05/84	18.3	821.7	
		12/05/84	12.3	827.7	
		01/06/85	10.0	830.0	
		02/06/85	9.8	830.2	
		03/05/85	10.3	829.7	
		03/07/85	9.3	830.7	
		05/05/85	12.0	828.0	
		07/07/85	17.5	822.5	
		08/05/85	17.8	822.2	
		09/08/85	24.3	815.7	
04S/06W-16C01 S	781.0	10/07/84	38.5(1)	742.5	5272
		11/14/84	39.0(1)	742.0	
		12/17/84	26.0	755.0	
		01/18/85	25.0	756.0	
		02/07/85	34.0	747.0	
		03/06/85	36.0	745.0	
		04/09/85	35.0	746.0	
		05/14/85	20.0	761.0	
		06/15/85	24.0	757.0	
		07/23/85	48.0	733.0	
		08/11/85	53.0	728.0	
		09/09/85	54.0	727.0	
04S/06W-16C02 S	790.0	10/06/84	39.8(1)	750.2	5717
		11/05/84	42.2(1)	747.8	
		12/05/84	15.8	774.2	
		01/06/85	13.0	777.0	
		02/06/85	12.8	777.2	
		03/05/85	29.3(1)	760.7	
		03/07/85	12.5	777.5	
		04/07/85	12.5	777.5	
		05/05/85	15.0	775.0	
		07/07/85	38.0(1)	752.0	
		08/05/85	38.5(1)	751.5	
		09/08/85	23.0	767.0	
04S/06W-16F01 S	800.0	10/06/84	18.3(1)	781.7	5717
		11/05/84	19.0	781.0	
		12/05/84	10.5	789.5	
		01/06/85	8.0	792.0	
		02/06/85	8.0	792.0	
		03/05/85	8.3	791.7	
		03/07/85	7.8	792.2	
		05/05/85	10.0	790.0	
		07/07/85	16.8(1)	783.2	
		08/05/85	16.8(1)	783.2	
		09/08/85	23.0(1)	777.0	
04S/06W-22P01 S	896.0	10/01/84	26.0	870.0	4701
		11/01/84	27.0(1)	869.0	
		12/03/84	26.0	870.0	
		01/02/85	24.0	872.0	
		02/01/85	25.0	871.0	
		03/01/85	25.0	871.0	
		04/01/85	25.0(1)	871.0	
		06/03/85	28.0	868.0	
		07/01/85	28.0	868.0	
		08/01/85	30.5(1)	866.0	
		09/03/85	31.0(1)	865.0	
04S/06W-22P03 S	896.0	10/01/84	24.0	872.0	4701
		11/01/84	24.0(1)	872.0	
		12/03/84	25.0	871.0	
		01/02/85	23.0	873.0	
		02/01/85	24.0	872.0	
		03/01/85	24.0	872.0	
		04/01/85	24.0(1)	872.0	
		06/03/85	26.0	870.0	
		07/01/85	28.0	868.0	
		08/01/85	30.0(1)	866.0	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y SANTA ANA HB					
Y-01 SANTA ANA RIVER NU					
Y-01.C LAKE MATHEWS HA					
Y-01.C2 BEDFORD HSA					
04S/06W-22P03 S	896.0	09/03/85	30.0(1)	866.0	4701
04S/06W-22P04 S	880.0	10/01/84	26.0	854.0	4701
		11/01/84	27.0(1)	853.0	
		12/03/84	25.0	855.0	
		01/02/85	24.0	856.0	
		02/01/85	25.0	855.0	
		03/01/85	24.0	856.0	
		04/01/85	24.0(1)	856.0	
		06/03/85	28.0	852.0	
		07/01/85	30.0	850.0	
		08/01/85	29.0(1)	851.0	
		09/03/85	29.0(1)	851.0	
04S/06W-27C01 S	912.0	10/01/84	52.0	860.0	4701
		11/01/84	53.0	859.0	
		12/03/84	51.0	861.0	
		01/02/85	49.0	863.0	
		02/01/85	42.0	870.0	
		03/01/85	48.0	864.0	
		04/01/85	48.0	864.0	
		06/03/85	48.0	864.0	
		07/01/85	50.0	862.0	
		08/01/85	54.0	858.0	
		09/03/85	54.0	858.0	
04S/06W-27C02 S	920.0	10/01/84	64.0(1)	856.0	4701
		11/01/84	65.0(1)	855.0	
		12/03/84	59.0	861.0	
		01/02/85	57.0	863.0	
		02/01/85	56.0	864.0	
		03/01/85	57.0	863.0	
		04/01/85	57.0(1)	863.0	
		06/03/85	60.0(1)	860.0	
		07/01/85	67.0(1)	853.0	
		08/01/85	64.0(1)	856.0	
		09/03/85	66.0	854.0	
04S/06W-27C03 S	908.0	10/01/84	46.0	862.0	4701
		11/01/84	45.0	863.0	
		12/03/84	43.0	865.0	
		01/02/85	40.0	868.0	
		02/01/85	40.0	868.0	
		03/01/85	39.0	869.0	
		04/01/85	39.0	869.0	
		06/03/85	40.0	868.0	
		07/01/85	42.0	866.0	
		08/01/85	46.0	862.0	
		09/03/85	46.0	862.0	
04S/06W-27C04 S	900.0	10/01/84	44.0	856.0	4701
		11/01/84	46.0(1)	854.0	
		12/03/84	36.0	864.0	
		01/02/85	39.0	861.0	
		02/01/85	39.0	861.0	
		03/01/85	39.0	861.0	
		04/01/85	39.0(1)	861.0	
		06/03/85	39.0	861.0	
		07/01/85	47.0	853.0	
		08/01/85	47.0(1)	853.0	
		09/03/85	48.0(1)	852.0	
04S/06W-33A01 S	1176.0	10/01/84	73.0(1)	1103.0	4701
		11/01/84	75.0	1101.0	
		12/03/84	70.0	1106.0	
		01/02/85	78.0(1)	1098.0	
		02/01/85	72.0	1104.0	
		03/01/85	71.0(1)	1105.0	
		04/01/85	72.0	1104.0	
		06/03/85	70.0(1)	1106.0	
		07/01/85	82.0(1)	1094.0	
		08/01/85	85.0	1091.0	
		09/03/85	77.0	1099.0	
04S/06W-33B01 S	1160.0	10/01/84	298.0	862.0	4701
		11/01/84	186.0	974.0	
		12/03/84	165.0	995.0	
		01/02/85	160.0	1000.0	
		02/01/85	165.0	995.0	
		03/01/85	142.0	1018.0	
		04/01/85	144.0	1016.0	
		06/03/85	136.0	1024.0	
		07/01/85	156.0	1004.0	
		08/01/85	82.0(1)	1078.0	
		09/01/85	240.0(1)	920.0	
04S/06W-35G01 S	956.0	10/06/84	12.5	943.5	5717
		11/05/84	13.7	942.3	
		12/05/84	14.5	941.5	
		01/06/85	11.0	945.0	
		02/06/85	10.0	946.0	
		03/05/85	9.3	946.7	
		03/07/85	9.3	946.7	
		05/05/85	10.5	945.5	
		06/06/85	11.3	944.7	
		07/07/85	13.8	942.2	
		08/05/85	15.3	940.7	
		09/08/85	18.0	938.0	
04S/06W-35G02 S	956.0	10/06/84	13.0	943.0	5717
		11/05/84	14.5	941.5	
		12/05/84	14.3	941.7	
		01/06/85	11.5	944.5	
		02/06/85	10.3	945.7	
		03/05/85	9.5	946.5	
		03/07/85	9.5	946.5	
		05/05/85	10.3	945.7	
		06/06/85	11.5	944.5	
		07/07/85	14.5	941.5	
Y SANTA ANA HB					
Y-01 SANTA ANA RIVER NU					
Y-01.C LAKE MATHEWS HA					
Y-01.C2 BEDFORD HSA					
04S/06W-35G02 S	956.0	08/05/85	15.5	940.5	5717
		09/08/85	18.0	938.0	
Y-01.C4 LEE LAKE HSA					
05S/05W-07C01 S	1095.0	10/06/84	31.5(1)	1063.5	5717
		11/05/84	31.5(1)	1063.5	
		12/05/84	8.3	1086.7	
		01/06/85	7.8	1087.2	
		02/06/85	7.5	1087.5	
		03/05/85	27.0(1)	1068.0	
		03/07/85	7.8	1087.2	
		05/05/85	27.5(1)	1067.5	
		06/06/85	26.0(1)	1069.0	
		07/07/85	25.5(1)	1069.5	
		08/05/85	26.5(1)	1068.5	
		09/08/85	26.3(1)	1068.7	
05S/05W-07E01 S	1095.0	10/06/84	93.3	1002.7	5717
		11/05/84	93.3	1002.7	
		12/05/84	92.0	1004.0	
		01/06/85	91.3	1004.7	
		02/06/85	91.5	1004.5	
		03/05/85	92.0	1004.0	
		03/07/85	91.3	1004.7	
		05/05/85	92.0	1004.0	
		06/06/85	92.0	1004.0	
		07/07/85	95.7	1000.3	
		08/05/85	92.8	1003.2	
		09/08/85	92.3	1003.7	
05S/05W-08N01 S	1175.0	10/06/84	40.3	1134.7	5717
		11/05/84	59.0(1)	1116.0	
		12/05/84	34.0	1141.0	
		01/06/85	29.3	1145.7	
		02/06/85	27.5	1147.5	
		03/05/85	24.8	1150.2	
		03/07/85	24.5	1150.5	
		05/05/85	44.0(1)	1131.0	
		06/06/85	53.0(1)	1122.0	
		07/07/85	66.0(1)	1109.0	
		08/05/85	74.3(1)	1100.7	
		09/05/85	69.8(1)	1105.2	
05S/05W-08N02 S	1146.0	10/06/84	44.0(1)	1102.0	5717
		11/05/84	44.5(1)	1101.5	
		12/05/84	36.8	1109.2	
		01/06/85	32.3	1113.7	
		02/06/85	29.5	1116.5	
		03/05/85	28.5	1117.5	
		03/07/85	27.0	1119.0	
		05/05/85	27.8	1118.2	
		06/06/85	31.8	1114.2	
		07/07/85	39.4(1)	1106.6	
		08/05/85	44.0(1)	1102.0	
		09/08/85	45.3(1)	1100.7	
05S/05W-08P01 S	1190.0	10/06/84	64.5(1)	1125.5	5717
		11/05/84	66.0(1)	1124.0	
		12/05/84	42.5	1147.5	
		01/06/85	38.0	1152.0	
		02/06/85	36.0	1154.0	
		03/05/85	33.5	1156.5	
		03/07/85	34.0	1156.0	
		05/05/85	36.3	1153.7	
		06/06/85	41.3	1148.7	
		07/07/85	63.5(1)	1126.5	
		08/05/85	66.5(1)	1123.5	
		09/08/85	54.5	1135.5	
05S/05W-08P02 S	1162.0	10/06/84	39.5	1122.5	5717
		11/05/84	54.0(1)	1108.0	
		12/05/84	35.5	1126.5	
		01/06/85	27.8	1134.2	
		02/06/85	25.3	1136.7	
		03/05/85	31.0	1131.0	
		03/07/85	23.3	1138.7	
		05/05/85	29.0	1133.0	
		06/06/85	48.5(1)	1113.5	
		07/07/85	54.8(1)	1107.2	
		08/05/85	60.8(1)	1101.2	
		09/09/85	45.8(1)	1116.2	
05S/05W-08P03 S	1160.0	10/06/84	64.0(1)	1096.0	5717
		11/05/84	54.5(1)	1105.5	
		12/05/84	51.0	1109.0	
		01/06/85	45.5	1114.5	
		02/06/85	50.5	1109.5	
		03/05/85	49.0	1111.0	
		03/07/85	42.0	1118.0	
		05/05/85	54.8	1105.2	
		06/06/85	61.8(1)	1098.2	
		07/07/85	67.0(1)	1093.0	
		08/05/85	77.5(1)	1082.5	
		09/08/85	69.0(1)	1091.0	
Y-01.0 COLTON-RIALTO HA					
Y-01.02 LOWER LYTLE HSA					
01N/05W-06G01 S	2242.5	11/24/84	73.1	2169.4	4706
		04/30/85	71.2	2171.3	
		07/30/85	93.9(1)	2148.6	
		08/15/85	88.3(1)	2154.2	
		09/03/85	87.0(1)	2155.5	
01N/05W-06K02 S		11/29/84	NM-7		4706
		08/15/85	NM-7		
01N/05W-07H01 S	2065.5	11/29/84	100.5	1965.0	4706

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
T SANTA ANA HB					
Y-01 SANTA ANA RIVER MU					
Y-01.0 COLTON-RIALTO MA					
Y-01.02 LOWER LYTLE MSA					
01N/05W-07M01 S	2065.5	04/30/85	87.2	1978.3	4706
		07/30/85	110.0	1955.5	
		08/15/85	104.5	1961.0	
		09/03/85	114.0(1)	1951.5	
01N/05W-16K01 S	1720.0	11/29/84	240.6	1479.4	4706
		04/10/85	241.9	1478.1	
		08/15/85	NM-7		
01N/05W-22C02 S	1591.5	11/29/84	140.7	1450.8	4706
		04/01/85	140.4	1451.1	
		07/19/85	190.7(1)	1400.8	
		07/30/85	192.7(1)	1398.8	
		08/15/85	199.7(1)	1391.8	
		09/03/85	204.2(1)	1387.3	
01N/05W-22F01 S	1596.5	11/29/84	147.5	1449.0	4706
		04/17/85	146.7	1449.8	
		07/30/85	223.3(1)	1373.2	
		08/15/85	215.5(1)	1381.0	
		09/03/85	222.4(1)	1374.1	
01N/05W-22F02 S	1583.0	11/01/84	131.5	1451.5	4706
		04/01/85	131.5	1451.5	
		07/19/85	182.3(1)	1400.7	
		07/30/85	187.8(1)	1395.2	
		08/15/85	186.6(1)	1396.4	
		09/03/85	203.8(1)	1379.2	
01N/05W-22F03 S	1577.7	11/29/84	130.0	1447.7	4706
		04/01/85	121.3	1456.4	
01N/05W-23P04 S	1470.0	10/01/84	30.5	1439.5	4124
		11/01/84	63.5(1)	1406.5	
		12/03/84	63.2(1)	1406.8	
		05/01/85	40.0	1430.0	
		06/03/85	41.3	1428.7	
		06/20/85	115.0(1)	1355.0	
		07/01/85	63.5	1406.5	
		08/01/85	101.0(1)	1369.0	
		09/03/85	105.0(1)	1365.0	
Y-01.03 RIALTO MSA					
01N/05W-17G01 S	1850.0	10/01/84	75.6	1774.4	4124
		12/03/84	61.2	1788.8	
		01/02/85	58.8	1791.2	
		02/01/85	57.2	1792.8	
		03/01/85	57.7	1792.3	
		04/01/85	57.2	1792.8	
		05/01/85	61.2	1788.8	
		05/10/85	58.0	1792.0	
		06/03/85	61.0	1789.0	
		07/01/85	59.5	1790.5	
		08/01/85	59.3	1790.7	
		09/03/85	58.6	1791.4	
01N/05W-17K01 S	1854.1	10/01/84	56.5	1797.6	4124
		11/01/84	55.1	1799.0	
		12/03/84	52.5	1801.6	
		01/02/85	52.7	1801.4	
		02/01/85	49.2	1804.9	
		03/01/85	53.6	1800.5	
		04/01/85	50.7	1803.4	
		05/01/85	50.6	1803.5	
		05/10/85	53.0	1801.1	
		06/03/85	52.0	1802.1	
		07/01/85	51.7	1802.4	
		08/01/85	51.0	1803.1	
		09/03/85	52.7	1801.4	
01N/05W-17K02 S	1852.6	10/01/84	66.1	1786.5	4124
		11/01/84	82.3(1)	1770.3	
		12/03/84	55.1	1797.5	
		01/02/85	81.7(1)	1770.9	
		02/01/85	52.7	1799.9	
		03/01/85	61.5	1791.1	
		04/01/85	51.2	1801.4	
		05/01/85	55.7	1796.9	
		05/10/85	81.5(1)	1771.1	
		06/03/85	85.7(1)	1766.9	
		07/01/85	80.8(1)	1771.8	
		08/01/85	51.1(1)	1801.5	
		09/03/85	81.8(1)	1770.8	
01S/04W-16P04 S	1014.5	12/14/84	98.2	916.3	5208
01S/04W-17G01 S	1046.2	12/14/84	130.0	916.2	5208
01S/04W-17R01 S	1013.3	12/14/84	96.0	917.3	5208
01S/05W-03N01 S	1302.0	10/01/84	280.0	1022.0	3368
		11/01/84	274.0	1028.0	
		12/01/84	274.0	1028.0	
		01/02/85	269.0	1033.0	
		02/01/85	269.0	1033.0	
		04/01/85	264.0	1038.0	
		05/01/85	262.0	1040.0	
		06/01/85	259.0	1043.0	
		07/02/85	259.0	1043.0	
		08/01/85	259.0	1043.0	
		09/01/85	265.0	1037.0	
01S/05W-13G01 S	1181.4	12/20/84	274.0	887.4	5208
Y-01.04 COLTON MSA					
01N/05W-28J01 S	1514.2	10/01/84	419.0	1095.2	4124
		11/01/84	412.0	1102.2	
T SANTA ANA HB					
Y-01 SANTA ANA RIVER MU					
Y-01.0 COLTON-RIALTO MA					
Y-01.04 COLTON MSA					
01N/05W-28J01 S	1514.2	12/03/84	411.0	1103.2	4124
		01/02/85	417.0	1097.2	
		02/01/85	415.0	1099.2	
		03/01/85	402.0	1112.2	
		04/01/85	406.0	1108.2	
		05/01/85	401.0	1113.2	
		05/23/85	396.0	1118.2	
		06/03/85	395.0	1119.2	
		07/01/85	405.0	1109.2	
01N/05W-34B02 S	1490.0	10/01/84	416.0(1)	1074.0	3368
		11/01/84	417.0(1)	1073.0	
		12/01/84	396.0	1094.0	
		01/02/85	391.0	1099.0	
		02/01/85	391.0	1099.0	
		04/01/85	384.0	1106.0	
		05/01/85	403.0(1)	1087.0	
		06/01/85	384.0	1106.0	
		07/02/85	405.0(1)	1085.0	
		08/01/85	389.0	1101.0	
		09/01/85	393.0	1097.0	
01S/04W-07C01 S	1199.6	10/17/84	151.2	1048.4	3230
		11/19/84	166.3	1033.3	
		12/24/84	161.7	1037.9	
		01/30/85	177.1	1022.5	
		02/28/85	167.3	1032.3	
		04/22/85	167.4	1032.2	
01S/04W-17M01 S	1068.5	12/17/84	153.2	915.3	2980
		05/16/85	151.6	916.9	
01S/04W-18F01 S	1099.4	11/16/84	174.0	925.4	4201
		12/19/84	173.0	926.4	
		02/20/85	172.0	927.4	
		03/19/85	173.0	926.4	
		04/17/85	174.0	925.4	
		05/16/85	173.0	926.4	
		06/17/85	174.0	925.4	
		07/01/85	173.0	926.4	
		08/01/85	169.0	930.4	
		09/20/85	154.0	945.4	
01S/04W-18G01 S	1093.5	11/16/84	174.0	919.5	4201
		12/19/84	173.0	920.5	
		02/20/85	172.0	921.5	
		03/19/85	173.0	920.5	
		04/17/85	174.0	919.5	
		05/16/85	173.0	920.5	
		06/17/85	174.0	919.5	
		07/01/85	173.0	920.5	
		08/01/85	169.0	924.5	
		09/20/85	154.0	939.5	
01S/04W-21J01 S	962.5	12/14/84	18.7	943.8	5208
01S/04W-21J04 S	966.0	12/14/84	12.1	953.9	5208
01S/04W-21J06 S	966.0	12/14/84	17.6	948.4	5208
01S/04W-21K06 S	960.0	12/14/84	26.2	933.8	5208
01S/04W-21K09 S	959.1	12/14/84	30.2	928.9	5208
01S/04W-21K11 S	961.0	12/14/84	37.2	923.8	5208
01S/04W-21L01 S		12/14/84	NM-4		5208
01S/04W-21N01 S	963.0	12/05/84	62.0	901.0	5717
		03/09/85	84.7	878.3	
01S/04W-21Q03 S	955.2	10/17/84	25.7	929.5	3230
		12/17/84	18.2	937.0	
		02/28/85	20.5	934.7	
		04/23/85	37.5	917.7	
		06/03/85	37.5	917.7	5208
		06/21/85	50.1	905.1	3230
		08/27/85	36.8	918.4	
		09/03/85	36.5	918.7	5208
01S/04W-27L01 S	993.0	12/17/84	136.3	856.7	2980
		05/16/85	134.8	858.2	
01S/04W-28A05 S		12/17/84	NM-6		2980
01S/04W-28C01 S	949.0	06/03/85	35.2	912.8	5208
		07/01/85	34.6	913.4	
		08/01/85	34.6	913.4	
		09/03/85	35.2	912.8	
01S/04W-28D01 S	942.0	02/01/85	30.4	911.6	5208
		03/01/85	22.4	919.6	
		04/01/85	22.4	919.6	
		05/01/85	22.4	919.6	
		06/03/85	22.5	919.5	
		07/01/85	23.7	918.3	
		08/01/85	23.7	918.3	
		09/03/85	25.1	916.9	
01S/04W-28G01 S	954.6	12/17/84	34.0	920.6	2980
		05/16/85	32.2	922.4	
01S/04W-28K01 S	947.0	10/09/84	76.3(1)	870.7	5783
		11/06/84	33.5	913.5	
		12/03/84	32.0	915.0	
		02/13/85	28.0	919.0	
		03/12/85	37.0	910.0	
		04/09/85	35.0	912.0	
		07/10/85	55.0(1)	892.0	

TABLE 0 (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y SANTA ANA HB					
Y-01 SANTA ANA RIVER HU					
Y-01.0 COLTON-RIALTO HA					
Y-01.04 COLTON HSA					
01S/04W-28K01 S	947.0	08/22/85	35.0	912.0	5783
01S/05W-02C01 S	1343.5	10/01/84	309.0	1034.5	4124
		11/01/84	308.0	1035.5	
		12/03/84	304.3	1039.2	
		01/02/85	304.0	1039.5	
		02/01/85	298.8	1044.7	
		03/01/85	298.3	1045.2	
		04/01/85	296.2	1047.3	
		05/01/85	295.3	1048.2	
		06/03/85	296.2	1047.3	
		06/22/85	285.0	1058.5	
		07/01/85	296.0	1047.5	
		08/01/85	294.2	1049.3	
		09/03/85	292.8	1050.7	
01S/05W-02K01 S	1287.0	10/01/84	261.4	1025.6	4124
		11/01/84	259.5	1027.5	
		12/03/84	257.4	1029.6	
		01/02/85	256.7	1030.3	
		02/01/85	257.0	1030.0	
		03/01/85	257.0	1030.0	
		04/01/85	251.0	1036.0	
		05/01/85	252.0	1035.0	
		06/03/85	251.7	1035.3	
		06/22/85	241.0	1046.0	
		07/01/85	252.0	1035.0	
		08/01/85	250.2	1036.8	
		09/03/85	250.0	1037.0	
01S/05W-04001 S	1385.0	11/29/84	240.9	1144.1	4706
		04/30/85	253.9	1131.1	
		07/30/85	251.7	1133.3	
		08/15/85	251.7	1133.3	
		09/03/85	266.0	1119.0	
01S/05W-05A03 S	1406.0	11/30/84	208.6	1197.4	4706
		03/29/85	198.8	1207.2	
03S/05W-31E03 S	1241.4	12/20/84	246.5	994.9	5208
01S/05W-32L01 S	1180.0	10/01/84	209.8	970.2	4124
		11/01/84	219.8	960.2	
		12/03/84	210.8	969.2	
		01/02/85	214.8	965.2	
		02/01/85	212.8	967.2	
		03/01/85	211.8	968.2	
		04/01/85	236.8(1)	943.2	
		05/01/85	206.8	973.2	
		05/22/85	198.8	981.2	
		06/03/85	237.8(1)	942.2	
		07/01/85	210.8	969.2	
		08/01/85	210.2	969.8	
		09/03/85	207.8	972.2	
01S/05W-12N01 S	1173.0	10/01/84	208.6	964.4	4124
		11/01/84	212.4	960.6	
		12/03/84	202.3	970.7	
		01/02/85	211.2(1)	961.8	
		02/01/85	207.0	966.0	
		03/01/85	213.8(1)	959.2	
		04/01/85	211.9	961.1	
		05/01/85	199.3	973.7	
		06/03/85	209.6(1)	963.4	
		06/22/85	202.3(1)	970.7	
		07/01/85	202.3	970.7	
		08/01/85	204.3	968.7	
		09/03/85	228.3(1)	944.7	
Y-01.E UPPER SANTA ANA RIVER HA					
Y-01.E2 BUNKER HILL HSA					
01N/03W-19E01 S		12/28/84	FLOW		4104
		09/31/85	FLOW		
		06/25/85	NM-0		
01N/03W-27N02 S	1490.0	10/01/84	42.0	1448.0	4776
		11/01/84	40.0	1450.0	
		12/03/84	35.0	1455.0	
		01/02/85	34.0	1456.0	
		02/01/85	30.0	1460.0	
		03/01/85	34.0	1456.0	
		04/01/85	33.0	1457.0	
		05/01/85	34.0	1456.0	
		06/03/85	33.0	1457.0	
		07/01/85	34.0	1456.0	
		08/01/85	37.0	1453.0	
		09/03/85	35.0	1455.0	
01N/03W-27N05 S	1494.0	10/01/84	30.0	1464.0	4776
		11/01/84	31.0	1463.0	
		12/03/84	30.0	1464.0	
		01/02/85	26.0	1468.0	
		02/01/85	21.0	1473.0	
		03/01/85	22.0	1472.0	
		04/01/85	23.0	1471.0	
		05/01/85	24.0	1470.0	
		06/03/85	23.0	1471.0	
		07/01/85	24.0	1470.0	
		08/01/85	25.0	1469.0	
		09/03/85	26.0	1468.0	
01N/03W-28P01 S		12/26/84	NM-3		4104
		05/28/85	NM-3		
		06/25/85	NM-3		
01N/03W-29H01 S	1345.2	11/16/84	241.2	1104.0	5060
		12/05/84	240.2	1105.0	
		01/09/85	248.2	1097.0	

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y SANTA ANA HB					
Y-01 SANTA ANA RIVER HU					
Y-01.E UPPER SANTA ANA RIVER HA					
Y-01.E2 BUNKER HILL HSA					
01N/03W-29N01 S	1345.2	02/04/85	236.5	1108.7	5060
		03/14/85	237.8	1107.4	
		04/03/85	237.4	1107.8	
		05/08/85	239.9	1105.3	
		06/16/85	240.8	1104.4	
		07/12/85	241.2	1104.0	
		08/16/85	239.7	1105.5	
		09/22/85	240.2	1105.0	
01N/03W-29N02 S	1445.0	11/16/84	239.5	1205.5	5060
		12/05/84	241.5	1203.5	
		01/10/85	244.5	1200.5	
		02/04/85	235.0	1210.0	
		03/14/85	236.2	1208.8	
		04/03/85	236.0	1209.0	
		05/09/85	237.6	1207.4	
		06/23/85	239.8	1205.2	
		07/12/85	238.5	1206.5	
		09/22/85	240.0	1205.0	
01N/03W-29N01 S	1291.0	11/16/84	197.0	1094.0	5060
		12/05/84	196.0	1095.0	
		01/09/85	186.5	1104.5	
		02/04/85	191.5	1099.5	
		03/14/85	192.0	1099.0	
		04/03/85	192.1	1098.9	
		05/09/85	195.0	1096.0	
		06/14/85	193.0	1098.0	
		07/12/85	192.0	1099.0	
		08/14/85	191.0	1100.0	
01N/03W-30C02 S	1355.6	10/30/84	220.6	1135.0	4104
		11/30/84	217.6	1138.0	
		12/27/84	224.6	1131.0	
		02/27/85	212.9	1142.7	
		03/21/85	214.6	1141.0	
		04/24/85	215.1	1140.5	
		05/30/85	213.6	1142.0	
		06/25/85	213.0	1142.6	
		07/22/85	236.3	1119.3	
		08/30/85	240.4	1115.2	
		09/30/85	247.6	1108.0	
01N/03W-30J05 S		12/28/84	NM-3		4104
		05/27/85	NM-3		
		06/17/85	NM-3		
01N/03W-30N01 S	1234.7	10/17/84	143.7	1091.0	4104
		11/30/84	141.7	1093.0	
		12/28/84	138.7	1096.0	
		02/26/85	138.7	1096.0	
		03/25/85	140.9	1093.8	
		04/24/85	137.7	1097.0	
		05/27/85	145.7	1089.0	
		05/30/85	NM-9		
		06/28/85	NM-9		
		07/25/85	164.7(1)	1070.0	
		08/27/85	166.9(1)	1067.8	
		09/19/85	166.1(1)	1068.6	
01N/03W-31C02 S		05/27/85	NM-7		4104
		06/17/85	NM-7		
01N/03W-32C02 S	1270.0	11/16/84	153.0	1117.0	5060
		12/05/84	153.0	1117.0	
		01/09/85	153.0	1117.0	
		02/04/85	149.0	1121.0	
		03/14/85	150.0	1120.0	
		04/03/85	149.0	1121.0	
		05/09/85	142.0	1128.0	
		06/16/85	150.0	1120.0	
01N/03W-33C01 S		12/28/84	NM-3		4104
		05/30/85	NM-3		
		06/28/85	NM-3		
01N/03W-33H01 S	1290.0	10/01/84	168.0	1122.0	4776
		12/03/84	166.0	1124.0	
		02/01/85	164.0	1126.0	
		03/01/85	164.0	1126.0	
		04/01/85	166.0	1124.0	
		05/01/85	168.0	1122.0	
		06/03/85	170.0	1120.0	
		07/01/85	171.0	1119.0	
		08/01/85	174.0	1116.0	
		09/03/85	176.0	1114.0	
01N/03W-33H02 S	1294.0	10/01/84	178.0	1116.0	4776
		11/01/84	180.0	1114.0	
		12/03/84	178.0	1116.0	
		01/02/85	175.0	1119.0	
		02/01/85	175.0	1119.0	
		03/01/85	176.0	1118.0	
		04/01/85	180.0	1114.0	
		05/01/85	171.0	1123.0	
		06/03/85	170.0	1124.0	
		08/01/85	174.0(1)	1120.0	
01N/04W-06H01 S	1902.4	10/23/84	28.9	1873.5	3230
		11/27/84	31.9	1870.5	
		12/26/84	30.4	1872.0	
		01/28/85	32.7	1869.7	
		02/21/85	47.7	1854.7	
		03/22/85	52.7	1849.7	
		04/22/85	36.4	1866.0	
		05/27/85	26.8	1875.6	
		06/26/85	28.3	1874.1	
		07/25/85	28.0	1874.4	
		08/28/85	28.6	1873.8	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

Y SANTA ANA HB
Y-01 SANTA ANA RIVER HU
Y-01.E UPPER SANTA ANA RIVER HA
Y-01.E2 BUNKER HILL HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
01N/04W-06H01 S	1902.4	09/18/85	28.8	1873.6	3230
01N/04W-06H02 S	1887.7	10/23/84	20.9	1866.8	3230
		11/27/84	21.7	1866.0	
		12/26/84	20.8	1866.9	
		01/28/85	28.4	1859.3	
		02/21/85	31.0(1)	1856.7	
		03/22/85	29.3	1858.4	
		04/22/85	27.1(1)	1860.6	
		05/27/85	19.7	1868.0	
		06/26/85	20.1	1867.6	
		07/25/85	19.0	1868.7	
		08/30/85	19.6	1868.1	
		09/18/85	19.8	1867.9	
01N/04W-07F01 S	1622.0	10/01/84	144.6(1)	1477.4	3230
		10/23/84	147.5(1)	1474.5	
		11/25/84	130.5	1491.5	
		12/26/84	121.5	1500.5	
		01/28/85	133.5	1488.5	
		02/18/85	131.9	1490.1	
		03/25/85	129.7	1492.3	
		04/19/85	135.0	1487.0	
		05/24/85	160.0(1)	1462.0	
		06/16/85	164.5(1)	1457.5	
		08/01/85	173.0(1)	1449.0	
		08/30/85	173.0(1)	1449.0	
		09/18/85	141.2	1480.8	
01N/04W-08H01 S	1529.8	10/01/84	147.8(1)	1382.0	3230
		10/23/84	155.2(1)	1374.6	
		11/25/84	142.5	1387.3	
		12/26/84	130.7	1399.1	
		12/28/84	146.0	1383.8	
		02/18/85	143.9	1385.9	
		03/22/85	141.4	1388.4	
		04/19/85	152.3(1)	1377.5	
		05/29/85	162.1(1)	1367.7	
		06/21/85	168.1	1361.7	
		07/24/85	176.8(1)	1353.0	
		08/28/85	182.3(1)	1347.5	
		09/18/85	186.3(1)	1343.5	
01N/04W-08P01 S	1476.7	10/01/84	126.7	1350.0	3230
		10/23/84	135.0	1341.7	
		11/26/84	NM-9		
		03/25/85	NM-9		
		04/19/85	131.2	1345.5	
		05/29/85	152.1(1)	1324.6	
		06/21/85	160.9(1)	1315.8	
		07/24/85	166.0(1)	1310.7	
		08/28/85	167.7(1)	1309.0	
		09/18/85	168.7(1)	1308.0	
01N/04W-14R08 S	1409.1	10/25/84	17.5	1391.6	3230
		12/26/84	18.1	1391.0	
		02/29/85	20.2	1388.9	
		04/25/85	12.9	1396.2	
		06/25/85	17.3	1391.8	
		08/28/85	18.3	1390.8	
01N/04W-16E01 S	1411.9	10/16/84	114.6	1297.3	3230
		11/26/84	110.1	1301.8	
		12/30/84	112.2	1299.7	
		01/29/85	107.3	1304.6	
		02/18/85	109.8	1302.1	
		03/25/85	115.7	1296.2	
		04/19/85	111.5	1300.4	
		05/28/85	112.8	1299.1	
		06/21/85	115.6	1296.3	
		07/24/85	116.9	1295.0	
		08/28/85	120.4	1291.5	
		09/15/85	121.2	1290.7	
01N/04W-16E02 S	1403.3	10/01/84	111.9	1291.4	3230
		10/16/84	108.0	1295.3	
		11/26/84	101.8	1301.5	
		12/30/84	109.1	1294.2	
		01/28/85	115.7	1287.6	
		02/18/85	108.2	1295.1	
		03/25/85	108.4	1294.9	
		04/19/85	107.9	1295.4	
		05/28/85	110.6	1292.7	
		06/21/85	118.5	1284.8	
		07/24/85	115.3	1288.0	
		08/28/85	116.4	1286.9	
		09/16/85	116.6	1286.7	
01N/04W-16E03 S	1407.0	10/16/84	109.5	1297.5	3230
		11/26/84	104.3	1302.7	
		12/30/84	109.6	1297.4	
		01/29/85	105.8	1301.2	
		02/18/85	110.5	1296.5	
		03/25/85	110.1	1296.9	
		04/19/85	111.2	1295.8	
		05/28/85	111.1	1295.9	
		06/21/85	118.8	1288.2	
		07/24/85	116.1	1290.9	
		08/28/85	113.4	1293.6	
		09/16/85	116.9	1290.1	
01N/04W-16E04 S	1413.1	10/16/84	111.6	1301.5	3230
		11/26/84	112.0	1301.1	
		12/30/84	112.1	1301.0	
		01/29/85	112.8	1300.3	
		02/18/85	112.2	1300.9	
		03/25/85	112.7	1300.4	
		04/19/85	113.1	1300.0	
		05/28/85	115.0	1298.1	
01N/04W-16E04 S	1413.1	06/21/85	119.4	1293.7	3230
		07/24/85	118.5	1294.6	
		08/28/85	121.4	1291.7	
		09/16/85	123.9	1289.2	
01N/04W-20N01 S	1330.9	02/28/85	152.0	1178.9	3230
		04/19/85	155.8	1175.1	
		06/25/85	159.8	1171.1	
		08/27/85	165.3	1165.6	
01N/04W-21B02 S	1322.4	10/16/84	86.1	1236.3	3230
		12/30/84	86.4	1236.0	
		02/21/85	86.2	1236.2	
		04/19/85	86.4	1236.0	
		06/25/85	88.5	1233.9	
		08/30/85	92.5	1229.9	
01N/04W-23E01 S		12/04/84	NM-5		4104
		03/31/85	NM-5		
		06/01/85	NM-5		
01N/04W-23K01 S	1294.4	10/25/84	185.5	1108.9	3230
		12/26/84	187.9	1106.5	
		02/28/85	190.5	1103.9	
		04/25/85	192.4	1102.0	
		05/24/85	190.6	1103.8	
		06/20/85	214.8	1079.6	
		08/28/85	216.4	1078.0	
01N/04W-23M01 S	1294.8	10/26/84	206.2	1088.6	3230
		12/29/84	197.4	1097.4	
		02/25/85	200.7	1094.1	
		04/25/85	208.2	1086.6	
		05/24/85	88.9	1205.9	
		06/20/85	NM-7		
		08/28/85	NM-7		
01N/04W-25A01 S	1295.6	10/30/84	167.7	1127.9	4104
		12/04/84	161.0	1134.6	
		02/27/85	154.6	1141.0	
		03/26/85	157.0	1138.6	
		04/24/85	159.2	1136.4	
		05/29/85	156.4	1139.2	
		06/28/85	158.4	1137.2	
		07/31/85	172.0(1)	1123.6	
		08/26/85	174.1(1)	1121.5	
		09/24/85	177.0(1)	1118.6	
01N/04W-25C02 S	1246.3	10/30/84	146.6	1099.7	4104
		12/04/84	173.9(1)	1072.4	
		02/27/85	158.7(1)	1087.6	
		03/26/85	158.6(1)	1087.7	
		04/24/85	175.6(1)	1070.7	
		05/27/85	178.3(1)	1068.0	
		06/28/85	180.8(1)	1065.5	
		07/31/85	196.1(1)	1050.2	
		08/26/85	197.6(1)	1048.7	
		09/24/85	198.1(1)	1048.2	
01N/04W-25C04 S		12/28/84	NM-7		4104
		02/26/85	NM-7		
		03/10/85	NM-7		
		06/28/85	NM-4		
01N/04W-25P04 S		12/28/84	NM-9		4104
		03/31/85	NM-9		
		06/25/85	NM-2		
01N/04W-26A01 S		12/26/84	NM-0		4104
		05/22/85	NM-0		
		06/18/85	NM-6		
01N/04W-26A02 S	1241.0	10/22/84	173.0	1068.0	4104
		12/04/84	155.6	1085.4	
		02/27/85	155.4	1085.6	
		03/26/85	160.0	1081.0	
		04/24/85	154.9	1086.1	
		05/21/85	159.8	1081.2	
		06/28/85	161.1	1079.9	
		07/31/85	207.0	1034.0	
		08/26/85	208.4	1032.6	
		09/16/85	206.1	1034.9	
01N/04W-26A03 S	1244.0	10/22/84	227.0	1017.0	4104
		12/04/84	228.1	1015.9	
		02/27/85	NM-7		
		05/21/85	160.0	1084.0	
		06/28/85	213.3(1)	1030.7	
		07/31/85	NM-7		
		09/24/85	216.0(1)	1028.0	
01N/04W-26E02 S	1236.2	10/24/84	159.7(1)	1076.5	3230
		11/19/84	149.9	1086.3	
		12/26/84	137.5	1098.7	
		01/28/85	151.2	1085.0	
		01/29/85	148.7	1087.5	
		02/24/85	147.9	1088.3	
		03/22/85	146.2	1090.0	
		04/25/85	149.1	1087.1	
		05/26/85	150.0	1086.2	
		06/21/85	169.0(1)	1067.2	
		07/25/85	175.0(1)	1061.2	
		09/02/85	178.0	1058.2	
		09/24/85	164.0	1072.2	
01N/04W-26M01 S	1203.7	10/25/84	119.6	1081.1	3230
		12/29/84	116.4	1084.3	
		03/02/85	114.6	1086.1	
		04/25/85	105.0(1)	1093.7	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

Y SANTA ANA HB
Y-01 SANTA ANA RIVER NU
Y-01.E UPPER SANTA ANA RIVER HA
Y-01.E2 BUNKER HILL HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
01N/04W-26M01 S	1200.7	05/24/83	105.8	1094.9	3230
		06/20/83	131.4	1069.3	
		09/02/83	141.0	1059.7	
01N/04W-26N02 S	1193.7	10/23/84	126.9(1)	1066.8	3230
		12/29/84	111.8	1081.9	
		03/02/85	123.5(1)	1070.2	
		04/23/85	128.0(1)	1065.7	
		05/24/85	120.6	1073.1	
		06/20/85	140.0(1)	1053.7	
		09/02/85	140.1	1053.6	
01N/04W-26P03 S	1173.9	10/26/84	107.2	1066.7	3230
		11/19/84	101.7	1072.2	
		12/24/84	102.5	1071.4	
		01/23/85	102.2	1071.7	
		02/28/85	101.2	1072.7	
		03/22/85	95.8	1078.1	
		04/23/85	87.4	1086.5	
		05/28/85	157.1(1)	1016.8	
		06/21/85	167.6(1)	1006.3	
		07/30/85	172.8(1)	1001.1	
		09/02/85	174.4(1)	999.5	
		09/24/85	169.2	1004.7	
01N/04W-27A01 S	1244.4	10/24/84	162.9(1)	1081.5	3230
		11/19/84	162.1(1)	1082.3	
		12/26/84	156.9(1)	1087.5	
		01/30/85	147.4	1097.0	
		03/02/85	148.3	1096.1	
		03/22/85	146.4	1098.0	
		04/23/85	146.6	1097.8	
		05/26/85	153.2	1091.2	
		06/26/85	166.3	1078.1	
		07/23/85	164.7	1079.7	
		08/26/85	146.6	1097.8	
		09/24/85	182.3	1062.1	
01N/04W-27B01 S	1233.0	10/24/84	149.8	1083.2	3230
		11/27/84	141.2	1091.8	
		12/26/84	142.3	1090.7	
		01/23/85	139.1	1093.9	
		02/18/85	145.4	1087.6	
		03/22/85	138.6	1094.4	
		04/26/85	139.6	1093.4	
		05/26/85	141.9	1091.1	
		06/21/85	158.6	1074.4	
		07/30/85	138.0	1095.0	
		08/26/85	143.0	1090.0	
		09/25/85	150.0	1083.0	
01N/04W-27G01 S	1226.4	10/23/84	147.5	1078.9	3230
		11/27/84	140.7	1085.7	
		12/26/84	140.5	1085.9	
		01/25/85	141.4	1085.0	
		02/18/85	141.7	1084.7	
		03/22/85	141.4	1085.0	
		04/26/85	141.6	1084.8	
		05/26/85	144.1	1082.3	
		06/21/85	150.2	1076.2	
		07/26/85	165.2	1061.2	
		08/26/85	161.6	1064.8	
		09/20/85	168.6(1)	1057.8	
01N/04W-27H01 S	1189.1	10/15/84	126.7(1)	1062.4	3230
		11/27/84	111.8	1077.3	
		12/21/84	112.5	1076.6	
		01/25/85	112.2	1076.9	
		03/02/85	110.4	1078.7	
		03/22/85	112.7	1076.4	
		04/26/85	114.9	1074.2	
		05/26/85	116.7	1072.4	
		06/21/85	136.3(1)	1052.8	
		07/30/85	137.5	1051.6	
		08/31/85	143.1	1046.0	
		09/22/85	131.4	1057.7	
01N/04W-27H02 S	1184.1	10/24/84	116.3	1067.8	3230
		11/27/84	113.5	1070.6	
		12/20/84	115.2	1068.9	
		01/25/85	113.0	1071.1	
		03/02/85	112.8(1)	1071.3	
		03/25/85	115.7(1)	1068.4	
		04/26/85	112.0	1072.1	
		05/28/85	111.4	1072.7	
		06/21/85	129.0(1)	1055.1	
		07/30/85	121.0	1063.1	
		09/02/85	85.0	1099.1	
		09/20/85	133.0(1)	1051.1	
01N/04W-27N01 S	1174.9	10/15/84	109.1	1065.8	3230
		11/27/84	98.2	1076.7	
		12/21/84	99.4	1075.5	
		01/25/85	101.5	1073.4	
		03/02/85	97.7	1077.2	
		04/26/85	109.0	1065.9	
		05/28/85	106.9	1068.0	
		06/25/85	112.0	1062.9	
		07/30/85	114.6	1060.3	
		08/31/85	118.9	1056.0	
		09/20/85	120.9	1054.0	
01N/04W-28J02 S	1185.0	10/15/84	105.1	1079.9	3230
		11/29/84	104.5	1080.5	
		12/26/84	103.8	1081.2	
		01/29/85	105.4	1079.6	
		03/02/85	96.3	1088.7	
		04/19/85	97.0	1088.0	
		05/28/85	102.1	1082.9	

Y SANTA ANA HB
Y-01 SANTA ANA RIVER NU
Y-01.E UPPER SANTA ANA RIVER HA
Y-01.E2 BUNKER HILL HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
01N/04W-28J02 S	1185.0	06/25/85	106.1	1078.9	3230
		08/27/85	113.5	1071.5	
01N/04W-29E01 S	1303.7	10/01/84	188.0	1115.7	4776
		11/01/84	140.0	1163.7	
		12/03/84	143.0	1160.7	
		01/02/85	136.0	1167.7	
		02/01/85	135.0	1168.7	
		03/01/85	137.0	1166.7	
		04/01/85	138.0	1165.7	
		05/01/85	140.0	1163.7	
		06/03/85	141.0	1162.7	
		07/01/85	141.0	1162.7	
		08/01/85	146.0	1157.7	
		09/03/85	145.0	1158.7	
01N/04W-29F01 S	1278.0	10/01/84	163.0	1115.0	4776
		11/01/84	165.0	1113.0	
		12/03/84	164.0	1114.0	
		01/02/85	165.0	1113.0	
		02/01/85	164.0	1114.0	
		03/01/85	164.0	1114.0	
		04/01/85	165.0	1113.0	
		05/01/85	174.0	1104.0	
		06/03/85	175.0	1103.0	
		07/01/85	179.0	1099.0	
		08/01/85	180.0	1098.0	
		09/03/85	163.0	1115.0	
01N/04W-31A01 S	1258.1	10/22/84	98.8	1159.3	3230
		11/19/84	97.5	1160.6	
		12/26/84	97.9	1160.2	
		01/30/85	92.4	1165.7	
		03/02/85	98.5	1159.6	
		03/22/85	97.7	1160.4	
		04/22/85	100.4	1157.7	
		05/27/85	103.1	1155.0	
		06/26/85	106.5	1151.6	
		07/24/85	109.7	1148.4	
		08/28/85	118.5	1139.6	
		09/18/85	131.2	1126.9	
01N/04W-31H01 S	1225.0	10/01/84	80.0	1145.0	4776
		12/03/84	80.0	1145.0	
		01/02/85	78.0	1147.0	
		02/01/85	80.0	1145.0	
		03/01/85	80.0	1145.0	
		04/01/85	84.0	1141.0	
		05/01/85	84.0	1141.0	
		06/03/85	87.0	1138.0	
		07/01/85	88.0	1137.0	
		08/01/85	76.0	1149.0	
		09/03/85	76.0	1149.0	
01N/04W-32D03 S	1230.3	10/22/84	85.9	1144.4	3230
		11/19/84	99.9	1130.4	
		12/26/84	97.5	1132.8	
		01/30/85	74.9	1155.4	
		03/02/85	76.9	1151.4	
		03/25/85	NM-9		
		04/18/85	69.5	1160.8	
		05/27/85	89.1	1141.2	
		06/25/85	89.8	1140.5	
		08/31/85	101.5(1)	1128.8	
		08/30/85	104.5(1)	1125.8	
		09/18/85	93.3	1137.0	
01N/04W-32D04 S	1236.3	10/31/84	90.4(1)	1145.9	3230
		10/22/84	84.6	1151.7	
		11/19/84	81.6	1154.7	
		12/26/84	82.8	1153.5	
		01/10/85	79.7	1156.6	
		03/02/85	78.4	1157.9	
		03/25/85	NM-9		
		04/18/85	68.5	1167.8	
		05/31/85	103.0	1133.3	
		06/25/85	95.0	1141.3	
		08/01/85	108.0(1)	1128.3	
		08/30/85	112.8(1)	1123.5	
		09/18/85	104.1	1132.2	
01N/04W-32N01 S	1184.8	10/19/84	46.3	1138.5	3230
		11/19/84	47.3	1137.5	
		12/26/84	43.6	1141.2	
		01/30/85	52.8	1132.0	
		03/02/85	45.8	1139.0	
		03/25/85	NM-9		
		04/22/85	49.0	1135.8	
		05/30/85	54.9	1129.9	
		06/25/85	39.4(1)	1145.4	
		08/01/85	85.3(1)	1099.5	
		08/28/85	92.9(1)	1091.9	
		09/18/85	66.3	1118.5	
01N/04W-33M01 S	1161.0	10/19/84	42.3	1118.7	3230
		12/26/84	46.6	1114.4	
		03/02/85	38.7	1122.3	
		04/22/85	40.0	1121.0	
		06/20/85	44.6	1116.4	
		08/27/85	49.1	1111.9	
01N/04W-34G01 S	1141.9	10/24/84	79.9	1062.0	3230
		11/19/84	72.8	1069.1	
		12/21/84	72.4	1069.5	
		01/28/85	73.9	1068.0	
		02/28/85	72.0	1069.9	
		03/25/85	76.6	1065.3	
		04/25/85	85.4	1056.5	
		05/27/85	83.5	1058.4	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y SANTA ANA NB					
Y-01 SANTA ANA RIVER HU					
Y-01.E UPPER SANTA ANA RIVER HA					
Y-01.E2 BUNKER HILL HSA					
01N/04W-34G01 S	1141.9	06/21/85	107.2	1034.7	3230
		07/25/85	99.4	1042.5	
		09/02/85	114.2	1027.7	
		09/20/85	102.7	1039.2	
01N/04W-34G03 S	1136.2	10/24/84	70.4	1065.8	3230
		11/19/84	67.5	1068.7	
		12/20/84	68.4	1067.8	
		01/28/85	69.4	1066.8	
		02/28/85	69.6	1066.6	
		03/25/85	77.2	1059.0	
		04/25/85	103.4	1032.8	
		05/27/85	104.8	1031.4	
		06/21/85	114.8(1)	1021.4	
		08/01/85	118.0(1)	1018.2	
		09/02/85	130.8(1)	1005.4	
		09/20/85	117.8(1)	1018.4	
01N/04W-35C01 S	1153.2	10/24/84	95.1	1058.1	3230
		11/19/84	98.0	1055.2	
		12/26/84	92.8	1060.4	
		01/28/85	95.4	1057.8	
		02/23/85	96.0	1057.2	
		03/22/85	89.2	1064.0	
		04/25/85	91.1	1062.1	
		05/24/85	94.8	1058.4	
		06/21/85	97.5	1055.7	
		07/25/85	105.6	1047.6	
		09/02/85	99.1	1054.1	
		09/24/85	99.0	1054.2	
01N/04W-35C02 S	1164.5	10/15/84	100.5	1064.0	3230
		11/19/84	95.9	1068.6	
		12/26/84	96.2	1068.3	
		01/28/85	95.3	1069.2	
		02/23/85	95.7	1068.8	
		03/22/85	92.3	1072.2	
		04/25/85	95.2	1069.3	
		05/24/85	96.5	1068.0	
		06/27/85	98.6	1065.9	
		07/25/85	103.4	1061.1	
		09/02/85	106.5	1058.0	
		09/24/85	107.9	1056.6	
01N/04W-35C03 S	1168.0	10/24/84	99.4	1068.6	3230
		11/19/84	97.2	1070.8	
		12/26/84	93.6	1074.4	
		01/28/85	94.8	1073.2	
		02/23/85	96.4	1071.6	
		03/22/85	94.2	1073.8	
		04/25/85	87.8	1080.2	
		05/24/85	100.1	1067.9	
		06/21/85	103.6	1064.4	
		07/24/85	103.8	1064.2	
		08/21/85	105.4	1062.6	
		09/24/85	112.8	1055.2	
01N/04W-35L01 S	1130.3	10/23/84	76.0	1054.3	3230
		11/27/84	74.9	1055.4	
		12/12/84	62.8	1067.5	
		01/25/85	75.6	1054.7	
		02/28/85	72.8	1057.5	
		04/25/85	81.4	1048.9	
		05/24/85	85.9	1044.4	
		06/20/85	93.1	1037.2	
		08/28/85	100.7	1029.6	
01N/04W-35L06 S	1127.0	10/24/84	86.8	1040.2	3230
		12/29/84	76.8	1050.2	
		02/28/85	74.2	1052.8	
		04/25/85	85.0(1)	1042.0	
		05/24/85	87.4	1039.6	
		06/20/85	100.0(1)	1027.0	
		08/28/85	120.6	1006.4	
01N/04W-35M03 S	1122.7	10/24/84	75.8	1046.9	3230
		11/19/84	68.8	1053.9	
		12/20/84	69.1	1053.6	
		01/30/85	63.4(1)	1059.3	
		02/28/85	68.2(1)	1054.5	
		03/22/85	97.8(1)	1024.9	
		04/25/85	77.3	1045.4	
		05/28/85	80.3	1042.4	
		06/21/85	115.5(1)	1007.2	
		07/24/85	93.3	1029.4	
		08/28/85	124.0(1)	998.7	
		09/20/85	113.0(1)	1009.7	
01N/04W-36K07 S		12/13/84	NM-7		4104
		05/31/85	NM-7		
		06/01/85	NM-7		
01N/04W-36Q01 S	1098.0	10/22/84	24.9	1073.1	4104
		11/26/84	17.0	1081.0	
		12/13/84	16.9	1081.1	
		02/28/85	18.3	1079.7	
		03/14/85	17.7	1080.3	
		04/25/85	18.7	1079.3	
		05/31/85	18.7	1079.3	
		06/28/85	20.1	1077.9	
		07/28/85	36.0	1062.0	
		08/17/85	37.3	1060.7	
		09/18/85	36.7	1061.3	
01N/05W-03H01 S	1878.3	10/01/84	146.3(1)	1732.0	3230
		10/19/84	154.4(1)	1723.9	
		11/30/84	151.6(1)	1726.7	
		12/12/84	137.2	1741.1	
		01/28/85	NM-9		

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y SANTA ANA HB					
Y-01 SANTA ANA RIVER HU					
Y-01.E UPPER SANTA ANA RIVER HA					
Y-01.E2 BUNKER HILL HSA					
01N/05W-03H01 S		02/21/85	NM-9		3230
	1878.3	03/22/85	162.7(1)	1715.6	
		04/19/85	160.5(1)	1717.8	
		05/29/85	172.3(1)	1706.0	
		06/21/85	172.3(1)	1706.0	
		07/25/85	152.5	1725.8	
		08/28/85	163.1	1715.2	
		09/19/85	165.1	1713.2	
01N/05W-03H02 S	1897.2	10/01/54	130.4	1766.8	3230
		10/19/84	132.6	1764.6	
		11/30/84	143.8	1753.4	
		12/25/84	134.6	1762.6	
		01/25/85	144.8(1)	1752.4	
		02/21/85	144.0(1)	1753.2	
		03/22/85	146.8	1750.4	
		04/19/85	151.0	1746.2	
		05/29/85	181.2(1)	1716.0	
01S/03W-02J01 S	1397.4	11/02/84	78.0	1319.4	3400
		12/05/84	81.6	1315.8	
		01/09/85	85.1	1312.3	
		02/13/85	87.9	1309.5	
		03/19/85	90.2	1307.2	
		05/09/85	93.4	1304.0	
		08/19/85	101.5	1295.9	
01S/03W-03D03 S	1284.0	10/31/84	109.9	1174.1	4104
		11/29/84	115.3	1168.7	
		12/20/84	116.9	1167.1	
		02/26/85	115.4	1168.6	
		03/21/85	117.9	1166.1	
		04/22/85	116.9	1167.1	
		05/31/85	119.6	1164.4	
		06/25/85	118.0	1166.0	
		07/23/85	131.3	1152.7	
		08/30/85	133.5	1150.5	
		09/30/85	122.6	1161.4	
01S/03W-03P04 S	1272.0	06/25/85	79.3	1192.7	4104
		07/24/85	89.7(1)	1182.3	
		08/30/85	90.7(1)	1181.3	
		09/30/85	87.0(1)	1185.0	
01S/03W-04G02 S	1240.0	10/01/84	115.0	1125.0	4776
		10/17/84	146.0	1094.0	4104
		11/01/84	113.0	1127.0	4776
		11/29/84	151.0	1089.0	4104
		12/03/84	129.0	1111.0	4776
		12/26/84	149.0	1091.0	4104
		01/02/85	104.0	1136.0	4776
		02/01/85	100.0	1140.0	
		02/27/85	144.0	1096.0	4104
		03/01/85	99.0	1141.0	4776
		03/25/85	142.7	1097.3	4104
		04/01/85	102.0	1138.0	4776
		04/25/85	143.6	1096.4	4104
		05/01/85	105.0	1135.0	4776
		05/28/85	143.0	1097.0	4104
		06/03/85	112.0	1128.0	4776
		06/25/85	144.0	1096.0	4104
		07/01/85	109.0	1131.0	4776
		07/24/85	160.0	1080.0	4104
		08/01/85	110.0	1130.0	4776
		08/27/85	161.2	1078.8	4104
		09/03/85	112.0	1128.0	4776
		09/19/85	167.0	1073.0	4104
01S/03W-04N01 S		12/28/84	NM-7		4104
		05/27/85	NM-7		
		06/17/85	NM-3		
01S/03W-04N03 S	1195.0	10/04/84	68.2	1126.8	4104
		11/14/84	72.4	1122.6	
		12/12/84	72.4	1122.6	
		02/08/85	72.0	1123.0	
		03/01/85	66.1	1128.9	
		04/05/85	67.1	1127.9	
		05/03/85	68.1	1126.9	
		06/07/85	85.3	1109.7	
		07/12/85	75.0	1120.0	
		08/02/85	74.0	1121.0	
		09/06/85	81.0	1114.0	
01S/03W-05D01 S	1153.5	10/01/84	87.0	1066.5	4776
		11/01/84	94.0	1059.5	
		12/03/84	81.0	1072.5	
		01/02/85	82.0	1071.5	
		02/01/85	84.0	1069.5	
		03/01/85	82.0	1071.5	
		04/01/85	87.0	1066.5	
		05/01/85	88.0	1065.5	
		06/03/85	92.0	1061.5	
		07/01/85	94.0	1059.5	
		08/01/85	96.0	1057.5	
		09/03/85	98.0	1055.5	
01S/03W-05D04 S	1148.0	10/01/84	65.0	1083.0	4776
		11/01/84	65.0	1083.0	
		12/03/84	60.0	1088.0	
		01/02/85	60.0	1088.0	
		02/01/85	62.0	1086.0	
		03/01/85	60.0	1088.0	
		04/01/85	67.0	1081.0	
		05/01/85	69.0	1079.0	
		06/03/85	71.0	1077.0	
		07/01/85	74.0	1074.0	
		08/01/85	76.0	1072.0	
		09/03/85	76.0	1072.0	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

Y — SANTA ANA HB
Y-01 — SANTA ANA RIVER HU
Y-01.E — UPPER SANTA ANA RIVER HA
Y-01.E2 — BUNKER HILL HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
015/03W-03D06 S	1150.0	10/01/84	63.0	1087.0	4776
		11/01/84	62.0	1088.0	
		12/03/84	58.0	1092.0	
		01/02/85	58.0	1092.0	
		02/01/85	56.0	1094.0	
		03/01/85	55.0	1095.0	
		04/01/85	56.0	1094.0	
		05/01/85	62.0	1088.0	
		06/03/85	63.0	1087.0	
		07/01/85	69.0	1081.0	
		08/01/85	72.0	1078.0	
		09/03/85	70.0	1080.0	
015/03W-06H04 S	1148.6	10/04/84	87.0(1)	1061.6	4104
		11/14/84	54.9	1093.7	
		12/12/84	52.5	1096.1	
		02/22/85	50.6	1098.0	
		03/01/85	83.3(1)	1065.3	
		04/05/85	46.0	1102.6	
		05/03/85	82.0(1)	1066.6	
		06/07/85	87.9(1)	1060.7	
		07/12/85	94.0(1)	1054.6	
		08/02/85	70.0	1078.6	
		09/06/85	66.0	1082.6	
015/03W-06K01 S		12/28/84	NM-2		4104
		03/30/85	NM-2		
		06/28/85	NM-2		
015/03W-09E02 S	1190.0	10/23/84	72.0	1118.0	4104
		11/27/84	70.4(1)	1119.6	
		12/20/84	67.5(1)	1122.5	
		02/26/85	79.0(1)	1111.0	
		03/22/85	71.0	1119.0	
		04/22/85	82.0(1)	1108.0	
		05/30/85	84.7	1105.3	
		06/25/85	83.9(1)	1106.1	
		07/30/85	89.2(1)	1100.8	
		08/30/85	91.0(1)	1099.0	
		09/30/85	87.0(1)	1103.0	
015/03W-10D01 S	1235.0	10/23/84	85.0(1)	1170.0	4104
		11/30/84	89.7(1)	1165.3	
		12/18/84	63.0	1172.0	
		02/26/85	60.1	1174.9	
		03/28/85	61.7	1173.3	
		04/22/85	79.9	1175.1	
		05/31/85	80.0	1175.0	
015/03W-11H01 S	1411.0	10/02/84	97.6	1313.4	3400
		10/24/84	100.5	1310.5	
		11/16/84	102.9	1308.1	
		12/06/84	105.6	1305.4	
		01/10/85	109.2	1301.8	
		02/01/85	110.4	1300.6	
		03/01/85	111.8	1299.2	
		03/15/85	112.8	1298.2	
		04/01/85	113.8	1297.2	
		05/01/85	115.8	1295.2	
		05/28/85	118.2	1292.8	
		06/06/85	119.0	1292.0	
		07/02/85	121.5	1289.5	
		08/02/85	124.6	1286.4	
		09/03/85	128.2	1282.8	
015/03W-12J01 S	1540.7	10/01/84	143.0	1397.7	3400
		11/02/84	155.0	1385.7	
		12/05/84	164.2	1376.5	
		01/04/85	170.2	1370.5	
		02/01/85	173.0	1367.7	
		03/01/85	175.7	1365.0	
		04/01/85	179.5	1361.2	
		05/01/85	183.0	1357.7	
		06/03/85	187.0	1353.7	
		07/02/85	190.6	1350.1	
		08/02/85	195.3	1345.4	
		09/03/85	199.8	1340.9	
015/03W-13F01 S	1280.0	11/04/84	54.5	1225.5	3400
		01/09/85	71.5	1208.5	
		02/13/85	52.0	1228.0	
		03/19/85	52.5	1227.5	
		05/09/85	55.9	1224.1	
		08/19/85	65.2	1214.8	
015/03W-13H03 S	1334.6	11/05/84	116.8(1)	1217.8	3400
		12/04/84	107.7	1226.9	
		03/21/85	104.3	1230.3	
015/03W-16L04 S	1255.0	03/21/85	58.8	1196.2	3400
015/03W-17C03 S	1175.9	10/01/84	64.9	1111.0	3847
		10/08/84	69.1	1106.8	
		10/15/84	64.0	1111.9	
		10/22/84	65.9	1110.0	
		10/29/84	65.0	1110.9	
		11/05/84	66.4	1109.5	
		11/12/84	64.9	1111.0	
		11/19/84	65.4	1110.5	
		11/26/84	61.1	1114.8	
		12/03/84	64.3	1111.6	
		12/10/84	64.2	1111.7	
		12/17/84	64.1	1111.8	
		12/24/84	63.6	1112.3	
		12/31/84	62.6	1113.3	
		01/07/85	61.4	1114.5	
		01/14/85	60.1	1115.8	
		01/21/85	59.4	1116.5	
		01/28/85	58.9	1117.0	
015/03W-17C03 S	1175.9	02/04/85	57.9	1118.0	3847
		02/11/85	58.3	1117.6	
		02/18/85	57.8	1118.1	
		02/25/85	57.7	1118.2	
		03/04/85	58.0	1117.9	
		03/11/85	58.1	1117.8	
		03/18/85	58.5	1117.4	
		03/25/85	58.4	1117.5	
		04/01/85	58.8	1117.1	
		04/08/85	59.2	1116.7	
		04/15/85	59.8	1116.1	
		04/22/85	60.3	1115.6	
		04/29/85	60.8	1115.1	
		05/06/85	61.5	1114.4	
		05/13/85	62.4	1113.5	
		05/20/85	63.1	1112.8	
		05/27/85	63.4	1112.1	
		06/03/85	64.6	1111.3	
		06/10/85	65.0	1110.9	
		06/17/85	65.8	1110.1	
		06/24/85	66.6	1109.3	
		07/01/85	67.0	1108.9	
		07/08/85	67.7	1108.2	
		07/15/85	68.4	1107.5	
		07/22/85	69.0	1106.9	
		07/29/85	69.5	1106.4	
		08/05/85	70.0	1105.9	
		08/12/85	70.8	1105.1	
		08/19/85	71.8	1104.1	
		08/26/85	71.8	1104.1	
		09/02/85	73.1	1102.8	
		09/09/85	73.1	1102.8	
		09/16/85	73.1	1102.8	
		09/23/85	73.2	1102.7	
		09/30/85	73.8	1102.1	
015/03W-19M01 S	1124.0	10/04/84	50.7	1073.3	5206
		01/02/85	39.6	1084.4	
		02/01/85	41.2	1082.8	
		03/01/85	45.1	1078.9	
		04/01/85	47.9	1076.1	
		05/01/85	65.1	1058.9	
		07/01/85	110.4(1)	1013.6	
		08/01/85	81.3	1042.7	
		09/03/85	76.7	1047.3	
015/03W-20P01 S	1195.0	12/04/84	91.0	1104.0	3400
		03/19/85	89.7	1105.3	
015/03W-21A01 S	1320.0	11/05/84	111.7(1)	1208.3	3400
		01/09/85	100.2	1219.8	
		02/13/85	98.4	1221.6	
		02/19/85	98.1	1221.9	
		05/09/85	NM-1		
		08/19/85	NM-1		
015/03W-21H01 S	1318.1	10/08/84	104.8	1213.3	5206
		11/08/84	104.3	1213.8	
		12/04/84	101.0	1217.1	
		01/02/85	99.0	1219.1	
		02/01/85	97.3	1220.8	
		03/01/85	96.0	1222.1	
		04/01/85	95.0	1223.1	
		05/01/85	101.0	1217.1	
		06/03/85	104.9	1213.2	
		07/01/85	109.5	1208.6	
		08/01/85	111.0	1207.1	
		09/03/85	114.2	1203.9	
015/03W-21H06 S	1320.0	10/08/84	103.0	1217.0	5206
		11/08/84	102.2	1217.8	
		12/04/84	100.0	1220.0	
		01/02/85	97.3	1222.7	
		02/01/85	96.0	1224.0	
		03/01/85	94.0	1226.0	
		04/01/85	96.5	1223.5	
		05/01/85	99.3	1220.7	
		06/03/85	102.7	1217.3	
		07/01/85	107.2	1212.8	
		08/01/85	109.0	1211.0	
		09/03/85	112.4	1207.6	
015/03W-21H07 S	1319.0	10/08/84	132.5(1)	1186.5	5206
		11/08/84	131.4(1)	1187.6	
		12/03/84	99.0	1220.0	
		01/02/85	96.6	1222.4	
		02/01/85	95.1	1223.7	
		03/01/85	93.8	1225.2	
		04/01/85	91.8	1227.2	
		05/01/85	139.8(1)	1179.2	
		06/03/85	135.8	1183.2	
		07/01/85	154.6(1)	1164.4	
		08/01/85	148.5(1)	1170.5	
		09/03/85	112.0	1207.0	
015/03W-21J01 S	1320.6	11/05/84	107.3	1213.3	3400
		03/19/85	95.7	1224.9	
015/03W-22A02 S	1390.0	02/01/85	137.9	1252.1	5206
		03/01/85	136.5	1253.5	
		04/01/85	138.0	1252.0	
		05/01/85	139.5	1250.5	
		06/01/85	158.2	1231.8	
		07/01/85	146.0	1244.0	
		08/01/85	148.5	1241.5	
		09/01/85	150.8	1239.2	
015/03W-23A03 S	1475.0	11/05/84	165.8	1309.2	3400
		03/19/85	169.3	1305.7	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

Y SANTA ANA HA
Y-01 SANTA ANA RIVER HU
Y-01.E UPPER SANTA ANA RIVER HA
Y-01.E2 BUNKER HILL HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
01S/03W-27E02 S	1311.1	10/08/84	117.2(1)	1193.9	5206
		11/09/84	86.5	1224.6	
		12/03/84	113.9	1197.2	
		01/02/85	79.9	1231.2	
		02/01/85	98.5(1)	1212.6	
		03/01/85	77.2	1233.9	
		04/01/85	85.2	1225.9	
		05/01/85	115.5(1)	1195.6	
		06/03/85	99.0	1212.1	
		07/01/85	122.1(1)	1189.0	
		08/01/85	118.9(1)	1192.2	
		09/03/85	95.7(1)	1215.4	
01S/03W-26H01 S	1308.0	10/08/84	119.5(1)	1188.5	5206
		11/06/84	90.3	1217.7	
		12/03/84	88.7	1219.3	
		01/02/85	83.3	1224.7	
		02/01/85	88.7	1219.3	
		03/01/85	80.8	1227.2	
		04/01/85	83.3	1224.7	
		05/01/85	96.3	1211.7	
		06/03/85	100.8	1207.2	
		07/01/85	97.0	1211.0	
		08/01/85	98.0	1210.0	
		09/03/85	100.0	1208.0	
01S/03W-26K01 S	1290.0	10/08/84	88.5	1201.5	5206
		11/06/84	81.6	1208.4	
		12/03/84	77.4	1212.6	
		01/02/85	71.0	1217.0	
		02/01/85	77.0	1213.0	
		03/01/85	71.0	1219.0	
		04/01/85	74.0	1216.0	
		05/01/85	85.0	1205.0	
		06/03/85	83.2	1206.8	
		07/01/85	87.3	1202.7	
		08/01/85	87.0	1203.0	
		09/03/85	90.0	1200.0	
01S/03W-32001 S	1206.2	11/05/84	89.7	1116.5	3400
		01/09/85	82.9	1123.3	
		02/13/85	80.9	1125.3	
		03/19/85	83.0	1123.2	
		05/09/85	87.1	1119.1	
		08/19/85	95.9	1110.3	
01S/04W-01A06 S	1096.2	10/30/84	22.8	1073.4	3230
		12/21/84	23.1	1073.1	
		02/28/85	23.6	1072.6	
		04/26/85	23.8	1072.4	
01S/04W-01B04 S	1096.8	10/30/84	18.7	1078.1	4104
		11/26/84	4.3	1092.5	
		12/13/84	4.0	1092.8	
		02/28/85	4.9	1091.9	
		03/18/85	5.0	1091.8	
		04/23/85	5.2	1091.6	
		05/31/85	9.3	1087.5	
		06/18/85	9.1	1087.7	
		07/30/85	37.0	1059.8	
		08/17/85	39.1	1057.7	
		09/18/85	39.0	1057.8	
01S/04W-01E01 S	1068.0	06/03/85	16.1	1051.9	5208
01S/04W-01E02 S		12/26/84	NM-7		4104
		05/22/85	NM-7		
		06/18/85	NM-7		
01S/04W-01G01 S	1097.0	10/31/84	22.7	1074.3	4104
		11/27/84	23.9	1073.1	
		12/28/84	21.0	1076.0	
		02/28/85	22.6	1074.4	
		03/27/85	22.5	1074.5	
		04/23/85	23.7	1073.3	
		05/27/85	23.0	1074.0	
01S/04W-01K04 S	1092.0	10/19/84	31.8	1060.2	4104
		11/30/84	29.8	1062.2	
		12/26/84	27.3	1064.7	
		02/26/85	29.1	1062.9	
		03/20/85	30.5	1061.5	
		04/23/85	30.8	1061.2	
		05/22/85	33.5	1058.5	
		06/18/85	33.8	1058.2	
		07/31/85	40.7	1051.3	
		08/26/85	42.6	1049.4	
		09/19/85	39.8	1052.2	
01S/04W-02A03 S	1072.0	06/03/85	9.1	1062.9	5208
01S/04W-02A05 S	1087.0	10/31/84	33.0	1054.0	4104
		11/27/84	36.8	1050.2	
		12/28/84	38.0	1049.0	
		02/27/85	31.0	1056.0	
		03/21/85	30.7	1056.3	
		04/25/85	29.3	1057.7	
		05/31/85	31.0	1056.0	
		06/25/85	31.3	1055.7	
		07/28/85	35.0	1052.0	
		08/30/85	39.3	1047.7	
		09/30/85	37.5	1049.5	
01S/04W-02K01 S	1056.3	10/16/84	26.6	1029.7	3230
		11/19/84	5.9	1050.4	
		12/20/84	5.7	1050.6	
		01/28/85	7.2	1049.1	
		04/25/85	35.3	1021.0	
		05/27/85	26.3	1030.0	

Y SANTA ANA HA
Y-01 SANTA ANA RIVER HU
Y-01.E UPPER SANTA ANA RIVER HA
Y-01.E2 BUNKER HILL HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
01S/04W-02K02 S	1057.8	10/15/84	-.8	1058.6	3230
		11/19/84	FLOW		
		12/17/84	FLOW		
		01/28/85	7.0(1)	1050.8	
		02/28/85	10.7(1)	1047.1	
		04/26/85	NM-1		
		05/28/85	NM-1		
		06/21/85	NM-1		
		07/24/85	NM-1		
		08/25/85	NM-1		
		09/26/85	NM-1		
01S/04W-02K03 S	1053.2	10/16/84	22.9	1030.3	3230
		11/19/84	3.9	1049.3	
		12/17/84	FLOW		
		01/10/85	58.7(1)	994.5	
		02/27/85	61.0(1)	992.2	
		04/25/85	32.9	1020.3	
		05/27/85	37.9	1015.3	
		06/19/85	39.6	1013.6	
		08/01/85	73.5(1)	979.7	
		08/29/85	80.4(1)	972.8	
		09/26/85	73.9(1)	979.3	
01S/04W-02L01 S	1047.8	06/03/85	31.8	1016.0	5208
		07/01/85	35.6	1012.2	
		08/01/85	35.6	1012.2	
		09/03/85	36.2	1011.6	
01S/04W-02L02 S		12/14/84	FLOW		5208
01S/04W-02M01 S	1048.6	10/15/84	18.0	1030.6	3230
		12/21/84	15.5	1033.1	
		01/28/85	16.2	1032.4	
		02/28/85	14.2	1034.4	
		04/25/85	16.0	1032.6	
		06/20/85	14.9	1033.7	
		08/21/85	14.0	1034.6	
01S/04W-02N01 S	1037.0	10/18/84	16.0	1021.0	4104
		11/28/84	14.0	1023.0	
		12/17/84	15.4	1021.6	
		02/26/85	15.2	1021.8	
		03/19/85	15.0	1022.0	
		04/23/85	15.5	1021.5	
		05/29/85	16.6	1020.4	
		06/18/85	15.9	1021.1	
		07/31/85	28.2	1008.8	
		08/17/85	31.5	1005.5	
		09/18/85	32.0	1005.0	
01S/04W-02N02 S	1040.1	10/15/84	17.0	1023.1	4104
		11/28/84	FLOW		
		12/14/84	FLOW		5208
		12/28/84	FLOW		4104
		02/26/85	11.8	1028.3	
		03/25/85	15.0	1025.1	
		04/23/85	14.3	1025.8	
		05/31/85	14.9	1025.2	
		06/19/85	14.0	1026.1	
		07/26/85	32.0	1008.1	
		08/30/85	30.6	1009.5	
		09/23/85	27.8	1012.3	
01S/04W-02P01 S	1045.5	07/01/85	36.8	1008.7	5208
		08/01/85	36.8	1008.7	
		09/03/85	39.0	1006.5	
01S/04W-02P02 S	1037.6	10/15/84	17.0	1020.6	4104
		11/28/84	FLOW		
		12/14/84	FLOW		5208
		12/28/84	FLOW		4104
		02/26/85	9.9	1027.7	
		03/25/85	10.7	1026.9	
		04/23/85	10.0	1027.6	
		05/31/85	14.0	1023.6	
		06/18/85	14.2	1023.4	
		07/26/85	30.0	1007.6	
		08/30/85	29.7	1007.9	
		09/23/85	24.0	1013.6	
01S/04W-02P03 S		12/14/84	FLOW		5208
01S/04W-02P06 S	1047.0	09/03/85	56.6	990.4	5208
01S/04W-02Q03 S	1052.0	09/03/85	54.6	997.4	5208
01S/04W-02Q04 S	1057.5	10/19/84	30.4	1027.1	4104
		11/28/84	5.0	1052.5	
		12/13/84	4.7	1052.8	
		02/26/85	42.4	1015.1	
		03/19/85	43.0	1014.5	
		04/23/85	34.0	1023.5	
		05/31/85	37.2	1020.3	
		06/28/85	39.0	1018.5	
		07/28/85	66.0	991.5	
		08/17/85	66.6	990.9	
		09/18/85	65.4	992.1	
01S/04W-02Q06 S	1057.0	09/03/85	55.9	1001.1	5208
01S/04W-02Q07 S		12/14/84	FLOW		5208
01S/04W-02Q08 S	1055.0	10/18/84	26.6	1028.4	4104
		11/28/84	3.8	1051.2	
		12/19/84	3.5	1051.5	
		02/26/85	33.5(1)	1021.5	
		03/19/85	32.9(1)	1022.1	
		04/23/85	32.1	1022.9	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y SANTA ANA HB					
Y-01 SANTA ANA RIVER HU					
Y-01.E UPPER SANTA ANA RIVER HA					
Y-01.E2 BUNKER HILL HSA					
01S/04W-02Q08 S	1055.0	05/29/85	31.5	1023.5	4104
		06/28/85	33.8	1021.2	
		07/28/85	68.5(1)	986.5	
		08/17/85	70.7(1)	984.3	
		09/18/85	71.5(1)	983.5	
01S/04W-02Q09 S	1055.5	10/04/84	15.6	1039.9	4104
		11/14/84	6.5	1049.0	
		12/12/84	FLOW		
		02/22/85	74.5(1)	981.0	
		03/01/85	74.5(1)	981.0	
		04/05/85	73.2(1)	982.3	
		05/03/85	74.0(1)	981.5	
		06/28/85	81.5(1)	974.0	
		07/12/85	84.0(1)	971.5	
		08/02/85	95.7(1)	959.8	
		09/06/85	96.0(1)	959.5	
01S/04W-03Q01 S	1096.4	10/15/84	24.5	1071.9	3230
		11/29/84	21.7	1074.7	
		12/21/84	21.5	1074.9	
		01/30/85	19.6	1076.8	
		02/24/85	21.7	1074.7	
		04/18/85	23.6	1072.8	
		05/24/85	26.7	1069.7	
		06/25/85	26.1	1070.3	
		08/01/85	26.9	1069.5	
		08/27/85	27.8	1068.6	
		09/18/85	28.0	1068.4	
		09/29/85	NM-2		
01S/04W-03J05 S	1034.1	10/15/84	28.7(1)	1005.4	3230
		11/19/84	-2.2	1036.3	
		12/17/84	21.9	1012.2	
		01/29/85	21.9(1)	1012.2	
		02/27/85	27.1(1)	1007.0	
		03/25/85	28.0(1)	1006.1	
		04/25/85	26.4	1007.7	
		05/27/85	26.2	1007.9	
		06/21/85	54.2(1)	979.9	
		07/24/85	53.4(1)	980.7	
		08/28/85	54.4(1)	979.7	
		09/26/85	47.4(1)	986.7	
01S/04W-03Q01 S	1041.8	10/15/84	-1.0	1042.8	3230
		11/19/84	FLOW		
		12/17/84	FLOW		
		01/25/85	FLOW		
		02/28/85	FLOW		
		03/25/85	FLOW		
		04/25/85	FLOW		
		05/27/85	FLOW		
		06/20/85	FLOW		
		08/01/85	.6	1041.2	
		08/29/85	1.7	1040.1	
		09/20/85	2.4	1039.4	
01S/04W-05C03 S	1176.0	10/19/84	43.9	1132.1	3230
		12/26/84	42.3	1133.7	
		03/01/85	34.7	1141.3	
		04/22/85	35.1	1140.9	
		06/20/85	49.8	1126.2	
		08/20/85	57.8	1118.2	
01S/04W-05E05 S	1170.0	10/01/84	33.3	1136.7	4124
		11/01/84	49.1(1)	1120.9	
		12/03/84	26.0	1144.0	
		01/02/85	25.1	1144.9	
		02/01/85	26.4	1143.6	
		03/01/85	26.9	1143.1	
		04/01/85	48.8(1)	1121.2	
		05/01/85	33.2	1136.8	
		06/03/85	41.4	1128.6	
		06/25/85	43.0	1127.0	
		07/01/85	42.8	1127.2	
		08/01/85	45.0	1125.0	
		09/03/85	48.0	1122.0	
01S/04W-06H01 S	1160.0	10/01/84	32.4	1127.6	4124
		11/01/84	30.6	1129.4	
		12/03/84	28.7	1131.3	
		01/02/85	28.1	1131.9	
		02/01/85	28.7	1131.3	
		03/01/85	28.5	1131.5	
		04/01/85	34.2	1125.8	
		05/01/85	40.9	1119.1	
		06/03/85	46.6	1113.4	
		06/25/85	43.0	1117.0	
		07/01/85	47.0	1113.0	
		08/01/85	46.0	1114.0	
		09/03/85	48.2	1111.8	
01S/04W-08A01 S	1093.9	04/22/85	24.3	1069.6	3230
		06/27/85	NM-2		
		08/28/85	NM-2		
01S/04W-08C01 S	1104.1	11/16/84	7.5	1096.6	4201
		12/19/84	5.5	1098.6	
		02/20/85	5.5	1098.6	
		03/19/85	8.9	1095.6	
		04/17/85	13.5	1090.6	
		05/16/85	19.5	1084.6	
		06/17/85	25.5	1078.6	
		07/01/85	62.5	1041.6	
		08/01/85	64.5	1039.6	
		09/20/85	40.5	1063.6	
01S/04W-08F07 S	1095.1	11/16/84	60.0	1035.1	4201
		12/19/84	26.0	1069.1	
01S/04W-08F07 S	1095.1	02/20/85	36.0	1059.1	4201
		03/19/85	61.0	1034.1	
		04/17/85	62.0	1033.1	
		05/16/85	89.0	1006.1	
		06/17/85	99.0	996.1	
		07/01/85	94.0	1001.1	
		08/01/85	90.0	1005.1	
		09/20/85	69.0	1026.1	
01S/04W-08F08 S	1096.5	11/16/84	63.0	1033.5	4201
		12/19/84	29.0	1067.5	
		02/20/85	39.0	1057.5	
		03/19/85	64.0	1032.5	
		04/17/85	65.0	1031.5	
		05/16/85	92.0	1004.5	
		06/17/85	102.0	994.5	
		07/01/85	97.0	999.5	
		08/01/85	93.0	1003.5	
		09/20/85	72.0	1024.5	
01S/04W-08F10 S	1096.2	11/16/84	63.0	1033.2	4201
		12/19/84	29.0	1067.2	
		02/20/85	39.0	1057.2	
		03/19/85	64.0	1032.2	
		04/17/85	65.0	1031.2	
		05/16/85	92.0	1004.2	
		06/17/85	102.0	994.2	
		07/01/85	97.0	999.2	
		08/01/85	93.0	1003.2	
		09/20/85	72.0	1024.2	
01S/04W-08Q01 S	1075.8	11/16/84	34.0	1041.8	4201
		12/19/84	23.0	1052.8	
		02/20/85	23.0	1052.8	
		03/19/85	33.0	1042.8	
		04/17/85	33.0	1042.8	
		05/16/85	60.0	1015.8	
		06/17/85	60.0	1015.8	
		07/01/85	59.0	1016.8	
		08/01/85	65.0	1010.8	
		09/20/85	53.0	1022.8	
01S/04W-08Q03 S		12/17/84	NM-2		3230
		01/28/85	NM-2		
		04/22/85	NM-2		
01S/04W-08R04 S	1075.7	11/16/84	39.4	1036.3	4201
		12/19/84	28.4	1047.3	
		02/20/85	28.4	1047.3	
		03/19/85	38.4	1037.3	
		04/17/85	38.4	1037.3	
		05/16/85	65.4	1010.3	
		06/17/85	65.4	1010.3	
		07/01/85	64.4	1011.3	
		08/01/85	70.4	1005.3	
		09/20/85	58.4	1017.3	
01S/04W-08R05 S	1076.0	11/16/84	35.5	1040.5	4201
		12/19/84	24.5	1051.5	
		02/20/85	24.5	1051.5	
		03/19/85	34.5	1041.5	
		04/17/85	34.5	1041.5	
		05/16/85	61.5	1014.5	
		06/17/85	61.5	1014.5	
		07/01/85	60.5	1015.5	
		08/01/85	66.5	1009.5	
		09/20/85	54.5	1021.5	
01S/04W-09R01 S	1069.5	10/15/84	11.9	1057.6	3230
		12/24/84	6.1	1063.4	
		03/02/85	8.9	1060.6	
		04/24/85	10.1	1059.4	
		06/27/85	13.9	1055.6	
		08/31/85	16.5	1053.0	
01S/04W-09R03 S	1071.6	10/15/84	19.2	1052.4	3230
		12/21/84	16.1	1055.5	
		03/02/85	17.1	1054.5	
		04/23/85	17.5	1054.1	
		06/27/85	21.1	1050.5	
		09/02/85	27.7	1043.9	
01S/04W-09E02 S	1075.0	11/16/84	34.0	1041.0	4201
		12/19/84	23.0	1052.0	
		02/20/85	23.0	1052.0	
		03/19/85	33.0	1042.0	
		04/17/85	33.0	1042.0	
		05/16/85	60.0	1015.0	
		06/17/85	60.0	1015.0	
		07/01/85	59.0	1016.0	
		08/01/85	65.0	1010.0	
		09/20/85	53.0	1022.0	
01S/04W-09J01 S		10/24/84	FLOW		3230
		11/19/84	FLOW		
		12/17/84	FLOW		
		01/25/85	FLOW		
		02/19/85	FLOW		
		03/22/85	FLOW		
		04/26/85	FLOW		
		05/27/85	FLOW		
	1029.5	06/20/85	5.2	1024.3	
		07/24/85	8.8	1020.7	
		08/28/85	11.7	1017.8	
		09/20/85	12.4	1017.1	
01S/04W-09N06 S	1060.2	10/15/84	26.4	1033.8	3230
		12/17/84	14.1	1046.1	
		02/28/85	24.0	1036.2	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y SANTA ANA HB					
Y-01 SANTA ANA RIVER HU					
Y-01.E UPPER SANTA ANA RIVER HA					
Y-01.E2 BUNKER HILL HSA					
01S/04W-09N06 S	1060.2	04/22/85	21.0	1039.2	3230
01S/04W-09P01 S	1052.4	10/15/84	20.4	1032.0	3230
		11/19/84	18.6	1033.8	
		02/28/85	15.3	1037.1	
		03/22/85	15.8	1036.6	
		04/26/85	16.7	1035.7	
		05/27/85	21.0	1031.4	
		06/20/85	23.0	1029.4	
		08/01/85	24.2	1028.2	
		08/28/85	26.6	1025.8	
		09/20/85	27.2	1025.2	
01S/04W-10F01 S	1028.0	10/23/84	.5	1027.5	3230
		11/19/84	FLOW		
		12/17/84	FLOW		
		02/28/85	FLOW		
		04/24/85	FLOW		
		06/27/85	2.0	1026.0	
		08/31/85	4.6	1023.4	
01S/04W-10N06 S	1001.4	10/15/84	13.2	988.2	3230
		11/19/84	6.1	995.3	
		12/17/84	FLOW		
		03/22/85	FLOW		
		04/26/85	FLOW		
		05/27/85	FLOW		
		06/19/85	4.5	996.9	
		08/01/85	5.8	995.6	
		08/23/85	4.8	996.6	
		08/28/85	17.0	984.4	
		09/20/85	7.2	994.2	
01S/04W-11001 S		12/20/84	FLOW		5208
01S/04W-11004 S		12/20/84	FLOW		5208
01S/04W-11N01 S		10/15/84	FLOW		3230
		11/19/84	FLOW		
		12/17/84	FLOW		
		01/26/85	FLOW		
		02/28/85	FLOW		
	1031.8	04/26/85	.9	1030.9	
		05/28/85	11.6	1040.2	
		06/19/85	15.9	1035.9	
		08/21/85	13.0	1036.8	
01S/04W-12B06 S	1089.3	06/26/85	25.1	1064.2	4104
		07/31/85	41.7(1)	1047.6	
		08/27/85	42.1(1)	1047.2	
		09/24/85	40.5(1)	1048.8	
01S/04W-13F02 S	1034.0	10/02/84	35.6	1018.4	3847
		10/09/84	37.7	1016.3	
		10/16/84	66.5(1)	987.5	
		10/23/84	66.4(1)	987.6	
		10/30/84	34.4	1019.6	
		11/06/84	38.3	1015.7	
		11/13/84	39.2	1014.8	
		11/20/84	29.5	1024.5	
		11/27/84	27.3	1026.7	
		12/04/84	52.3(1)	1001.7	
		12/11/84	26.5	1027.5	
		12/18/84	27.6	1026.4	
		12/24/84	19.1	1034.9	
		01/02/85	14.6	1039.4	
		01/08/85	13.1	1040.9	
		01/15/85	11.1	1042.9	
		01/22/85	11.6	1042.4	
		01/29/85	11.5	1042.5	
		02/05/85	12.5	1041.5	
		02/12/85	10.8	1043.2	
		02/19/85	11.8	1042.2	
		02/26/85	49.1(1)	1004.9	
		03/05/85	29.7	1024.3	
		03/12/85	30.5	1023.5	
		03/19/85	57.6(1)	996.4	
		03/26/85	28.4	1025.6	
		04/02/85	31.2	1022.8	
		04/09/85	33.1	1020.9	
		04/16/85	62.0(1)	992.0	
		04/23/85	58.5(1)	995.5	
		04/30/85	61.2(1)	992.8	
		05/07/85	38.2	1015.8	
		05/14/85	68.3(1)	985.7	
		05/21/85	42.5	1011.5	
		05/28/85	71.2(1)	982.8	
		07/02/85	76.4(1)	977.6	
		07/09/85	74.5(1)	979.5	
		07/16/85	76.3(1)	977.7	
		07/24/85	77.2(1)	976.8	
		07/31/85	71.1(1)	982.9	
		08/06/85	77.2(1)	976.8	
		08/13/85	79.2(1)	974.8	
		08/20/85	78.1(1)	975.9	
		08/27/85	79.7(1)	974.3	
		09/03/85	80.6(1)	973.4	
		09/10/85	78.6(1)	975.4	
		09/17/85	77.4(1)	976.6	
		09/24/85	75.5(1)	978.5	
01S/04W-13G02 S	1065.0	10/02/84	81.5(1)	983.5	3847
		10/09/84	92.3(1)	972.7	
		10/16/84	99.2(1)	965.8	
		10/23/84	97.3(1)	967.7	
		10/30/84	92.5(1)	972.5	
		11/06/84	102.3(1)	962.7	
		11/13/84	105.2(1)	959.8	
		11/20/84	85.3(1)	979.7	
01S/04W-13G02 S	1065.0	11/27/84	90.1(1)	974.9	3847
		12/04/84	93.1(1)	971.9	
		12/11/84	92.5(1)	972.5	
		12/18/84	94.3(1)	970.7	
		12/24/84	23.7	1041.3	
		01/02/85	17.5	1047.5	
		01/08/85	16.7	1048.3	
		01/15/85	15.4	1049.6	
		01/22/85	15.5	1049.5	
		01/29/85	15.3	1049.7	
		02/05/85	16.1	1048.9	
		02/12/85	14.6	1050.4	
		02/19/85	15.4	1049.6	
		02/26/85	76.7(1)	988.3	
		03/05/85	80.4(1)	984.6	
		03/12/85	77.4(1)	987.6	
		03/19/85	82.5(1)	982.5	
		03/27/85	83.4(1)	981.6	
		04/02/85	77.7(1)	987.3	
		04/09/85	85.7(1)	979.3	
		04/16/85	86.6(1)	978.4	
		04/23/85	88.3(1)	976.7	
		04/30/85	87.6(1)	977.4	
		05/07/85	90.7(1)	974.3	
		05/14/85	99.2(1)	965.8	
		05/21/85	100.7(1)	964.3	
		05/28/85	101.3(1)	963.7	
		05/30/85	44.7	1020.3	
		07/02/85	114.1(1)	950.9	
		07/09/85	122.2(1)	942.8	
		07/16/85	117.0(1)	948.0	
		07/24/85	124.7(1)	940.3	
		07/31/85	123.7(1)	941.3	
		08/06/85	49.7	1015.3	
		08/13/85	127.2(1)	937.8	
		08/20/85	128.7(1)	936.3	
		08/27/85	129.1(1)	935.9	
		09/03/85	125.5(1)	939.5	
		09/10/85	129.5(1)	935.5	
		09/17/85	119.5(1)	945.5	
		09/24/85	126.3(1)	938.7	
01S/04W-13G03 S	1065.0	10/02/84	137.7(1)	927.3	3847
		10/09/84	132.9(1)	932.1	
		10/16/84	133.0(1)	932.0	
		10/23/84	130.9(1)	934.1	
		10/30/84	130.7(1)	934.3	
		11/06/84	132.9(1)	932.1	
		11/13/84	133.8(1)	931.2	
		11/20/84	127.9(1)	937.1	
		11/27/84	126.1(1)	938.9	
		12/04/84	121.2(1)	943.8	
		12/11/84	122.1(1)	942.9	
		12/18/84	130.9(1)	934.1	
		12/24/84	3.6	1061.4	
		01/02/85	.7	1064.3	
		01/08/85	2.6	1062.4	
		01/15/85	3.0	1062.0	
		01/22/85	.0	1065.0	
		01/29/85	2.3	1062.7	
		02/05/85	6.5	1058.5	
		02/12/85	4.1	1060.9	
		02/19/85	5.3	1059.7	
		02/26/85	16.8	1048.2	
		03/05/85	7.5	1057.5	
		03/12/85	8.1	1056.9	
		03/19/85	8.5	1056.5	
		03/26/85	9.8	1055.2	
		04/02/85	143.2(1)	921.8	
		04/09/85	147.0(1)	918.0	
		04/16/85	150.6(1)	914.4	
		04/23/85	139.6(1)	925.4	
		04/30/85	149.8(1)	915.2	
		05/07/85	154.7(1)	910.3	
		05/13/85	48.2(3)	1016.8	
		05/14/85	151.2(1)	913.8	
		05/21/85	154.3(1)	910.7	
		05/28/85	156.2(1)	908.8	
		07/02/85	184.4(1)	880.6	
		07/09/85	175.5(1)	889.5	
		07/16/85	179.1(1)	885.9	
		07/24/85	184.1(1)	880.9	
		07/31/85	169.7(1)	895.3	
		08/06/85	52.5	1012.5	
		08/13/85	43.1	1021.9	
		08/20/85	38.8	1026.2	
		08/27/85	167.4(1)	897.6	
		09/03/85	164.1(1)	900.9	
		09/10/85	163.8(1)	901.2	
		09/17/85	160.9(1)	904.1	
		09/24/85	160.0(1)	905.0	
01S/04W-13L02 S	1050.0	07/02/85	44.8	1005.2	3847
		07/09/85	45.5	1004.5	
		07/16/85	95.6(1)	954.4	
		07/24/85	94.6(1)	955.4	
		07/31/85	85.5(1)	964.5	
		08/06/85	47.6	1002.4	
		08/13/85	94.6(1)	955.4	
		08/20/85	92.5(1)	957.5	
		08/27/85	94.0(1)	956.0	
		09/03/85	93.6(1)	956.4	
		09/10/85	90.7(1)	959.3	
		09/17/85	92.6(1)	957.4	
		09/24/85	93.9(1)	956.1	
01S/04W-13M02 S	1054.0	10/02/84	66.2(1)	987.8	3847
		10/09/84	71.4(1)	982.6	
		10/16/84	28.3	1025.7	

TABLE 0 (CONTINUED)

GROUND WATER LEVELS AT WELLS

Y SANTA ANA HB
Y-01 SANTA ANA RIVER HU
Y-01.E UPPER SANTA ANA RIVER HA
Y-01.E2 BUNKER HILL HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
01S/04W-13H02 S	1054.0	10/23/84	20.2	1033.8	3847
		10/30/84	56.2(1)	997.8	
		11/06/84	32.3	1021.7	
		11/13/84	65.2(1)	988.8	
		11/20/84	14.3	1039.7	
		11/27/84	9.2	1044.8	
		12/04/84	8.1	1045.9	
		12/11/84	49.4(1)	1004.6	
		12/18/84	12.4	1041.6	
		12/24/84	5.8	1048.2	
		01/02/85	3.3	1050.7	
		01/08/85	1.4	1052.6	
		01/15/85	.8	1053.2	
		01/22/85	3.5	1050.5	
		01/29/85	4.0	1050.0	
		02/05/85	6.7	1047.3	
		02/12/85	1.5	1052.5	
		02/19/85	6.8	1047.2	
		02/26/85	57.0(1)	997.0	
		03/05/85	52.3(1)	1001.7	
		03/12/85	20.4	1033.6	
		03/19/85	19.2	1034.8	
		03/26/85	20.6(1)	1033.4	
		04/02/85	54.0(1)	1000.0	
		04/09/85	67.0(1)	987.0	
		04/16/85	39.2	1014.8	
		04/23/85	28.3	1025.7	
		04/30/85	74.2(1)	979.8	
		05/07/85	78.0(1)	976.0	
		05/14/85	48.4	1005.6	
		05/21/85	42.0	1012.0	
		05/28/85	85.2(1)	968.8	
		07/02/85	90.2(1)	963.8	
		07/09/85	57.1	996.9	
		07/16/85	58.2	995.8	
		07/24/85	90.3(1)	963.7	
		07/31/85	84.0(1)	970.0	
		08/06/85	56.5	997.5	
		08/13/85	90.1(1)	963.9	
		08/20/85	86.0(1)	968.0	
		08/27/85	91.5(1)	962.5	
		09/03/85	56.4	997.6	
		09/10/85	55.4	998.6	
		09/17/85	54.5	999.5	
		09/24/85	53.5	1000.5	
01S/04W-13H01 S	1048.3	10/02/84	77.4(1)	968.9	3847
		10/09/84	80.3(1)	966.0	
		10/16/84	79.1(1)	967.2	
		10/23/84	76.1(1)	970.2	
		10/30/84	71.6(1)	974.5	
		11/06/84	80.2(1)	966.1	
		11/13/84	82.0(1)	964.3	
		11/20/84	31.0	1015.3	
		11/27/84	28.6	1017.7	
		12/04/84	29.0	1017.3	
		12/11/84	29.0	1017.3	
		12/18/84	26.0	1018.3	
		12/24/84	19.1	1027.2	
		01/02/85	13.1	1033.2	
		01/08/85	12.8	1033.5	
		01/15/85	9.9	1036.4	
		01/22/85	10.1	1036.2	
		01/29/85	9.8	1036.5	
		02/05/85	11.3	1035.0	
		02/12/85	4.5	1041.8	
		02/19/85	10.4	1035.9	
		02/26/85	66.2(1)	980.1	
		03/05/85	69.9(1)	976.4	
		03/12/85	36.0	1010.3	
		03/19/85	71.0(1)	975.3	
		03/26/85	69.0(1)	977.3	
		04/02/85	69.2(1)	977.1	
		04/09/85	69.2(1)	977.1	
		04/16/85	78.0(1)	968.3	
		04/23/85	70.0(1)	976.3	
		04/30/85	71.0(1)	975.3	
		05/07/85	74.2(1)	972.1	
		05/14/85	76.0(1)	970.3	
		05/17/85	43.1	1003.2	
		05/21/85	78.2(1)	968.1	
		05/28/85	79.2(1)	967.1	
		07/02/85	89.1(1)	957.2	
		07/09/85	92.0(1)	954.3	
		07/16/85	91.0(1)	955.3	
		07/24/85	93.1(1)	953.2	
		07/31/85	84.2(1)	962.1	
		08/06/85	94.1(1)	952.2	
		08/13/85	91.0(1)	955.3	
		08/20/85	93.2(1)	953.1	
		08/27/85	93.8(1)	952.5	
		09/03/85	90.0(1)	956.3	
		09/10/85	89.0(1)	957.3	
		09/17/85	90.0(1)	956.3	
		09/24/85	87.0(1)	959.3	
01S/04W-13N02 S	1048.8	10/02/84	89.7(1)	959.1	3847
		10/09/84	94.6(1)	954.2	
		10/16/84	102.5(1)	946.3	
		10/23/84	104.2(1)	944.6	
		10/30/84	101.4(1)	947.4	
		11/06/84	95.7(1)	953.1	
		11/13/84	99.4(1)	949.4	
		11/20/84	86.5(1)	962.3	
		11/27/84	73.4(1)	975.4	
		12/04/84	79.3(1)	969.5	
		12/11/84	97.6(1)	951.2	
		12/18/84	100.5(1)	948.3	
		12/24/84	18.3	1030.5	

Y SANTA ANA HB
Y-01 SANTA ANA RIVER HU
Y-01.E UPPER SANTA ANA RIVER HA
Y-01.E2 BUNKER HILL HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
01S/04W-13N02 S	1048.8	01/02/85	13.6	1035.2	3847
		01/08/85	12.4	1036.4	
		01/15/85	8.2	1040.6	
		01/22/85	9.7	1039.1	
		01/29/85	9.7	1039.1	
		02/05/85	10.9	1037.9	
		02/12/85	9.2	1039.6	
		02/19/85	10.2	1038.6	
		02/26/85	87.5(1)	961.3	
		03/05/85	93.6(1)	955.2	
		03/12/85	83.5(1)	965.3	
		03/19/85	88.6(1)	960.2	
		03/26/85	90.3(1)	958.5	
		04/02/85	77.4(1)	971.4	
		04/09/85	88.3(1)	960.5	
		04/16/85	101.6(1)	947.2	
		04/23/85	95.6(1)	953.2	
		04/30/85	97.4(1)	951.4	
		05/07/85	103.3(1)	945.5	
		05/14/85	105.6(1)	943.2	
		05/21/85	115.5(1)	933.5	
		05/28/85	138.5(1)	910.3	
		05/31/85	45.3	1003.5	
		07/02/85	157.4(1)	891.4	
		07/09/85	162.5(1)	886.3	
		07/16/85	163.3(1)	885.5	
		07/24/85	166.7(1)	882.1	
		07/31/85	48.2	1000.6	
		08/06/85	53.4	995.4	
		08/13/85	155.6(1)	893.2	
		08/20/85	158.5(1)	890.5	
		08/28/85	163.6(1)	885.2	
		09/03/85	153.7(1)	895.1	
		09/10/85	160.7(1)	888.1	
		09/17/85	160.6(1)	888.2	
		09/24/85	151.7(1)	897.1	
01S/04W-13P03 S	1067.0	10/02/84	47.0	1020.0	3847
		10/09/84	53.9	1013.1	
		10/16/84	42.8	1024.2	
		10/23/84	32.9	1034.1	
		10/30/84	39.8	1027.2	
		11/06/84	45.8	1021.2	
		11/13/84	51.7	1015.3	
		11/20/84	29.0	1038.0	
		11/27/84	21.6	1045.4	
		12/04/84	22.7	1044.3	
		12/11/84	25.9	1041.1	
		12/18/84	26.9	1040.1	
		12/24/84	18.7	1048.3	
		01/02/85	14.8	1052.2	
		01/08/85	14.9	1052.1	
		01/15/85	14.5	1052.5	
		01/22/85	16.0	1051.0	
		01/29/85	16.6	1050.4	
		02/05/85	18.7	1048.3	
		02/12/85	18.1	1048.9	
		02/19/85	17.5	1049.5	
		02/26/85	37.5	1029.5	
		03/05/85	30.8	1036.2	
		03/12/85	32.7	1034.3	
		03/19/85	30.8	1036.2	
		03/26/85	34.0	1033.0	
		04/02/85	40.5	1026.5	
		04/09/85	48.5	1018.5	
		04/16/85	50.8	1016.2	
		04/23/85	41.9	1025.1	
		04/30/85	56.7	1008.3	
		05/07/85	57.5	1009.5	
		05/14/85	62.8	1004.2	
		05/21/85	55.5	1011.5	
		05/28/85	61.6	1005.4	
		07/02/85	69.7(1)	997.3	
		07/09/85	71.4	995.6	
		07/16/85	73.8	993.2	
		07/24/85	73.7	993.3	
		07/31/85	66.5	1000.5	
		08/06/85	67.0	1000.0	
		08/13/85	68.2	998.8	
		08/20/85	64.5	1002.5	
		08/27/85	74.8(1)	992.2	
		09/03/85	68.8	998.2	
		09/10/85	65.7	1001.3	
		09/17/85	67.9	999.1	
		09/24/85	66.8(1)	1000.2	
01S/04W-14H03 S	1053.0	10/01/84	41.9	1011.1	9263
		11/01/84	37.6	1015.4	
		12/03/84	32.5	1020.5	
		01/02/85	17.9	1035.1	
		02/01/85	16.3	1036.7	
		03/01/85	34.2	1018.8	
		04/01/85	33.2	1019.8	
		05/01/85	41.7	1011.3	
		06/03/85	47.9	1005.1	
		07/01/85	51.1	1001.9	
		08/01/85	51.6	1001.4	
		09/01/85	56.2	996.8	
01S/04W-14N09 S	1020.0	12/22/84	1.5	1018.5	5208
01S/04W-14P02 S	1026.0	12/19/84	.8	1025.2	5208
01S/04W-14P06 S	1027.1	06/03/85	54.8	972.3	5208
		07/01/85	56.8	970.3	
		08/01/85	56.8	970.3	
01S/04W-15F05 S		10/19/84	FLOW		3230
		12/17/84	FLOW		

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

Y SANTA ANA HB
Y-01 SANTA ANA RIVER HU
Y-01.E UPPER SANTA ANA RIVER HA
Y-01.E2 BUNKER HILL HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
01S/04W-15F05 S		02/28/85	FLOW		3230
		04/23/85	FLOW		
		06/27/85	FLOW		
		08/28/85	NM-9		
01S/04W-15L03 S		12/05/84	FLOW		5717
		04/07/85	FLOW		
01S/04W-15M02 S	984.6	10/17/84	8.3	976.3	3230
		12/05/84	7.1	977.5	5717
		12/17/84	6.4	978.2	3230
		02/25/85	7.6	977.0	
		04/23/85	7.1	977.5	5717
		04/25/85	7.3	977.3	3230
		06/25/85	9.2	975.4	
		08/27/85	NM-2		
01S/04W-15N05 S	980.0	12/05/84	9.5	970.5	5717
		04/23/85	21.8	958.2	
01S/04W-16J09 S	979.0	12/05/84	1.5	977.5	5717
		04/23/85	1.8	977.2	
01S/04W-21B05 S		12/14/84	NM-9		5208
01S/04W-22A01 S	1000.0	06/03/85	22.7	977.3	5208
		07/01/85	17.9	982.1	
		08/01/85	17.9	982.1	
		09/03/85	23.5	976.5	
01S/04W-22B02 S	996.0	12/20/84	8.8	987.2	5208
01S/04W-22B03 S	999.0	10/17/84	7.9	991.1	3230
		11/19/84	FLOW		
		12/17/84	FLOW		
		02/28/85	FLOW		
		04/24/85	6.2	992.8	
		06/27/85	21.0	978.0	
		08/27/85	26.5	972.5	
01S/04W-22B05 S	996.0	06/03/85	20.8	975.2	5208
		07/01/85	21.4	974.6	
		08/01/85	21.4	974.6	
		09/03/85	26.0	970.0	
01S/04W-22C02 S	988.5	12/17/84	7.8	980.7	3230
		03/01/85	6.2	982.3	
		/22/85	7.5	981.0	
01S/04W-22E05 S	974.9	12/13/84	2.4	972.5	5208
01S/04W-22G14 S	994.0	06/03/85	23.5	970.5	5208
01S/04W-22G16 S	994.0	06/03/85	23.9	970.1	5208
01S/04W-22G17 S	994.0	06/03/85	24.4	969.6	5208
01S/04W-22G18 S	995.0	06/03/85	24.6	970.4	5208
01S/04W-22G19 S	995.0	06/03/85	23.4	971.6	5208
		07/01/85	24.1	970.9	
		08/01/85	24.1	970.9	
		09/03/85	29.8	965.2	
01S/04W-22L05 S	983.0	10/09/84	-1.2	984.2	5783
		11/06/84	FLOW		
		12/03/84	FLOW		
		02/13/85	FLOW		
		03/12/85	FLOW		
		04/09/85	FLOW		
01S/04W-22L08 S	980.2	10/09/84	8.8	971.4	5783
		11/06/84	1.1	979.1	
		12/03/84	-2.2	982.4	
		02/13/85	FLOW		
		03/12/85	FLOW		
		04/09/85	FLOW		
		07/10/85	29.8(1)	950.4	
		08/22/85	24.8	955.4	
01S/04W-22L09 S	986.0	10/09/84	32.8(1)	953.2	5783
		11/06/84	FLOW		
		12/03/84	FLOW		
		02/13/85	FLOW		
		03/12/85	FLOW		
		04/09/85	FLOW		
01S/04W-22L12 S		12/13/84	FLOW		5208
01S/04W-22L15 S	980.0	12/13/84	4.3	975.7	5208
01S/04W-22N02 S		12/22/84	FLOW		5208
01S/04W-23A01 S	1041.2	12/24/84	9.2	1032.0	3847
		05/07/85	62.2	979.0	
01S/04W-23A02 S	1045.0	10/02/84	47.3	997.7	3847
		10/09/84	64.4(1)	980.6	
		10/16/84	63.2(1)	981.8	
		10/23/84	42.2	1002.8	
		10/30/84	39.5	1005.5	
		11/06/84	63.2(1)	981.8	
		11/13/84	65.2(1)	979.8	
		11/20/84	51.3(1)	993.7	
		11/27/84	33.3	1011.7	
		12/04/84	33.2	1011.8	
		12/11/84	35.2	1009.8	
		12/18/84	34.2	1010.8	
		12/24/84	23.9	1021.1	

Y SANTA ANA HB
Y-01 SANTA ANA RIVER HU
Y-01.E UPPER SANTA ANA RIVER HA
Y-01.E2 BUNKER HILL HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
01S/04W-23A02 S	1045.0	01/02/85	17.2	1027.8	3847
		01/08/85	15.7	1029.3	
		01/15/85	15.2	1029.8	
		01/22/85	15.3	1029.7	
		01/29/85	15.1	1029.9	
		02/05/85	16.7	1028.3	
		02/12/85	15.0	1030.0	
		02/19/85	16.6	1028.4	
		02/26/85	33.2	1011.8	
		03/05/85	57.4(1)	987.6	
		03/12/85	57.2(1)	987.8	
		03/19/85	39.6	1005.4	
		03/26/85	34.4	1010.6	
		04/02/85	54.0(1)	991.0	
		04/09/85	55.0(1)	990.0	
		04/16/85	60.4(1)	984.6	
		04/23/85	61.4(1)	983.6	
		04/30/85	43.0	1002.0	
		05/01/85	45.0	1000.0	
		05/07/85	65.0(1)	980.0	
		05/14/85	64.2(1)	980.8	
		05/19/85	69.0(1)	976.0	
		05/28/85	53.1	991.9	
		07/02/85	74.1(1)	970.9	
		07/09/85	73.4(1)	971.6	
		07/16/85	74.0	971.0	
		07/24/85	81.1(1)	963.9	
		07/31/85	55.0	990.0	
		08/06/85	78.1(1)	966.9	
		08/13/85	78.4(1)	966.6	
		08/21/85	80.0(1)	965.0	
		08/27/85	59.2	985.8	
		09/03/85	59.3	985.7	
		09/10/85	76.4(1)	968.6	
		09/17/85	76.4(1)	968.6	
		09/24/85	77.3(1)	967.7	
01S/04W-23A05 S	1044.0	10/02/84	38.9	1005.1	3847
		10/09/84	92.0(1)	952.0	
		10/16/84	30.1	1013.9	
		10/23/84	19.8	1024.2	
		10/30/84	26.9	1017.1	
		11/06/84	83.8(1)	960.2	
		11/13/84	85.9(1)	958.1	
		11/20/84	16.7	1027.3	
		11/27/84	11.0	1033.0	
		12/04/84	10.8	1033.2	
		12/11/84	15.9	1028.1	
		12/18/84	18.8	1025.2	
		12/24/84	8.6	1035.4	
		01/02/85	3.1	1040.9	
		01/08/85	4.2	1039.8	
		01/15/85	3.7	1040.3	
		01/22/85	6.2	1037.8	
		01/29/85	6.1	1037.9	
		02/05/85	10.2	1033.8	
		02/12/85	1.3	1042.7	
		02/19/85	9.3	1034.7	
		02/26/85	72.8(1)	971.2	
		03/05/85	22.8	1021.2	
		03/12/85	25.9	1018.1	
		03/19/85	68.9(1)	975.1	
		03/26/85	30.2	1013.8	
		04/02/85	73.8(1)	970.2	
		04/09/85	85.8(1)	958.2	
		04/16/85	93.9(1)	950.1	
		04/23/85	36.8	1007.2	
		04/30/85	54.5	989.5	
		05/07/85	55.7	988.3	
		05/14/85	99.7(1)	944.3	
		05/21/85	54.7	989.3	
		05/28/85	62.8	981.2	
		07/02/85	63.9	980.1	
		07/09/85	68.8	975.2	
		07/16/85	71.7	972.3	
		07/24/85	60.9	983.1	
		07/31/85	58.7	985.3	
		08/06/85	65.8	978.2	
		08/13/85	66.8	977.2	
		08/20/85	60.8	983.2	
		08/27/85	68.1	975.9	
		09/03/85	118.9(1)	925.1	
		09/10/85	104.0(1)	940.0	
		09/17/85	106.1(1)	937.9	
		09/24/85	106.9(1)	937.1	
01S/04W-23C02 S	1025.0	07/01/85	55.4	969.6	5208
		08/01/85	55.4	969.6	
01S/04W-23G01 S	1044.7	12/24/84	12.5	1032.2	3847
		05/07/85	69.2	975.5	
01S/04W-23G03 S	1044.0	10/02/84	111.8(1)	932.2	3847
		10/09/84	107.9(1)	936.1	
		10/16/84	32.6	1011.4	
		10/23/84	22.8	1021.2	
		10/30/84	29.7	1014.3	
		11/06/84	105.8(1)	938.2	
		11/13/84	111.6(1)	932.4	
		11/20/84	76.9(1)	967.1	
		11/27/84	77.8(1)	966.2	
		12/04/84	66.8(1)	977.2	
		12/11/84	85.8(1)	958.2	
		12/18/84	90.7(1)	953.3	
		12/24/84	11.5	1032.5	
		01/02/85	6.8	1037.2	
		01/08/85	6.6	1037.4	
		01/15/85	7.0	1037.0	
		01/22/85	8.7	1035.3	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y	SANTA ANA HB				
Y-01	SANTA ANA RIVER HU				
Y-01.E	UPPER SANTA ANA RIVER HA				
Y-01.E2	BUNKER HILL HSA				
01S/04W-23G03 S	1044.0	01/29/85	9.3	1034.7	3847
		02/05/85	13.8	1030.2	
		02/12/85	4.1	1039.9	
		02/19/85	12.0	1032.0	
		02/26/85	92.6(1)	951.4	
		03/05/85	84.8(1)	959.2	
		03/12/85	87.7(1)	956.3	
		03/19/85	87.8(1)	956.2	
		03/26/85	90.9(1)	953.1	
		04/02/85	93.5(1)	950.5	
		04/09/85	107.5(1)	936.5	
		04/16/85	122.8(1)	921.2	
		04/23/85	101.7(1)	942.3	
		04/30/85	125.6(1)	918.4	
		05/07/85	122.5(1)	921.5	
		05/09/85	67.9	976.1	
		05/14/85	128.8(1)	915.2	
		05/21/85	127.5(1)	916.5	
		05/28/85	135.5(1)	908.5	
		07/02/85	145.6(1)	898.4	
		07/09/85	152.7(1)	891.3	
		07/16/85	150.6(1)	893.4	
		07/24/85	66.8	977.2	
		07/31/85	64.5	979.5	
		08/06/85	131.5(1)	912.5	
		08/13/85	134.7(1)	909.3	
		08/20/85	130.5(1)	913.5	
		08/27/85	140.7(1)	903.3	
		09/03/85	144.8(1)	899.2	
		09/10/85	138.8(1)	905.2	
		09/17/85	143.8(1)	900.2	
		09/24/85	146.8(1)	897.2	
01S/04W-23H01 S	1044.0	10/02/84	64.2(1)	979.8	3847
		10/09/84	62.1(1)	981.9	
		10/16/84	47.0	997.0	
		10/23/84	42.1	1001.9	
		10/30/84	39.0	1005.0	
		11/06/84	59.9(1)	984.1	
		11/13/84	62.2(1)	981.8	
		11/20/84	49.1(1)	994.9	
		11/27/84	47.9(1)	996.1	
		12/04/84	33.8	1010.2	
		12/11/84	52.0(1)	992.0	
		12/18/84	51.0(1)	993.0	
		12/24/84	23.6	1020.4	
		01/02/85	18.0	1026.0	
		01/08/85	16.8	1027.2	
		01/15/85	15.4	1028.6	
		01/22/85	15.7	1028.3	
		01/29/85	15.4	1028.6	
		02/05/85	17.2	1026.8	
		02/12/85	15.2	1028.8	
		02/19/85	15.4	1028.6	
		02/26/85	50.7(1)	993.3	
		03/05/85	39.1	1004.9	
		03/12/85	40.2	1003.8	
		03/19/85	38.0	1006.0	
		03/26/85	34.0	1010.0	
		04/02/85	37.6	1006.4	
		04/09/85	35.6	1008.4	
		04/16/85	57.7(1)	986.3	
		04/23/85	57.0(1)	987.0	
		04/30/85	58.6(1)	985.4	
		05/07/85	61.6(1)	982.4	
		05/14/85	46.9	997.1	
		05/21/85	51.6	992.4	
		05/28/85	67.8(1)	976.2	
		07/02/85	73.9(1)	970.1	
		07/09/85	73.9(1)	970.1	
		07/16/85	74.1(1)	969.9	
		07/24/85	76.8(1)	967.2	
		07/31/85	69.6(1)	974.4	
		08/06/85	76.9(1)	967.1	
		08/13/85	78.0(1)	966.0	
		08/20/85	78.7(1)	965.3	
		08/27/85	76.8(1)	967.2	
01S/04W-23K01 S	1044.0	10/02/84	61.9(1)	982.1	3847
		10/09/84	47.1	996.9	
		10/16/84	60.0(1)	984.0	
		10/23/84	55.9(1)	988.1	
		10/30/84	38.0	1006.0	
		11/06/84	41.9	1002.1	
		11/13/84	45.0	999.0	
		11/20/84	33.9	1010.1	
		11/27/84	44.8(1)	999.2	
		12/04/84	47.8(1)	996.2	
		12/11/84	48.9(1)	995.1	
		12/18/84	35.9	1008.1	
		12/24/84	25.5	1018.5	
		01/02/85	20.0	1024.0	
		01/08/85	18.9	1025.1	
		01/15/85	17.4	1026.6	
		01/22/85	17.5	1026.5	
		01/29/85	17.3	1026.7	
		02/05/85	19.4	1024.6	
		02/12/85	17.1	1026.9	
		02/19/85	12.6	1031.4	
		02/27/85	49.7(1)	994.3	
		03/05/85	52.9(1)	991.1	
		03/12/85	53.8(1)	990.2	
		03/19/85	53.9(1)	990.1	
		03/26/85	48.1(1)	995.9	
		04/02/85	36.7	1007.3	
		04/09/85	35.7	1008.3	
		04/16/85	40.8	1003.2	
		04/23/85	41.0	1003.0	
		04/30/85	45.7	998.3	
Y	SANTA ANA HB				
Y-01	SANTA ANA RIVER HU				
Y-01.E	UPPER SANTA ANA RIVER HA				
Y-01.E2	BUNKER HILL HSA				
01S/04W-23K01 S	1044.0	05/07/85	49.9	994.2	3847
		05/14/85	58.8(1)	985.2	
		05/21/85	65.9(1)	978.1	
		05/28/85	67.7(1)	976.3	
		07/02/85	70.9(1)	973.1	
		07/08/85	58.9	985.1	
		07/16/85	59.0	985.0	
		07/24/85	74.8(1)	969.2	
		07/31/85	67.7(1)	976.3	
		08/06/85	59.9	984.1	
		08/13/85	72.1(1)	971.9	
		08/20/85	75.7(1)	968.3	
		08/27/85	76.0(1)	968.0	
		09/03/85	76.9(1)	967.1	
		09/10/85	74.0(1)	970.0	
		09/17/85	74.9(1)	969.1	
		09/24/85	76.0(1)	968.0	
01S/04W-23K02 S	1044.0	10/02/84	70.2(1)	973.8	3847
		10/09/84	46.3	997.7	
		10/16/84	47.1	996.9	
		10/23/84	44.0	1000.0	
		10/30/84	40.2	1003.8	
		11/06/84	49.2	994.8	
		11/13/84	45.4	998.6	
		11/20/84	36.5	1007.5	
		11/27/84	35.2	1008.8	
		12/04/84	55.1(1)	988.9	
		12/11/84	37.1	1006.9	
		12/18/84	41.2(1)	1002.8	
		12/24/84	26.2	1017.8	
		01/02/85	21.2	1022.8	
		01/08/85	19.7	1024.3	
		01/15/85	18.3	1025.7	
		01/22/85	18.2	1025.8	
		01/29/85	18.2	1025.8	
		02/05/85	20.1	1023.9	
		02/12/85	18.0	1026.0	
		02/19/85	18.6	1025.4	
		02/26/85	53.9(1)	990.1	
		03/05/85	59.2(1)	984.8	
		03/12/85	59.3(1)	984.7	
		03/19/85	59.2(1)	984.8	
		03/26/85	36.3	1007.7	
		04/02/85	53.9(1)	990.1	
		04/09/85	35.9	1008.1	
		04/16/85	39.9	1004.1	
		04/23/85	40.0	1004.0	
		04/30/85	61.9(1)	982.1	
		05/07/85	65.9(1)	978.1	
		05/14/85	48.0	996.0	
		05/21/85	69.9(1)	974.1	
		05/28/85	71.0(1)	973.0	
		07/02/85	57.0	987.0	
		07/09/85	58.2	985.8	
		07/16/85	75.1(1)	968.9	
		07/24/85	80.0(1)	964.0	
		07/31/85	56.9	987.1	
01S/04W-23K03 S	1040.2	12/24/84	13.9	1026.3	3847
		05/07/85	66.3	973.9	
01S/04W-23001 S	1040.8	12/24/84	14.3	1026.5	3847
		05/07/85	63.2	977.6	
01S/04W-25B02 S		10/11/84	NM-7		9217
		01/02/85	NM-7		
		08/01/85	NM-7		
01S/04W-25D06 S	1075.0	12/17/84	29.2	1045.8	2980
		05/16/85	69.9(1)	1005.1	
01S/04W-25G01 S	1108.0	10/08/84	91.3	1016.7	5206
		11/08/84	98.0(1)	1010.0	
		12/03/84	47.0	1061.0	
		01/02/85	37.8	1070.2	
		02/01/85	41.9	1066.1	
		03/01/85	49.5	1058.5	
		04/01/85	93.8	1014.2	
		05/01/85	93.9(1)	1014.2	
		06/03/85	93.4	1014.6	
		07/01/85	108.0(1)	1000.0	
		08/01/85	109.0(1)	999.0	
		09/03/85	107.9(1)	1000.1	
01S/04W-25H02 S		01/02/85	NM-7		9217
	1123.0	06/04/85	72.0	1051.0	
		07/08/85	72.0	1051.0	
		08/01/85	73.0	1050.0	
01S/04W-27A02 S	1014.4	12/15/84	10.5	1003.9	5208
01S/04W-27A07 S		12/15/84	NM-4		5208
01S/04W-27A08 S	1017.0	12/15/84	23.8	993.2	5208
01S/04W-27A13 S	1017.0	12/15/84	13.4	1003.6	5208
01S/04W-27A19 S	1007.0	12/15/84	21.0	986.0	5208
01S/04W-27C07 S	990.0	12/13/84	13.0	977.0	5208
01S/04W-27H01 S	1020.0	09/03/85	35.2	984.8	5208
Y-01.E3	REDLANDS HSA				
01S/03W-24C01 S	1519.7	11/05/84	175.9	1343.8	3400
		01/09/85	177.6	1342.1	
		02/13/85	178.8	1340.9	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y SANTA ANA HB					
Y-01 SANTA ANA RIVER HU					
Y-01.E UPPER SANTA ANA RIVER HA					
Y-01.E3 REDLANDS HSA					
01S/03W-24C01 S	1519.7	03/19/85	180.9	1338.8	3400
		05/09/85	194.5	1325.2	
		08/19/85	199.0	1320.7	
01S/03W-26C01 S	1440.0	10/08/84	141.8	1298.2	5206
		11/09/84	143.7	1296.3	
		12/04/84	143.0	1297.0	
		01/02/85	145.3	1294.7	
		02/01/85	141.7	1298.3	
		03/01/85	145.0	1295.0	
		04/01/85	146.0	1294.0	
		05/01/85	147.0	1293.0	
		06/01/85	151.0	1289.0	
		07/01/85	151.3	1288.7	
		08/01/85	154.0	1286.0	
		09/01/85	155.0	1285.0	
01S/03W-32J02 S	1368.6	10/08/84	218.2(1)	1150.4	5206
		11/07/84	174.2	1194.4	
		12/03/84	151.5	1217.1	
		01/02/85	145.2	1223.4	
		02/01/85	144.8	1223.8	
		03/01/85	168.5	1200.1	
		04/01/85	169.2	1199.4	
		05/01/85	214.2(1)	1154.4	
		06/03/85	161.6	1207.0	
		07/01/85	220.7(1)	1147.9	
		08/01/85	226.2(1)	1142.4	
		09/03/85	221.2(1)	1147.4	
Y-01.E4 MENTONE HSA					
01S/02W-18R01 S		10/29/84	NM-1		3400
	1762.6	01/09/85	184.3	1578.3	
		02/13/85	186.0	1576.6	
		03/21/85	189.4	1573.2	
		05/10/85	191.8	1570.8	
		08/19/85	NM-1		
01S/02W-19G01 S	1688.6	10/29/84	126.0	1562.6	3400
01S/02W-19K01 S	1723.9	10/04/84	134.9	1589.0	5206
		11/07/84	133.4	1590.5	
		12/04/84	130.9	1593.0	
		01/02/85	130.4	1593.5	
		02/01/85	130.8	1593.1	
		03/01/85	138.6	1585.3	
		04/01/85	138.9	1585.0	
		05/01/85	139.2	1584.7	
		06/03/85	138.5	1585.4	
		07/01/85	139.4	1584.5	
		08/01/85	168.6(1)	1555.3	
		09/03/85	185.1(1)	1538.8	
01S/02W-20B01 S	1880.0	10/04/84	138.0	1742.0	5206
		10/29/84	140.9	1739.1	3400
		11/08/84	141.5	1738.5	5206
		12/04/84	143.5	1736.5	
		01/02/85	144.5	1735.5	
		01/09/85	143.3	1736.7	3400
		02/01/85	128.4	1751.6	5206
		02/13/85	111.8	1768.2	3400
		03/01/85	69.5	1810.5	5206
		03/07/85	67.4	1812.6	3400
		03/19/85	63.2	1816.8	
		04/01/85	73.8	1806.2	5206
		05/01/85	78.0	1802.0	
		05/09/85	78.8	1801.2	3400
		06/03/85	29.1	1850.9	5206
		07/01/85	103.2	1776.8	
		08/01/85	113.8	1766.2	
		08/19/85	117.2	1762.8	3400
		09/03/85	57.4	1822.6	5206
01S/02W-21D01 S	1965.0	10/04/84	58.5	1906.5	5206
		10/29/84	59.2	1905.8	3400
		11/08/84	59.5	1905.5	5206
		12/04/84	58.3	1906.7	
		01/02/85	33.0	1932.0	
		01/09/85	36.9	1928.1	3400
		02/01/85	22.3	1942.7	5206
		02/13/85	19.9	1945.1	3400
		02/18/85	19.1	1945.9	
		03/01/85	18.0	1947.0	5206
		04/01/85	23.0	1942.0	
		05/01/85	28.5	1936.5	
		05/09/85	29.3	1935.7	3400
		06/03/85	49.9	1915.1	5206
		07/01/85	49.4	1915.6	
		08/01/85	46.0	1919.0	
		08/19/85	54.7	1910.3	3400
		09/03/85	57.8	1907.2	5206
01S/02W-30B03 S	1709.4	10/29/84	73.8	1635.6	3400
		03/19/85	74.3	1635.1	
01S/02W-30C01 S		10/29/84	NM-2		3400
Y-01.E5 RESERVOIR HSA					
01S/02W-29M01 S	1851.8	10/29/84	216.7	1635.1	3400
		03/19/85	204.2	1647.6	
01S/03W-35G07 S	1565.5	10/03/84	69.0(1)	1496.5	5206
		11/07/84	44.8	1520.7	
		12/03/84	43.8	1521.7	
		01/02/85	43.3	1522.2	
		02/01/85	42.5	1523.0	
		03/01/85	44.5	1521.0	
Y SANTA ANA HB					
Y-01 SANTA ANA RIVER HU					
Y-01.E UPPER SANTA ANA RIVER HA					
Y-01.E5 RESERVOIR HSA					
01S/03W-35G07 S	1565.5	04/01/85	45.3	1520.2	5206
		05/31/85	46.3	1519.2	
		06/03/85	53.7	1511.8	
		07/01/85	123.8(1)	1441.7	
		08/01/85	117.0(1)	1448.5	
		09/03/85	113.1(1)	1452.4	
01S/03W-35G08 S	1565.8	10/03/84	50.5	1515.3	5206
		11/07/84	46.7	1519.1	
		12/03/84	45.6	1520.2	
		01/02/85	45.0	1520.8	
		02/01/85	40.3	1525.5	
		03/01/85	46.3	1519.5	
		04/01/85	47.5	1518.3	
		05/01/85	48.8	1517.0	
		06/03/85	76.7	1489.1	
		07/01/85	90.9(1)	1474.9	
		08/01/85	88.3(1)	1477.5	
		09/03/85	97.2(1)	1468.6	
01S/03W-35G09 S	1576.7	10/05/84	79.5	1497.2	5206
		11/07/84	71.5	1505.2	
		12/03/84	70.5	1506.2	
		01/02/85	69.8	1506.9	
		02/01/85	69.0	1507.7	
		03/01/85	70.5	1506.2	
		04/01/85	71.6	1505.1	
		05/01/85	72.8	1503.9	
		06/03/85	104.2	1472.5	
		07/01/85	88.8	1487.9	
		08/01/85	88.5	1488.2	
		09/03/85	98.2	1478.5	
01S/03W-35G11 S	1560.0	10/03/84	35.3	1524.7	5206
		11/07/84	29.4	1530.6	
		12/03/84	28.3	1531.7	
		01/02/85	27.8(1)	1532.2	
		02/01/85	27.6	1532.4	
		03/01/85	29.0	1531.0	
		04/01/85	30.3	1529.7	
		05/01/85	31.5	1528.5	
		06/03/55	38.2	1521.8	
		07/01/85	41.3	1518.7	
		08/01/85	43.5	1516.5	
		09/03/85	51.5	1508.5	
01S/03W-35H02 S	1568.0	10/03/84	53.9	1514.1	5206
		11/07/84	45.9	1522.1	
		12/03/84	44.9	1523.1	
		01/02/85	44.2	1523.8	
		02/01/85	43.7	1524.3	
		03/01/85	45.7	1522.3	
		04/01/85	46.9	1521.1	
		05/01/85	48.1	1519.9	
		06/03/85	52.9	1515.1	
		07/01/85	62.4	1505.6	
		08/01/85	64.6	1503.4	
		09/03/85	85.2	1482.8	
01S/03W-35H03 S	1571.1	10/03/84	57.7	1513.4	5206
		11/07/84	51.1	1520.0	
		12/03/84	49.9	1521.2	
		01/02/85	49.6	1521.5	
		02/01/85	48.9	1522.2	
		03/01/85	49.7	1521.4	
		04/01/85	49.4	1521.7	
		05/01/85	49.4	1521.7	
		06/03/85	63.0	1508.1	
		07/01/85	63.3	1507.8	
		08/01/85	65.2	1505.9	
		09/03/85	103.9(1)	1467.2	
01S/03W-35H04 S	1585.3	10/03/84	65.0	1520.3	5206
		11/07/84	60.3	1525.0	
		12/03/84	59.0	1526.3	
		01/02/85	58.8	1526.5	
		02/01/85	58.1	1527.2	
		03/01/85	59.3	1526.0	
		04/01/85	60.3	1525.0	
		05/01/85	61.3	1524.0	
		06/03/85	64.1	1521.2	
		07/01/85	70.0	1515.3	
		08/01/85	72.0	1513.3	
		09/03/85	87.9	1497.4	
Y-01.E6 CRAFTON HSA					
02S/03W-01D01 S	1789.6	10/03/84	218.6(1)	1571.0	5206
		11/07/84	191.8	1597.8	
		12/03/84	187.1	1602.5	
		01/02/85	183.4	1606.2	
		02/01/85	180.1	1609.5	
		03/01/85	177.8	1611.8	
		04/01/85	175.6	1614.0	
		05/31/85	197.6(1)	1592.0	
		06/03/85	200.6	1589.0	
		07/01/85	189.1(1)	1600.5	
		08/01/85	211.6(1)	1578.0	
		09/03/85	214.6(1)	1575.0	
Y-01.E7 SANTA ANA CANYON HSA					
01S/02W-13A01 S	2970.0	10/04/84	12.0	2958.0	5206
		11/07/84	12.8	2957.2	
		12/04/84	12.0	2958.0	
		01/02/85	12.8	2957.2	
		02/01/85	12.5	2957.5	
		03/01/85	12.4	2957.6	
		04/01/85	12.5	2957.5	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y SANTA ANA HB					
Y-01 SANTA ANA RIVER HU					
Y-01.E UPPER SANTA ANA RIVER HA					
Y-01.E7 SANTA ANA CANYON HSA					
01S/02W-13A01 S	2970.0	05/01/85	12.0	2958.0	5206
		06/03/85	12.2	2957.8	
		07/01/85	12.5	2957.5	
		08/01/85	13.3	2956.7	
		09/03/85	13.9	2956.1	
Y-01.E8 MILL CREEK CANYON HSA					
01S/01W-08G01 S	3570.0	10/05/84	35.5	3534.5	5206
		11/07/84	49.2(1)	3520.8	
		12/04/84	75.0(1)	3495.0	
		01/02/85	11.5	3558.5	
		02/01/85	10.8	3559.2	
		03/01/85	12.0	3558.0	
		04/01/85	12.0	3558.0	
		05/01/85	12.2	3557.8	
		06/03/85	13.2	3556.8	
		07/01/85	70.6(1)	3499.4	
		08/01/85	36.8(1)	3533.2	
		09/03/85	26.6(1)	3543.4	
01S/01W-10L01 S	4140.0	10/05/84	99.5	4040.5	5206
		11/07/84	111.5(1)	4028.5	
		12/04/84	121.3(1)	4018.7	
		01/02/85	113.9(1)	4026.1	
		02/01/85	127.7(1)	4012.3	
		03/01/85	136.0(1)	4004.0	
		04/01/85	128.5	4011.5	
		05/01/85	122.0(1)	4018.0	
		06/01/85	54.1	4085.9	
		07/01/85	139.0(1)	4001.0	
		08/01/85	135.7(1)	4004.3	
		09/01/85	138.5(1)	4001.5	
01S/01W-11001 S	4575.0	10/05/84	107.3	4467.7	5206
		11/07/84	117.5(1)	4457.5	
		12/04/84	122.5(1)	4452.5	
		01/02/85	121.2(1)	4453.8	
		02/01/85	75.4	4499.6	
		03/01/85	70.0	4505.0	
		04/01/85	65.0	4510.0	
		05/01/85	58.1	4516.9	
		06/01/85	55.7	4519.3	
		07/01/85	108.3(1)	4466.7	
		08/01/85	113.0(1)	4462.0	
		09/01/85	113.3(1)	4461.7	
01S/02W-09901 S	2155.0	10/29/84	116.1	2038.9	3400
		03/21/85	23.0	2132.0	
01S/02W-21B02 S	2090.0	10/04/84	28.2	2061.8	5206
		10/29/84	29.5	2060.5	3400
		11/08/84	29.6	2060.4	5206
		12/04/84	29.2	2060.8	
		01/02/85	18.9	2071.1	
		02/01/85	16.4	2073.6	
		03/01/85	15.2	2074.8	
		03/19/85	15.9	2074.1	3400
		04/01/85	17.5	2072.5	5206
		05/01/85	19.5	2070.5	
		06/03/85	23.1	2066.9	
		07/01/85	27.1	2062.9	
		08/01/85	29.2	2060.8	
		09/03/85	31.2	2058.8	
01S/02W-21E01 S	2015.9	10/04/84	51.3	1964.6	5206
		11/08/84	52.0	1963.9	
		12/04/84	50.0	1965.9	
		01/02/85	32.0	1983.9	
		02/01/85	24.0	1991.9	
		03/01/85	19.8	1996.1	
		04/01/85	22.5	1993.4	
		05/01/85	26.0	1989.9	
		06/03/85	33.9	1982.0	
		07/01/85	42.9	1973.0	
		08/01/85	47.0	1968.9	
		09/03/85	50.8	1965.1	
01S/02W-21M01 S	1955.3	10/04/84	27.3	1928.0	5206
		11/08/84	27.4	1927.9	
		12/04/84	26.1	1929.2	
		01/02/85	25.1	1930.2	
		02/01/85	22.1	1933.2	
		03/01/85	17.4	1937.9	
		04/01/85	15.1	1940.2	
		05/01/85	14.0	1941.3	
		06/03/85	14.6	1940.7	
		07/01/85	17.1	1938.2	
		08/01/85	18.9	1936.4	
		09/03/85	22.9	1932.4	
01S/02W-22C02 S	2260.0	10/04/84	39.5	2220.5	5206
		11/18/84	40.0	2220.0	
		12/04/84	40.0	2220.0	
		01/02/85	39.0	2221.0	
		02/01/85	39.0	2221.0	
		03/01/85	39.3	2220.7	
		04/01/85	39.0	2221.0	
		05/01/85	39.5	2220.5	
		06/03/85	29.7	2230.3	
		07/01/85	39.7	2220.3	
		08/01/85	40.5	2219.5	
		09/03/85	36.3	2223.7	
Y-01.E9 SYCANORE HSA					
01N/04W-31D02 S	1266.8	07/10/85	109.0(1)	1157.8	5783
01N/04W-31N02 S	1237.0	05/01/85	31.2	1205.8	3368
Y SANTA ANA HB					
Y-01 SANTA ANA RIVER HU					
Y-01.E UPPER SANTA ANA RIVER HA					
Y-01.E9 SYCANORE HSA					
01N/04W-31N02 S	1237.0	06/01/85	40.2	1196.8	3368
		07/02/85	40.2	1196.8	
		08/01/85	50.2	1186.8	
		09/01/85	49.2	1187.8	
01N/04W-31P03 S	1206.4	02/01/85	-1.2	1207.6	4124
		03/01/85	-1.3	1207.7	
		04/01/85	2.6	1203.8	
		05/01/85	5.6	1200.8	
		05/23/85	30.7	1175.7	
		06/03/85	11.5	1194.9	
		07/01/85	22.1	1184.3	
		08/01/85	25.0	1181.4	
		09/03/85	28.6	1177.8	
01N/05W-15D02 S	1590.8	11/29/84	152.0	1438.8	4706
		04/30/85	166.3	1424.5	
		07/19/85	191.1(1)	1399.7	
		07/30/85	193.5(1)	1397.3	
		08/15/85	195.9(1)	1394.9	
		09/03/85	199.0(1)	1391.8	
01N/05W-22A01 S	1549.8	11/29/84	116.5	1433.3	4706
		02/27/85	123.0	1426.8	
		07/19/85	150.5(1)	1399.3	
		07/30/85	151.3(1)	1398.5	
		08/15/85	154.3(1)	1395.5	
		09/03/85	157.2(1)	1392.6	
01N/05W-23A01 S	1514.0	10/05/84	79.0	1435.0	4793
		10/12/84	79.0	1435.0	
		10/19/84	79.0	1435.0	
		11/09/84	119.0(1)	1395.0	
		11/16/84	119.0(1)	1395.0	
		11/23/84	119.0(1)	1395.0	
		11/30/84	79.0	1435.0	
		12/07/84	71.0	1443.0	
		12/14/84	71.0	1443.0	
		12/28/84	71.0	1443.0	
		01/04/85	115.0(1)	1399.0	
		01/11/85	115.0(1)	1399.0	
		01/18/85	79.0	1435.0	
		02/01/85	119.0(1)	1395.0	
		02/08/85	71.0	1443.0	
		02/19/85	71.0	1443.0	
		02/22/85	71.0	1443.0	
		03/01/85	71.0	1443.0	
		03/08/85	71.0	1443.0	
		03/15/85	71.0	1443.0	
		03/22/85	115.0(1)	1399.0	
		03/29/85	115.0(1)	1399.0	
		04/05/85	115.0(1)	1399.0	
		04/12/85	115.0	1399.0	
		04/19/85	115.0	1399.0	
		04/25/85	115.0(1)	1399.0	
		05/03/85	115.0(1)	1399.0	
		05/09/85	115.0	1399.0	
		05/17/85	115.0	1399.0	
		05/29/85	115.0	1399.0	
		06/03/85	115.0	1399.0	
		06/12/85	NM-9		
		06/24/85	NM-9		
		07/08/85	NM-9		
		07/16/85	82.0	1432.0	
		07/29/85	131.0(1)	1383.0	
		08/05/85	143.0(1)	1371.0	
		08/12/85	144.0(1)	1370.0	
		08/19/85	144.0(1)	1370.0	
		08/26/85	144.0(1)	1370.0	
		09/03/85	115.0	1399.0	
		09/09/85	144.0(1)	1370.0	
		09/16/85	144.0(1)	1370.0	
		09/23/85	146.0(1)	1368.0	
		09/30/85	144.0(1)	1370.0	
01N/05W-23A02 S	1507.0	10/05/84	65.0	1442.0	4793
		10/12/84	65.0	1442.0	
		10/19/84	100.0(1)	1407.0	
		11/09/84	100.0(1)	1407.0	
		11/16/84	65.0	1442.0	
		11/23/84	65.0	1442.0	
		11/30/84	65.0	1442.0	
		12/07/84	100.0(1)	1407.0	
		12/14/84	100.0(1)	1407.0	
		12/28/84	100.0(1)	1407.0	
		01/04/85	65.0	1442.0	
		01/11/85	65.0	1442.0	
		01/18/85	65.0	1442.0	
		02/01/85	65.0	1442.0	
		02/08/85	65.0	1442.0	
		02/19/85	101.0(1)	1406.0	
		02/22/85	101.0(1)	1406.0	
		03/01/85	65.0	1442.0	
		03/08/85	101.0(1)	1406.0	
		03/15/85	101.0(1)	1406.0	
		03/22/85	101.0	1406.0	
		03/29/85	101.0	1406.0	
		04/05/85	101.0(1)	1406.0	
		04/12/85	101.0	1406.0	
		04/19/85	101.0	1406.0	
		04/25/85	101.0	1406.0	
		05/03/85	101.0	1406.0	
		05/09/85	101.0	1406.0	
		05/17/85	101.0	1406.0	
		05/29/85	101.0(1)	1406.0	
		06/03/85	101.0(1)	1406.0	
		06/12/85	101.0	1406.0	
		06/24/85	101.0(1)	1406.0	
		07/08/85	133.0(1)	1374.0	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y SANTA ANA HG					
Y-01 SANTA ANA RIVER HU					
Y-01.E UPPER SANTA ANA RIVER HA					
Y-01.E9 SYCAMORE HSA					
01N/05W-23A02 S	1507.0	07/16/85	130.0(1)	1377.0	4793
		07/29/85	130.0(1)	1377.0	
		08/05/85	92.0	1415.0	
		08/12/85	92.0	1415.0	
		08/19/85	133.0(1)	1374.0	
		08/26/85	133.0(1)	1374.0	
		09/03/85	130.0(1)	1377.0	
		09/09/85	133.0(1)	1374.0	
		09/16/85	130.0(1)	1377.0	
		09/23/85	131.0(1)	1376.0	
		09/30/85	133.0	1374.0	
01N/05W-23H01 S	1496.2	10/05/84	66.2	1430.0	4793
		10/12/84	66.2	1430.0	
		10/19/84	66.2	1430.0	
		11/09/84	66.2	1430.0	
		11/16/84	66.2	1430.0	
		11/23/84	66.2	1430.0	
		11/30/84	66.2	1430.0	
		12/07/84	66.2	1430.0	
		12/14/84	66.2	1430.0	
		12/28/84	75.2	1421.0	
		01/04/85	66.2	1430.0	
		01/11/85	73.2	1423.0	
		01/18/85	90.2(1)	1406.0	
		02/01/85	66.2	1430.0	
		02/08/85	66.2	1430.0	
		02/19/85	66.2	1430.0	
		02/22/85	66.2	1430.0	
		03/01/85	90.2(1)	1406.0	
		03/08/85	66.2	1430.0	
		03/15/85	90.2(1)	1406.0	
		03/22/85	90.2	1406.0	
		03/29/85	90.2	1406.0	
		04/05/85	90.2(1)	1406.0	
		04/12/85	90.2(1)	1406.0	
		04/19/85	90.2	1406.0	
		04/25/85	90.2	1406.0	
		05/03/85	90.2	1406.0	
		05/09/85	90.2(1)	1406.0	
		05/17/85	90.2(1)	1406.0	
		05/29/85	90.2(1)	1406.0	
		06/03/85	90.2	1406.0	
		06/12/85	100.2(1)	1396.0	
		06/24/85	90.2	1406.0	
		07/08/85	103.2(1)	1393.0	
		07/16/85	95.2	1401.0	
		07/29/85	90.2	1406.0	
		08/05/85	90.2	1406.0	
		08/12/85	90.2	1406.0	
		08/19/85	90.2	1406.0	
		08/26/85	90.2	1406.0	
		09/03/85	81.2	1415.0	
		09/09/85	81.2	1415.0	
		09/16/85	90.2	1406.0	
		09/23/85	110.2(1)	1386.0	
		09/30/85	90.2	1406.0	
01N/05W-23K01 S		04/01/85	NN-7		4706
01N/05W-23O01 S	1430.0	10/01/84	47.0(1)	1383.0	3368
		11/01/84	49.0(1)	1381.0	
		12/01/84	49.0(1)	1381.0	
		12/03/84	12.7	1417.3	4124
		01/02/85	36.0	1394.0	3368
		02/01/85	21.3	1408.7	4124
		03/01/85	25.0	1405.0	
		04/01/85	29.3	1400.7	
		05/01/85	49.0(1)	1381.0	3368
		06/01/85	75.0(1)	1355.0	
		06/03/85	134.7(1)	1295.3	4124
		07/01/85	42.7	1387.3	
		07/02/85	71.0(1)	1359.0	3368
		08/01/85	46.4	1383.6	4124
		09/01/85	82.0(1)	1348.0	3368
		09/03/85	47.3	1382.7	4124
01N/05W-25E01 S	1383.4	10/01/84	31.7	1351.7	4124
		11/01/84	39.2(1)	1344.2	
		12/03/84	29.8	1353.6	
		01/02/85	41.2	1342.2	
		02/01/85	42.9(1)	1340.5	
		03/01/85	33.3	1350.1	
		04/01/85	46.2	1337.2	
		05/01/85	49.3(1)	1334.1	
		05/23/85	54.0	1329.4	
		06/03/85	45.2	1338.2	
		07/01/85	52.8(1)	1330.6	
		08/01/85	56.2(1)	1327.2	
		09/03/85	57.7(1)	1325.7	
01N/05W-26A03 S	1398.0	10/01/84	25.9	1372.1	4124
		11/01/84	26.1	1371.9	
		12/03/84	25.1	1372.9	
		01/02/85	27.9	1370.1	
		02/01/85	29.0	1369.0	
		03/01/85	30.5	1367.5	
		04/01/85	55.1(1)	1342.9	
		05/01/85	56.2(1)	1341.8	
		06/03/85	40.4	1357.6	
		06/20/85	53.0	1345.0	
		07/01/85	62.8(1)	1335.2	
		08/01/85	64.8(1)	1333.2	
		09/03/85	66.6(1)	1331.4	
01N/05W-36H04 S	1274.2	10/01/84	37.7	1236.5	4124
		11/01/84	53.6	1220.6	
		12/03/84	50.7	1223.5	
		01/02/85	50.0	1224.2	

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y SANTA ANA HG					
Y-01 SANTA ANA RIVER HU					
Y-01.E UPPER SANTA ANA RIVER HA					
Y-01.E9 SYCAMORE HSA					
01N/05W-36H04 S	1274.2	02/01/85	56.4	1217.8	4124
		03/01/85	58.0	1216.2	
		04/01/85	81.0(1)	1193.2	
		05/01/85	75.0(1)	1199.2	
		06/03/85	86.0(1)	1188.2	
		06/21/85	96.0	1178.2	
		07/01/85	90.2(1)	1184.0	
		08/01/85	98.2(1)	1176.0	
		09/03/85	110.0(1)	1164.2	
01N/05W-36J03 S	1261.5	10/01/84	38.9	1222.6	4124
		11/01/84	58.6(1)	1202.9	
		12/03/84	51.5(1)	1210.0	
		01/02/85	50.3(1)	1211.2	
		02/01/85	53.6(1)	1207.9	
		03/01/85	55.3	1206.2	
		04/01/85	49.0	1212.5	
		05/01/85	47.5	1214.0	
		06/03/85	59.6	1201.9	
		06/21/85	83.1	1178.4	
		07/01/85	64.8	1196.7	
		08/01/85	68.8	1192.7	
		09/03/85	76.3	1185.2	
01N/05W-36R01 S	1247.4	10/01/84	26.9	1220.5	3230
		10/19/84	52.4(1)	1195.0	
		11/19/84	58.2(1)	1189.2	
		12/26/84	61.0(1)	1186.4	
		01/30/85	60.7(1)	1186.7	
		02/28/85	67.4(1)	1180.0	
		03/22/85	67.2(1)	1180.2	
		04/22/85	69.5(1)	1177.9	
		05/31/85	44.2	1203.2	
		06/27/85	69.2(1)	1178.2	
		08/01/85	92.4(1)	1155.0	
		08/27/85	93.2(1)	1154.2	
		09/18/85	93.2(1)	1154.2	
Y-01.F SAN TINOTEO HA					
Y-01.F1 YUCAIPA HSA					
01S/02W-34N02 S		10/05/84	NM-1		5206
	2162.4	01/02/85	202.0	1960.4	
		02/01/85	275.0	1887.4	
		03/01/85	223.0	1939.4	
		04/01/85	250.0	1912.4	
		05/01/85	290.0	1872.4	
		06/01/85	306.4	1856.0	
		07/01/85	325.0(1)	1837.4	
		08/01/85	289.0(1)	1873.4	
		09/01/85	331.3(1)	1831.1	
02S/01W-08E01 S	2812.6	10/30/84	56.0	2756.6	5419
		11/29/84	217.0(1)	2595.6	
		12/18/84	55.0	2757.6	
		12/28/84	119.0	2693.6	
		01/15/85	57.0	2755.6	
		02/12/85	56.0	2756.6	
		03/20/85	204.0(1)	2608.6	
		03/29/85	55.0	2757.6	
		04/16/85	57.0	2755.6	
		05/21/85	58.0	2754.6	
		06/25/85	59.0	2753.6	
		07/25/85	60.0	2752.6	
		08/30/85	62.0	2750.6	
Y-01.F2 BEAUMONT HSA					
02S/03W-03G01 S	1680.0	02/01/85	176.9	1503.1	5206
		03/01/85	176.9	1503.1	
		04/01/85	176.3	1503.7	
		05/01/85	176.3	1503.7	
		06/01/85	156.7	1523.3	
		07/01/85	175.9	1504.1	
		08/01/85	176.0	1504.0	
		09/01/85	177.3	1502.7	
Y-01.F3 CHERRY VALLEY HSA					
02S/02W-14J02 S	2419.0	12/19/84	163.5	2255.5	6224
		06/25/85	163.5	2255.5	
		08/14/85	159.5	2259.5	
Y-01.F4 CHICKEN HILL HSA					
02S/02W-02Q02 S	2360.0	10/30/84	262.0	2098.0	5419
		11/29/84	255.0	2105.0	
		12/19/84	257.0	2103.0	
		01/15/85	372.0(1)	1988.0	
		02/12/85	259.0	2101.0	
		03/20/85	252.0	2108.0	
		04/16/85	349.0(1)	2011.0	
		05/21/85	342.0	2018.0	
		06/26/85	256.0	2104.0	
		07/25/85	249.0	2111.0	
		08/30/85	247.0	2113.0	
02S/02W-02M02 S	2380.0	10/30/84	227.0	2153.0	5419
		11/30/84	228.0	2152.0	
		12/18/84	226.0	2154.0	
		01/15/85	232.0	2148.0	
		02/12/85	232.0	2148.0	
		03/21/85	232.0	2148.0	
		04/16/85	232.0	2148.0	
		05/21/85	231.0	2149.0	
		06/25/85	230.0	2150.0	
		07/25/85	229.0	2151.0	
		08/30/85	229.0	2151.0	

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y SANTA ANA HB					
Y-01 SANTA ANA RIVER HU					
Y-01.F SAN TIMOTEO HA					
Y-01.F4 CHICKEN HILL HSA					
02S/02W-02N01 S	2330.0	10/30/84	198.0	2132.0	5419
		11/29/84	204.0	2126.0	
		01/15/85	203.0	2127.0	
		02/12/85	203.0	2127.0	
		03/22/85	203.0	2127.0	
		04/16/85	200.0	2130.0	
		05/21/85	200.0	2130.0	
		06/25/85	199.0	2131.0	
		07/25/85	197.0	2133.0	
		08/30/85	196.0	2134.0	
02S/02W-03L01 S	2371.5	10/05/84	201.5	1970.0	5206
		11/08/84	217.5(1)	1954.0	
		01/02/85	152.0	2019.5	
		02/01/85	142.9	2028.6	
		03/01/85	137.0	2034.5	
		04/01/85	132.4	2039.1	
		05/01/85	127.8	2043.7	
		06/03/85	186.4	1985.1	
		07/01/85	203.5(1)	1968.0	
		08/01/85	200.3(1)	1971.2	
		09/03/85	185.9(1)	1985.6	
02S/02W-10C01 S	2240.0	01/02/85	162.0	2078.0	5206
		02/01/85	155.8	2084.2	
		03/01/85	150.0	2090.0	
		04/01/85	152.3	2087.7	
		05/01/85	142.3	2097.7	
		06/03/85	172.3	2067.7	
		07/01/85	198.0(1)	2042.0	
		08/01/85	199.5(1)	2040.5	
		09/03/85	196.9(1)	2043.1	
02S/02W-11D01 S	2320.0	06/25/85	157.0	2163.0	5419
		07/25/85	157.0	2163.0	
		08/30/85	157.0	2163.0	
02S/02W-11D02 S	2320.0	10/30/84	158.0	2162.0	5419
		11/30/84	158.0	2162.0	
		12/18/84	157.0	2163.0	
		01/15/85	161.0	2159.0	
		02/12/85	160.0	2160.0	
		03/29/85	162.0	2158.0	
		04/16/85	158.0	2162.0	
		05/21/85	157.0	2163.0	
		06/25/85	157.0	2163.0	
		07/29/85	157.0	2163.0	
		08/30/85	157.0	2163.0	
Y-01.F5 GATEWAY HSA					
01S/01W-30E01 S	2818.9	10/30/84	280.0(1)	2536.9	5419
		11/29/84	259.0	2557.9	
		12/18/84	257.0	2559.9	
		01/15/85	282.0(4)	2534.9	
		02/12/85	264.0	2552.9	
		03/21/85	263.0	2553.9	
		04/16/85	262.0	2554.9	
		05/21/85	284.0(1)	2532.9	
		06/25/85	284.0(1)	2532.9	
		07/25/85	288.0(1)	2528.9	
		08/30/85	272.0	2544.9	
01S/01W-30G01 S	2933.0	10/31/84	229.0	2704.0	5419
		11/29/84	226.0	2707.0	
		12/19/84	226.0	2707.0	
		01/15/85	229.0	2704.0	
		02/12/85	229.0	2704.0	
		03/05/85	229.0	2704.0	
		04/16/85	407.0(5)	2526.0	
		05/16/85	254.0(5)	2679.0	
		06/26/85	252.0(1)	2681.0	
		07/25/85	256.0(3)	2677.0	
		08/30/85	224.0	2709.0	
01S/02W-25K02 S	2764.0	10/30/84	210.0	2554.0	5419
		11/30/84	NM-9		
		12/28/84	NM-9		
		01/15/85	215.0	2549.0	
		02/12/85	217.0	2547.0	
		04/16/85	213.0	2551.0	
		05/21/85	212.0	2552.0	
		07/25/85	232.0	2532.0	
		08/30/85	210.0	2554.0	
01S/02W-25M02 S	2610.0	10/31/84	257.0(1)	2353.0	5419
		11/29/84	195.0	2415.0	
		12/19/84	197.0	2413.0	
		01/15/85	185.0	2425.0	
		02/12/85	180.0	2430.0	
		03/29/85	173.0	2437.0	
		04/17/85	171.0	2439.0	
		05/21/85	260.0	2350.0	
		06/26/85	264.0(1)	2346.0	
		07/25/85	280.0(1)	2330.0	
		08/30/85	280.0(1)	2330.0	
Y-01.F6 OAK GLENN HSA					
01S/02W-36F01 S	2605.0	02/12/85	174.0	2431.0	5419
		03/27/85	163.0	2442.0	
		06/26/85	176.0	2429.0	
		07/24/85	257.0(1)	2348.0	
		08/30/85	207.0(1)	2398.0	
01S/02W-36N01 S	2559.0	10/31/84	170.0(5)	2389.0	5419
		11/30/84	170.5(5)	2388.5	
		12/28/84	168.0(5)	2391.0	
		01/15/85	168.0(5)	2391.0	
Y SANTA ANA HB					
Y-01 SANTA ANA RIVER HU					
Y-01.F SAN TIMOTEO HA					
Y-01.F8 OAK GLENN HSA					
01S/02W-36N01 S	2559.0	02/27/85	167.0(5)	2392.0	5419
		03/22/85	165.0(5)	2394.0	
		04/16/85	165.0(5)	2394.0	
		05/22/85	164.0(5)	2395.0	
		06/25/85	169.0	2390.0	
		07/25/85	190.0(1)	2369.0	
		08/30/85	188.0(1)	2371.0	
01S/02W-36R01 S	2710.0	10/30/84	265.0	2445.0	5419
		11/29/84	265.0	2445.0	
		12/19/84	273.0	2437.0	
		01/15/85	272.0	2438.0	
		02/12/85	271.0	2439.0	
		03/29/85	275.0	2435.0	
		04/16/85	271.0	2439.0	
		05/21/85	270.0	2440.0	
		06/25/85	271.0	2439.0	
		07/25/85	272.0	2438.0	
		08/30/85	274.0	2436.0	
02S/02W-01F03 S	2560.0	10/30/84	195.0	2365.0	5419
		11/29/84	198.0	2362.0	
		12/19/84	202.0	2358.0	
		01/15/85	202.0	2358.0	
		02/12/85	202.0	2358.0	
		03/29/85	202.0	2358.0	
		04/16/85	200.0	2360.0	
		05/22/85	NM-9		
		06/26/85	195.0	2365.0	
		07/25/85	195.0	2365.0	
		08/30/85	194.0	2366.0	
Y-01.F7 SOUTH MESA HSA					
01S/01W-32A01 S	3338.0	10/30/84	36.0	3302.0	5419
		11/29/84	22.0	3316.0	
		12/18/84	23.0	3315.0	
		01/15/85	31.0	3307.0	
		02/12/85	35.0(1)	3303.0	
		03/21/85	47.0(1)	3291.0	
		04/16/85	34.0(5)	3304.0	
		05/22/85	34.0(5)	3304.0	
		06/26/85	30.0	3308.0	
		07/25/85	33.0	3305.0	
		08/30/85	48.0	3290.0	
01S/01W-32C01 S	3375.0	10/30/84	35.0(3)	3140.0	5419
		11/29/84	35.0(1)	3140.0	
		12/19/84	33.0(3)	3142.0	
		01/15/85	34.0(3)	3141.0	
		02/12/85	31.0(1)	3144.0	
		03/21/85	35.0(1)	3140.0	
		04/16/85	37.0(1)	3138.0	
		05/21/85	40.0	3135.0	
		06/26/85	42.0(1)	3133.0	
		07/25/85	39.0(1)	3136.0	
		08/30/85	44.0(3)	3131.0	
02S/01W-08E02 S	2860.0	10/30/84	48.0	2812.0	5419
		11/29/84	43.0	2817.0	
		12/28/84	41.0	2819.0	
		01/15/85	40.0	2820.0	
		02/12/85	38.0	2822.0	
		03/20/85	36.0	2824.0	
02S/02W-11A01 S	2440.0	10/30/84	249.0	2191.0	5419
		11/29/84	247.0	2193.0	
		12/19/84	247.0	2193.0	
		01/15/85	251.0	2189.0	
		02/12/85	250.0	2190.0	
		03/05/85	247.0	2193.0	
		04/16/85	252.0(5)	2188.0	
		05/16/85	289.0(5)	2151.0	
		06/25/85	291.0(3)	2149.0	
		07/25/85	291.0(1)	2149.0	
		08/30/85	301.0(1)	2139.0	
02S/02W-11B01 S	2415.0	10/30/84	244.0	2171.0	5419
		11/29/84	242.0	2173.0	
		12/18/84	240.0	2175.0	
		01/15/85	247.0	2168.0	
		02/12/85	NM-7		
		03/22/85	243.0	2172.0	
		04/16/85	244.0	2171.0	
		05/21/85	255.0	2160.0	
		06/25/85	248.0	2167.0	
		07/25/85	276.0(3)	2139.0	
		08/30/85	280.0(1)	2135.0	
02S/02W-11B02 S	2380.0	10/30/84	298.0(1)	2082.0	5419
		11/29/84	229.0	2151.0	
		12/18/84	294.0(1)	2086.0	
		01/15/85	285.0(3)	2095.0	
		02/12/85	222.0	2158.0	
		03/20/85	297.0(1)	2083.0	
		04/16/85	304.0(1)	2076.0	
		05/21/85	290.0	2090.0	
		06/25/85	302.0(3)	2074.0	
		07/25/85	286.0(3)	2094.0	
		08/30/85	280.0(1)	2100.0	
02S/02W-12M03 S	2471.3	12/19/84	286.0	2185.3	6224
		06/25/85	279.0	2192.3	
		08/14/85	269.0	2202.3	
02S/02W-14B01 S	2405.0	12/19/84	246.0	2159.0	6224
		06/25/85	242.0	2163.0	
		08/14/85	233.0	2172.0	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y SANTA ANA HB					
Y-01 SANTA ANA RIVER HU					
Y-01.F SAN TIMOTEO HA					
Y-01.F7 SOUTH MESA HSA					
02S/02W-14C01 S	2392.7	06/25/85	265.0(5)	2127.7	6224
		08/14/85	266.0(1)	2126.7	
02S/02W-14001 S	2358.0	12/19/84	214.0	2144.0	6224
		06/25/85	242.0(1)	2116.0	
		08/14/85	251.0(1)	2107.0	
02S/02W-14R01 S	2360.0	12/19/84	114.0	2246.0	6224
		06/25/85	112.0	2248.0	
		08/14/85	112.0	2248.0	
Y-01.F8 TRIPLE FALLS CREEK HSA					
01S/01W-27L01 S	3850.0	10/30/84	40.0(1)	3810.0	5419
		11/29/84	40.0	3810.0	
		12/18/84	38.0(1)	3812.0	
		01/15/85	34.0(1)	3816.0	
		02/12/85	31.0(1)	3819.0	
		03/21/85	31.0(1)	3819.0	
		04/16/85	31.0(1)	3819.0	
		05/21/85	33.0(5)	3817.0	
		06/26/85	34.0(1)	3816.0	
		07/25/85	37.0(1)	3813.0	
		08/30/85	41.0(1)	3809.0	
Y-01.F9 NOBIE CREEK HSA					
02S/01W-02G01 S	4400.0	06/29/85	116.0(1)	4284.0	5407
		07/06/85	116.0(1)	4284.0	
		07/13/85	115.0(1)	4285.0	
		07/20/85	115.0(1)	4285.0	
		07/28/85	120.0(1)	4280.0	
		09/09/85	48.0	4352.0	
		09/15/85	48.0	4352.0	
02S/01W-02H01 S	4350.0	06/22/85	98.0(1)	4252.0	5407
		06/29/85	100.0(1)	4250.0	
		07/06/85	102.0(1)	4248.0	
		07/13/85	98.0(1)	4252.0	
		07/20/85	100.0(1)	4250.0	
		07/28/85	115.0(1)	4235.0	
		09/09/85	125.0(1)	4225.0	
		09/15/85	121.0(1)	4229.0	
		09/28/85	120.0(1)	4230.0	
02S/01W-02H03 S	4350.0	06/22/85	111.0(1)	4239.0	5407
		06/29/85	111.0(1)	4239.0	
		07/06/85	111.0(1)	4239.0	
		07/13/85	111.0(1)	4239.0	
		07/20/85	110.0(1)	4240.0	
		07/28/85	111.0(1)	4239.0	
		09/09/85	109.0(1)	4241.0	
02S/01W-02J01 S	4234.5	09/09/85	126.0(1)	4108.5	5407
		09/28/85	124.0(1)	4110.5	
02S/01W-02P01 S	4160.0	06/22/85	90.0(1)	4070.0	5407
		06/29/85	90.0(1)	4070.0	
		07/06/85	90.0(1)	4070.0	
		07/13/85	91.0(1)	4069.0	
		07/20/85	91.0(1)	4069.0	
		07/28/85	91.0(1)	4069.0	
		09/09/85	93.0(1)	4067.0	
		09/15/85	93.0(1)	4067.0	
		09/28/85	93.0(1)	4067.0	
02S/01W-10J01 S	3660.3	06/22/85	117.0(1)	3543.3	5407
		07/06/85	127.0(1)	3533.3	
		07/13/85	142.0(1)	3518.3	
		07/20/85	321.0(1)	3339.3	
		07/28/85	137.0(1)	3523.3	
		08/04/85	132.0(1)	3528.3	
		09/09/85	145.0(1)	3515.3	
		09/15/85	142.0(1)	3518.3	
		09/28/85	147.0(1)	3513.3	
02S/01W-22H02 S	3120.0	06/22/85	122.0(1)	2998.0	5407
		06/29/85	125.0(1)	2995.0	
		07/06/85	122.0(1)	2998.0	
		07/13/85	120.0(1)	3000.0	
		07/20/85	44.0	3076.0	
		07/28/85	126.0(1)	2994.0	
		09/09/85	121.0(1)	2999.0	
		09/23/85	124.0(1)	2996.0	
		09/28/85	124.0(1)	2996.0	
02S/01W-23001 S	3200.0	10/07/84	81.0(1)	3119.0	5407
		10/14/84	81.0(1)	3119.0	
		10/21/84	77.0(1)	3123.0	
		10/28/84	82.0(1)	3118.0	
		11/18/84	84.0(1)	3116.0	
		12/16/84	56.0	3144.0	
		01/07/85	58.0	3142.0	
		01/13/85	75.0(1)	3125.0	
		01/21/85	54.0	3146.0	
		01/27/85	54.0	3146.0	
		02/03/85	70.0(1)	3130.0	
		02/10/85	58.0	3142.0	
		02/17/85	55.0	3145.0	
		03/03/85	60.0	3140.0	
		03/10/85	58.0	3142.0	
		03/17/85	52.0	3148.0	
		03/24/85	75.0(1)	3125.0	
		03/31/85	45.0	3155.0	
		04/07/85	80.0(1)	3120.0	
		04/14/85	82.0(1)	3118.0	
		04/21/85	66.0	3134.0	
		04/28/85	78.0(1)	3122.0	
		05/04/85	78.0(1)	3122.0	
Y SANTA ANA HB					
Y-01 SANTA ANA RIVER HU					
Y-01.F SAN TIMOTEO HA					
Y-01.F9 NOBIE CREEK HSA					
02S/01W-23001 S	3200.0	05/12/85	77.0(1)	3123.0	5407
		05/18/85	67.0(1)	3133.0	
		05/26/85	65.0(1)	3135.0	
		06/02/85	75.0(1)	3125.0	
		06/09/85	79.0(1)	3121.0	
		06/16/85	80.0(1)	3120.0	
		06/22/85	79.0(1)	3121.0	
		06/29/85	80.0(1)	3120.0	
		07/06/85	79.0(1)	3121.0	
		07/13/85	79.0(1)	3121.0	
		07/20/85	61.0	3139.0	
		07/28/85	85.0(1)	3115.0	
		09/09/85	84.0(1)	3116.0	
		09/23/85	86.0(1)	3114.0	
		09/28/85	84.0(1)	3116.0	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y	SANTA ANA NB										
Y-02	SAN JACINTO VALLEY HU										
Y-02.B	SAN JACINTO NA										
Y-02.B1	GILMAN HOT SPRINGS HSA										
03S/01W-03K01 S	2642.8	10/14/84	399.0	2247.8	5407						
		01/13/85	392.0	2250.8							
		06/09/85	406.0	2236.8							
03S/01W-03K03 S	2633.7	10/14/84	398.4	2235.3	5407						
04S/01W-35Q01 S	1576.0	08/22/85	217.0(1)	1359.0	5875						
Y-02.C	ELSINORE VALLEY HA										
Y-02.C1	ELSINORE HSA										
06S/04W-22M05 S	1277.9	05/01/85	314.0	963.9	2865						
		06/03/85	322.0	955.9							
		07/01/85	329.0	948.9							
		08/01/85	329.0	948.9							
		09/03/85	334.0	943.9							

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER		GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Z	SAN DIEGO HB					
Z-01	SAN JUAN HU					
Z-01.4	LAGUNA HILLS HA					
Z-01.A3	ALISO HSA					
06S/08W-26M03 S		414.0	01/23/85	17.1	396.9	5102
			06/20/85	19.8	394.2	
			09/12/85	20.6	393.4	
Z-01.B	MISSION VIEJO HA					
07S/08W-36L01 S		171.3	10/11/84	43.7	127.6	5102
			01/23/85	36.1	135.2	
			06/20/85	40.5	130.8	
			09/12/85	42.6	128.7	
08S/07W-06M03 S		110.0	01/23/85	12.4	97.6	5102
			06/20/85	14.8	95.2	
			09/12/85	15.1	94.9	

STATE WELL NUMBER		GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Z	SAN DIEGO HB					
Z-02	SANTA MARGARITA HU					
Z-02.C	MURRIETA HA					
Z-02.C3	FRENCH HSA					
07S/03W-24D01 S		1145.0	08/22/85	162.0	983.0	5M75

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Z SAN DIEGO HB					
Z-03 SAN LUIS REY HU					
Z-03.A LOWER SAN LUIS HA					
Z-03.A1 MISSION HSA					
11S/04W-09L01 S	64.6	10/15/84	8.8	55.8	5202
11S/04W-18C04 S	35.0	07/16/85	8.5	26.5	5205
		08/22/85	8.5	26.5	
		09/19/85	8.2	26.8	
11S/04W-18C05 S	36.0	07/16/85	5.4	30.6	5205
		08/22/85	7.9	28.1	
		09/19/85	7.3	28.7	
11S/04W-18C09 S	32.0	07/16/85	7.7	24.3	5205
		08/22/85	8.2	23.8	
		09/19/85	7.2	24.8	
11S/04W-18G02 S	38.8	10/15/84	9.9	28.9	5202
		11/19/84	9.0	29.8	
		12/24/84	29.9	8.9	
		01/21/85	9.0	29.8	
		02/05/85	9.0	29.8	
		03/28/85	9.3	29.5	
		04/18/85	8.5	30.3	
		05/23/85	8.5	30.3	
		06/06/85	9.5	29.3	
		07/05/85	9.8	29.0	
		08/15/85	9.8	29.0	
		09/12/85	9.5	29.3	
11S/04W-18L03 S	38.0	10/15/84	9.9	28.1	5202
11S/04W-18L19 S		07/16/85	NM-4		5205
11S/05W-13N01 S		11/19/84	NM-6		5015
11S/05W-13P02 S		11/19/84	NM-6		5202
11S/05W-24B01 S		11/19/84	NM-6		5202
Z-03.C WARNER VALLEY HA					
Z-03.C1 WARNER HSA					
10S/02E-24001 S	2726.2	10/19/84	1.4	2724.8	4405
		11/15/84	.4	2725.8	
		12/14/84	FLOW		
		02/15/85	5.8	2720.4	
		03/15/85	16.0	2710.2	
		04/19/85	17.1	2709.1	
		05/15/85	18.7	2707.5	
		06/14/85	20.4	2705.8	
		07/19/85	22.1	2704.1	
		08/15/85	17.5	2708.7	
		09/16/85	23.9	2702.3	
10S/02E-24J01 S	2770.0	10/15/84	13.1	2756.9	4405
		11/15/84	13.6	2756.4	
		12/14/84	13.0	2757.0	
		02/15/85	16.0	2754.0	
		03/15/85	18.3	2751.7	
		04/15/85	19.3	2750.7	
		05/15/85	19.4	2750.6	
		06/14/85	21.5	2748.5	
		07/15/85	23.2	2746.8	
		08/15/85	23.6	2746.4	
		09/16/85	25.5	2744.5	
10S/02E-24R01 S	2763.6	10/15/84	2.6	2761.0	4405
		11/15/84	2.8	2760.8	
		12/14/84	2.2	2761.4	
		02/15/85	5.7	2757.9	
		03/15/85	7.5	2756.1	
		04/15/85	8.5	2755.1	
		05/15/85	5.9	2757.7	
		06/14/85	10.4	2753.2	
		07/15/85	11.4	2752.2	
		08/15/85	12.4	2751.2	
		09/16/85	14.3	2749.3	
10S/02E-25A01 S	2741.2	10/15/84	9.2	2732.0	4405
		11/15/84	NM-9		
		12/14/84	NM-9		
		02/15/85	9.8	2731.4	
		03/15/85	8.1	2733.1	
		04/15/85	10.3	2730.9	
		05/15/85	11.4	2729.8	
		06/14/85	13.5	2727.7	
		07/15/85	14.9	2726.3	
		08/15/85	13.8	2727.4	
		09/16/85	14.8	2726.4	
10S/02E-25C01 S	2733.6	10/15/84	4.0	2729.6	4405
		11/15/84	3.0	2730.6	
		12/14/84	2.3	2731.3	
		02/15/85	14.0	2719.6	
		03/15/85	15.7	2717.9	
		04/15/85	16.6	2717.0	
		05/15/85	17.9	2715.7	
		06/14/85	20.8	2712.8	
		07/15/85	22.8	2710.8	
		08/15/85	18.7	2714.9	
		09/16/85	24.2	2709.4	
10S/02E-25E01 S	2730.0	10/15/84	7.3	2722.7	4405
		11/15/84	6.3	2723.7	
		12/14/84	.6	2729.4	
		02/15/85	10.4	2719.6	
		03/15/85	20.1	2709.9	
		04/15/85	7.4	2722.6	
		05/15/85	8.2	2721.8	
		06/14/85	9.1	2720.9	
		07/15/85	10.9	2719.1	

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Z SAN DIEGO HB					
Z-03 SAN LUIS REY HU					
Z-03.C WARNER VALLEY HA					
Z-03.C1 WARNER HSA					
10S/02E-25E01 S	2730.0	08/15/85	10.3	2719.7	4409
		09/16/85	11.5	2718.5	
10S/02E-25H01 S	2755.0	10/15/84	28.4	2726.6	4405
		11/15/84	28.2	2726.8	
		12/14/84	27.9	2727.1	
		02/15/85	26.4	2728.6	
		03/15/85	26.4	2728.6	
		04/15/85	26.2	2728.8	
		05/15/85	27.3	2727.7	
		06/14/85	27.5	2727.5	
		07/15/85	28.7	2726.3	
		08/15/85	28.1	2726.9	
		09/16/85	28.2	2726.8	
10S/02E-26A01 S	2723.7	10/15/84	3.8	2719.9	4405
		11/15/84	2.9	2720.8	
		12/14/84	FLOW		
		02/15/85	5.6	2718.1	
		03/15/85	15.9	2707.8	
		04/15/85	15.2	2708.5	
		05/15/85	2.4	2721.3	
		06/14/85	7.6	2716.1	
		07/15/85	9.4	2714.3	
		08/15/85	8.5	2715.2	
		09/16/85	10.0	2713.7	
10S/03E-16E01 S	2940.0	10/15/84	32.2	2907.8	4405
		11/15/84	32.6	2907.4	
		12/14/84	32.6	2907.4	
		02/15/85	39.4	2900.6	
		03/16/85	66.4(1)	2873.6	
		04/15/85	36.3	2903.7	
		05/15/85	35.8	2904.2	
		06/14/85	36.6	2903.4	
		07/15/85	38.7(4)	2901.3	
		08/15/85	37.8(4)	2902.2	
		09/16/89	66.4(1)	2873.6	
10S/03E-17H01 S	2920.0	10/15/84	21.8	2898.2	4405
		11/15/84	22.1	2897.9	
		12/14/84	22.2	2897.8	
		02/15/85	23.2	2896.8	
		03/15/85	24.3	2895.7	
		04/15/85	23.4	2896.6	
		05/15/85	23.4	2896.6	
		06/14/85	24.1	2895.9	
		07/15/85	25.8	2894.2	
		08/15/85	25.3	2894.7	
		09/16/85	26.3	2893.7	
10S/03E-19N01 S	2769.9	10/15/84	9.2	2760.7	4405
		11/15/84	9.1	2760.8	
		12/14/84	8.8	2761.1	
		02/15/85	14.4	2755.5	
		03/15/85	16.9	2753.0	
		04/15/85	18.0	2751.9	
		05/15/85	17.5	2752.4	
		06/14/85	20.3	2749.6	
		07/15/85	22.3	2747.6	
		08/15/85	22.2	2747.7	
		09/16/85	24.4	2745.5	
10S/03E-19P01 S	2777.7	10/15/84	9.5	2768.2	4409
		11/15/84	9.7	2768.0	
		12/14/84	9.5	2768.2	
		02/15/85	8.2	2769.5	
		03/15/85	8.8	2768.9	
		04/15/85	9.6	2768.1	
		05/15/85	10.4	2767.3	
		06/14/85	11.7	2766.0	
		07/15/85	13.2	2764.5	
		08/15/85	14.0	2763.7	
		09/16/85	15.2	2762.5	
10S/03E-19Q01 S	2781.0	10/15/84	5.0	2776.0	4405
		11/15/84	4.7	2776.3	
		12/14/84	4.1	2776.9	
		02/15/85	5.6	2775.4	
		03/15/85	3.9	2777.1	
		04/15/85	17.5	2763.5	
		05/15/85	12.3	2768.7	
		06/14/85	11.3	2769.7	
		07/15/85	18.0	2763.0	
		08/15/85	17.1	2763.9	
		09/16/85	22.0	2759.0	
10S/03E-20N01 S		10/15/84	FLOW		4405
		11/15/84	FLOW		
		12/14/84	FLOW		
	2791.2	02/15/85	4.4	2786.8	
		03/15/85	6.5	2784.7	
		04/15/85	7.3	2783.9	
		05/15/85	4.8	2786.4	
		06/14/85	9.0	2782.2	
		07/15/85	10.3	2780.9	
		08/15/85	8.7	2782.5	
		09/16/85	11.7	2779.5	
10S/03E-20P01 S	2800.0	10/15/84	4.1	2795.9	4405
		11/15/84	.5	2799.5	
		12/14/84	1.0	2799.0	
		02/15/85	4.4	2795.6	
		03/15/85	9.4	2790.6	
		05/15/85	5.5	2794.5	
		06/14/85	27.3	2772.7	
		07/15/85	28.5	2771.5	
		08/15/85	25.2	2774.8	
		09/16/85	8.5	2791.5	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

Z SAN DIEGO HB
Z-03 SAN LUIS REY HU
Z-03.C WARNER VALLEY HA
Z-03.C1 WARNER HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
10S/03E-20D01 S	2816.6	10/15/84	4.0	2812.6	4405
		11/15/84	3.7	2812.9	
		12/14/84	3.2	2813.4	
		02/15/85	4.0	2812.6	
		03/15/85	10.4	2806.2	
		04/15/85	7.7	2808.9	
		05/15/85	6.9	2809.7	
		06/14/85	9.5	2807.1	
		07/15/85	10.7	2805.9	
		08/15/85	10.6	2806.0	
		09/16/85	12.4	2804.2	
10S/03E-25J02 S	2759.0	10/15/84	25.4	2729.6	4405
		11/15/84	24.8	2730.2	
		12/14/84	24.8	2730.2	
		02/15/85	20.0	2735.0	
		03/15/85	24.8	2730.2	
		04/15/85	28.2	2726.8	
		05/15/85	30.4	2724.6	
		06/14/85	21.8	2733.2	
		07/15/85	31.3	2723.7	
		08/15/85	30.7	2724.3	
		09/16/85	33.0	2722.0	
10S/03E-28P01 S		02/15/85	NM-7		4405
		06/14/85	NM-7		
10S/03E-29J01 S		02/15/85	FLOW		4405
		06/14/85	FLOW		
		07/15/85	FLOW		
		08/15/85	FLOW		
		09/16/85	FLOW		
10S/03E-29J02 S		02/15/85	FLOW		4405
	2815.5	05/15/85	17.1	2798.4	
		06/14/85	32.5	2783.0	
		07/15/85	53.9(4)	2761.6	
		08/15/85	40.9(4)	2774.6	
		09/16/85	50.9	2764.6	
10S/03E-29L01 S	2798.5	10/15/84	4.4	2794.1	4405
		11/15/84	5.0	2793.5	
		12/14/84	4.8	2793.7	
		02/15/85	3.6	2794.9	
		03/15/85	3.6	2794.9	
		04/15/85	3.9	2794.6	
		05/15/85	4.9	2793.6	
		06/14/85	6.9	2791.6	
		07/15/85	7.6	2790.9	
		08/15/85	8.0	2790.5	
		09/16/85	8.5	2790.0	
10S/03E-29M01 S	2766.0	10/15/84	7.7	2758.3	4405
		11/15/84	7.6	2758.4	
		12/14/84	6.9	2759.1	
		02/15/85	9.8	2756.2	
		03/15/85	10.9	2755.1	
		04/15/85	11.7	2754.3	
		05/15/85	10.8	2755.2	
		06/14/85	8.1	2757.9	
		07/15/85	14.2	2751.8	
		08/15/85	14.5	2751.5	
		09/16/85	15.6	2750.4	
10S/03E-30A01 S		10/15/84	FLOW		4405
		11/15/84	FLOW		
		12/14/84	FLOW		
	2779.7	02/15/85	9.0	2770.7	
		03/15/85	11.9	2767.8	
		04/15/85	13.3	2766.4	
		05/15/85	10.3	2769.4	
		06/14/85	15.2	2764.5	
		07/15/85	16.5	2763.2	
		08/15/85	16.1	2763.6	
		09/16/85	18.8	2760.9	
10S/03E-30B01 S		10/15/84	FLOW		4405
		11/15/84	FLOW		
		12/14/84	FLOW		
	2775.0	02/15/85	8.5	2766.5	
		03/15/85	12.6	2762.4	
		04/15/85	14.4	2760.6	
		05/15/85	10.1	2764.9	
		06/14/85	14.3	2760.7	
		07/15/85	15.9	2759.1	
		08/15/85	15.8	2759.2	
		09/16/85	18.4	2756.6	
10S/03E-30C01 S	2750.0	10/15/84	5.7	2744.3	4405
		11/15/84	4.8	2745.2	
		12/14/84	5.2	2744.8	
		02/15/85	7.2	2742.8	
		03/15/85	11.4	2738.6	
		04/15/85	12.5	2737.5	
		05/15/85	12.8	2737.2	
		06/14/85	15.0	2735.0	
		07/15/85	16.6	2733.4	
		08/15/85	17.2	2732.8	
		09/16/85	19.2	2730.8	
10S/03E-30M01 S	2779.6	10/15/84	2.8	2776.8	4405
		11/15/84	3.2	2776.4	
		12/14/84	2.2	2777.4	
		02/15/85	2.7	2776.9	
		03/15/85	3.8	2775.8	
		04/15/85	4.6	2775.0	
		06/14/85	5.9	2773.7	
		07/15/85	5.9	2773.7	
		08/15/85	6.0	2773.6	

Z SAN DIEGO HB
Z-03 SAN LUIS REY HU
Z-03.C WARNER VALLEY HA
Z-03.C1 WARNER HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
10S/03E-30H01 S	2779.6	09/16/85	6.7	2772.9	4405
10S/03E-31C01 S	2760.0	10/15/84	60.8(1)	2699.2	4405
		11/15/84	74.2	2685.8	
		12/14/84	75.3(1)	2684.7	
		02/15/85	26.4	2733.6	
		03/15/85	47.4	2712.6	
		04/15/85	59.3	2700.7	
		05/15/85	64.0	2696.0	
		06/14/85	66.1	2693.9	
		07/15/85	60.0	2700.0	
		08/15/85	62.1	2697.9	
		09/16/85	69.7	2690.3	
10S/03E-31G01 S	2778.0	10/15/84	41.0	2737.0	4405
		11/15/84	39.4	2738.6	
		12/14/84	38.3	2739.7	
		02/15/85	38.9	2739.1	
		03/15/85	103.7(1)	2674.3	
		04/15/85	107.7(3)	2670.3	
		05/15/85	111.3(1)	2666.7	
		06/14/85	114.3(1)	2663.7	
		07/15/85	73.4(4)	2704.6	
		08/15/85	108.3(1)	2669.7	
		09/16/85	101.1(1)	2676.9	
10S/03E-32C01 S	2784.6	10/15/84	7.5	2777.1	4405
		11/15/84	7.1	2777.5	
		12/14/84	6.3	2778.3	
		02/15/85	5.0	2779.6	
		03/15/85	5.6	2779.0	
		04/15/85	6.4	2778.2	
		05/15/85	7.3	2777.3	
		06/14/85	8.3	2776.3	
		07/15/85	9.7	2774.9	
		08/15/85	9.1	2775.5	
		09/16/85	10.0	2774.6	
10S/03E-32H01 S	2810.7	10/15/84	16.0	2794.7	4405
		11/15/84	16.1	2794.6	
		12/14/84	15.7	2795.0	
		02/15/85	34.2	2776.5	
		03/15/85	28.6	2782.1	
		04/15/85	35.5	2775.2	
		05/15/85	19.6	2791.1	
		06/14/85	14.4	2796.3	
		07/15/85	14.8	2795.9	
		08/15/85	14.5	2796.2	
		09/16/85	14.7	2796.0	
10S/03E-33B01 S	2927.4	10/15/84	123.6	2803.8	4405
		11/15/84	122.6	2804.8	
		12/14/84	121.0	2806.4	
		02/15/85	118.3	2809.1	
		03/15/85	126.7	2800.7	
		04/15/85	132.3	2795.1	
		05/15/85	132.7	2794.7	
		06/14/85	132.6	2794.8	
		07/15/85	134.6	2792.8	
		08/15/85	137.8	2789.6	
		09/16/85	135.2	2792.2	
10S/03E-33C01 S	2872.9	10/15/84	68.5	2804.4	4405
		11/15/84	67.8	2805.1	
		12/14/84	66.5	2806.4	
		02/15/85	74.0	2798.9	
		03/15/85	81.7	2791.2	
		04/15/85	96.5	2776.4	
		05/15/85	95.2	2777.7	
		06/14/85	103.7	2769.2	
		07/15/85	118.2(4)	2754.7	
		08/15/85	118.7(4)	2754.2	
		09/16/85	121.8	2751.1	
10S/03E-33D01 S	2865.0	10/15/84	64.5	2800.5	4405
		11/15/84	63.7	2801.3	
		12/14/84	62.5	2802.5	
		02/15/85	65.4	2799.6	
		03/15/85	147.5(1)	2717.5	
		04/15/85	61.3	2803.7	
		05/15/85	61.3	2803.7	
		06/14/85	61.3	2803.7	
		07/15/85	62.2	2802.8	
		08/15/85	60.5	2804.5	
		09/16/85	59.6	2805.4	
10S/03E-33D02 S	2848.3	10/15/84	45.8	2802.5	4405
		11/15/84	45.0	2803.3	
		12/14/84	43.8	2804.5	
		02/15/85	41.5	2806.8	
		03/15/85	50.4	2797.9	
		04/15/85	55.6	2792.7	
		05/15/85	56.9	2791.4	
		06/14/85	63.0	2785.3	
		07/15/85	69.0	2779.3	
		08/15/85	66.2	2782.1	
		09/16/85	72.2	2776.1	
10S/03E-33E01 S	2848.0	10/15/84	63.7	2784.3	4405
		11/15/84	61.6	2786.4	
		12/14/84	59.5	2788.5	
		02/15/85	53.9	2794.1	
		03/15/85	52.3	2795.7	
		04/15/85	50.3	2797.7	
		05/15/85	48.3	2799.7	
		06/14/85	47.9	2800.1	
		07/15/85	47.6	2800.4	
		08/15/85	45.5	2802.5	
		09/16/85	44.1	2803.9	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

I SAN DIEGO HB
I-03 SAN LUIS REY HU
I-03.C WARNER VALLEY HA
I-03.C1 WARNER HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
105/03E-33F01 S	2883.4	10/15/84	89.7	2793.7	4405
		11/15/84	87.2	2796.2	
		12/14/84	84.2	2799.2	
		02/15/85	77.7	2805.7	
		04/15/85	72.9	2810.5	
		05/15/85	70.2	2813.2	
		06/14/85	71.3	2812.1	
		07/15/85	70.1	2813.3	
		08/15/85	68.2	2815.2	
		09/16/85	66.3	2817.1	
105/03E-33H01 S	2902.2	10/15/84	104.6	2797.6	4405
		11/15/84	101.5	2800.7	
		12/14/84	101.4	2800.8	
		02/15/85	89.7	2812.5	
		03/15/85	86.1	2816.1	
		04/15/85	83.1	2819.1	
		05/15/85	79.1	2823.1	
		06/14/85	119.6	2782.6	
		07/15/85	120.3	2781.9	
		08/15/85	124.2	2778.0	
		09/16/85	122.2	2780.0	
105/03E-33L01 S	2845.7	10/15/84	41.8	2803.9	4405
		11/15/84	52.2	2793.5	
		12/14/84	55.4	2790.3	
		02/15/85	49.5	2796.2	
		03/15/85	43.7	2802.0	
		04/15/85	43.8	2801.9	
		05/15/85	38.0	2807.7	
		06/14/85	40.4	2805.3	
		07/15/85	39.5	2806.2	
		08/15/85	37.4	2808.3	
		09/16/85	36.1	2809.6	
105/03E-33P02 S	2845.7	10/15/84	65.5	2780.2	4405
		11/15/84	63.0	2782.7	
		12/14/84	60.0	2785.7	
		02/15/85	51.6	2794.1	
		03/15/85	46.3	2799.4	
		04/15/85	47.3	2798.4	
		05/15/85	41.8	2803.9	
		06/14/85	42.9	2802.8	
		07/15/85	41.6	2804.1	
		08/15/85	39.4	2806.3	
		09/16/85	37.8	2807.9	
105/03E-33R01 S	2882.8	10/15/84	97.0	2785.8	4405
		11/15/84	94.3	2788.5	
		12/14/84	90.9	2791.9	
		02/15/85	82.6	2800.2	
		03/15/85	79.2	2803.6	
		04/15/85	75.9	2806.9	
		05/15/85	72.9	2809.9	
		06/14/85	72.3	2810.5	
		07/15/85	71.4	2811.4	
		08/15/85	69.2	2813.6	
		09/16/85	67.0	2815.8	
115/02E-02A01 S	2718.0	10/15/84	12.1	2705.9	4405
		11/15/84	12.1	2705.9	
		12/14/84	12.0	2706.0	
		02/15/85	26.4	2691.6	
		03/15/85	29.1	2688.9	
		04/15/85	30.4	2687.6	
		05/15/85	27.6	2690.4	
		06/14/85	32.5	2685.5	
		07/15/85	34.3	2683.7	
		08/15/85	34.8	2683.2	
		09/16/85	36.5	2681.5	
115/03E-03J01 S		10/15/84	FLOW		4405
		11/15/84	FLOW		
		12/14/84	FLOW		
		02/15/85	FLOW		
		03/15/85	FLOW		
		04/15/85	FLOW		
		05/15/85	FLOW		
	2970.0	06/14/85	14.1	2955.9	
		07/15/85	168.7(1)	2801.3	
		08/15/85	145.2(1)	2824.8	
		09/16/85	145.3(1)	2824.7	
115/03E-04A01 S	2856.4	10/15/84	79.8	2776.6	4405
		11/15/84	79.1	2777.3	
		12/14/84	75.4	2781.0	
		02/15/85	68.8	2787.6	
		03/15/85	66.2	2790.2	
		04/15/85	63.0	2793.4	
		05/15/85	60.2	2796.2	
		06/14/85	58.3	2798.1	
		07/15/85	56.1	2800.3	
		08/15/85	54.0	2802.4	
		09/16/85	51.6	2804.8	
115/03E-06A01 S	2800.0	10/15/84	40.5	2759.5	4405
		11/15/84	39.1	2760.9	
		12/14/84	37.7	2762.3	
		02/15/85	35.7	2764.3	
		03/15/85	50.6	2749.4	
		04/15/85	119.7(1)	2680.3	
		05/15/85	120.0(1)	2680.0	
		06/14/85	122.3(1)	2677.7	
		07/15/85	116.7(1)	2683.3	
		08/15/85	112.9(1)	2687.1	
		09/16/85	129.7(1)	2670.3	
115/03E-06B01 S	2790.0	10/15/84	26.4	2763.6	4405
		12/14/84	23.6	2766.4	

I SAN DIEGO HB
I-03 SAN LUIS REY HU
I-03.C WARNER VALLEY HA
I-03.C1 WARNER HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
115/03E-06B01 S	2790.0	02/15/85	21.2	2768.8	4405
		03/15/85	33.8	2756.2	
		04/15/85	102.4(1)	2687.6	
		05/15/85	104.0(1)	2686.0	
		06/14/85	60.0	2730.0	
		07/15/85	52.3	2737.7	
		08/15/85	50.7	2739.3	
		09/16/85	112.2(1)	2677.8	
115/03E-06F01 S	2750.0	10/15/84	48.7	2701.3	4405
		11/15/84	48.4	2701.6	
		12/14/84	46.1	2703.9	
		02/15/85	44.6	2705.4	
		03/15/85	43.8	2706.2	
		04/15/85	94.2(1)	2655.8	
		05/15/85	62.9(1)	2687.1	
		06/14/85	66.2(1)	2683.8	
		07/15/85	54.2	2695.8	
		08/15/85	51.0	2699.0	
		09/16/85	67.6(1)	2682.4	
115/03E-06G01 S	2750.0	10/15/84	101.1(1)	2648.9	4405
		11/15/84	101.5(1)	2648.5	
		12/14/84	89.3(1)	2660.5	
		02/15/85	89.8(1)	2660.2	
		03/15/85	143.3(1)	2606.7	
		04/15/85	97.0(1)	2653.0	
		05/15/85	90.2(1)	2659.8	
		06/14/85	118.5(1)	2631.5	
		07/15/85	85.9	2664.1	
		08/15/85	83.8	2666.2	
		09/16/85	85.2	2664.8	
115/03E-07A01 S	2730.0	10/15/84	14.2	2715.8	4405
		11/15/84	13.7	2716.3	
		12/14/84	12.6	2717.4	
		02/15/85	9.5	2720.5	
		03/15/85	9.5	2720.5	
		04/15/85	18.2	2711.8	
		05/15/85	14.4	2715.6	
		06/14/85	72.6(1)	2657.4	
		07/15/85	77.3(1)	2652.7	
		08/15/85	82.0(1)	2648.0	
		09/16/85	31.5	2698.5	
115/03E-07G01 S	2728.0	10/15/84	28.8	2699.2	4405
		11/15/84	29.1	2698.9	
		12/14/84	28.3	2699.7	
		02/15/85	26.8	2701.2	
		03/15/85	27.2	2700.8	
		04/15/85	27.5	2700.5	
		05/15/85	27.4	2700.6	
		06/14/85	123.3(1)	2604.7	
		07/15/85	120.0(1)	2608.0	
		08/15/85	132.5(1)	2595.5	
		09/16/85	45.9	2682.1	

TABLE O (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Z SAN DIEGO HB					
Z-05 SAN DIEGUITO HU					
Z-05.B HODGES HA					
Z-05.B1 DEL DIOS HSA					
12S/02W-35K01 S	420.0	11/01/84	13.0	407.0	5711
		06/03/85	13.0	407.0	
12S/02W-35P01 S	395.0	11/01/84	7.3	387.7	5711
		06/03/85	6.3	388.7	
12S/02W-35Q04 S	395.0	11/01/84	5.7	389.3	5711
		06/03/85	5.7	389.3	
13S/02W-02C02 S	374.0	11/01/84	10.1	363.9	5711
		06/03/85	8.6	365.4	
13S/02W-02D01 S	390.0	11/01/84	11.8	378.2	5711
		06/03/85	12.6	377.4	
13S/02W-02D03 S	380.0	11/01/84	8.4	371.6	5711
		06/03/85	8.2	371.8	
13S/02W-02F01 S	375.0	11/01/84	16.6	358.4	5711
		06/03/85	15.8	359.2	
13S/02W-02F02 S	365.0	11/01/84	7.0	358.0	5711
		06/03/85	4.3	360.7	
13S/02W-02M01 S	358.4	11/01/84	23.0	335.4	5711
		06/03/85	21.3	337.1	
13S/02W-11R01 S		03/01/85	NM-9		5229
		04/01/85	NM-9		
13S/02W-12G01 S	326.0	10/01/84	3.4	322.6	5229
		11/01/84	2.6	323.4	
		12/03/84	1.3	324.7	
		01/02/85	6.4	319.6	
		02/01/85	1.5	324.5	
		03/01/85	1.6	324.4	
		04/01/85	2.5	323.5	
		05/01/85	1.2	324.8	
		06/03/85	2.7	323.3	
		07/01/85	2.5	323.5	
		08/01/85	3.0	323.0	
		09/03/85	3.2	322.8	
13S/02W-12N01 S		03/01/85	NM-9		5229
		04/01/85	NM-9		
13S/02W-12N02 S		03/01/85	NM-9		5229
		04/01/85	NM-9		
13S/02W-13C01 S	331.6	10/01/84	8.8	322.8	5229
		11/01/84	8.9	322.7	
		12/03/84	7.9	323.7	
		01/02/85	3.2	328.4	
		02/01/85	3.4	328.2	
		03/01/85	3.5	328.1	
		04/01/85	4.3	327.3	
		05/01/85	5.2	326.4	
		06/03/85	6.9	324.7	
		07/01/85	NM-9		
Z-05.C SAN PASQUAL HA					
Z-05.C2 LAS LOMAS MUERTAS HSA					
12S/01W-29D01 S	378.8	10/01/84	10.6	368.2	5229
		11/01/84	5.0	373.8	
		12/03/84	4.4	374.4	
		01/02/85	15.6	363.2	
		02/01/85	15.5	363.3	
		03/01/85	16.0	362.8	
		04/01/85	15.2	363.6	
		05/01/85	15.6	363.2	
		06/03/85	5.4	373.4	
		07/01/85	17.2	361.6	
		08/01/85	15.9	362.9	
		09/03/85	15.7	363.1	
12S/01W-29N01 S		03/01/85	NM-9		5229
		04/01/85	NM-9		
12S/01W-30A01 S	375.7	10/01/84	13.8	361.9	5229
		11/01/84	11.7	364.0	
		12/03/84	3.8	371.9	
		01/02/85	4.1	371.6	
		02/01/85	-.4	376.1	
		03/01/85	3.5	372.2	
		04/01/85	3.8	371.9	
		05/01/85	3.6	372.1	
		06/03/85	10.9	364.8	
		07/01/85	20.0	355.7	
		08/01/85	12.6	363.1	
		09/03/85	12.3	363.4	
12S/01W-30A05 S		03/01/85	NM-9		5229
12S/01W-30J01 S		03/01/85	NM-9		5229
		04/01/85	NM-9		
12S/01W-31J01 S		03/01/85	NM-9		5229
		04/01/85	NM-9		
12S/01W-31L03 S		03/01/85	NM-9		5229
12S/01W-32M03 S	357.0	10/01/84	12.1	344.9	5229
		11/01/84	12.1	344.9	
		12/03/84	12.2	344.8	
		01/02/85	11.8	345.2	
		02/01/85	11.8	345.2	
		03/01/85	12.2	344.8	
		04/01/85	12.4	344.6	

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Z SAN DIEGO HB					
Z-05 SAN DIEGUITO HU					
Z-05.C SAN PASQUAL HA					
Z-05.C2 LAS LOMAS MUERTAS HSA					
12S/01W-32M03 S	357.0	05/31/85	12.7	344.3	5229
		06/03/85	13.5	343.5	
		07/01/85	13.6	343.4	
		08/01/85	13.6	343.4	
		09/03/85	12.7	344.3	
12S/01W-32Q02 S		03/01/85	NM-9		5229
		04/01/85	NM-9		
12S/01W-32Q03 S		03/01/85	NM-9		5229
		04/01/85	NM-9		
12S/01W-33N01 S	378.0	10/01/84	20.4	357.6	5229
		11/01/84	17.1	360.9	
		12/03/84	15.9	362.1	
		01/02/85	12.4	365.6	
		03/31/85	NM-9		
		04/01/85	12.4	365.6	
		05/01/85	13.2	364.8	
		06/03/85	14.0	364.0	
		07/01/85	14.0	364.0	
		09/03/85	14.4	363.6	
12S/01W-34J01 S	414.0	10/01/84	16.7	397.3	5229
		11/01/84	16.4	397.6	
		12/03/84	15.6	398.4	
		01/02/85	14.0	400.0	
		02/01/85	13.0	401.0	
		03/01/85	12.5	401.5	
		04/31/85	15.8	398.2	
		05/01/85	20.0	394.0	
		06/03/85	15.0	399.0	
		07/01/85	15.3	398.3	
		08/01/85	16.6	397.4	
		09/03/85	17.6	396.4	
12S/01W-34P07 S		03/01/85	NM-9		5229
		04/31/85	NM-9		
12S/01W-35A01 S	443.4	10/01/84	30.9	412.5	5229
		11/01/84	31.5	411.9	
		12/03/84	27.3	416.1	
		01/02/85	22.2	421.2	
		02/01/85	21.2	422.2	
		03/01/85	21.3	422.1	
		04/01/85	22.0	421.4	
		05/01/85	23.1	420.3	
		06/03/85	25.5	417.9	
		07/01/85	28.3	415.1	
		08/01/85	30.3	413.1	
		09/03/85	33.0	410.4	
12S/01W-35B03 S	437.0	10/01/84	42.3	394.7	5229
		11/01/84	54.0	383.0	
		12/03/84	26.4	410.6	
		01/02/85	21.3	415.7	
		02/01/85	20.2	416.8	
		03/01/85	20.1	416.9	
		04/01/85	20.9	416.1	
		05/01/85	25.0	412.0	
		06/03/85	26.5	410.5	
		07/01/85	39.4	397.6	
		08/01/95	40.4	396.6	
		09/03/85	29.4	407.6	
12S/01W-35C01 S	426.5	10/01/84	19.5	407.0	5229
		11/01/84	19.3	407.2	
		12/03/84	17.7	408.8	
		01/02/85	15.1	411.4	
		02/01/85	15.3	411.2	
		03/01/85	14.2	412.3	
		04/01/85	14.5	412.0	
		05/31/85	15.2	411.3	
		06/03/85	15.5	411.0	
		07/01/85	17.7	408.8	
		08/01/85	18.9	407.6	
		09/03/85	19.7	406.8	
12S/01W-35C05 S		03/01/85	NM-9		5229
		04/01/85	NM-9		
12S/01W-35C06 S	430.0	10/01/94	23.2	406.8	5229
		11/01/84	23.5	406.5	
		12/03/84	23.8	406.2	
		01/02/85	19.7	410.3	
		02/01/85	19.9	410.1	
		03/01/85	18.3	411.7	
		04/01/85	18.7	411.3	
		05/01/85	21.1	408.9	
		06/03/85	25.2	404.8	
		07/01/85	24.2	405.8	
		08/01/85	23.2	406.8	
		09/03/85	36.2	393.8	
12S/01W-35D02 S	419.3	10/01/84	15.2	404.1	5229
		11/01/84	15.3	404.0	
		12/03/84	14.9	404.4	
		01/02/85	10.6	408.7	
		02/01/85	11.1	408.2	
		03/01/85	10.1	409.2	
		04/31/85	10.5	408.8	
		05/01/95	32.7	386.6	
		06/03/85	22.0	397.3	
		07/01/85	14.4	404.9	
		08/01/85	14.8	404.5	
		09/03/95	15.4	403.9	
12S/01W-35F01 S	429.6	10/01/84	22.4	407.2	5229
		11/01/84	22.8	406.8	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Z SAN DIEGO H8					
Z-09 SAN DIEGUITO HU					
Z-09.C SAN PASQUAL HA					
Z-09.C2 LAS LOMAS MUERTAS HSA					
12S/01W-35F01 S	429.6	12/03/84	22.1	407.5	5229
		01/02/85	18.6	411.0	
		02/01/85	20.9	408.7	
		03/01/85	38.6	391.0	
		04/01/85	16.9	412.7	
		05/01/85	17.3	412.3	
		06/03/85	18.3	411.3	
		07/01/85	20.7	408.9	
		08/01/85	44.0	385.6	
		09/03/85	22.9	406.7	
12S/01W-35F02 S	429.5	10/01/84	22.9	406.6	5229
		11/01/84	23.4	406.1	
		12/03/84	22.6	406.9	
		01/02/85	19.5	410.0	
		02/01/85	17.9	411.6	
		03/01/85	17.3	412.2	
		04/01/85	17.7	411.8	
		05/01/85	17.8	411.7	
		06/03/85	18.9	410.6	
		07/01/85	20.7	408.8	
		08/01/85	23.1	406.4	
		09/03/85	23.3	406.2	
12S/01W-35G02 S		03/01/85	NM-9		5229
		04/01/85	NM-9		
12S/01W-35H02 S	444.3	10/01/84	33.1	411.2	5229
		11/01/84	33.7	410.6	
		12/03/84	31.2	413.1	
		01/02/85	25.5	418.8	
		02/01/85	24.3	420.0	
		03/01/85	24.3	420.0	
		04/01/85	25.1	419.2	
		05/01/85	25.4	418.9	
		06/03/85	27.1	417.2	
		07/01/85	30.4	413.9	
		08/01/85	32.0	412.3	
		09/03/85	44.9	399.4	
12S/01W-35L04 S	430.0	10/01/84	24.9	405.1	5229
		11/01/84	25.4	404.6	
		12/03/84	25.2	404.8	
		01/02/85	23.1	406.9	
		02/01/85	21.4	408.6	
		03/01/85	20.6	409.4	
		04/01/85	21.8	408.2	
		05/01/85	20.9	409.1	
		06/03/85	23.1	406.9	
		07/01/85	23.0	407.0	
		08/01/85	24.0	406.0	
		09/03/85	26.7	403.3	
12S/01W-36001 S		03/01/85	NM-9		5229
		04/01/85	NM-9		
12S/01W-36003 S		03/01/85	NM-4		5229
		04/01/85	NM-4		
12S/01W-36F01 S	458.5	10/01/84	36.7	421.8	5229
		11/01/84	35.5	423.0	
		12/03/84	25.4	433.1	
		01/02/85	25.0	433.5	
		02/01/85	24.8	433.7	
		03/01/85	25.0	433.5	
		04/01/85	25.1	433.4	
		05/01/85	25.3	433.2	
		06/03/85	27.7	430.8	
		07/01/85	33.2	425.3	
		08/01/85	43.7	414.8	
		09/03/85	38.3	420.2	
12S/01W-36H01 S	467.1	10/01/84	39.2	427.9	5229
		11/01/84	32.9	434.2	
		12/03/84	31.2	435.9	
		01/02/85	32.0	435.1	
		02/01/85	31.8	435.3	
		03/01/85	32.0	435.1	
		04/01/85	32.3	434.8	
		05/01/85	32.5	434.6	
		06/03/85	33.0	434.1	
		07/01/85	37.6	429.5	
		08/01/85	40.5	426.6	
		09/03/85	44.0	423.1	
13S/01W-03E01 S		03/01/85	NM-9		5229
13S/01W-05A02 S	372.6	10/01/84	15.6	357.0	5229
		11/01/84	15.5	356.8	
		12/03/84	15.3	357.3	
		01/02/85	14.1	358.5	
		02/01/85	13.2	359.4	
		03/01/85	12.9	359.7	
		04/01/85	12.9	359.7	
		05/01/85	13.9	358.7	
		06/03/85	4.8	367.8	
		07/01/85	14.7	357.9	
		08/01/85	14.7	357.9	
		09/03/85	16.3	356.3	
13S/01W-06M01 S	334.3	10/01/84	5.2	329.1	5229
		11/01/84	5.7	328.6	
		12/03/84	5.9	328.4	
		01/02/85	5.8	328.5	
		02/01/85	5.9	328.4	
		03/01/85	5.9	328.4	
		04/01/85	5.9	328.4	
		05/01/85	6.1	328.2	
		06/03/85	6.3	328.0	

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Z SAN DIEGO H8					
Z-05 SAN DIEGUITO HU					
Z-09.C SAN PASQUAL HA					
Z-09.C2 LAS LOMAS MUERTAS HSA					
13S/01W-06M01 S	334.3	07/01/85	6.6	327.7	5229
		08/01/85	7.2	327.1	
		09/03/85	7.2	327.1	
Z-09.C4 HIDDEN HSA					
12S/01W-07E01 S	718.0	10/01/84	390.5	327.5	5229
		11/01/84	391.2	326.8	
		12/03/84	389.4	328.6	
		01/02/85	389.0	329.0	
		02/01/85	389.1	328.9	
		03/01/85	392.6	325.4	
		04/01/85	390.2	327.8	
		05/01/85	389.2	328.8	
		06/03/85	391.1	326.9	
		07/01/85	391.8	326.2	
		08/31/85	391.9	326.1	
		09/03/85	392.7	325.3	
Z-05.0 SANTA MARIA VALLEY H4					
Z-05.01 RAMONA HSA					
13S/01E-10R01 S	1450.0	10/01/84	15.2	1434.8	4402
		10/08/84	15.3	1434.7	
		10/11/84	15.3	1434.7	
		10/16/84	15.2	1434.8	
		10/20/84	15.3	1434.7	
		10/26/84	15.2	1434.8	
		11/01/84	15.3	1434.7	
		11/06/84	15.4	1434.6	
		11/12/84	15.5	1434.5	
		11/17/84	15.4	1434.6	
		01/02/85	13.0	1437.0	
		01/08/85	13.0	1437.0	
		01/15/85	13.0	1437.0	
		01/22/85	10.5	1439.5	
		01/27/85	9.3	1440.7	
		02/04/85	5.8	1444.2	
		02/08/85	5.3	1444.7	
		02/14/85	4.6	1445.4	
		02/19/85	4.5	1445.5	
		02/25/85	4.1	1445.9	
		02/28/85	3.8	1446.2	
		03/04/85	3.8	1446.2	
		03/07/85	5.0(1)	1445.0	
		03/14/85	6.0(1)	1444.0	
		03/20/85	6.4(1)	1443.6	
		03/26/85	6.5(1)	1443.5	
		04/01/85	3.3	1446.7	
		04/08/85	3.5	1446.5	
		04/12/85	3.5	1446.5	
		04/17/85	3.8	1446.2	
		04/22/85	3.8	1446.2	
		04/26/85	5.0	1445.0	
		05/02/85	6.0	1444.0	
		05/07/85	6.6	1443.4	
		05/10/85	8.4(1)	1441.6	
		06/11/85	14.2	1435.8	
		06/17/85	15.1	1434.9	
		06/24/85	15.2	1434.8	
		07/15/85	14.0	1436.0	
		07/22/85	15.5	1434.5	
		08/05/85	16.1	1433.9	
		08/10/85	16.2	1433.8	
		08/20/85	17.9	1432.1	
		08/29/85	18.1	1431.9	
		09/03/85	18.1	1431.9	
		09/11/85	18.4	1431.6	
		09/16/85	18.4	1431.6	
13S/01E-11M02 S	1455.5	10/02/84	19.4	1436.1	4402
		10/08/84	20.3	1435.2	
		10/12/84	20.4	1435.1	
		10/17/84	21.3	1434.2	
		10/23/84	21.9	1434.0	
		10/29/84	22.2	1433.3	
		11/02/84	22.4	1433.1	
		11/08/84	22.4	1433.1	
		11/12/84	22.6	1432.9	
		11/19/84	22.7	1432.8	
		01/02/85	13.5	1442.0	
		01/09/85	13.5	1442.0	
		01/15/85	13.0	1442.5	
		01/21/85	12.5	1443.0	
		01/25/85	11.3	1444.2	
		02/01/85	10.0	1445.5	
		02/08/85	9.0	1446.5	
		02/14/85	8.9(1)	1446.6	
		02/19/85	8.9(1)	1446.6	
		02/21/85	8.4(1)	1447.1	
		02/26/85	8.3(1)	1447.2	
		03/01/85	8.3(1)	1447.2	
		03/06/85	7.6(1)	1447.9	
		03/11/85	7.0(1)	1448.5	
		03/16/85	7.0(1)	1448.5	
		03/21/85	7.6(1)	1447.9	
		03/26/85	7.6(1)	1447.9	
		04/02/85	6.3(1)	1449.2	
		04/06/85	7.3(1)	1448.2	
		04/11/85	6.0(1)	1449.5	
		04/18/85	10.3(1)	1445.2	
		04/25/85	10.9(1)	1444.6	
		04/29/85	11.5(1)	1444.0	
		05/03/85	12.0(1)	1443.5	
		05/09/85	12.4(1)	1443.1	
		05/11/85	12.6(1)	1442.9	
		06/11/85	16.5	1439.0	
		06/17/85	16.5	1439.0	
		06/24/85	16.7	1438.8	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

I SAN DIEGO HB
Z-03 SAN DIEGUITO HU
I-03.0 SANTA MARIA VALLEY HA
I-03.01 RAMONA HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
135/01E-11M02 S	1455.5	07/15/83	18.7	1436.8	4402
		07/23/83	19.5	1436.0	
		07/29/83	20.0	1435.5	
		08/05/83	20.5	1435.0	
		08/10/83	20.7	1434.8	
		08/19/83	20.7	1434.8	
		08/26/83	21.0	1434.5	
		09/01/83	20.7	1434.8	
		09/10/83	21.0	1434.5	
		09/16/83	21.5	1434.0	
		09/23/83	21.0	1434.5	
		09/30/83	20.8	1434.7	
135/01E-11M04 S	1447.1	10/01/84	31.9(1)	1415.2	4402
		10/05/84	32.8(1)	1414.3	
		10/11/84	33.5(1)	1413.6	
		10/17/84	33.7(1)	1413.4	
		10/24/84	33.9(1)	1413.2	
		10/30/84	33.9(1)	1413.2	
		11/05/84	33.9(1)	1413.2	
		11/09/84	33.9(1)	1413.2	
		11/16/84	34.0(1)	1413.1	
		07/15/85	30.2(1)	1416.9	
		07/22/85	31.1(1)	1416.0	
		07/29/85	31.6(1)	1415.5	
		08/05/85	32.1(1)	1415.0	
		08/10/85	32.4(1)	1414.7	
		08/19/85	32.6(1)	1414.5	
		08/25/85	33.2(1)	1413.9	
		09/03/85	33.7(1)	1411.4	
		09/23/85	19.6	1427.5	
		09/29/85	19.3	1427.8	
135/01E-13A01 S	1436.1	10/01/84	33.6(1)	1402.7	4402
		10/06/84	33.9(1)	1402.4	
		10/12/84	34.0(1)	1402.3	
		10/18/84	34.0(1)	1402.3	
		10/29/84	34.0(1)	1402.3	
		11/04/84	34.0(1)	1402.3	
		11/08/84	34.0(1)	1402.3	
		11/12/84	34.0(1)	1402.3	
		11/16/84	33.9(1)	1402.4	
		01/02/85	26.3(1)	1410.0	
		01/07/85	25.8(1)	1410.5	
		01/11/85	25.4(1)	1410.9	
		01/21/85	23.0(1)	1413.3	
		01/28/85	23.0(1)	1413.3	
		02/01/85	21.5(1)	1414.8	
		02/06/85	20.3(1)	1415.8	
		02/12/85	20.0(1)	1416.3	
		02/18/85	20.3(1)	1416.0	
		02/21/85	14.1(1)	1422.2	
		02/26/85	14.0(1)	1422.3	
		03/01/85	12.8(1)	1423.5	
		03/08/85	12.0(1)	1424.3	
		03/15/85	11.5(1)	1424.8	
		03/21/85	10.5	1425.8	
		03/26/85	8.6	1427.7	
		04/01/85	17.0(1)	1419.3	
		04/05/85	17.4(1)	1418.9	
		04/11/85	18.0(1)	1418.3	
		04/15/85	18.8(1)	1417.5	
		04/19/85	19.8(1)	1416.5	
		04/26/85	19.9(1)	1416.4	
		05/01/85	20.0(1)	1416.3	
		05/06/85	20.9(1)	1415.4	
		05/10/85	21.6(1)	1414.7	
		06/11/85	26.4(1)	1409.9	
		06/17/85	27.3(1)	1408.8	
		06/24/85	27.7(1)	1408.6	
		07/15/85	28.0(1)	1408.3	
		07/20/85	31.2(1)	1405.1	
		07/29/85	31.7(1)	1404.6	
		08/05/85	33.0(1)	1403.3	
		08/10/85	32.7(1)	1403.6	
		08/18/85	31.0(1)	1405.1	
		08/25/85	31.5(1)	1402.8	
		09/02/85	33.1(1)	1403.2	
		09/24/85	21.2	1415.1	
		09/30/85	21.0	1415.3	
135/01E-13B01 S	1425.0	10/01/84	14.1	1410.9	4402
		10/06/84	14.9	1410.1	
		10/11/84	16.0	1409.0	
		10/16/84	15.9	1409.1	
		10/22/84	15.2	1409.8	
		10/26/84	14.4	1410.6	
		11/01/84	13.2	1411.8	
		11/07/84	13.0	1412.0	
		11/12/84	13.0	1412.0	
		11/16/84	13.0	1412.0	
		01/02/85	12.9	1412.1	
		01/09/85	12.4	1412.6	
		01/15/85	12.0	1413.0	
		01/21/85	7.5	1417.5	
		01/26/85	7.3	1417.7	
		02/01/85	7.1	1417.9	
		02/07/85	7.3	1417.7	
		02/11/85	6.9	1418.1	
		02/19/85	6.8	1418.2	
		02/23/85	6.8	1418.2	
		02/28/85	7.3	1417.7	
		03/04/85	7.6	1417.4	
		03/11/85	8.1	1416.9	
		03/15/85	8.1(1)	1416.9	
		03/21/85	7.5(1)	1417.5	
		03/26/85	7.5(1)	1417.5	
		04/01/85	6.6(1)	1418.4	
		04/06/85	6.6(1)	1418.4	

Z SAN DIEGO HB
Z-03 SAN DIEGUITO HU
I-03.0 SANTA MARIA VALLEY HA
Z-03.01 RAMONA HSA

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
135/01E-13B01 S	1425.0	04/11/85	6.6(1)	1418.4	4402
		04/16/85	6.6(1)	1418.4	
		04/22/85	6.6(1)	1418.4	
		04/26/85	6.6(1)	1418.4	
		05/01/85	11.1(1)	1413.9	
		05/06/85	12.6(1)	1412.4	
		05/13/85	13.3(1)	1411.7	
		08/19/85	21.5	1403.5	
		08/25/85	21.0	1404.0	
		09/04/85	17.7	1407.3	
		09/11/85	17.7	1407.3	
		09/16/85	17.6	1407.4	
		09/23/85	17.6	1407.4	
		09/10/85	17.5	1407.5	
135/01E-13M01 S	1410.0	10/05/84	13.4(1)	1396.6	4402
		10/11/84	13.7(1)	1396.3	
		10/15/84	14.0(1)	1396.0	
		10/20/84	14.2(1)	1395.8	
		10/26/84	14.4(1)	1395.6	
		11/01/84	14.6(1)	1395.4	
		11/05/84	14.7(1)	1395.3	
		11/12/84	14.8(1)	1395.2	
		11/16/84	15.0(1)	1395.0	
		01/02/85	11.5(1)	1398.5	
		01/09/85	10.8(1)	1399.2	
		01/15/85	10.5(1)	1399.5	
		01/21/85	9.0(1)	1401.0	
		01/28/85	8.5(1)	1401.5	
		02/01/85	8.0(1)	1402.0	
		02/07/85	7.9(1)	1402.1	
		02/12/85	7.6(1)	1402.4	
		02/15/85	7.6(1)	1402.4	
		02/20/85	7.5(1)	1402.5	
		02/26/85	6.8(1)	1403.2	
		03/01/85	7.1(1)	1402.9	
		03/06/85	7.4(1)	1402.6	
		03/11/85	7.4(1)	1402.6	
		03/18/85	7.2(1)	1402.8	
		03/26/85	7.2(1)	1402.8	
		04/01/85	8.0(1)	1402.0	
		04/05/85	8.1(1)	1401.9	
		04/11/85	8.4(1)	1401.6	
		04/16/85	8.4(1)	1401.6	
		04/22/85	8.5(1)	1401.5	
		04/26/85	8.5(1)	1401.5	
		05/01/85	8.8(1)	1401.2	
		05/06/85	14.0(1)	1396.0	
		05/10/85	14.5(1)	1395.5	
		06/11/85	14.3(1)	1395.7	
		06/17/85	15.1(1)	1394.9	
		06/25/85	15.6(1)	1394.4	
		07/15/85	16.3(1)	1393.7	
		07/22/85	16.6(1)	1393.4	
		07/29/85	15.8(1)	1394.2	
		08/05/85	16.1(1)	1391.9	
		08/11/85	16.8(1)	1393.2	
		08/25/85	17.0(1)	1393.0	
		09/03/85	17.0	1393.0	
		09/11/85	16.6	1393.4	
		09/16/85	16.5	1393.5	
		09/23/85	16.5	1393.5	
		09/30/85	16.2	1391.8	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
I SAN DIEGO HB					
I-07 SAN DIEGO RIVER HU					
I-07.A LOWER SAN DIEGO HA					
I-07.A2 SANTEE HSA					
15S/01E-17B01 S	430.0	10/01/84	19.2	410.8	5400
		11/01/84	19.5	410.5	
		12/04/84	19.7	410.3	
		01/08/85	19.6	410.4	
		02/04/85	17.5	412.5	
		03/01/85	17.3	412.7	
		04/01/85	17.2	412.8	
		05/04/85	17.2	412.8	
		06/05/85	19.3	410.7	
		07/10/85	20.0	410.0	
		08/02/85	20.5	409.5	
		09/07/85	20.7	409.3	
15S/01E-17B02 S	425.0	10/01/84	16.4	408.6	5400
		11/01/84	16.7	408.3	
		12/04/84	16.8	408.2	
		01/08/85	16.7	408.3	
		02/04/85	15.7	409.3	
		03/01/85	15.4	409.6	
		04/01/85	15.2	409.8	
		05/04/85	15.2	409.8	
		06/05/85	16.6	408.4	
		07/10/85	17.2	407.8	
		08/02/85	17.5	407.5	
		09/07/85	17.6	407.4	
15S/01E-17H02 S	430.0	10/01/84	18.6	411.4	5400
		11/01/84	18.8	411.2	
		12/04/84	18.9	411.1	
		01/08/85	18.7	411.3	
		02/04/85	17.8	412.2	
		03/01/85	17.8	412.2	
		04/01/85	17.8	412.2	
		05/04/85	17.9	412.1	
		06/05/85	18.9	411.1	
		07/10/85	19.6	410.4	
		08/02/85	20.0	410.0	
		09/07/85	20.0	410.0	
15S/01E-17H07 S	435.0	10/01/84	18.8	416.2	5400
		11/01/84	19.2	415.8	
		12/04/84	19.2	415.8	
		01/08/85	18.9	416.1	
		02/04/85	18.1	416.9	
		03/01/85	18.1	416.9	
		04/01/85	18.0	417.0	
		05/04/85	18.1	416.9	
		06/05/85	19.1	415.9	
		07/10/85	19.8	415.2	
		08/02/85	20.4	414.6	
		09/07/85	20.7	414.3	
15S/01E-20B04 S	476.6	10/01/84	14.4	462.2	5400
		11/01/84	22.5	454.1	
		12/04/84	23.1	453.5	
		01/08/85	22.6	454.0	
		02/04/85	22.4	454.2	
		03/01/85	24.4	452.2	
		04/01/85	14.8	461.8	
		05/04/85	17.7	458.9	
		06/05/85	14.1	462.5	
		07/10/85	23.3	453.3	
		08/02/85	24.1	452.5	
		09/07/85	22.2	454.4	
I-07.A5 EL MONTE HSA					
15S/01E-09P01 S	445.0	10/01/84	15.7	429.3	5400
		11/01/84	15.8	429.2	
		12/04/84	15.7	429.3	
		01/08/85	15.6	429.4	
		02/04/85	15.6	429.4	
		03/01/85	15.6	429.4	
		04/01/85	15.7	429.3	
		05/04/85	15.7	429.3	
		06/05/85	15.9	429.1	
		07/10/85	16.4	428.6	
		08/02/85	16.6	428.4	
		09/07/85	16.7	428.3	
15S/01E-09Q02 S		10/01/84	NM-9		5400
		01/08/85	NM-9		
		07/10/85	NM-9		
		08/02/85	NM-9		
15S/01E-09R01 S		10/01/84	NM-9		5400
		01/08/85	NM-9		
		07/10/85	NM-9		
		08/02/85	NM-9		
15S/01E-10N01 S	450.0	10/01/84	9.6	440.4	5400
		11/01/84	9.7	440.3	
		12/04/84	9.7	440.3	
		01/08/85	9.6	440.4	
		02/04/85	9.6	440.4	
		03/01/85	9.8	440.2	
		04/01/85	9.9	440.1	
		05/04/85	10.0	440.0	
		06/05/85	10.5	439.5	
		07/10/85	10.9	439.1	
		08/02/85	11.8	438.2	
		09/07/85	11.5	438.5	
15S/01E-16B01 S		10/01/84	NM-9		5400
		01/08/85	NM-9		
		07/10/85	NM-9		
		08/02/85	NM-9		
15S/01E-16C02 S		10/01/84	NM-9		5400
		01/08/85	NM-9		
		07/10/85	NM-9		
		08/02/85	NM-9		
I I SAN DIEGO HB					
I-07 SAN DIEGO RIVER HU					
I-07.A LOWER SAN DIEGO HA					
I-07.A5 EL MONTE HSA					
15S/01E-16C02 S		01/08/85	NM-9		5400
		07/10/85	NM-9		
		08/02/85	NM-9		
15S/01E-16C03 S		10/01/84	NM-9		5400
		01/08/85	NM-9		
		07/10/85	NM-9		
		08/02/85	NM-9		
15S/01E-16C04 S		10/01/84	NM-9		5400
		01/08/85	NM-9		
		07/10/85	NM-9		
		08/02/85	NM-9		
15S/01E-16E01 S		10/01/84	NM-9		5400
		01/08/85	NM-9		
		07/10/85	NM-9		
		08/02/85	NM-9		
I-07.0 BOULDER CREEK HA					
I-07.02 SPENCER HSA					
13S/04E-05B01 S	4200.0	10/01/84	18.0	4182.0	4326
		11/01/84	12.0	4188.0	
		12/03/84	10.0	4190.0	
		01/02/85	27.0	4173.0	
		02/01/85	24.0	4176.0	
		03/01/85	20.0	4180.0	
		04/01/85	21.0	4179.0	
		05/01/85	24.0	4176.0	
		06/03/85	25.0	4175.0	
		07/01/85	27.0	4173.0	
		08/02/85	27.0	4173.0	
		09/03/85	12.0	4188.0	
13S/04E-06A01 S	4220.0	10/01/84	80.0	4140.0	4326
		11/01/84	35.0	4185.0	
		12/03/84	85.0	4135.0	
		01/02/85	80.0	4140.0	
		02/01/85	74.0	4146.0	
		03/01/85	84.0	4136.0	
		04/01/85	82.0	4138.0	
		05/01/85	80.0	4140.0	
		06/03/85	80.0	4140.0	
		07/01/85	84.0	4136.0	
		08/02/85	84.0	4136.0	
		09/03/85	89.0	4131.0	
13S/04E-06A02 S	4210.0	10/01/84	20.0	4190.0	4326
		11/01/84	30.0	4180.0	
		12/03/84	28.0	4182.0	
		01/02/85	24.0	4186.0	
		02/01/85	21.0	4189.0	
		03/01/85	27.0	4183.0	
		04/01/85	22.0	4188.0	
		05/01/85	30.0	4180.0	
		06/03/85	30.0	4180.0	
		07/01/85	31.0	4179.0	
		08/02/85	31.0	4179.0	
		09/03/85	52.0	4158.0	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Z SAN DIEGO HB					
Z-09 SWEETWATER HU					
Z-09.8 MIDDLE SWEETWATER HA					
Z-09.81 JAMACHA HSA					
16S/01E-31003 S	325.8	11/06/84	6.3	319.5	6100
		11/13/84	5.9	319.9	
		12/31/84	5.7	320.1	
		01/04/85	5.5	320.3	
		01/14/85	5.3	320.5	
		01/18/85	5.3	320.5	
		01/25/85	5.9	319.9	
		03/26/85	7.0	318.8	
		08/15/85	9.0	316.8	

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Z SAN DIEGO HB					
Z-11 TIJUANA HU					
Z-11.A TIJUANA VALLEY HA					
Z-11.A1 SAN YSIDRO HSA					
19S/02W-01N02 S	50.2	10/22/84	13.1	37.1	5015
		11/20/84	14.4	35.8	
		12/17/84	14.5	35.7	
		01/18/85	13.6	36.6	
		02/19/85	14.0	36.2	
		03/15/85	14.1	36.1	
		04/22/85	14.5	35.7	
		05/22/85	14.9	35.3	
		06/18/85	15.2	35.0	
		07/17/85	15.5	34.7	
		08/30/85	15.7	34.5	
		09/30/85	16.2	34.0	
19S/02W-02K01 S	44.9	10/22/84	10.8	34.1	5015
		11/20/84	11.0	33.9	
		12/17/84	10.6	34.3	
		01/18/85	10.1	34.8	
		02/19/85	10.3	34.6	
		03/15/85	10.4	34.5	
		04/22/85	10.9	34.0	
		05/22/85	11.2	33.7	
		06/18/85	11.7	33.2	
		07/17/85	12.1	32.8	
		08/30/85	12.4	32.5	
		09/30/85	12.7	32.2	
Z-11.D MONUMENT HA					
Z-11.D1 PINE HSA					
15S/04E-25N01 S	3650.0	10/31/84	13.0	3637.0	5723
		11/30/84	13.8	3636.2	
		12/31/84	11.8	3638.2	
		01/31/85	11.4	3638.6	
		02/28/85	12.0	3638.0	
		03/31/85	10.3	3639.7	
		04/30/85	10.8	3639.2	
		05/31/85	14.0	3636.0	
		06/30/85	19.8	3630.2	
		07/31/85	31.4	3618.6	
		08/31/85	29.3	3620.7	
		09/30/85	30.0	3620.0	
15S/04E-25M01 S	3640.0	10/31/84	5.0	3635.0	5723
		11/30/84	5.0	3635.0	
		12/31/84	5.0	3635.0	
		01/31/85	5.0	3635.0	
		02/28/85	5.0	3635.0	
		03/31/85	5.0	3635.0	
		04/30/85	5.0	3635.0	
		05/31/85	5.0	3635.0	
		06/30/85	23.0	3617.0	
		07/31/85	65.5	3574.5	
		08/31/85	20.0	3620.0	
		09/30/85	20.0	3620.0	
15S/04E-26J01 S	3851.0	10/31/84	50.0	3801.0	5723
		11/30/84	63.5	3787.5	
		12/31/84	59.0	3792.0	
		01/31/85	58.0	3793.0	
		02/28/85	56.0	3795.0	
		03/31/85	57.6	3793.4	
		04/30/85	56.0	3795.0	
		05/31/85	61.0	3790.0	
		06/30/85	61.0	3790.0	
		07/31/85	63.7	3787.3	
		08/31/85	68.0	3783.0	
		09/30/85	61.0	3790.0	
15S/04E-26R01 S	3645.0	10/31/84	9.0	3636.0	5723
		01/31/85	NM-1		
		02/28/85	NM-3		
		03/31/85	NM-1		
		04/30/85	NM-1		
		05/31/85	NM-1		
		06/30/85	NM-1		
		07/31/85	NM-1		
		08/31/85	10.0	3635.0	
		09/30/85	6.0	3639.0	
15S/04E-36E01 S	4000.0	10/31/84	12.5	3987.5	5723
		11/30/84	23.5(1)	3976.5	
		12/31/84	12.5	3987.5	
		01/31/85	13.5	3986.5	
		02/28/85	12.5	3987.5	
		03/31/85	13.5	3986.5	
		04/30/85	11.5	3988.5	
		06/30/85	13.5	3986.5	
		07/31/85	13.5	3986.5	
		08/31/85	13.5	3986.5	
		09/30/85	11.5	3988.5	

APPENDIX E

GROUND WATER QUALITY

APPENDIX E
GROUND WATER QUALITY

Appendix E presents the results of chemical analyses of ground water samples collected in Southern California from October 1, 1984 to September 30, 1985. The data are grouped into four categories:

Table	Title
E-1	Mineral Analyses of Ground Water
E-2	Minor Element Analyses of Ground Water
E-3	Miscellaneous Analyses of Ground Water
E-4	Nutrient Analyses of Ground Water

Ground water quality stations are listed in the tables by ascending areal code. The areal code is explained on page 2. Areal code numbers appear in the tables to the left of the hydrologic area names, and the data listed thereunder are in that hydrologic area. The number of quality stations precludes plotting each individual well on maps in this publication. Instead, Figure 8 shows the location of the ground water basins in which the water samples were taken.

To facilitate station location, the cross reference on the following page relates the hydrologic areas to the ground water basins shown on Figure 8 and lists the respective areal codes. The location and definition of any hydrologic area may be determined by entering Figure 2, page 4, with the corresponding areal code. The cross reference also lists the page numbers on which the analyses may be found. (The number of pages referenced indicates the extent of analysis of each station.)

The location of a well can be approximated by the well number. The numbering system for the wells is described in Appendix D, page 73.

In order to increase the amount of information in the water quality tables, multiple headings are used at the top of the column, and data are tabulated respectively. For example, the first column of Table E-1 shows the date of sampling printed above the time of sampling so the data are tabulated in that order. If a part of the values for a multiple heading column are obtained, they will appear in the column with respect to the heading positions. If dashes (or no data) appear in a column, it means no data was obtained.

Abbreviations and codes used in the tables are explained at the beginning of each table.

APPENDIX E CROSS REFERENCE
GROUND WATER BASIN—AREAL CODE

Ground Water Basin No.	Name	Hydrologic Area*		Areal Code**	Data on page
		CENTRAL COAST	HB		
		ESTERO BAY	HU		
		Cambria	HA		
3-33	San Carpoforo Valley	San Carpoforo	HSA	T-10.A1	81
3-34	Arroyo de la Cruz Valley	Arroyo de la Cruz	HSA	T-10.A2	81
3-35	San Simeon	San Simeon	HSA	T-10.A2	81
3-36	Santa Rosa Valley	Santa Rosa Creek	HSA	T-10.A4	81
3-37	Villa Valley	Villa	HSA	T-10.A5	81
		Point Buchon	HA		
3-41	Horro Valley	Horro	HSA	T-10.B1	81
3-42	Chorro Valley	Chorro	HSA	T-10.B2	81
3-8	Los Osos Valley	Los Osos	HSA	T-10.B3	81
3-9	San Luis Obispo Valley	San Luis Obispo Creek	HSA	T-10.B4	81
3-10	Pismo Creek Valley	Pismo	HSA	T-10.B6	82
		Arroyo Grande	HA		
3-11	Arroyo Grande Valley	Oceano	HSA	T-10.C1	82
	Nipomo Mesa Area	Nipomo Mesa	HSA	T-10.C2	83
3-19	Carrizo Plain	CARRIZO PLAIN	HU	T-11	84
		SANTA MARIA	HU		
3-12	Santa Maria River Valley	Guadalupe	HA	T-12.A	84
	Santa Maria River Valley	Sisquoc	HA	T-12.B	35
3-13	Cuyama Valley	Cuyama Valley	HA	T-12.C	85
		SANTA YNEZ	HU		
3-15	Santa Ynez River Valley	Lompoc	HA	T-14.A	85
	Santa Ynez River Valley	Santa Rita	HA	T-14.B	86
3-15	Santa Ynez River Valley	Buellton	HA	T-14.C	87
3-15	Santa Ynez River Valley	Los Olivos	HA	T-14.D	88
		SOUTH COAST	HU		
		Coal Oil Point	HA		
3-17	Santa Barbara Basin	Santa Barbara	HSA	T-15.B2	89
		LOS ANGELES	HB		
		VENTURA RIVER	HU		
4-3	Ventura River Valley	Upper Ventura Rr	HA	U-02.B	90
		Ojai	HA		
4-1	Upper Ojai Valley	Upper Ojai	HSA	U-02.C1	90
4-2	Ojai Valley	Ojai Valley	HSA	U-02.C2	90
		SANTA CLARA CALLEGUAS	HU		
		Oxnard Plain	HA		
4-4	Santa Clara River Valley	Oxnard	HSA	U-03.A1	92
4-6	Pleasant Valley	Pleasant Valley	HSA	U-03.A2	95
		Santa Paula	HA		
4-4	Santa Clara River Valley	Sulphur Springs	HSA	U-03.B1	96
4-4	Santa Clara River Valley	Sisar	HSA	U-03.B2	98
		Gespe	HA		
4-4	Santa Clara River Valley	Fillmore	HSA		98
		Piru	HA		
4-4	Santa Clara River Valley	Santa Felicia	HSA	U-03.D1	99
		Upper Piru	HSA	U-03.D2	99
4-18	Hungry Valley	Hungry Valley	HSA	U-03.D3	99
4-17	Lockwood Valley	Stauffer	HSA	U-03.D4	99
		Upper Santa Clara River	HA		
4-4.07	Santa Clara River Valley Eastern Basin	Eastern	HSA	U-03.E1	99
4-5	Acton Valley	Acton	HSA	U-03.E5	100
		Calleguas-Conejo	HA		
4-9	Las Posas Valley	West Las Posas	HSA	U-03.F1	100
4-8	Las Posas Valley	East Las Posas	HSA	U-03.F2	100
4-7	Arroyo Santa Rosa Valley	Arroyo Santa Rosa	HSA	U-03.F3	101
4-21	Conejo-Tierra Rejada Volcanic Areas	Conejo Valley	HSA	U-03.F4	101
4-21	Conejo-Tierra Rejada Volcanic Areas	Tierra Rejada Valley	HSA	U-03.F5	101
		Simi Valley	HSA	U-03.F7	102
4-19	Thousand Oaks Area	Thousand Oaks	HSA	U-03.F8	102
		MALIBU	HU		
		Malibu Creek	HA		
4-21	Conejo-Tierra Rejada Volcanic Areas	Sherwood	HSA	U-04.B6	102
		LA SAN GABRIEL RIVER	HU		
		Coastal Plain	HA		
4-11	Coastal Plain-Los Angeles County	West Coast	HSA	U-05.A2	103
4-11	Coastal Plain-Los Angeles County	Santa Monica	HSA	U-05.A3	06
	Coastal Plain-Los Angeles County	Central	HSA	U-05.A5	106
		Raymond	HA		
4-13	San Gabriel Valley	Pasadena	HSA	U-05.C1	107
4-13	San Gabriel Valley	Santa Anita	HSA	U-05.C3	108
		San Gabriel Valley	HA		
4-13	San Gabriel Valley	Main San Gabriel	HSA	U-05.D1	108
		Spadra	HA		
4-14	Upper Santa Ana Valley	Live Oak	HSA	U-05.E3	108
		Anaheim	HA		
8-1	Coastal Plain-Orange Co.	Buena Park	HSA	U-05.F1	108
8-1	Coastal Plain-Orange Co.	La Habra	HSA	U-05.F2	110
8-1	Coastal Plain-Orange Co.	Yorba Linda	HSA	U-05.F3	110
		SOUTH LAHONTAN	HB		
		ANTELOPE	HU		
		Chafer	HA		
6-44	Antelope Valley	Willow Springs	HSA	W-26.A3	111
	Antelope Valley	Rock Creek	HSA	W-26.A8	111
		MOJAVE	HU		
6-43	El Mirage Valley Valley	El Mirage	HA	W-28.A	111
6-42	Upper Mojave River Valley	Upper Mojave	HA	W-28.B	111
7-41	Middle Mojave River Valley	Middle Mojave	HA	W-28.C	111
6-40	Lower Mojave River Valley	Lower Mojave	HA	W-28.E	111
		Newberry Springs	HA		
6-39	Troy Valley	Troy Valley	HSA	W-28.F2	111
		Afton	HA		
6-38	Caves Canyon Valley	Caves	HSA	W-28.G1	111

*See page 2.
**See Figure 2

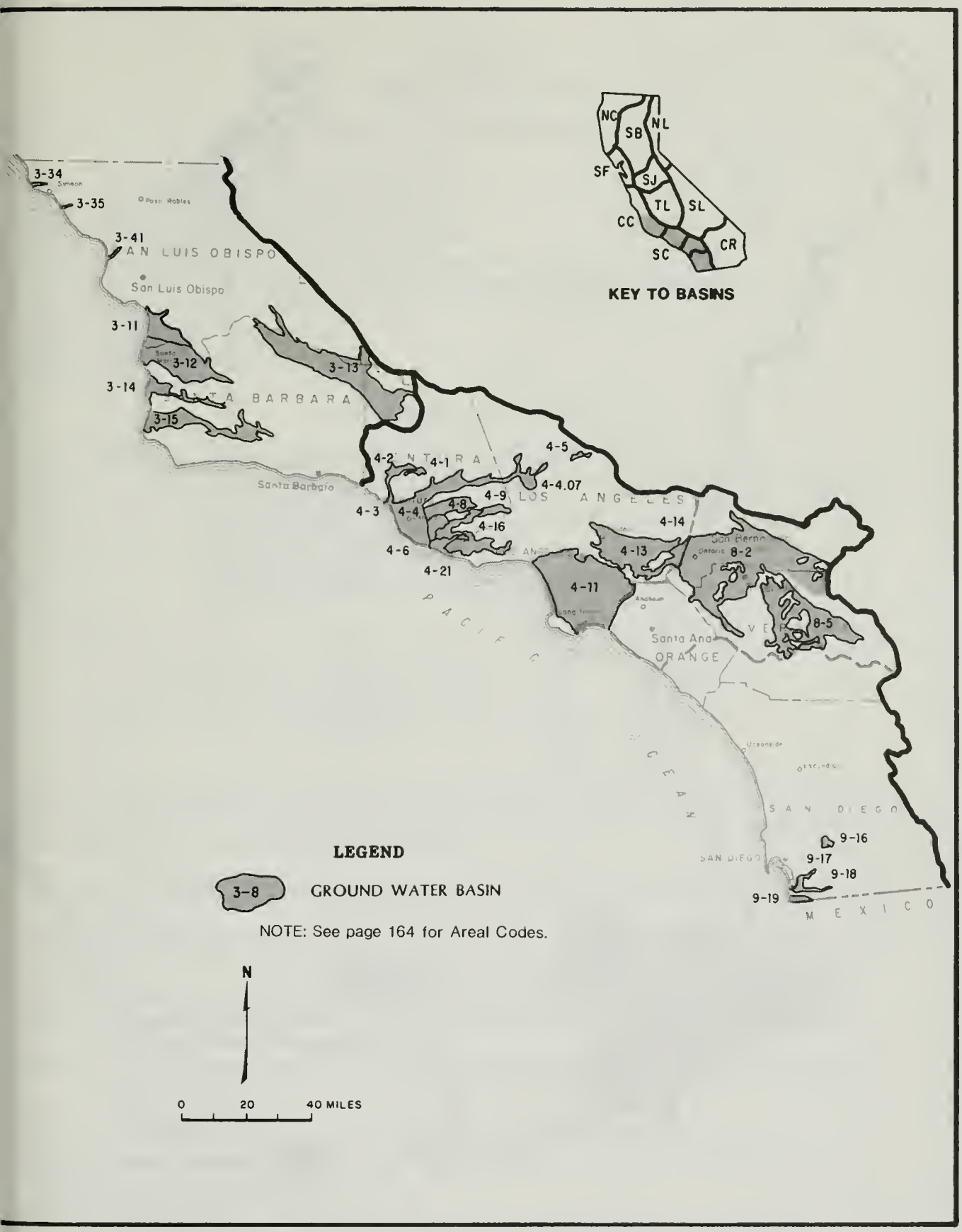


Figure 8 LOCATION OF GROUND WATER BASINS-QUALITY
CENTRAL COASTAL & SOUTH COASTAL BASINS

Figure 8 LOCATION OF GROUND WATER BASINS-QUALITY
SOUTH LAHONTAN BASIN

TABLE E
MINERAL ANALYSES OF GROUND WATER

Lab and Sampler Agency Code

1101 - Los Angeles County Flood Control District
4740 - Southern California Edison Company
5050 - California Department of Water Resources
5064 - California Department of Water Resources, Castaic Lab
5117 - San Luis Obispo County Flood Control and Water Conservation District
5121 - Ventura County Flood Control District
5867 - Fruit Growers Laboratory
5875 - Eastern Municipal Water District
8090 - Ventura County

Abbreviations and Constituents

TIME	-	Pacific Standard Time on a 24-hour clock
TEMP	-	Water temperature at time of sampling in degrees Fahrenheit (F) or Celcius (C)
Field	-	Determined in the field
Laboratory	-	Determined in the laboratory
pH	-	Measure of acidity or alkalinity of water
EC	-	Electrical conductance in microseimens at 25°C

Constituents:

B	-	Boron	K	-	Potasasium
CA	-	Calcium	MG	-	Magnesium
CACO3	-	Calcium Carbonate	NA	-	Sodium
CL	-	Chloride	NO3	-	Nitrate
F	-	Fluoride	SIO2	-	Silica
			SO4	-	Sulfate

Boron, Fluoride, and Silica are reported in milligrams per liter. The other minerals are reported in each of three units: milligrams per liter, milliequivalents per liter, and percent reactance value; accordingly, each observation can use three lines of tabulation.

MILLIEQUIVALENTS PER LITER is the concentration in Mg/l divided by the equivalent weight of the ion.

PERCENT REACTANCE VALUE is determined by dividing the sum of the cations or anions in milliequivalents per liter into each constituent in milliequivalents per liter, arriving at a percentage.

TURB	-	Jackson Turbidity Units measured with a Hach Nephelometer (A), if in the field (F)
TDS	-	Gravimetric determination of total dissolved solids at 180°C (value followed by * is a determination at 105°C)
SUM	-	Total dissolved solids by summation of analyzed constituents minus 40 percent of the carbonate weight
TH	-	Total Hardness
NCH	-	Noncarbonate hardness - any excess of total hardness over total alkalinity
SAR	-	Sodium Adsorption ratio
ASAR	-	Adjusted sodium adsorption ratio

(Continued on next page)

REM - Remarks; code letter are:

T - Total dissolved solids and the calculated sum of constituents are not within 20 percent of each other.

S - The anion sum and cation sum for a complete analysis is not within the prescribed tolerance of ± 5 percent.

X - The field EC and the lab EC are not within 20 percent of each other.

C - The electrical conductivity divided by the EC-EPM factor (or, if absent, 100) is not within 20 percent of the average of the cation sum and anion sum for complete analysis.

E - Total Dissolved Solids (TDS) value is not within the range of 0.35 to 0.70 of the electrical conductivity.

TABLE E-1

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER CA	MG	NA	K	MILLIGRAMS PER LITER PERCENT REACTANCE VALUE CACO3	SO4	CL	NO3	MILLIGRAMS PER LITER B	F	TDS	TH	SAR	REM
	T		CENTRAL COAST HR															
	T-10		ESTERO BAY HU															
	T-10.4		CAMBRIA HA															
	T-10.A2		ARROYO DE LA CRUZ HSA															
	29S/06E-35N01 M																	
04/19/85	5117	65 F			38	29	16	1.3	194	32	18	2.9	.1	.1	239	214	0.5	
1200	5050	18 C	8.1	458	1.90	2.38	.70	.03	3.88	.67	.51	.05		--	254	20	1.0	
					38	48	14	1	76	13	10	1						
	T-15.43		SAN SIMEON HSA															
	27S/08E-06G01 M																	
04/19/85	5117	65 F			94	49	24	1.3	270	50	35	4.0	.1	.2	369	320	0.6	
1300	5050	18 C	8.2	656	2.69	3.70	1.04	.03	5.39	1.04	.99	.06		--	375	50	1.4	
					36	50	14	0	72	14	13	1						
	27S/08E-04P02 M																	
04/19/85	5117	75 F			56	85	99	2.6	277	27	266	26.0	.1	.3	752	489	1.9	
1500	5050	24 C	8.1	1370	2.79	6.99	4.31	.07	5.53	.56	7.50	.42		--	728	213	4.9	
					20	49	30	0	39	4	54	3						
	27S/08E-09P02 M																	
04/19/85	5117				58	39	22	1.2	266	44	29	4.0	.2	.2	327	305	0.8	
1415	5050		8.3	622	2.89	3.21	.96	.03	5.31	.92	.71	.06		--	353	40	1.3	
					41	45	14	0	76	13	10	1						
	27S/08E-10G01 M																	
04/19/85	5117	70 F			53	34	18	1.0	239	47	18	2.0	.2	.2	305	272	0.5	
1400	5050	21 C	8.2	549	2.64	2.80	.78	.03	4.78	.98	.51	.03		--	317	33	1.1	
					42	45	12	0	76	16	8	0						
	T-10.8		POINT ROCHON HA															
	T-10.81		MORRO HSA															
	29S/10E-29F06 M																	
04/22/85	5117	70 F			64	55	43	.7	328	62	56	1.2	.1	.3	469	386	1.0	
1500	5050	21 C	8.3	835	3.19	4.52	1.87	.02	6.55	1.29	1.58	.02		--	479	58	2.4	
					33	47	19	0	69	14	17	0						
	29S/11E-17A01 M																	
04/19/85	5117	70 F			65	52	58	1.2	383	48	47	5.3	.2	.4	496	376	1.3	
0930	5050	21 C	8.2	871	3.24	4.28	2.52	.03	7.65	1.00	1.33	.09		--	506	0	3.4	
					32	43	25	0	76	10	13	1						
	29S/11E-19J01 M																	
04/19/85	5117	70 F			48	63	50	.8	392	38	64	2.5	.1	.5	512	379	1.1	
0900	5050	21 C	8.3	868	2.40	5.18	2.18	.02	7.03	.79	1.80	.04		--	477	28	2.9	
					25	53	22	0	73	8	19	0						
	T-10.C		ARROYO GRANDE HA															
	T-10.C1		OCEANO HSA															
	31S/14E-31N02 M																	
04/16/85	5117	61.0F			97	46	28	2.6	272	186	20	1.6	.0	.5	588	431	0.6	
0930	5050	16.1C	8.3	849	4.84	3.78	1.22	.07	5.43	3.97	.56	.03		--	544	160	1.5	
					49	38	12	1	55	39	6	0						
	T-10.C2		NIPOMO MESA HSA															
	11N/35W-05L01 S																	
04/19/85	5117	86.0F			53	23	46	2.8	122	136	48	.9	.1	.3	459	226	1.3	E
1410	5050	30.0C	8.2	650	2.64	1.89	2.00	.07	2.44	2.83	1.39	.01		--	383	105	2.5	
					40	29	30	1	37	43	20	0						
	11N/35W-09P01 S																	
04/19/85	5117	70.0F			13	7.0	35	2.6	44	16	50	12.9	.0	.1	204	62	1.9	
1445	5050	21.1C	7.9	308	.65	.58	1.52	.07	.88	.33	1.41	.21		--	163	18	1.9	T
					23	21	54	2	31	12	50	7						
	T-12		SANTA MARIA HU															
	T-12.4		GUADALUPE HA															
	09N/34W-08H01 S																	
07/24/85	5050			500	26	16	78	3.4	42	59	128	14.0	.1	.3	416	131	3.0	X
1000	0000		7.6	659	1.30	1.32	3.39	.09	.84	1.23	3.61	.23		--	350	69	3.6	
					21	22	56	1	14	21	61	4						
	10N/33W-07R02 S																	
07/24/85	5050			900	128	51	56	.2	197	378	39	.0	.1	.7	835	529	1.1	E
1200	0000		7.8	1020	6.39	4.19	2.44	.11	3.94	7.87	1.10	.00		--	774	332	2.6	C
					49	32	19	1	31	61	9	0						
	10N/33W-35C01 S																	
07/24/85	5050	64 F		950	128	55	69	2.5	216	390	45	1.5	.2	.6	908	546	1.3	EX
1300	0000	18 C	7.7	1230	6.39	4.52	3.00	.06	4.32	8.12	1.27	.02		--	821	330	3.2	
					46	32	21	0	31	59	9	0						
	10N/35W-07E03 S																	
07/22/85	5050		7.3	2100	305	125	94	4.8	258	990	130	6.2	.2	.7	1990	1280	1.1	E
1430	0000		7.9	2340	15.22	10.28	4.09	.12	5.15	20.61	3.67	.13		--	1810	1018	3.2	C
					51	35	14	0	17	70	12	0						
	10N/35W-09N02 S																	
07/22/85	5050	68 F		1030	111	55	62	3.7	172	349	49	8.5	.2	.4	902	503	1.2	E
1700	0000	20 C	8.0	1170	5.54	4.52	2.70	.09	3.44	7.68	1.38	.14		--	762	331	2.8	
					43	35	21	1	27	61	11	1						
	10N/35W-24A02 S																	
07/22/85	5050	69 F		2250	202	106	190	4.0	345	564	259	99.0	.4	.7	1770	940	2.7	E
1730	0000	19 C	7.6	2410	10.08	8.72	8.27	.20	6.89	11.74	7.30	1.60		--	1635	596	7.6	
					37	32	30	1	25	43	27	6						

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD PH	LABORATORY EC	CA	MG	NA	K	CACO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	SAR ASAR	PEM
					MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER				PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					
	T		CENTRAL COAST HB															
	T-12		SANTA MARIA HU															
	T-12.A		GUADALUPE MA															
	10N/36W-11R01 S																	
07/22/85	5050		7.4	900	105	51	51	3.3	210	292	43	2.9	.1	.4	775	472	1.0	E
1500	0000		8.0	1030	5.24	4.19	2.22	.08	4.20	6.08	1.21	.05		--	474	262	2.5	
					45	36	19	1	36	53	10	0						
	11N/34W-30001 S																	
07/24/85	5050	62 F		800	105	40	56	2.9	180	292	37	4.2	.1	.6	687	426	1.2	E
1100	0000	17 C	7.9	970	5.24	3.29	2.44	.07	3.60	6.08	1.04	.07		--	645	247	2.7	
					47	30	22	1	33	56	10	1						
	11N/35W-33F01 S																	
07/22/85	5050	62 F		1650	220	80	98	4.9	328	564	72	80.0	.2	.6	1440	878	1.4	E
1645	0000	17 C	7.9	1840	10.98	6.58	4.26	.13	6.55	11.74	2.03	1.29		--	1316	551	4.0	
					50	30	19	1	30	54	9	6						
	11N/35W-33G01 S																	
07/22/85	5050	62 F		1100	153	54	66	3.5	258	364	44	52.0	.3	.5	990	604	1.2	E
1620	0000	17 C	7.9	1300	7.63	4.44	2.87	.09	5.15	7.58	1.24	.84		--	891	346	3.0	
					51	30	19	1	35	51	8	6						
	T-12.B		SISQUOC MA															
	09N/33W-02A07 S																	
07/24/85	5050	64 F		1100	127	70	71	3.4	235	394	62	12.4	.2	.6	957	604	1.3	F
1545	0000	18 C	7.9	1310	6.34	5.76	3.09	.09	4.70	8.24	1.75	.20		--	883	370	3.2	
					41	38	20	1	32	55	12	1						S
	09N/33W-02H09 S																	
07/24/85	5050	63 F		700	65	43	43	4.5	127	268	43	8.2	.1	.5	607	338	1.5	Y
1315	0000	17 C	7.7	886	3.24	3.54	2.74	.12	2.54	5.58	1.21	.13		--	571	212	3.1	
					34	37	28	1	27	59	13	1						
	T-12.C		CUYAMA VALLEY MA															
	09N/24W-33M01 S																	
07/23/85	5050			900	70	10	173	3.6	246	198	91	3.6	.3	.8	709	215	5.1	Y
1600	0000		7.9	1140	3.49	.82	7.53	.09	4.92	4.12	2.57	.06		--	697	0	11.0	
					29	7	63	1	42	35	22	1						
	09N/25W-13B01 S																	
07/23/85	5050	60 F		1350	204	86	58	4.1	128	817	9.0	2.1	.2	.9	1370	842	0.9	F
1615	0000	16 C	7.6	1590	10.18	7.07	2.52	.10	2.56	17.01	.25	.03		--	1257	735	2.1	C
					51	36	13	1	13	86	1	0						
	09N/26W-01F02 S																	
07/23/85	5050			1700	185	112	118	5.0	144	974	10	1.9	.1	.7	1670	922	1.7	F
1215	0000		7.8	1900	9.23	9.21	5.13	.13	2.88	20.28	.28	.03		--	1492	779	4.2	C
					39	39	22	1	12	86	1	0						
	10N/25W-17R01 S																	
07/23/85	5050	64 F		2350	375	156	126	8.0	232	1480	25	28.0	.4	1.0	2560	1580	1.4	E
1500	0000	18 C	7.7	2710	18.71	12.83	5.48	.20	4.64	30.81	.71	.45		--	2338	1346	3.9	C
					50	34	15	1	13	84	2	1						
	10N/25W-23E02 S																	
07/23/85	5050	76 F		1750	204	97	140	8.0	84	1040	40	2.5	.5	.8	1770	908	2.0	F
1525	0000	24 C	7.8	1980	10.18	7.98	6.09	.20	1.68	21.65	1.13	.04		--	1582	825	4.5	C
					42	33	25	1	7	88	5	0						
	10N/25W-30E03 S																	
07/23/85	5050	68 F		1600	223	106	81	4.3	155	946	16	19.0	.2	.7	1640	992	1.1	F
1320	0000	20 C	7.8	1840	11.13	8.72	3.52	.11	3.10	19.70	.45	.31		--	1488	838	2.8	C
					47	37	15	0	13	84	2	1						
	10N/26W-04R01 S																	
07/23/85	5050			1750	210	116	114	7.0	146	1030	29	.7	.6	1.0	1790	1000	1.6	E
1105	0000		7.8	2010	10.48	9.54	4.96	.18	2.92	21.44	.82	.01		--	1595	856	3.9	C
					42	38	20	1	12	85	3	0						
	10N/27W-03L02 S																	
07/23/85	5050			1250	165	48	114	3.5	165	589	38	24.0	.2	.7	1180	609	2.0	F
1700	0000		7.5	1470	8.23	3.95	4.96	.09	3.30	12.26	1.07	.39		--	1081	444	4.8	
					48	23	29	1	19	72	6	2						
	10N/27W-11C01 S																	
07/23/85	5050		7.3	5000	577	341	305	14	414	3240	67	4.9	1.2	1.1	5780	2840	4.1	F
1015	0000		7.4	5510	28.79	28.04	21.97	.36	8.27	67.46	1.89	.08		--	4998	2430	13.3	C
					36	35	28	0	11	87	2	0						S
	10N/33W-36A01 S																	
07/24/85	5050	67 F	7.8	1100	143	83	144	3.7	272	615	89	1.8	.5	.9	1400	748	2.3	FY
1400	0000	19 C	7.8	1790	8.13	6.83	6.26	.09	5.43	12.87	2.51	.03		--	1266	477	6.1	
					38	32	29	0	26	62	12	0						S
	T-13		SAN ANTONIO HU															
	08N/33W-20D02 S																	
07/24/85	5050	73 F		750	86	30	66	4.4	221	177	56	.1	.2	.3	599	338	1.6	
1630	0000	23 C	7.8	886	4.29	2.47	2.87	.11	4.42	3.69	1.58	.00		--	552	117	3.6	
					44	25	29	1	46	38	16	0						
	08N/33W-20R01 S																	
07/24/85	5050			1500	--	--	--	--	--	286	167	2.0	--	--	1100	640		
1645	0000			1610						5.95	4.71	.03		--				
	08N/34W-24E02 S																	
07/24/85	5050	67 F		1150	116	43	126	3.0	294	202	154	10.4	.6	.6	879	466	2.5	
1600	0000	19 C	7.9	1380	5.79	3.54	5.48	.08	5.87	4.21	4.34	.17		--	831	173	6.4	
					39	24	37	1	40	29	30	1						

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP		FIELD PH	LABORATORY EC	CA	MG	NA	K	CACO3	SO4	CL	NO3	B TURB	F SIO2	TDS SUM	TH NCH	SAR ASAR	REM
						MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER / MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					
	T				CENTRAL COAST HB														
	T-14				SANTA YNEZ HU														
	T-14.A				LOMPOC HA														
	06N/34W-06C03 S																		
07/26/85	5050				1750	157	125	123	4.8	472	404	183	22.0	.2	.7	1410	906	1.8	E
1235	0000			7.8	1990	7.83	10.28	5.35	.12	9.43	8.41	5.16	.35		--	1302	434	3.3	
						33	44	23	1	40	36	22	1						
	07N/34W-29E04 S																		
07/26/85	5050	66	F		1650	150	75	180	9.0	366	402	196	3.2	.3	.5	1330	682	3.0	
1020	0000	19	C	7.7	1910	7.49	6.17	7.83	.23	7.31	8.37	5.53	.05		--	1235	318	8.2	
						34	28	36	1	34	39	26	0						S
	07N/35W-17M01 S																		
07/26/85	5050	65	F		3050	--	--	538	--	--	30	927	.6	--	--	1770	293		
1130	0000	18	C		3290			23.40			.62	26.14	.01		--				
								80											
	07N/35W-23E02 S																		
07/26/85	5050	66	F		2300	200	82	245	11	422	467	353	2.6	.5	.5	1760	836	3.7	
1050	0003	19	C	7.7	2520	9.98	6.74	10.66	.28	8.43	9.72	9.95	.04		--	1614	415	10.6	
						36	24	39	1	30	35	35	0						
	T-14.B				SANTA RITA HA														
	06N/32W-18M01 S																		
07/26/85	5050				2900	337	176	205	5.6	480	1040	314	21.0	.6	1.2	2550	1560	2.3	E
1540	0000			7.7	2880	16.82	14.47	8.92	.14	9.59	21.65	8.85	.34		--	2387	1086	7.1	C
						42	18	22	0	24	54	22	1						
	06N/34W-01E01 S																		
07/26/85	5050	64	F		3650	161	97	122	9.0	370	479	142	2.7	.6	.6	1330	800	1.9	E
1500	0000	18	C	7.8	1960	8.03	7.98	5.31	.23	7.39	9.97	4.00	.04		--	1299	431	5.3	
						37	37	25	1	35	47	19	0						
	T-15				SOUTH COAST HU														
	T-15.A				ARGUELLO HA														
	04N/30W-01G01 S																		
07/26/85	5050	80	F	7.2	1600	227	54	129	4.9	233	680	96	.1	.2	.7	1420	788	2.0	E
1200	0003	27	C	7.8	1840	11.33	4.44	5.61	.13	4.66	14.16	2.71	.00		--	1331	556	5.2	
						53	21	26	1	22	66	13	0						
	04N/30W-31K34 S																		
07/26/85	5050			7.4	1300	174	54	102	1.5	385	357	89	4.7	.3	1.1	1060	656	1.7	
1240	0000			7.6	1550	8.68	4.44	4.44	.04	7.69	7.43	2.51	.08		--	1013	272	4.8	
						49	25	25	0	43	42	14	0						
	05N/29W-31C01 S																		
07/26/85	5050	68	F		650	4.0	.0	200	2.4	355	38	28	3.3	1.3	1.5	519	10	27.5	
1110	0000	20	C	8.7	781	.20	.00	8.70	.06	7.09	.79	.79	.05		--	490	0	27.4	
						2	0	97	3	81	9	9	1						
	05N/32W-21A01 S																		
07/26/85	5053				1600	229	47	117	2.2	300	469	163	3.0	1.3	.9	1260	764	1.8	
1615	0000			7.7	1810	11.43	3.87	5.09	.06	5.99	9.76	4.60	.05		--	1211	466	5.0	
						56	19	25	0	29	48	23	0						
	T-15.C				SOUTH COAST HYDRO SUBUNIT														
	T-15.C1				GOLETA HYDRO SUBAREA														
	04N/28W-16H02 S																		
07/26/85	5053	68	F		1000	131	31	57	2.9	341	174	37	.2	.1	.5	641	454	1.2	
1000	0000	23	C	7.9	1030	6.54	2.55	2.48	.07	6.81	3.62	3.04	.00		--	638	114	9.0	
						56	22	21	1	59	32	9	0						
	05N/28W-34A01 S																		
07/26/85	5053	73	F	9.2	550	2.0	1.0	163	.7	308	14	16	.0	.2	3.6	377	9	23.6	
0900	0000	23	C	8.4	649	.10	.08	7.09	.02	6.15	.29	.45	.00		--	382	0	21.4	
						1	1	97	0	89	4	7	0						S

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD PH	FIELD EC	LABORATORY PH	LABORATORY EC	CA	MG	NA	K	CACO3	SO4	CL	NO3	B TURB	F SIO2	TDS SUM	TH NCM	SAR ASAR	PER
			MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER / MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE												MILLIGRAMS PER LITER					
	U	LOS ANGELES HB																		
	U-02	VENTURA RIVER HU																		
	U-02.8	UPPER VENTURA RIVER HA																		
	03N/23W-05K01 S																			
08/20/85	5121	46.0F					127	32	45	2.5	232	244	38	5.6	.4	.6	689	448	0.9	E
1300	0000	18.9C	8.1		980		6.34	2.63	1.96	.06	4.64	5.08	1.07	.09		--	634	217	2.3	
							58	24	18	1	43	47	10	1						
	04N/23W-33M03 S																			
08/20/85	5121						156	44	86	3.4	306	308	87	.0	.4	.7	909	570	1.6	
1315	0000		8.0		1300		7.78	3.62	3.74	.09	6.07	6.41	2.45	.00		--	867	267	4.1	
							51	24	25	1	41	43	16	0						
	U-02.C	OJAI HA																		
	U-02.C1	UPPER OJAI HSA																		
	04N/22W-11R02 S																			
08/20/85	5121						40	11	46	1.1	212	3.0	19	1.2	.0	.1	298	145	1.7	
1410	0000		8.0		457		2.00	.90	2.00	.03	4.24	.06	.54	.02		--	248	0	3.3	
							41	18	41	1	87	1	11	0						
	U-02.C2	OJAI VALLEY HSA																		
	04N/22W-04R04 S																			
08/20/85	5121						129	30	32	1.2	207	240	15	38.0	.0	.5	653	446	0.7	E
1450	0000		8.0		902		6.44	2.47	1.39	.03	4.14	5.00	.42	.61		--	609	239	1.6	
							62	24	13	0	41	49	4	6						
	04N/22W-05L08 S																			
08/20/85	5121						107	30	30	1.3	215	176	20	26.0	.0	.4	549	390	0.7	
1500	0000		7.9		815		5.34	2.47	1.31	.03	4.30	3.66	.56	.42		--	519	176	1.6	
							58	27	14	0	48	41	6	5						
	04N/22W-06K03 S																			
08/20/85	5121	67.0F					122	29	68	1.4	199	198	108	14.2	.2	.5	718	424	1.4	
1505	0000	19.4C	8.0		1070		6.09	2.38	2.96	.04	3.98	4.12	3.05	.23		--	460	225	3.4	
							53	21	26	0	35	36	27	2						
	04N/22W-06K10 S																			
08/20/85	5121	67.0F					113	29	46	1.3	204	188	61	17.4	.1	.4	627	401	1.0	
1515	0000	19.4C	7.6		927		5.64	2.38	2.00	.03	4.08	3.91	1.72	.28		--	578	197	2.3	
							56	24	20	0	41	39	17	3						
	04N/22W-07C05 S																			
08/20/85	5121	71.0F					126	31	82	1.8	195	207	137	10.2	.0	.5	734	442	1.7	
1335	0000	21.6C	7.8		1200		6.29	2.55	3.57	.05	3.90	4.31	3.86	.16		--	712	247	4.0	
							50	20	29	0	32	35	32	1						
	04N/22W-08J01 S																			
01/13/85	5121						144	40	70	5.0	345	273	24	.0	.3	.4	823	525	1.3	
0000	0000		7.4		1290		7.19	3.29	3.05	.13	6.89	5.68	.73	.00		--	765	180	3.5	
							53	24	22	1	42	43	5	0						S
	U-03	SANTA CLARA-CALLEGUAS HU																		
	U-03.A	OXNARD PLAIN HA																		
	U-03.A1	OXNARD HSA																		
	01N/21W-03R01 S																			
08/09/85	5121	76.0F					112	47	166	7.0	240	368	148	.0	.6	.4	1073	475	3.3	
1600	0000	24.4C	7.9		1565		5.59	3.87	7.22	.18	4.80	7.66	4.17	.00		--	993	233	8.1	
							33	23	43	1	29	46	25	0						
	01N/21W-07N01 S																			
08/14/85	5121	65.0F					244	87	166	8.0	235	798	191	.0	.9	.6	1639	970	2.3	E
0930	0000	18.3C	8.1		2301		12.18	7.15	7.22	.20	4.70	16.61	5.39	.00		--	1636	732	6.2	
							46	27	27	1	18	62	20	0						
	01N/21W-31A01 S																			
07/29/85	5121						119	35	81	4.0	225	332	38	.0	.6	.5	815	445	1.7	
1530	0000		7.7		1190		5.94	2.88	3.52	.10	4.50	6.91	1.07	.03		--	745	216	4.0	
							48	23	28	1	36	55	9	0						
	01N/21W-31J01 S																			
07/30/85	5121	76.0F					87	37	99	6.0	220	245	84	.0	.4	.4	743	370	2.2	
0910	0000	24.4C	7.6		1181		4.34	3.04	4.31	.15	4.40	5.10	2.37	.00		--	490	149	5.2	
							37	26	36	1	37	43	20	0						
	01N/21W-32G04 S																			
08/06/85	5121	68.5F					119	40	92	5.0	230	332	65	.0	.6	.5	860	465	1.9	
1115	0000	20.3C	7.6		1270		5.94	3.29	4.00	.13	4.60	6.91	1.83	.00		--	792	232	4.5	
							44	25	30	1	34	52	14	0						
	01N/22W-05A03 S																			
07/16/85	5121						74	30	58	6.0	135	210	43	10.0	.4	.4	530	309	1.4	
0830	0000		7.9		830		3.69	2.47	2.52	.15	2.70	4.37	1.21	.16		--	512	173	3.0	
							42	28	29	2	32	52	14	2						S
	01N/22W-05D01 S																			
08/08/85	5121	63.0F					204	63	113	6.0	265	590	64	47.0	.9	.7	1258	770	1.8	E
1120	0000	17.2C	7.3		1710		10.18	5.18	4.92	.15	5.29	12.28	1.80	.76		--	1247	504	4.7	
							50	25	24	1	26	61	9	4						
	01N/22W-12M01 S																			
08/06/85	5121	73.5F					206	64	122	6.0	220	700	62	.0	.9	.8	1363	780	1.9	E
1055	0000	23.0C	7.3		1820		10.28	5.26	5.31	.10	4.40	14.57	1.75	.00		--	1291	557	4.9	
							49	25	25	0	21	70	8	0						
	01N/22W-13N02 S																			
07/24/85	5121						134	48	89	5.0	205	410	62	.0	.7	.7	970	530	1.7	E
1050	0000		7.7		1376		6.69	3.95	3.87	.13	4.10	8.54	1.75	.00		--	872	327	4.1	
							46	27	26	1	28	59	12	0						

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD PH	LABORATORY EC	CA	MG	NA	K	CACO3	SO4	CL	NO3	B	F	TDS SUM	TH NCN	SAR ASAR	REM
					MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER				MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER					
									PERCENT REACTANCE VALUE									
	U	LOS ANGELES HB																
	U-03	SANTA CLARA-CALLEGUAS HU																
	U-03.A	OXNARD PLAIN HA																
	U-03.A1	OXNARD HSA																
	01N/22W-13001 S																	
07/01/85	5121	67.5F			142	47	93	5.0	200	370	112	.0	.8	.7	875	550	1.7	
1330	0000	19.7C	7.9	1400	7.09	3.87	4.05	.13	4.00	7.70	3.16	.00		--	890	348	4.2	
					47	26	27	1	27	52	21	0						
	01N/22W-24R03 S																	
07/16/85	5121				162	53	102	8.0	195	375	174	5.0	.3	.7	1043	620	1.8	
0900	0000		7.7	1610	8.08	4.36	4.44	.20	3.90	7.81	4.91	.08		--	996	427	4.4	
					47	26	26	1	23	47	29	0						S
	01N/22W-24C01 S																	
07/16/85	5121				156	51	101	4.0	200	410	147	.0	.9	.7	1085	600	1.8	E
1050	0000		7.8	1518	7.78	4.19	4.39	.20	4.00	8.54	4.15	.00		--	994	399	4.4	
					47	25	27	1	24	51	25	0						
	01N/22W-36R01 S																	
08/21/85	5121	71.0F			94	32	87	5.0	220	249	46	.0	.6	.9	700	365	2.0	
1045	0000	21.6C	7.7	1031	4.69	2.63	3.78	.13	4.40	5.18	1.30	.00		--	646	146	4.6	
					42	21	34	1	40	48	12	0						S
	02N/21W-07K01 S																	
09/24/85	5121	65.0F			174	63	108	4.0	245	566	64	35.0	.9	.7	1178	695	1.8	
1300	0000	18.3C	7.6	1710	8.68	5.18	4.70	.20	4.90	11.78	1.80	.56		--	1166	448	4.6	
					46	28	25	1	26	62	9	3						
	02N/21W-18H03 S																	
08/08/85	5121				182	68	112	5.0	235	576	70	41.0	.7	.7	1303	735	1.8	E
1046	0000		7.6	1650	9.08	5.59	4.87	.13	4.70	11.99	1.97	.66		--	1196	499	4.7	
					46	28	25	1	24	62	10	3						
	02N/21W-19A01 S																	
09/24/85	5121	63.0F			198	66	130	8.0	230	706	66	26.0	1.0	.7	1320	765	2.0	
1230	0000	17.2C	7.6	1920	9.88	5.43	5.66	.20	4.60	14.70	1.86	.42		--	1339	936	5.3	
					47	26	27	1	21	68	9	2						
	02N/21W-29C01 S																	
08/29/85	5121	67.0F			266	109	156	7.0	265	788	225	76.0	.7	.4	1869	1115	2.0	E
1420	0000	19.4C	7.5	2190	13.27	8.96	6.79	.18	5.29	16.41	6.35	1.23		--	1787	848	5.7	C
					49	31	23	1	18	56	22	4						
	02N/21W-29H03 S																	
08/29/85	5121				159	64	126	7.0	250	528	87	.0	.8	.4	1199	660	2.1	E
1445	0000		7.7	1610	7.89	5.26	5.48	.18	5.00	10.99	2.45	.00		--	1121	407	5.9	
					42	28	29	1	27	60	13	0						
	02N/22W-10N02 S																	
09/09/85	5121	67.0F			138	45	136	7.0	210	528	58	10.0	.7	.6	1105	530	2.6	
0620	0000	19.4C	7.8	1670	6.89	3.70	5.92	.18	4.20	10.99	1.64	.16		--	1049	320	6.2	
					41	22	35	1	25	45	10	1						
	02N/22W-11R01 S																	
08/15/85	5121	66.0F			164	40	165	6.0	246	556	65	12.6	.4	.7	1240	574	3.0	E
1330	0000	18.9C	8.2	1570	8.18	3.29	7.18	.15	4.92	11.58	1.83	.20		--	1157	328	7.6	
					44	18	38	1	27	62	10	1						
	02N/22W-16H01 S																	
09/19/85	5121	64.0F			150	50	118	7.0	220	513	60	10.0	.7	.6	1049	580	2.1	
0750	0000	17.8C	7.7	1570	7.49	4.11	5.13	.18	4.40	10.68	1.69	.16		--	1041	360	5.3	
					44	24	30	1	26	63	10	1						
	02N/22W-22J02 S																	
10/24/84	5121	63.0F			142	45	94	4.6	196	456	46	10.6	.7	1.1	1000	540	1.8	E
0815	5050	17.2C	8.1	1340	7.09	3.70	4.09	.12	3.92	9.49	1.30	.17		--	916	344	4.3	
					47	25	27	1	26	64	9	1						
08/20/85	5121	64.0F			143	46	93	4.4	199	447	49	13.0	.6	.9	1020	546	1.7	E
1330	0000	17.8C	8.3	1300	7.14	3.78	4.05	.11	3.98	9.31	1.38	.21		--	919	347	4.2	
					47	25	27	1	27	63	9	1						
	02N/22W-22Q03 S																	
04/10/85	8090				224	78	137	8.0	325	594	105	105	1.0	.6	1553	880	2.0	E
0940	5867		7.9	1940	11.18	6.41	5.96	.20	6.49	12.37	2.96	1.69		--	1447	535	5.6	C
					47	27	25	1	28	53	13	7						
	02N/22W-25F01 S																	
08/29/85	5121				239	95	162	8.0	250	875	66	90.0	1.4	.5	1705	985	2.2	E
1330	0000		7.5	2160	11.88	7.81	7.05	.20	5.00	18.22	1.86	1.45		--	1685	735	6.1	C
					44	29	26	1	19	69	7	5						
	02N/22W-25L03 S																	
04/10/85	8090				264	92	173	9.0	265	938	80	80.0	1.1	.7	1835	1040	2.3	E
1030	5867		7.9	2240	13.17	7.57	7.53	.23	5.29	19.53	2.24	1.29		--	1796	773	6.4	C
					46	27	26	1	19	69	8	5						
	02N/22W-25M01 S																	
04/10/85	8090				197	67	164	8.0	245	736	65	38.0	1.1	.8	1445	770	2.6	F
1100	5867		8.0	1810	9.83	5.51	7.13	.20	4.90	15.32	1.83	.61		--	1423	522	6.7	C
					43	24	31	1	22	68	8	3						
	02N/22W-25N03 S																	
04/10/85	8090				209	68	126	7.0	245	699	70	21.0	1.0	.5	1339	805	1.9	E
1046	5867		7.9	1810	10.43	5.59	5.48	.18	4.90	14.53	1.97	.34		--	1347	956	5.1	
					48	26	25	1	23	67	9	2						
	02N/22W-25Q01 S																	
04/10/85	8090				142	30	30	2.0	205	302	9.0	.0	.3	.6	675	480	0.8	F
1015	5867		8.3	940	7.09	2.47	1.31	.05	4.10	6.29	.25	.00		--	638	273	1.4	
					65	23	12	0	39	59	2	0						C

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	FIELD LABORATORY EC	CA	MG	NA	K	CACO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	SAR ASAR	REM
					MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER				MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER					
									PERCENT REACTANCE VALUE									
	U	LOS ANGELES HA																
	U-03	SANTA CLARA-CALLEGUAS HU																
	U-03.A	OXNARD PLAIN HA																
	U-03.A1	OXNARD HSA																
	02N/22W-26H02 S																	
08/08/85	5121	64.5F			156	51	102	4.0	215	498	54	10.0	.7	.8	1070	605	1.8	E
1100	0000	18.0C	7.3	1470	7.88	4.19	4.44	.10	4.30	10.37	1.52	.16		--	1007	389	4.5	
					47	25	27	1	26	63	9	1						
	02N/22W-33M03 S																	
08/27/85	5121	64.0F			156	58	102	5.0	235	500	56	23.0	.7	.7	1115	630	1.8	E
1000	0000	17.8C	7.4	1500	7.78	4.77	4.44	.13	4.70	10.41	1.59	.37		--	1042	393	4.5	
					45	28	26	1	28	61	9	2						
	02N/22W-33M35 S																	
08/14/85	5121	63.5F			170	64	113	7.0	250	582	60	22.0	.7	.7	1190	690	1.9	E
1040	0000	17.5C	7.6	1682	8.48	5.26	4.92	.18	5.00	12.12	1.69	.35		--	1169	437	4.9	
					45	28	26	1	26	63	9	2						
	02N/23W-13K04 S																	
08/20/85	5121	69.0F			152	51	165	5.4	290	515	82	1.5	.6	.8	1310	589	3.0	E
1225	0000	20.5C	8.1	1640	7.58	4.19	7.18	.16	5.79	10.72	2.31	.02		--	1147	299	7.7	
					40	22	38	1	31	57	12	0						
	U-03.A2	PLEASANT VALLEY HSA																
	01N/21W-01H02 S																	
08/28/85	5121				96	52	164	8.0	240	335	160	1.0	.7	.3	1035	455	3.3	
1250	0000		7.5	1570	4.79	4.28	7.13	.20	4.80	6.97	4.51	.02		--	961	214	8.1	
					29	26	43	1	29	43	28	0						
	01N/21W-03D01 S																	
08/21/85	5121	74.0F			122	54	196	8.0	265	438	160	2.0	.9	.6	1235	525	3.7	E
1245	0000	23.3C	7.8	1755	6.09	4.44	8.53	.20	5.29	9.12	4.51	.03		--	1140	262	9.3	
					32	23	44	1	28	48	24	0						
	01N/21W-03K01 S																	
08/09/85	5121	72.0F			104	35	182	6.0	260	303	148	13.0	.6	.4	988	405	3.9	
1430	0000	22.2C	7.9	1565	5.19	2.88	7.92	.15	5.19	6.31	4.17	.21		--	947	144	9.5	
					32	18	49	1	33	40	26	1						
	01N/21W-04D04 S																	
08/09/85	5121	80.0F			78	31	184	12	290	282	114	.0	.7	.4	918	320	4.5	
1540	0000	26.6C	7.8	1476	3.79	2.55	8.00	.31	5.79	5.87	3.21	.00		--	874	28	10.6	
					26	17	55	2	39	39	22	0						
	01N/21W-12D01 S																	
08/21/85	5121	70.5F			276	148	282	5.0	330	1033	370	.0	.9	.4	2515	1300	3.4	E
1400	0000	21.4C	7.9	3161	13.77	12.17	12.27	.15	6.59	21.51	10.43	.00		--	2314	966	9.9	C
					36	32	32	0	17	56	27	0						
	01N/21W-15R01 S																	
09/23/85	5121	70.0F			108	30	96	5.0	200	277	77	.0	.5	.4	688	395	2.1	
1015	0000	21.1C	7.7	1160	5.39	2.47	4.18	.13	4.00	5.77	2.17	.00		--	713	193	4.9	
					44	20	34	1	34	48	18	0						
	U-03.B	SANTA PAULA HA																
	U-03.B1	SULPHUR SPRINGS HSA																
	03N/21W-21B03 S																	
08/15/85	5121	65.0F			177	56	150	6.0	278	576	83	.6	.7	.9	1340	672	2.5	E
1430	0000	18.3C	7.7	1710	8.83	4.61	6.53	.15	5.55	11.99	2.34	.01		--	1216	395	6.6	
					44	23	32	1	28	60	12	0						
	03N/21W-29F01 S																	
08/13/85	5121	77.0F			124	35	165	5.4	243	438	74	9.9	.7	.7	1050	454	3.4	E
1430	0000	25.0C	7.8	1470	6.19	2.88	7.18	.14	4.86	9.12	2.09	.16		--	998	211	8.2	
					38	18	44	1	30	56	13	1						
	03N/21W-30H07 S																	
08/13/85	5121	72.0F			178	50	141	5.7	265	564	73	.3	.6	.6	1300	650	2.4	E
1400	0000	22.2C	8.0	1650	8.88	4.11	6.13	.17	5.29	11.74	2.06	.00		--	1172	385	6.3	
					46	21	32	1	28	61	11	0						
	03N/22W-11H04 S																	
08/07/85	5121				236	137	460	12	522	1100	339	6.0	.8	1.6	2840	1150	5.9	E
1330	0000		7.7	3560	11.78	11.27	20.01	.32	10.43	22.90	9.56	.10		--	2604	632	17.9	C
					27	26	46	1	24	53	22	0						
	03N/22W-36R01 S																	
08/27/85	5121	69.0F			278	78	144	5.6	300	843	94	19.0	.7	.8	1800	1010	2.0	E
1330	0000	20.5C	7.7	2140	13.87	6.41	6.26	.14	5.99	17.55	2.65	.31		--	1642	715	5.5	C
					52	24	23	1	23	66	10	1						
	04N/22W-25P04 S																	
08/07/85	5121				224	103	315	10	612	761	199	2.6	1.3	1.1	2090	982	4.4	E
1415	0000		7.9	2710	11.18	8.47	13.70	.26	12.23	15.84	5.50	.04		--	1979	371	13.4	C
					33	25	41	1	36	47	16	0						
	U-03.B2	SISAR HSA																
	04N/22W-12F34 S																	
08/20/85	5121	66.0F			92	26	26	1.4	188	165	12	17.0	.0	.4	497	336	0.6	
1425	0000	18.9C	8.0	719	4.59	2.14	1.13	.04	3.74	3.44	.34	.27		--	452	149	1.4	
					58	27	14	1	48	44	4	3						
	U-03.C	SESPE HA																
	U-03.C1	FILLMORE HSA																
	03N/21W-12H02 S																	
04/09/85	5121				131	48	82	4.8	183	428	42	10.7	.8	1.0	1010	524	1.6	E
1100	0000		8.0	1280	6.54	3.95	3.57	.12	3.66	8.91	1.19	.17		--	857	342	3.7	
					46	28	25	1	26	64	8	1						

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB		TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER CA	MG	NA	K	MILLIGRAMS PER LITER PERCENT REACTANCE VALUE CACO3	SO4	CL	NO3	MILLIGRAMS PER LITER B TURB	F SIO2	TDS SUM	TH NCM	SAR ASAR	REM
		U		LOS ANGELES HA															
		U-03		SANTA CLARA-CALLEGUAS NU															
		U-03.C		SESPE HA															
		U-03.C1		FILLMORE HSA															
		04N/19W-33F01 S																	
08/09/85	5121					167	62	87	5.9	216	551	46	5.8	.7	1.0	1160	672	3.5	E
1315	0000			8.0	3450	8.33	5.10	3.78	.15	4.32	11.47	1.30	.09		--	1059	456	3.7	
						48	29	22	1	25	67	8	1						
		04N/20W-31L01 S																	
08/21/85	5121					146	42	84	2.7	334	291	41	25.0	.2	.7	875	536	1.6	E
1500	0000			8.1	1240	7.29	3.45	3.65	.07	6.67	6.06	1.16	.40		--	832	204	4.2	
						50	24	25	0	47	42	8	3						
		U-03.D		PIRU HA															
		U-03.D1		SANTA FELICIA HSA															
		04N/19W-34K03 S																	
09/09/85	5121		60.0F			143	56	84	6.1	187	497	37	9.6	.7	1.0	1030	587	1.5	E
1600	0000		15.5C	7.9	1340	7.14	4.61	3.65	.16	3.74	10.35	1.04	.35		--	946	401	3.7	
						46	30	23	1	24	68	7	3						
		U-03.E		UPPER SANTA CLARA RIVER HA															
		U-03.E1		EASTERN HSA															
		04N/17W-14D04 S																	
03/20/85	1101		65.0F			120	46	100	4.1	0	1.0	.0	.8	.42	.0	910	492	0.0	
0920	3303		18.3C	7.7	1330	5.99	3.78	4.35	.30	.00	.02	.00	.01		--	272	489	0.0	TC
						42	27	31	1	0	67	0	33						S
		U-03.F		CALLEGUAS-CONEJO HA															
		U-03.F1		WEST LAS POSAS HSA															
		03N/21W-36D02 S																	
09/19/85	5121		73.0F			92	41	93	8.0	275	225	58	16.0	.4	.5	725	400	2.0	
0000	0000		22.8C	7.9	1220	4.59	3.37	4.05	.20	5.49	4.68	1.64	.26		--	698	124	5.0	
						38	28	33	2	45	39	14	2						
		U-03.F2		EAST LAS POSAS HSA															
		02N/20W-03K02 S																	
09/13/85	5121		78.0F			70	12	36	3.0	160	120	17	.0	.2	.3	318	225	1.0	
0000	0000		25.5C	7.7	645	3.49	.99	1.57	.08	3.20	2.50	.48	.00		--	354	64	2.1	
						57	16	26	1	52	40	8	0						
		02N/20W-06D01 S																	
09/19/85	5121		71.0F			92	41	95	8.0	280	220	59	16.0	.4	.4	698	400	2.1	
0000	0000		22.8C	7.8	1170	4.59	3.37	4.13	.20	5.59	4.58	1.66	.26		--	699	119	5.1	
						37	27	34	2	46	38	14	2						
		03N/19W-15L01SS																	
01/18/85	5121					70	8.0	16	2.0	155	65	14	32.0	.1	.4	303	210	0.9	
1224	0000			7.7	510	1.49	.66	.70	.05	3.10	1.35	.39	.19		--	280	53	1.0	
						73	13	14	1	62	27	8	4						
		03N/19W-29M03 S																	
07/16/85	5121		69.0F			44	11	34	2.0	95	13	35	79.0	.2	.4	303	135	3.2	
0000	0000		20.5C	7.6	487	2.20	.90	1.48	.05	1.90	.27	.99	1.27		--	275	60	2.0	
						48	19	32	1	43	6	22	29						S
		U-03.F4		CONEJO VALLEY HSA															
		01N/20W-01J01 S																	
07/18/85	5121		67.5F			52	57	55	1.0	275	122	57	4.0	.2	.3	983	365	1.3	
0000	0000		19.7C	7.8	899	2.59	4.69	2.19	.03	5.49	2.54	1.81	.06		--	513	98	3.1	
						27	48	25	0	57	26	17	1						
		U-03.F7		SIMI VALLEY HSA															
		02N/18W-08G01 S																	
07/05/55	5121					336	100	156	10	290	3100	230	50.0	1.5	.6	2267	1250	1.9	E
1030	0000			7.7	2824	16.77	8.22	6.79	.26	5.79	22.90	5.92	.81		--	2137	961	5.5	
						52	26	21	1	16	65	17	2						S

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	FIELD LABORATORY EC	CA	MG	NA	K	CACO3	SO4	CL	NO3	B TURB	F SIO2	TDS SUM	TH NCH	SAR ASAR	REM
					MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER / MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					
	U		LOS ANGELES HA															
	U-04		MALIBU HU															
	U-04.A		MALIBU CREEK HA															
	U-04.B6		SHERWOOD HSA															
	01N/19W-19E04 S																	
07/18/85	3121	72.5F			90	58	40	4.0	390	87	49	1.0	.2	.2	993	465	0.8	
0000	0003	22.5C	7.6	975	4.49	4.77	1.74	.10	7.79	1.81	1.38	.02		--	563	74	2.2	
					40	43	16	1	71	16	13	0						
	01N/19W-34M32 S																	
09/10/85	3121				66	60	171	2.0	305	385	54	.0	.4	.6	1000	410	3.7	
0000	0000		7.7	1350	3.29	4.93	7.44	.05	6.09	8.02	1.52	.00		--	921	107	9.1	
					21	31	47	0	39	51	10	0						
	U-04.D		CAMARILLO HA															
	U-04.07		BIG SYCAMORE CANYON HSA															
	01N/20W-25N03 S																	
07/18/85	3121				2.0	1.0	142	2.0	230	35	32	.0	.2	.1	398	10	19.5	
0000	0000		8.3	626	.10	.08	6.18	.05	4.60	.73	.90	.00		--	352	0	16.3	
					2	1	96	1	74	12	14	0						
	U-05		LA-SAN GABRIEL RIVER HU															
	U-05.A		COASTAL PLAIN HA															
	U-05.A2		WEST COAST HSA															
	03S/13W-15M05 S																	
07/31/85	1101				60	14	42	3.0	149	74	24	.5	120	.5	350	209	1.3	
1100	5050		7.7	569	2.99	1.15	1.83	.08	2.98	1.54	.68	.01		--	427	58	2.5	T
					49	19	30	1	57	30	13	0						S
	03S/13W-30A10 S																	
06/27/85	1101	74.0F			29	8.9	41	3.0	147	1.0	21	.1	120	.2	240	112	1.7	
1130	5050	23.3C	8.1	393	1.48	.73	1.79	.08	2.94	.02	.59	.00		--	313	0	2.9	T
					36	18	44	2	83	1	17	0						S
	03S/13W-31M01 S																	
08/06/85	5050	78.0F			44	15	45	4.8	183	52	24	.3	.1	.4	284	172	1.5	
1300	0000	25.5C	8.0	540	2.20	1.23	1.96	.12	3.66	1.09	.68	.00		--	295	0	3.0	
					40	22	36	2	68	20	13	0						
	03S/14W-03K01 S																	
07/17/85	1101				40	14	65	5.5	104	76	64	.1	210	.2	440	159	2.2	
1330	5050		6.8	667	2.00	1.15	2.83	.14	2.08	1.58	1.80	.00		--	537	94	3.8	T
					33	19	46	2	38	29	33	0						S
	03S/14W-03K03 S																	
07/18/85	1101				81	25	62	4.8	157	19	164	.1	110	.6	520	307	1.5	
1500	5050		7.6	935	4.04	2.06	2.70	.12	3.14	.48	4.62	.00		--	560	148	3.3	
					45	23	30	1	38	5	57	0						S
	03S/14W-09M01 S																	
07/12/85	1101				48	19	79	5.4	248	.7	64	.1	220	.5	430	199	2.4	
1101	5050		7.7	717	2.40	1.56	3.44	.21	4.96	.01	1.80	.00		--	588	0	5.2	T
					32	20	45	3	73	0	27	0						S
	03S/14W-09M04 S																	
07/12/85	1101				40	15	68	7.9	212	2.0	38	.1	190	.4	360	163	2.3	
1050	5050		7.7	604	2.00	1.23	2.96	.20	4.24	.04	1.07	.00		--	488	0	4.7	T
					31	19	46	3	79	1	20	0						S
	03S/14W-09M05 S																	
07/12/85	1101				41	16	82	8.9	241	.7	40	.1	250	.4	400	169	2.7	
1045	5050		7.7	668	2.05	1.32	3.57	.23	4.82	.01	1.13	.00		--	583	0	5.7	T
					29	18	50	3	81	0	19	0						S
	03S/14W-13J04 S																	
07/17/85	1101				53	12	41	3.3	152	47	23	.1	130	.3	320	183	1.3	
1336	5050		7.8	524	2.64	.99	1.78	.08	3.04	.98	.65	.00		--	401	30	2.5	T
					48	18	32	1	65	21	14	0						S
	03S/14W-22A01 S																	
07/18/85	1101				59	14	44	3.1	177	36	33	.1	140	--	330	206	1.3	
1530	5050		7.8	565	2.94	1.15	1.91	.08	3.54	.75	.93	.00		--	435	28	2.7	T
					48	19	31	1	68	14	18	0						S
	03S/14W-25K06 S																	
06/27/85	1101	74.0F			61	13	43	3.1	169	39	42	.1	120	.4	340	207	1.3	
1115	5050	23.3C	7.4	599	3.06	1.07	1.90	.08	3.38	.81	1.18	.00		--	424	98	2.7	T
					50	18	31	1	63	15	22	0						S
	03S/14W-25P04 S																	
07/17/85	1101				38	11	46	4.3	153	27	22	.1	150	.3	285	141	1.7	
1400	5050		8.0	476	1.90	.90	2.00	.11	3.06	.56	.62	.00		--	390	0	3.1	T
					39	18	41	2	72	13	15	0						S
	03S/14W-33E01 S																	
06/27/85	1101	75.0F			80	24	78	5.6	151	89	147	.2	130	.4	570	301	2.0	
1330	5050	23.9C	7.9	993	4.01	1.97	3.41	.14	3.22	1.85	4.15	.00		--	651	138	4.2	
					42	21	36	1	35	20	45	0						S
	03S/14W-34R02 S																	
06/27/85	1101	80.0F			56	16	56	3.8	167	.5	96	.1	110	.2	350	207	1.7	
1050	5050	26.6C	7.9	688	2.81	1.32	2.47	.10	3.34	.01	2.71	.00		--	440	40	3.4	T
					42	20	37	1	55	0	45	0						S
	04S/13W-16R02 S																	
06/24/85	1101	79.0F			29	6.0	44	2.7	139	2.0	21	--	110	.2	230	97	1.9	
1410	5050	25.5C	8.0	396	1.45	.49	1.91	.07	2.78	.04	.59			--	298	0	3.2	T
					37	13	49	2										

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER	CA	MG	NA	K	MILLIGRAMS PER LITER PERCENT REACTANCE VALUE CACO3	SO4	CL	NO3	MILLIGRAMS PER LITER B TJRB	F SIO2	TDS SUM	TH NCH	SAR ASAR	REM
	U	LOS ANGELES HA																	
	U-09	LA-SAN GABRIEL RIVER HU																	
	U-09.A	COASTAL PLAIN HA																	
	U-09.42	WEST COAST HSA																	
	045/13W-17D01 S																		
06/24/85	1101	79.0F			30	7.5	52	3.5	147	5.0	26	1.4	120	.2	250	106	2.2		
1210	5050	25.3C	8.1	434	1.50	.62	2.26	.09	2.94	.10	.73	.02		--	334	0	3.7	T	
					34	14	51	2	78	3	19	1						S	
	045/13W-21H07 S																		
06/24/85	1101	78.0F			28	6.4	70	2.9	142	5.0	52	.1	140	.2	300	96	3.1		
1405	5050	25.5C	8.3	810	1.40	.53	3.05	.07	2.84	.10	1.47	.00		--	390	0	5.1	T	
					28	10	60	1	64	2	33	0						S	
	045/13W-21J02 S																		
06/24/85	1101	70.0F			27	6.1	69	3.2	142	4.0	55	.9	120	.2	280	92	3.1		
1400	5050	21.1C	8.1	513	1.35	.50	3.00	.08	2.84	.08	1.55	.00		--	370	0	5.0	T	
					27	10	61	2	64	2	35	0						S	
	045/13W-21R01 S																		
06/24/85	1101	79.0F			38	8.4	74	3.4	134	7.0	90	.1	120	.2	360	130	2.8		
1510	5050	26.1C	7.9	629	1.90	.69	3.22	.09	2.68	.15	2.54	.00		--	421	0	4.9		
					32	12	55	2	50	3	47	0						S	
	045/13W-30A05 S																		
06/27/85	1101	75.0F			31	11	64	4.6	176	.8	41	.1	120	.3	280	124	2.5		
1245	5050	23.9C	7.8	532	1.56	.90	2.79	.12	3.52	.02	1.16	.00		--	378	0	4.6	T	
					29	17	52	2	75	0	25	0						S	
	045/14W-10D03 S																		
06/24/85	1101	72.0F			320	98	200	10	136	85	1040	.1	140	2.1	2150	1210	2.5		
1145	5050	22.2C	7.6	3470	15.97	8.06	8.70	.26	2.72	1.77	29.33	.00		--	1975	1066	6.3		
					48	24	26	1	8	5	87	0						S	
	045/14W-39E06 S																		
06/27/85	1101	72.0F			93	34	121	7.2	292	134	158	.1	260	.7	770	374	2.7		
1435	5050	22.2C	7.4	1280	4.64	2.80	5.26	.18	5.03	2.79	4.46	.00		--	958	121	6.5	T	
					36	22	41	1	41	23	36	0						S	
	035/13W-04M01 S																		
08/12/85	5050	69.0F			499	907	7050	115	312	1540	13300	7.3	2.6	1.6	24200	4970	43.5	E	
0130	0000	20.5C	7.7	30600	24.90	74.59	306.68	2.94	6.23	32.06	379.06	.12		--	23608	4667	126.8	C	
					6	18	75	1	2	8	91	0							
	U-05.A5	CENTRAL HSA																	
	035/12W-22A31																		
08/14/85	5050	69.0F			79	15	25	1.6	206	72	27	.8	.0	.4	414	259	0.7		
0945	0000	18.3C	8.3	593	3.94	1.23	3.09	.04	4.12	1.50	.76	.01		--	344	93	1.5		
					63	20	17	1	64	23	12	0							
	015/12W-05601 S																		
07/30/85	5050				18	6.2	26	1.3	69	7.0	16	2.1	27.0	.7	185	70	1.4	E	
1350	5064		7.5	257	.90	.51	1.13	.03	1.38	.19	.45	.03		--	149	2	1.6	T	
					35	20	44	1	69	7	22	1						S	
	025/11W-19F02 S																		
06/12/85	1101	66.0F			73	18	82	4.7	180	120	69	2.2	230	.4	540	238	2.2		
	5050	18.9C	7.6	462	3.64	1.48	3.57	.12	3.60	2.50	1.95	.04		--	707	76	4.7	T	
					41	17	41	1	44	31	24	0						S	
	025/11W-29E03 S																		
06/12/85	1101	68.0F			130	29	60	4.2	190	202	97	4.8	110	.7	760	446	1.2		
1105	5053	20.0C	7.8	1090	6.49	2.38	2.61	.11	3.80	4.21	2.74	.08		--	751	254	2.9		
					86	21	23	1	34	39	25	1						S	
	025/11W-35R31 S																		
06/12/85	1101	74.0F			71	22	54	3.9	148	131	52	2.9	140	.6	490	269	1.4		
0815	5050	23.3C	7.8	739	3.54	1.81	2.35	.10	2.96	2.73	1.47	.05		--	566	120	2.9		
					43	23	30	1	41	38	20	1						S	
	025/12W-05A03 S																		
06/13/85	1101				100	30	110	2.7	187	93	210	4.3	140	.9	700	373	2.5		
	5050		7.9	1190	4.99	2.47	4.79	.07	3.74	1.94	5.92	.07		--	802	186	5.6		
					41	20	39	1	32	17	51	1						S	
	025/12W-06K01 S																		
08/12/85	5050	83.0F			59	25	185	3.6	248	40	229	4.2	.4	.9	782	230	3.1		
1333	0000	28.6C	8.5	1300	2.94	2.06	8.05	.09	4.96	1.67	6.46	.07		--	735	2	11.2		
					22	16	61	1	18	13	49	1							
	025/12W-12M02 S																		
06/12/85	1101	68.0F			65	13	54	3.9	166	86	34	1.8	170	.5	390	217	1.6		
	5050	20.0C	7.5	647	3.24	1.07	2.35	.10	3.32	1.79	.96	.03		--	527	50	3.2	T	
					48	16	35	1	54	29	16	0						S	
	025/12W-13L05 S																		
06/12/85	1101	65.0F			69	12	54	3.9	132	86	38	2.5	160	.4	420	223	1.6		
	5050	18.9C	7.5	679	3.44	.99	2.35	.10	3.04	1.79	1.07	.04		--	917	70	3.1	T	
					50	14	34	1	51	30	18	1						S	
	025/12W-14B09 S																		
06/13/85	1101				61	16	46	4.9	109	111	45	3.3	150	.4	350	219	1.4		
	5050		7.4	600	3.04	1.32	2.00	.13	2.18	2.31	1.27	.05		--	503	109	2.5	T	
					47	20	31	2	38	40	22	1						S	
	025/12W-20M03 S																		
06/13/85	1101	74.0F			21	11	210	3.3	240	86	60	.3	150	1.0	660	98	9.2	E	
0805	5053	23.3C	8.9	901	1.05	.90	9.14	.08	4.80	1.79	1.69	.00		--	686	0	16.6		
					9	8	42	1	58	22	20	0						S	

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD PH	LABORATORY EC	CA	MG	NA	K	CACO3	SO4	CL	NO3	TURB	SIO2	TDS	TH NCH	SAR ASAR	REM
					MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER / MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE						MILLIGRAMS PER LITER			
	U		LOS ANGELES HA															
	U-05		LA-SAN GABRIEL RIVER HU															
	U-05.4		COASTAL PLAIN HA															
	U-05.45		CENTRAL HSA															
	025/12W-25G01 S																	
06/12/85	1101	67.0F			73	16	77	4.3	143	121	74	2.7	260	.6	500	249	2.1	
	5050	19.4C	7.5	833	3.64	1.32	3.35	.11	2.86	2.52	2.14	.04		--	716	105	4.2	T
					43	16	40	1	38	33	28	1						S
	025/12W-29J01 S																	
06/19/85	1101	69.0F			67	16	63	2.8	142	117	59	2.7	180	.5	470	234	1.8	
	5050	18.3C	7.8	751	3.34	1.32	2.74	.07	2.84	2.44	1.66	.04		--	593	91	3.5	T
					45	18	37	1	41	35	24	1						S
	025/12W-34G01 S																	
06/12/85	1101	64.0F			73	15	54	3.9	144	102	47	3.1	150	.5	430	245	1.5	
	5050	17.8C	7.6	716	3.64	1.23	2.35	.10	2.88	2.12	1.33	.05		--	534	100	3.0	T
					50	17	32	1	45	33	21	1						S
	025/12W-34P01 S																	
06/12/85	1101	64.0F			82	17	54	4.1	139	124	57	3.5	190	.6	480	276	1.4	
	5050	17.8C	7.7	774	4.09	1.40	2.35	.10	2.78	2.58	1.61	.06		--	575	138	2.9	
					52	18	30	1	40	37	23	1						S
	025/12W-35K01 S																	
08/12/85	5050	73.0F			67	12	50	1.9	153	105	45	10.4	.1	.5	518	216	1.5	E
1420	0000	22.8C	8.2	638	3.34	.99	2.18	.05	3.06	2.19	1.27	.17		--	383	64	2.9	T
					51	15	33	1	46	33	19	3						
	025/13W-01K01 S																	
06/13/85	1101				49	17	51	3.4	169	76	32	.1	140	.5	370	218	1.5	
	5050		7.8	558	2.94	1.40	2.22	.09	3.38	1.58	.90	.00		--	480	48	3.1	T
					44	21	33	1	58	27	15	0						S
	025/13W-05B01 S																	
08/07/85	5050	73.0F			161	46	110	9.0	250	346	151	.7	.3	.5	1070	590	2.0	
1230	0000	22.8C	7.6	1610	8.03	3.78	4.79	.23	5.00	7.20	4.26	.01		--	974	341	5.0	
					48	22	28	1	30	44	26	0						
	025/13W-10P05 S																	
07/31/85	1101				65	16	44	4.0	157	84	30	.8	150	.4	390	229	1.3	
1003	5050		7.7	620	3.24	1.32	1.91	.10	3.14	1.75	.85	.01		--	488	71	2.6	T
					49	20	29	2	55	30	15	0						S
	025/13W-15P10 S																	
07/12/85	1101				67	16	43	3.5	166	89	29	.3	130	.5	390	234	1.2	
1300	5050		7.8	607	3.34	1.32	1.87	.09	3.32	1.85	.82	.00		--	477	67	2.5	T
					50	20	28	1	55	31	14	0						S
	025/13W-21E01 S																	
06/19/85	1101	62.0F			80	20	47	3.7	175	106	46	1.7	150	.5	440	284	1.2	
	5050	16.7C	7.8	731	3.99	1.64	2.04	.09	3.50	2.21	1.30	.03		--	559	107	2.6	T
					51	21	26	1	50	31	18	0						S
	025/13W-23H01 S																	
07/18/85	1101				59	14	43	3.1	146	71	28	.7	140	.4	370	206	1.3	
1300	5050		7.7	589	2.94	1.15	1.87	.08	2.92	1.48	.79	.01		--	446	59	2.5	T
					49	19	31	1	56	28	15	0						S
	025/13W-25D04 S																	
07/18/85	1101				59	14	42	2.9	154	64	26	.1	140	.4	340	206	1.3	
0945	5050		7.9	574	2.94	1.19	1.83	.07	3.08	1.33	.73	.00		--	440	51	2.5	T
					49	19	31	1	60	26	14	0						S
	025/13W-25H03 S																	
08/12/85	5050	74.0F			61	13	49	4.2	172	83	38	1.8	.1	.4	373	206	1.5	
0915	0000	23.3C	8.1	600	3.04	1.07	2.13	.11	3.44	1.73	1.07	.03		--	353	34	3.0	
					48	17	34	2	55	28	17	0						
	025/13W-28G02 S																	
06/19/85	1101	62.0F			72	17	43	3.3	159	92	37	.9	130	.3	400	251	1.2	
	5050	16.7C	7.7	654	3.59	1.40	1.87	.08	3.18	1.92	1.04	.01		--	491	91	2.4	T
					52	20	27	1	52	31	17	0						S
	025/13W-28H01 S																	
06/19/85	1101	62.0F			64	16	42	3.1	156	84	28	.7	150	.5	370	227	1.2	
	5050	15.7C	7.6	602	3.19	1.32	1.83	.08	3.12	1.78	.79	.01		--	481	70	2.5	T
					50	21	29	1	55	31	14	0						S
	025/13W-35A01 S																	
07/18/85	1101				68	16	50	3.1	154	94	40	.5	140	.4	400	237	1.4	
1300	5050		8.1	674	3.39	1.32	2.18	.08	3.08	1.96	1.13	.01		--	504	82	2.9	T
					49	19	31	1	50	37	18	0						S
	025/14W-10Q02 S																	
08/06/85	5050	70.0F			74	16	47	4.8	200	89	42	5.0	.2	.4	415	290	1.3	
0930	0000	21.1C	8.0	728	3.69	1.32	2.04	.12	4.00	1.83	1.18	.08		--	397	51	2.8	
					51	18	28	2	56	26	17	1						
	025/14W-14C02 S																	
08/06/85	5050	76.0F			44	10	45	4.9	142	45	30	.2	.2	.3	279	151	1.6	
0945	0000	24.4C	8.2	516	2.20	.82	1.96	.13	2.84	1.35	.88	.00		--	284	9	2.9	
					43	16	38	3	56	27	17	0						
	025/14W-14F02 S																	
08/06/85	5050	70.0F			63	13	43	4.9	189	77	28	1.4	.2	.4	367	210	1.3	
1003	0000	21.1C	8.1	624	3.14	1.07	1.87	.13	3.78	1.60	.79	.02		--	344	22	2.7	
					51	17	30	2	61	26	13	0						
	025/14W-19K03 S																	
07/12/85	1101				80	33	110	9.7	277	83	125	.1	290	.7	470	338	2.6	
0945	5050		7.5	1110	3.99	2.71	4.79	.25	5.53	1.73	3.53	.00		--	987	59	6.2	T
					34	23	41	2	51	15	33	0						

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD PH	LABORATORY EC	CA	MG	NA	K	CACO3	SO4	CL	NO3	B TURB	F SIO2	TDS SUM	TH NCH	SAR ASAR	REM
					MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER / MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					
	U	LOS ANGELES HA																
	U-05	L4-SAN GABRIEL RIVER HU																
	U-05.A	COASTAL PLAIN H4																
	U-05.A5	CENTRAL HS4																
	03S/11W-01R01 S																	
06/12/85	1101	28.0F			64	39	160	4.5	259	209	102	.0	370	.8	780	323	3.9	
0840	5050	25.5C	7.8	1260	3.19	3.21	6.96	.12	5.17	4.35	3.02	.00		--	1109	62	9.0	T
					24	24	52	1	41	35	24	0						S
	03S/11W-03C01 S																	
06/13/85	1101	72.0F			155	48	120	1.6	273	267	111	25.0	290	1.0	1010	588	2.2	
0845	5050	22.2C	7.6	1530	7.73	3.95	5.22	.04	5.45	5.56	3.13	.40		--	1181	312	5.6	
					46	23	31	0	37	38	22	3						S
	03S/11W-06N01 S																	
08/08/85	5050	23.0F			30	4.0	96	4.5	188	65	31	2.5	.1	.4	392	92	4.4	
1230	0000	22.8C	8.0	570	1.50	.33	4.18	.12	3.76	1.35	.87	.04		--	346	0	7.5	
					24	5	68	2	62	22	14	1						
	03S/11W-18G04 S																	
06/12/85	1101	74.0F			140	32	110	5.3	280	159	140	.1	110	.7	860	484	2.2	
1135	5050	23.3C	7.5		6.99	2.63	4.79	.14	5.59	3.31	3.95	.00		--	1064	202	5.5	T
					48	18	33	1	44	26	31	0						S
	03S/11W-19E02 S																	
08/14/85	5050	67.0F			84	15	28	1.8	208	76	35	6.2	.0	.4	452	271	0.7	E
1015	0000	19.4C	8.2	630	4.19	1.23	1.22	.05	4.16	1.58	.99	.10		--	371	63	1.6	
					63	18	18	1	61	23	14	1						
	03S/11W-27L01 S																	
06/12/85	1101	76.0F			22	6.6	25	2.1	139	56	12	.1	110	.6	310	95	3.3	
0930	5050	24.4C	8.0	509	1.35	.54	3.26	.05	2.78	1.17	.48	.00		--	377	0	5.4	T
					26	10	63	1	63	26	11	0						S
	03S/11W-29R02 S																	
06/12/85	1101	74.0F			49	10	47	3.0	134	63	23	.1	93.0	.4	320	164	1.6	
0908	5050	23.3C	7.9	530	2.45	.82	2.04	.08	2.68	1.31	.65	.00		--	368	30	2.9	
					45	15	38	1	58	28	14	0						S
	03S/11W-29N06 S																	
06/12/85	1101	78.0F			45	5.8	34	2.6	131	24	14	.1	62.0	.3	240	137	1.3	
1030	5050	25.5C	7.9	410	2.25	.48	1.48	.07	2.62	.50	.39	.00		--	266	6	2.2	
					53	11	35	2	75	14	11	0						S
08/08/85	5050	73.0F			47	5.0	34	3.3	160	26	12	.2	.0	.4	289	138	1.3	E
1200	0000	22.8C	8.1	397	2.35	.41	1.48	.08	3.20	.54	.48	.00		--	228	0	2.3	T
					54	9	34	2	76	13	11	0						
	03S/12W-01E03 S																	
06/13/85	1101	72.0F			16	2.9	88	2.3	139	20	35	.1	140	.3	280	52	5.3	
	5050	22.2C	8.2	445	.80	.24	3.83	.06	2.78	.42	.99	.00		--	388	0	7.2	T
					16	5	78	1	66	10	24	0						S
	03S/12W-06B03 S																	
07/18/85	1101				78	16	46	3.0	183	102	45	1.3	140	.4	440	262	1.2	
1045	5050		7.7	707	3.89	1.32	2.00	.08	3.66	2.12	1.27	.02		--	541	78	2.6	T
					53	18	27	1	52	30	18	0						S
	03S/12W-08F01 S																	
06/13/85	1101	66.0F			91	18	32	3.1	147	119	52	2.7	75.0	.5	420	303	0.9	
1300	5050	18.9C	8.2	702	4.54	1.48	1.61	.08	2.94	2.49	1.47	.04		--	487	154	1.9	
					59	19	21	1	42	36	21	1						S
	03S/12W-11E01 S																	
08/13/85	5050	64.0F			93	19	58	2.3	174	143	73	13.0	.1	.5	538	310	1.4	
1400	0000	17.8C	8.3	843	4.64	1.56	2.52	.06	3.48	2.98	2.06	.21		--	506	136	3.1	
					53	18	29	1	40	34	24	2						
	03S/12W-12A02 S																	
06/12/85	1101	66.0F			150	31	85	4.9	245	190	115	5.2	250	.7	860	504	1.6	
	5050	19.9C	7.5	1300	7.49	2.55	3.70	.13	4.90	3.96	3.24	.08		--	978	257	4.1	
					54	18	27	1	40	33	27	1						S
	03S/12W-13F01 S																	
08/14/85	5050	66.0F			116	24	42	2.2	244	166	50	6.3	.0	.4	655	388	0.9	E
1000	0000	18.9C	8.1	912	5.79	1.97	1.83	.06	4.88	3.46	1.41	.10		--	553	144	2.2	
					60	20	19	1	50	35	14	1						
	03S/12W-17A01 S																	
06/13/85	1101	64.0F			97	19	40	3.9	156	132	53	2.0	93.0	.6	510	322	1.0	
	5050	17.8C	7.6	741	4.84	1.56	1.74	.10	3.12	2.75	1.49	.03		--	538	164	2.1	
					59	19	21	1	42	37	20	0						S
	03S/12W-21B01 S																	
08/14/85	5050	67.0F			131	26	32	2.1	290	125	71	.0	.0	.4	621	434	0.8	
0930	0000	19.4C	8.2	965	6.54	2.14	1.61	.05	5.29	2.60	2.00	.00		--	566	145	2.0	
					63	21	16	0	56	25	19	0						
	03S/12W-23E05 S																	
08/08/85	5050	65.0F			73	13	25	3.9	184	71	23	2.1	.0	.6	373	236	0.7	
1400	0000	19.3C	8.0	539	3.64	1.07	1.09	.10	3.68	1.49	.65	.03		--	321	52	1.5	
					62	18	18	2	63	25	11	1						
	03S/12W-24R01 S																	
06/13/85	1101	64.0F			170	35	59	5.1	256	274	73	.2	87.0	.9	810	521	1.1	
0935	5050	17.8C	7.6	1160	8.48	2.88	2.57	.13	5.11	5.70	2.06	.00		--	857	313	2.8	
					60	20	18	1	40	44	16	0						S
	03S/12W-25C01 S																	
08/08/85	5050	65.0F			75	23	26	4.6	164	115	42	5.6	.0	.5	449	282	0.7	
1120	0000	19.3C	8.0	650	3.74	1.89	1.13	.12	3.28	2.39	1.18	.09		--	390	118	1.4	
					54	27	16	2	47	34	17	1						

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER / MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE CA	MG	NA	K	CACO3	SO4	CL	NO3	B TURB	F SIO2	TDS SUM	TH NCN	SAR ASAR	REM
	U	LOS ANGELES HA																
	U-05	LA-SAN GABRIEL RIVER HU																
	U-05.A	COASTAL PLAIN HA																
	U-05.A5	CENTRAL HSA																
	03S/12W-25J01 S																	
06/13/85	1101	70.0F			68	12	23	3.3	150	60	20	.9	49.0	.3	310	220	0.7	
1400	5050	21.1C	8.3	486	3.39	.99	1.00	.08	3.00	1.25	.56	.01		--	326	69	1.4	
					62	18	18	1	62	24	12	0						S
	03S/12W-27C02 S																	
08/08/85	5050	65.0F			68	12	24	3.7	192	51	16	1.2	.0	.5	305	219	0.7	
1030	0000	18.3C	8.1	497	3.39	.99	1.04	.09	3.84	1.06	.45	.02		--	291	77	1.5	
					62	18	19	2	72	20	8	0						
	03S/12W-29M01 S																	
08/08/85	5050	83.0F			50	18	64	4.0	100	156	55	.8	.1	.6	462	199	2.0	
1005	0000	28.3C	8.0	664	2.50	1.48	2.78	.10	2.00	3.25	1.55	.01		--	409	99	3.5	
					36	22	41	1	29	48	23	0						
	03S/12W-30K02 S																	
06/27/85	1101	70.0F			51	8.4	53	2.8	154	47	33	.1	120	.3	320	163	1.8	
0845	5050	21.1C	8.0	557	2.55	.69	2.32	.07	3.08	.98	.93	.00		--	408	8	3.4	T
					45	12	41	1	62	20	19	0						S
	03S/12W-33B04 S																	
06/12/85	1101	65.0F			53	8.3	25	2.8	150	22	10	.0	70.0	.4	260	167	0.8	
	5050	18.3C	8.0	423	2.64	.68	1.09	.07	3.00	.46	.28	.00		--	281	16	1.6	
					59	15	24	2	80	12	7	0						S
	03S/12W-33F02 S																	
06/13/85	1101	72.0F			68	24	76	3.8	103	220	62	.2	110	.6	510	270	2.0	
1050	5050	22.2C	8.2	816	3.39	1.97	3.31	.10	2.06	4.58	1.75	.00		--	626	165	3.8	T
					39	22	38	1	25	55	21	0						S
	03S/12W-33H04 S																	
06/12/85	1101	62.0F			57	7.7	22	2.7	166	19	7.0	.0	68.0	.4	260	175	0.7	
	5050	16.7C	8.2	420	2.84	.63	.96	.07	3.32	.40	.20	.00		--	283	8	1.4	
					63	14	21	2	85	10	5	0						S
	03S/12W-34F01 S																	
06/12/85	1101	62.0F			53	9.3	31	2.9	153	35	12	.4	93.0	.4	280	171	1.0	
	5050	16.7C	7.8	461	2.64	.76	1.35	.07	3.06	.73	.34	.01		--	328	17	2.0	
					55	16	28	1	74	18	8	0						S
	03S/12W-35B04 S																	
06/13/85	1101	64.0F			85	15	27	2.9	190	54	28	.1	58.0	.5	330	275	0.7	
1030	5050	17.8C	8.4	585	4.24	1.23	1.17	.07	3.80	1.12	.79	.00		--	384	84	1.5	
					63	18	17	1	67	20	14	0						S
	03S/13W-10L02 S																	
08/07/85	5050	68.0F			45	24	42	4.3	182	79	28	1.9	.1	.5	332	211	1.3	
1423	0000	20.0C	7.8	593	2.25	1.97	1.83	.11	3.64	1.56	.79	.03		--	329	29	2.6	
					37	32	30	2	60	26	13	0						
	03S/13W-11E01 S																	
08/12/85	5050	74.0F			85	17	44	4.0	198	117	39	6.1	.1	.5	454	282	1.1	
1053	0000	23.3C	8.1	716	4.24	1.40	1.91	.10	3.96	2.44	1.10	.10		--	431	84	2.5	
					55	18	25	1	52	32	14	1						
	03S/13W-12J01 S																	
08/12/85	5050	69.0F			93	20	44	1.7	210	128	48	9.1	.3	.5	541	314	1.1	E
1300	0000	19.3C	8.3	769	4.64	1.64	1.91	.04	4.20	2.66	1.35	.08		--	466	104	2.5	
					56	20	23	0	51	32	16	1						
	03S/13W-22H07 S																	
08/12/85	5050	66.0F			76	14	48	1.6	188	97	49	.1	.1	.4	453	247	1.3	
1230	0000	18.9C	8.2	736	3.79	1.15	2.09	.04	3.76	2.02	1.38	.00		--	399	59	2.8	
					54	16	30	1	53	28	19	0						
	03S/13W-25G02 S																	
08/14/85	5050	67.0F			64	12	34	1.2	193	58	26	.2	.0	.4	352	209	1.0	
0900	0000	19.4C	8.2	539	3.19	.99	1.48	.03	3.86	1.21	.73	.00		--	311	16	2.1	
					56	17	26	1	67	21	13	0						
	03S/13W-35F01 S																	
06/24/85	1101	75.0F			67	6.7	65	1.6	129	94	59	.1	140	.3	420	195	2.0	
1220	5050	23.9C	7.7	695	3.34	.55	2.83	.04	2.58	1.96	1.66	.00		--	511	66	3.8	T
					49	8	42	1	42	32	27	0						S
	03S/13W-35Q03 S																	
06/24/85	1101	78.0F			20	1.8	71	1.6	117	16	32	.1	130	.3	290	57	4.1	
1235	5050	25.5C	8.0	430	1.00	.15	3.09	.04	2.34	.33	.90	.00		--	343	0	5.4	T
					23	4	72	1	66	9	25	0						S
	04S/12W-03H01 S																	
06/12/85	1101	62.0F			55	7.9	24	3.0	156	27	8.0	.3	82.0	.4	270	170	0.8	
	5050	16.7C	8.0	422	2.74	.65	1.04	.08	3.12	.56	.23	.00		--	301	14	1.9	
					61	14	23	2	80	14	6	0						S
	04S/12W-06K02 S																	
06/11/85	1101				11	.9	67	1.1	116	12	21	.0	130	.5	220	31	5.2	
	5050		8.1	348	.55	.07	2.91	.03	2.32	.25	.59	.00		--	313	0	5.6	T
					15	2	82	1	73	9	19	0						S
	04S/12W-08D02 S																	
08/06/85	5050	74.0F			39	4.0	34	2.8	152	17	12	.3	.1	.3	207	114	1.4	
1430	0000	23.3C	8.1	370	1.95	.33	1.48	.07	3.04	.35	.34	.00		--	200	0	2.4	
					51	9	39	2	82	9	9	0						
	04S/12W-10G01 S																	
06/12/85	1101	64.0F			45	4.7	35	2.7	145	22	15	.6	97.0	.4	250	140	1.3	
	5050	17.8C	7.9	424	2.25	.55	1.52	.07	2.90	.45	.42	.01		--	311	0	2.3	T
					51	13	35	2	77	12	11	0						S

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD PH	LABORATORY EC	CA	MG	NA	K	CACO3	SO4	CL	NO3	B	F	TDS SUM	TH NCN	SAR ASAR	REM
					MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER / MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					
	U	LOS ANGELES NA																
	U-05	L4-SAN GABRIEL RIVER HU																
	U-05.A	COASTAL PLAIN NA																
	U-05.A5	CENTRAL HSA																
	04S/12W-10H03 S																	
06/12/85	1101	64.0F			47	6.4	26	2.7	142	18	5.0	.0	50.0	.3	240	144	0.9	
	5050	17.8C	8.0	381	2.35	.53	1.13	.07	2.94	.37	.17	.00		--	241	2	1.7	
					58	13	28	2	84	11	5	0						S
	04S/12W-11B03 S																	
06/12/85	1101	64.0F			49	6.9	23	2.6	139	18	6.0	.0	55.0	.3	240	151	0.8	
	5050	17.8C	8.1	344	2.45	.57	1.00	.07	2.78	.37	.17	.00		--	244	12	1.5	
					60	14	24	2	84	11	5	0						S
	04S/12W-14C02 S																	
06/11/85	1101				17	1.5	47	1.2	97	11	16	.0	53.0	.3	190	48	3.0	
	5050		8.3	303	.85	.12	2.04	.03	1.94	.23	.45	.00		--	205	0	3.5	
					28	4	67	1	74	9	17	0						S
	04S/12W-14C06 S																	
06/11/85	1101				43	6.2	28	2.9	142	18	7.0	.0	55.0	.3	230	133	1.1	
	5050		8.3	372	2.15	.51	1.22	.07	2.84	.37	.20	.00		--	246	0	1.9	
					54	13	31	2	83	11	6	0						S
	04S/12W-16J01 S																	
06/11/85	1101				16	1.2	53	1.2	109	9.0	16	.2	75.0	.3	210	45	3.4	
	5050		7.9	311	.80	.10	2.31	.03	2.18	.19	.45	.00		--	238	0	4.2	
					25	3	71	1	77	7	16	0						S
	04S/12W-17E01 S																	
06/11/85	1101				10	.4	83	.6	142	8.0	21	1.7	180	.5	230	26	7.1	
	5050		8.1	392	.50	.03	3.61	.02	2.84	.17	.59	.03		--	390	0	7.6	T
					12	1	87	0	78	5	16	1						S
	04S/12W-17Q01 S																	
06/11/85	1101				14	1.0	63	1.0	93	8.0	23	.0	110	.5	210	39	4.4	
	5050		7.9	342	.70	.08	2.74	.03	1.86	.17	.65	.00		--	276	0	4.7	T
					20	2	77	1	69	6	24	0						S
	04S/12W-24M08 S																	
06/11/85	1101				11	.7	67	.9	117	25	11	.0	64.0	.4	220	30	5.3	
	5050		8.5	350	.55	.06	2.91	.02	2.34	.52	.31	.00		--	250	0	5.6	
					16	2	82	1	74	16	10	0						S
	04S/12W-25E01 S																	
06/12/85	1101				3.2	.1	83	.6	145	8.0	15	.3	190	.5	230	8	12.8	
	5050		8.3	352	.16	.01	3.61	.02	2.90	.17	.42	.00		--	347	0	7.3	T
					4	0	95	1	83	5	12	0						S
	04S/12W-25K02 S																	
06/13/85	1101	69.0F			58	9.8	53	2.2	152	65	34	.1	80.0	.5	320	186	1.7	
1200	5050	20.0C	8.0	551	2.89	.81	2.31	.06	3.04	1.35	.96	.00		--	393	33	3.3	T
					48	13	38	1	57	25	18	0						S
	04S/13W-12E01 S																	
06/12/85	1101				15	1.5	82	1.5	142	9.0	35	.0	200	.5	270	43	5.4	
	5050		8.2	427	.75	.12	3.57	.04	2.84	.17	.99	.00		--	428	0	7.0	T
					17	3	80	1	71	4	25	0						S
	04S/13W-27N05 S																	
09/07/85	5050	84.0F			25	5.0	104	5.0	208	.0	72	.7	.3	.3	335	83	5.0	
1000	0000	28.9C	7.7	627	1.25	.41	4.52	.13	4.16	.00	2.03	.01		--	337	0	8.5	
					20	6	72	2	67	0	33	0						
	U-05.C	RAYMOND HA																
	U-05.C1	PASADENA HSA																
	01N/11W-30D04 S																	
08/12/85	1101				64	19	1.0	--	131	67	29	5.3	.34	1.1	340	238	0.0	
	1101		7.6	564	3.19	1.56	.04		2.62	1.39	.82	.09		--	264	107	0.1	T
					67	33	1		53	28	17	2						
	01N/11W-30H01 S																	
08/23/85	1101				56	15	22	1.9	139	34	23	4.3	.44	1.0	290	202	0.7	
0700	1101		7.8	459	2.79	1.23	.96	.05	2.78	.71	.65	.07		--	240	62	1.9	
					55	24	19	1	66	17	15	2						S
	01N/11W-30J01 S																	
05/03/85	5050				58	13	24	1.9	162	38	21	19.0	.3	1.0	299	198	0.7	
	5050		7.7	487	2.89	1.07	1.04	.05	3.24	.79	.59	.31		--	272	36	1.5	
					57	21	21	1	66	16	12	6						
06/04/85	5050				54	12	22	1.9	169	29	17	20.0	.3	1.0	241	144	0.7	
	5050		8.4	464	2.69	.99	.96	.05	3.38	.60	.48	.32		--	238	15	1.4	
					57	21	20	1	71	13	10	7						
	01N/12W-20R01 S																	
04/25/85	5050				96	29	35	3.0	203	122	51	34.1	.1	.6	540	358	0.8	
	5050		7.5	819	4.79	2.38	1.52	.08	4.06	2.54	1.44	.55		--	492	156	1.9	
					55	27	17	1	47	30	17	6						
08/12/85	5050				92	30	35	2.7	180	118	50	7.5	--	--	530	353	0.8	
1037	5064		7.5	830	4.59	2.47	1.52	.07	3.60	2.46	1.41	.12		--	443	173	1.8	
					53	29	18	1	47	32	19	2						S
	01N/12W-21K01 S																	
08/12/85	1101				36	11	28	2.0	82	43	26	7.9	.18	1.0	270	135	1.0	
1110	1101		7.6	419	1.80	.90	1.22	.05	1.64	.90	.73	.13		--	203	53	1.6	T
					45	23	31	1	48	26	21	4						S
	01N/12W-25K01 S																	
01/25/85	5050				84	23	40	2.3	196	70	45	72.0	.1	.7	373	304	1.0	
1230	5050		8.1	770	4.19	1.89	1.74	.06	3.92	1.46	1.27	1.16		--	454	108	2.2	T
					53	24	22	1	50	19	16	15						

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD PH	LABORATORY EC	CA	MG	NA	K	CACO3	SO4	CL	NO3	B TURB	F SIO2	TDS SUM	TH NCH	SAR ASAR	REM
					MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER / MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					
	U		LOS ANGELES HA															
	U-05		LA-SAN GABRIEL RIVER HU															
	U-05.C		RAYMOND HA															
	U-05.C1		PASADENA HSA															
	01N/12W-26A01 S																	
04/30/85	5050				39	9.0	31	1.9	124	24	20	26.0	.1	1.2	238	134	1.2	
	5050		8.1	410	1.95	.74	1.35	.05	2.48	.50	.56	.42		--	225	11	2.0	
					48	18	33	1	63	13	14	11						
	01N/12W-28N01 S																	
08/16/85	5050				53	20	69	3.5	90	183	64	.1	.14	.6	460	219	2.1	
1535	5064		8.0	750	2.67	1.71	3.04	.09	1.80	3.81	1.80	.00		--	449	129	3.6	
					36	23	40	1	24	51	24	0						
	01N/12W-34C01 S																	
04/30/85	5050				45	11	42	2.7	138	53	29	17.0	.3	1.0	309	157	1.5	
	5050		8.1	501	2.25	.90	1.83	.07	2.76	1.10	.82	.27		--	283	20	2.7	
					45	18	36	1	56	22	17	5						
	01N/12W-14E04 S																	
07/30/85	5050				87	26	40	3.0	153	105	54	9.3	.02	.7	490	324	1.0	
	5064		7.7	764	4.14	2.14	1.74	.08	3.06	2.19	1.52	.15		--	416	171	2.1	
					42	26	21	1	44	32	22	2						S
08/22/85	5050	70.0F			92	26	41	3.6	198	112	57	32.0	.1	.6	534	336	1.0	
0930	0000	21.1C	8.0	815	4.59	2.14	1.78	.09	3.96	2.33	1.61	.52		--	482	139	2.2	
					53	25	21	1	47	28	19	6						
	01N/12W-34E14 S																	
04/30/85	5050				64	17	34	3.0	150	62	48	28.0	.3	.8	360	230	1.0	
	5050		8.0	615	3.19	1.40	1.48	.08	3.00	1.29	1.35	.45		--	346	80	2.0	
					52	23	24	1	49	21	22	7						
	01N/12W-34N01 S																	
01/25/85	5050				149	42	69	3.4	212	255	108	78.0	.3	.6	891	544	1.3	
1300	5050		7.9	1330	7.44	3.45	3.00	.09	4.24	5.31	3.05	1.26		--	832	333	3.2	
					53	25	21	1	31	38	22	9						
07/31/85	5050				180	41	68	3.0	230	252	114	19.0	.03	1.2	940	618	1.2	
1315	5064		7.4	1370	8.98	3.37	2.96	.08	4.60	5.25	3.21	.31		--	815	388	3.0	
					58	22	19	1	34	39	24	2						S
08/20/85	5050	72.0F			181	43	66	3.4	292	258	111	79.2	.2	.6	1020	628	1.1	E
1430	0000	22.2C	7.9	1400	9.03	3.54	2.87	.09	5.83	5.37	3.13	1.28		--	917	337	3.0	
					58	23	18	1	37	34	20	8						
	01N/12W-35R01 S																	
07/31/85	5050				42	11	32	1.6	105	27	21	8.6	.01	.9	270	150	1.1	
1000	5064		7.9	436	2.10	.90	1.39	.04	2.10	.56	.59	.14		--	206	45	1.9	T
					47	20	31	1	62	17	17	4						S
08/21/85	5050	73.0F			45	11	29	1.7	126	31	24	34.8	.1	.9	318	158	1.0	E
0900	0000	22.8C	8.0	442	2.25	.90	1.26	.04	2.52	.65	.68	.56		--	252	32	1.8	T
					41	20	28	1	57	15	15	13						
	01N/17W-34E04 S																	
01/25/85	5050				92	26	40	3.2	200	110	56	38.0	.2	.6	529	336	0.9	
1310	5050		8.3	823	4.59	2.14	1.74	.06	4.00	2.29	1.58	.41		--	485	137	2.2	
					54	25	20	1	47	27	19	7						
	U-05.C2		MONK HILL HSA															
	01N/12W-09R01 C																	
01/25/85	5050				69	25	32	1.6	166	48	48	75.0	.0	.5	434	275	0.8	
1140	5050		7.7	682	3.44	2.06	1.39	.04	3.32	1.00	1.35	1.21		--	398	109	1.8	
					50	30	20	1	48	15	20	18						
	01N/12W-05G01 S																	
01/25/85	5050				23	8.0	27	1.0	92	17	21	12.0	.0	.7	213	90	1.2	E
1040	5050		8.0	304	1.15	.66	1.17	.03	1.84	.35	.59	.19		--	164	0	1.8	T
					38	22	39	1	62	12	20	6						
	01N/12W-06M06 S																	
06/04/85	5050				106	34	38	3.0	225	105	84	53.0	.0	.4	563	404	0.8	
	5050		8.2	933	5.29	2.80	1.65	.08	4.50	2.19	2.37	.85		--	558	180	2.0	
					54	29	17	1	45	22	24	9						
07/30/85	5050				94	31	36	2.6	175	84	71	11.0	.06	.5	530	362	0.8	
1435	5064		7.1	851	4.69	2.55	1.57	.07	3.50	1.75	2.03	.18		--	435	187	1.8	
					53	29	18	1	47	24	27	2						S
08/19/85	5050	68.0F			95	28	36	2.9	208	83	70	45.3	.0	.4	535	352	0.8	
1415	0000	20.0C	7.7	833	4.74	2.30	1.57	.07	4.16	1.73	1.97	.71		--	485	144	1.9	
					55	26	18	1	48	20	23	8						
	01N/12W-08H02 S																	
01/25/85	5050				59	18	23	1.8	154	39	31	40.0	.1	.8	336	221	0.7	
1120	5050		8.0	539	2.94	1.48	1.00	.05	3.08	.81	.87	.65		--	304	67	1.4	
					54	27	18	1	57	15	16	12						
07/31/85	1101				61	20	24	1.9	131	43	34	--	.04	.6	340	215	0.7	
0700	1101		7.5	562	3.04	1.64	1.04	.05	2.62	.90	.96			--	262	101	1.3	T
					53	28	18	1										
	01N/12W-09F01 S																	
01/25/85	5050	0 F			40	16	22	1.2	116	24	25	43.0	.0	.9	248	166	0.7	
1100	5050	18 C	8.2	433	2.00	1.32	.96	.03	2.32	.50	.71	.69		--	241	50	1.3	
					46	31	22	1	55	12	17	16						
	U-05.C3		SANTA ANITA HSA															
	01N/11W-21G02 S																	
07/31/85	5050				37	9.9	25	1.2	124	14	8.0	1.2	.16	.7	200	133	0.9	
0750	5064		7.9	342	1.85	.81	1.09	.03	2.48	.29	.23	.02		--	171	9	1.6	
					49	21	29	1	82	10	8	1						S
08/21/85	5050	65.0F			55	11	32	1.9	164	33	18	29.0	.2	.8	303	182	1.0	
1245	0000	18.9C	8.2	487	2.74	.90	1.39	.05	3.28	.69	.51	.47		--	278	18	2.0	
					54	18	27	1	66	14	10	9						

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD PH	LABORATORY EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER CA	MG	NA	K	MILLIGRAMS PER LITER PERCENT REACTANCE VALUE CACO3	SO4	CL	NO3	MILLIGRAMS PER LITER B TURB	F SIO2	TDS SUM	TH NCH	SAR ASAR	REM
	U	LOS ANGELES HS																
	U-05	LA-SAN GABRIEL RIVER HU																
	U-05.0	SAN GABRIEL VALLEY HA																
	U-05.01	MAIN SAN GABRIEL HSA																
	01N/09W-19K01 S																	
07/31/85	1101	72.0F			82	23	30	3.7	165	74	34	11.0	.05	.4	430	299	0.8	
0930	1101	22.2C	7.3	711	4.09	1.89	1.31	.09	3.30	1.54	.96	.18		--	357	134	1.6	
					55	26	18	1	55	26	16	3						S
	01N/10W-31N01 S																	
08/21/85	5050	66.0F			43	8.0	11	2.8	130	20	9.0	1.9	.0	.4	220	140	0.4	
0930	0000	18.9C	8.0	320	2.15	.66	.48	.07	2.60	.42	.25	.03		--	174	11	0.7	T
					64	20	14	2	79	13	8	1						
	01N/10W-34L01 S																	
07/30/85	1101	63.0F			90	17	17	4.1	179	48	19	11.0	.05	.3	390	295	0.4	
0940	1101	17.2C	7.7	635	4.49	1.40	.74	.10	3.58	1.00	.54	.18		--	313	116	0.9	
					67	21	11	1	68	19	10	3						S
	01N/11W-31A01 S																	
08/15/85	1101	70.0F			35	6.6	--	--	123	14	7.0	.7	.16	.7	210	115		
1459	1101	21.1C	7.9	338	1.75	.54			2.46	.29	.20	.01		--		0		
									83	10	7	0						S
	01N/11W-34N02 S																	
06/21/85	5050	65.0F			49	12	22	1.5	139	22	17	42.0	.2	1.0	275	172	0.7	
1130	0000	18.3C	8.1	439	2.45	.99	.96	.04	2.78	.46	.48	.68		--	249	33	1.4	
					55	22	22	1	63	10	11	15						
	01N/11W-34N03 S																	
07/31/85	5050				42	12	21	1.5	115	--	18	7.4	.15	.8	240	154	0.7	
0730	5064		7.9	381	2.10	.99	.91	.04	2.30		.51	.12		--		40	1.3	
					52	25	23	1										
	01N/11W-35L01 S																	
06/15/85	1101	64.0F			82	22	--	--	189	37	23	13.0	.05	.5	390	295		
1056	1101	17.8C	7.5	647	4.09	1.81			3.78	.77	.65	.21		--		106		
									70	14	12	4						S
	01S/09W-04J01 S																	
08/28/85	1101	68.0F			81	33	53	3.5	131	126	58	22.0	.01	.4	540	338	1.3	
	1101	20.0C	6.9	910	4.04	2.71	2.31	.09	2.62	2.62	1.64	.35		--	455	207	2.6	
					44	30	25	1	36	36	23	5						S
	01S/10W-07A06 S																	
08/05/85	1101	56.0F			45	9.3	7.7	2.8	116	15	4.0	2.4	.03	.2	195	151	0.3	
	1101	13.3C	7.8	325	2.25	.76	.33	.07	2.32	.31	.11	.04		--	156	35	0.5	
					66	22	10	2	83	11	4	1						S
	01S/10W-10R01 S																	
06/20/85	5050	70.0F			68	17	43	1.5	180	84	32	22.0	.0	.4	403	240	1.2	
0930	0000	21.1C	8.1	633	3.39	1.40	1.87	.04	3.60	1.75	.90	.35		--	375	60	2.5	
					51	21	28	1	55	27	14	5						
	01S/10W-12R01 S																	
08/01/85	5050				86	28	32	3.2	128	94	46	25.0	.04	.7	500	330	0.8	
1335	5064		7.5	811	4.29	2.30	1.39	.08	2.56	1.96	1.30	.40		--	391	202	1.6	T
					53	29	17	1	41	32	21	6						S
	01S/10W-16B01 S																	
08/20/85	5050	70.0F			74	18	30	4.7	212	43	20	53.4	.0	.3	430	258	0.8	E
1315	0000	21.1C	8.0	611	3.69	1.48	1.31	.12	4.24	.90	.56	.86		--	370	47	1.8	
					56	22	20	2	65	14	9	13						
	01S/10W-19D07 S																	
08/05/85	1101	60.0F			52	13	24	2.6	169	24	10	.5	.02	.4	270	183	0.8	
	1101	15.5C	7.6	443	2.59	1.07	1.04	.07	3.38	.50	.28	.01		--	227	14	1.5	
					54	22	22	1	81	12	7	0						S
	01S/10W-20B05 S																	
08/01/85	5050				83	18	21	3.5	189	47	26	13.0	.08	.4	380		0.5	
1445	5064		7.7	654	4.14	1.48	.91	.09	3.78	.99	.73	.21		--	325	92	1.2	
					63	22	14	1	66	17	13	4						S
08/20/85	5050	64.0F			82	17	21	3.6	193	46	25	60.0	.0	.3	399	274	0.6	
1030	0000	18.9C	8.0	606	4.09	1.40	.91	.09	3.86	.96	.71	.97		--	370	82	1.2	
					63	22	14	1	59	15	11	15						
	01S/10W-21F02 S																	
08/20/55	1101	69.0F			21	18	34	2.9	98	47	24	.2	.76	.3	230	126	1.3	
0815	1101	20.5C	8.1	405	1.05	1.48	1.48	.07	1.96	.98	.68	.00		--	207	29	2.1	
					26	36	36	2	54	27	19	0						S
	01S/10W-24M02 S																	
06/15/85	5050	67.0F			114	35	60	2.4	232	183	72	35.0	.0	.5	712	428	1.3	E
1000	0000	19.4C	8.0	1010	5.69	2.88	2.61	.06	4.64	3.81	2.03	.56		--	641	197	3.1	
					51	24	23	1	42	35	18	5						
	01S/10W-31G04 S																	
08/19/85	5050	76.0F			59	17	60	2.9	195	95	30	9.4	.0	.5	398	217	1.8	
1130	0000	24.4C	8.1	646	2.94	1.40	2.61	.07	3.90	1.98	.85	.15		--	390	22	3.7	
					42	20	37	1	57	29	12	2						
08/20/85	5050	72.0F			55	13	45	2.1	181	66	22	9.6	.0	.4	369	190	1.4	
1000	0000	22.2C	8.1	546	2.74	1.07	1.96	.05	3.62	1.37	.62	.15		--	321	10	2.9	
					47	18	34	1	63	24	11	3						
	01S/10W-31P05 S																	
07/31/85	5050				85	26	84	2.5	183	178	63	4.0	.14	.7	600	319	2.0	
0915	5064		7.6	959	4.24	2.14	3.65	.06	3.66	3.71	1.78	.06		--	552	136	4.5	
					42	21	36	1	40	40	19	1						S

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD PH	LABORATORY EC	CA	MG	NA	K	CACO3	SO4	CL	NO3	B TUSA	F STO2	TDS SUM	TH NCH	SAR ASAR	REM
					MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER / MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					
	U		LOS ANGELES HA															
	U-05		LA-SAN GABRIEL RIVER HU															
	U-05.0		SAN GABRIEL VALLEY HA															
	U-05.01		MAIN SAN GABRIEL HSA															
	015/10W-32B01 S																	
08/01/85	5050				64	18	43	1.5	146	79	32	6.2	.06	8.4	390	234	1.2	
1439	5064		7.6	636	3.19	1.48	1.87	.04	2.92	1.64	.90	.10		--	331	88	2.4	
					48	22	28	1	53	29	16	2						S
	015/11W-02G02 S																	
08/06/85	1101				96	28	24	2.4	230	52	30	13.0	.09	.6	470	355	0.6	
0830	1101		7.3	765	4.79	2.30	1.04	.06	4.60	1.08	.85	.21		--	383	129	1.3	
					58	28	13	1	68	16	13	3						S
	015/11W-02H01 S																	
08/05/85	1101				48	11	12	150	123	27	11	2.0	.06	.4	220	165	0.4	
0820	1101		7.7	366	2.40	.90	.52	3.84	2.46	.55	.31	.03		--	335	42	0.7	TC
					31	12	7	50	73	17	9	1						S
	015/11W-06D02 S																	
08/29/85	1101	69.0F			27	6.3	40	1.0	98	41	13	2.1	.15	.9	250	93	1.8	
	1101	20.5C	7.5	370	1.35	.52	1.74	.03	1.96	.85	.37	.03		--	189	0	2.7	T
					37	14	48	1	61	26	12	1						S
	015/11W-07H02 S																	
07/30/85	5050				37	11	20	1.3	122	18	8.0	.4	.09	.7	230	135	0.7	
1005	5064		7.7	341	1.85	.90	.87	.03	2.44	.37	.23	.01		--	169	16	1.3	T
					31	25	24	1	80	12	8	0						S
08/21/85	5050	67.0F			44	11	22	1.5	160	16	11	9.4	.2	.8	274	155	0.8	E
0830	0000	19.4C	8.0	380	2.20	.90	.96	.04	3.20	.33	.31	.15		--	211	0	1.5	T
					54	22	23	1	80	8	8	4						
	015/11W-08A03 S																	
08/21/85	5050	66.0F			40	10	24	1.3	160	12	10	4.8	.1	.9	249	141	0.9	
1130	0000	18.9C	8.2	356	2.00	.82	1.04	.03	3.20	.25	.28	.08		--	198	0	1.6	T
					51	21	27	1	44	7	7	2						
	015/11W-10F02 S																	
08/15/85	1101	65.0F			67	10	17	2.0	197	30	13	1.9	.09	.6	320	209	0.5	
1107	1101	18.3C	7.6	534	3.34	.82	.74	.05	3.94	.62	.37	.03		--	259	11	1.1	
					67	17	15	1	79	13	7	1						
	015/11W-12J07 S																	
08/05/85	1101				62	13	10	3.3	153	25	7.0	1.0	.05	.2	260	208	0.3	
	1101		7.7	442	3.09	1.07	.44	.08	3.06	.52	.20	.02		--	213	55	0.6	
					66	23	9	2	81	14	5	1						S
	015/11W-15L02 S																	
08/15/85	1101	64.0F			53	13	14	2.5	148	24	9.0	3.0	.07	.3	245	186	0.4	
1015	1101	17.8C	7.6	423	2.64	1.07	.61	.06	2.96	.50	.25	.05		--	207	38	0.9	
					60	24	14	1	79	13	7	1						S
	015/11W-17B05 S																	
08/21/85	5050	66.0F			41	9.0	24	1.1	160	12	9.0	3.0	.1	.9	261	140	0.9	F
0815	0000	18.9C	8.0	363	2.05	.74	1.04	.03	3.20	.25	.25	.05		--	195	0	1.6	T
					53	19	27	1	45	7	7	1						
	015/11W-21H01 S																	
08/19/85	5050	62.0F			51	9.0	10	1.8	144	24	7.0	4.2	.0	.4	214	160	0.3	
1200	0000	16.7C	8.1	350	2.54	.66	.44	.05	2.88	.50	.20	.07		--	192	16	0.6	
					69	18	12	1	79	14	5	2						
	015/11W-22R01 S																	
08/15/85	1101	65.0F			87	18	21	4.1	189	47	29	8.7	.01	.4	370	291	0.5	
1212	1101	18.3C	7.4	659	4.34	1.48	.91	.10	3.78	.99	.82	.14		--	328	102	1.2	
					64	22	13	1	66	17	14	2						S
	015/11W-25D01 S																	
08/05/85	1101	71.0F			69	13	16	4.0	161	32	18	7.1	.04	.3	320	226	0.5	
	1101	21.6C	7.9	530	3.44	1.07	.70	.10	3.22	.67	.51	.11		--	256	65	0.9	
					65	20	13	2	71	15	11	2						S
	015/11W-30F01 S																	
08/06/85	1101				19	3.6	46	1.5	107	20	6.0	.3	.08	.7	185	62	2.5	
1115	1101		8.1	300	.95	.30	2.00	.04	2.14	.42	.17	.00		--	141	0	3.4	
					29	9	61	1	78	15	6	0						S
	015/11W-34F01 S																	
08/28/85	1101	69.0F			44	3.7	25	3.1	139	22	8.0	.9	.05	.4	220	467	0.5	
	1101	20.5C	7.8	390	2.20	.72	1.09	.08	2.78	.46	.23	.01		--	195	7	1.1	
					54	18	27	2	40	13	7	0						S
	015/12W-10E01 S																	
07/30/85	5050				71	22	40	2.3	161	48	46	14.0	.04	.5	430	268	1.1	
	5064		7.6	704	3.54	1.81	1.74	.06	3.22	1.00	1.30	.29		--	340	107	2.2	T
					50	25	24	1	56	17	23	4						S
08/22/85	5050	72.0F			76	22	42	2.7	215	53	48	53.0	.0	.5	447	280	1.1	
0915	0000	22.2C	8.2	735	3.79	1.81	1.83	.07	4.30	1.10	1.35	.85		--	426	65	2.4	
					51	24	24	1	57	14	18	11						
	015/12W-12B01 S																	
08/15/85	5050	70.0F			89	24	31	4.0	162	92	43	91.0	.0	.6	486	320	0.8	
1100	0000	21.1C	8.2	784	4.44	1.97	1.35	.10	3.24	1.92	1.21	1.47		--	471	159	1.6	
					56	25	17	1	41	24	15	19						
	015/12W-13A01 S																	
07/30/85	1101				50	17	24	1.2	116	25	19	14.0	.06	.7	310	195	0.7	
0925	1101		7.7	484	2.50	1.40	1.04	.03	2.32	.52	.54	.23		--	220	79	1.4	T
					50	28	21	1	64	14	15	6						S

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD PH	FIELD EC	LABORATORY PH	LABORATORY EC	CA	MG	NA	K	CACO3	SO4	CL	NO3	B	F	TOS	TN	SAR	REM
							MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER / MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					
															TURB	SIO2	SUM	MCH	ASAR	
	U	LOS ANGELES HB																		
	U-05	LA-SAN GABRIEL RIVER HU																		
	U-05.0	SAN GABRIEL VALLEY HA																		
	U-05.01	MAIN SAN GABRIEL HSA																		
	01S/12W-24E04 S																			
08/15/85	1101	71.0F					32	9.5	27	1.8	135	16	12	2.2	.11	.6	200	119	1.1	
1132	1101	21.6C	7.5		345	1.60	.78	1.17	.05	2.30	.33	.34	.04			--	170	4	1.0	
						44	22	33	1	76	31	11	1							S
	01S/12W-25R01 S																			
08/06/85	1101					30	9.9	26	1.6	122	14	7.0	.6	.11	.7	200	116	1.1		
1055	1101		7.5		325	1.50	.81	1.13	.04	2.44	.29	.20	.01		--	162	0	1.7		
						43	23	32	1	83	10	7	0							S
	01S/12W-25R0A S																			
08/06/85	1101					41	12	28	1.7	136	30	12	1.7	.30	.6	250	152	1.0		
1125	1101		7.5		400	2.05	.99	1.22	.04	2.72	.62	.34	.03		--	208	16	1.0		
						48	23	28	1	73	17	9	1							S
	02S/09W-04K01 S																			
08/19/85	5050	70.0F					206	47	60	3.9	330	331	89	39.0	.1	.5	1000	707	1.0	E
0915	0000	21.1C	7.9		1390	10.28	3.87	2.61	.10	6.59	6.89	2.51	.63			--	974	378	2.7	C
						61	23	15	1	40	41	15	4							
	02S/09W-09J02 S																			
08/20/85	1101	78.0F					54	20	70	3.6	--	179	62	1.7	.02	.5	480	217	0.0	
1130	1101	25.5C	8.5		730	2.69	1.64	3.05	.09		3.73	1.75	.03			--				
						36	22	41	1											
	02S/09W-18F02 S																			
08/20/85	1101	66.0F					160	56	75	2.5	139	392	118	8.2	.29	1.3	1190	630	1.3	E
1225	1101	18.9C	7.0		1610	7.98	4.61	3.26	.06	2.78	7.95	3.33	.13			--	885	491	3.0	T
						50	29	20	0	20	56	23	1							S
	02S/09W-18N01 S																			
08/20/85	1101	73.0F					48	26	230	2.6	312	169	94	50.0	.07	1.4	790	227	6.1	
1400	1101	22.8C	7.9		1290	2.40	2.14	9.14	.07	6.23	3.52	2.65	.81			--	787	0	13.7	
						17	16	66	1	47	27	20	6							S
	02S/10W-08E02 S																			
08/29/85	1101	66.0F					150	51	110	2.6	230	240	185	17.0	.31	1.7	1050	384	2.0	
1301	1101	18.9C	7.3		1590	7.49	4.19	4.79	.07	4.60	5.00	5.22	.27			--	894	354	5.0	
						45	25	29	0	30	33	35	2							S
	02S/10W-13H02 S																			
08/05/85	1101	72.0F					230	95	84	3.1	295	395	341	8.2	.34	1.4	1150	801	1.3	E
	1301	22.2C	7.1		1600	11.48	4.52	3.65	.08	5.89	8.22	3.98	.13			--	1094	506	3.5	
						58	23	38	0	32	45	22	1							S
	02S/11W-04N01 S																			
06/13/85	1101					99	23	77	4.7	176	166	88	3.2	190	.5	570	344	1.0		
	5050		7.6		917	4.94	1.89	3.35	.12	3.52	3.46	2.48	.05		--	756	366	4.0	T	
						48	18	33	1	37	36	26	1							S
	U-05.02	LOWER CANYON HSA																		
	03N/10W-29K01 S																			
08/15/85	1101	63.0F					54	13	16	3.5	142	32	8.0	1.0	.06	.4	260	188	0.5	
0945	1101	17.2C	7.6		428	2.69	1.07	.70	.09	2.84	.67	.23	.03			--	214	46	1.0	
						59	24	15	2	75	18	6	1							S
	U-05.03	UPPER CANYON HSA																		
	01N/10W-23C01 S																			
07/30/85	1101	63.0F					47	12	14	3.2	131	27	5.0	.7	.06	.3	210	167	0.5	
1015	1101	16.1C	7.8		375	2.35	.99	.61	.08	2.62	.56	.14	.01			--	188	36	0.9	
						58	25	15	2	79	17	4	0							S
	01N/10W-27C02 S																			
07/30/85	1101	61.0F					54	12	10	2.0	138	28	5.0	3.2	.03	.2	250	184	0.3	
0845	1101	16.1C	7.7		395	2.69	.99	.44	.05	2.76	.98	.14	.05			--	197	46	0.6	T
						65	24	11	1	78	16	4	1							S
	U-05.04	FOOTHILL HSA																		
	01N/08W-19L01 S																			
07/30/85	5050	70.0F					45	11	13	3.3	116	24	5.0	.9	.06	.3	200	158	0.5	
1230	5064	21.1C	7.7		353	2.25	.90	.57	.08	2.32	.50	.14	.01			--	172	42	0.8	
						59	24	15	2	78	17	5	0							S
	U-05.E	SPADRA HA																		
	U-05.E1	SAN JOSE WASH HSA																		
	01S/09W-25D01 S																			
08/20/85	1101	68.0F					110	25	26	2.2	164	106	36	22.0	.03	.7	840	378	0.6	
1030	1101	20.0C	7.3		870	5.49	2.06	1.13	.06	3.28	2.21	1.02	.35			--	426	234	1.3	T
						63	24	13	1	48	32	15	5							S
	01S/09W-26H01 S																			
08/08/85	1101						130	27	27	2.3	213	139	33	19.3	.04	.4	580	436	0.6	
	1101		7.4		926	6.49	2.22	1.17	.06	4.26	2.89	.93	.31			--	505	223	1.4	
						65	22	12	1	51	34	11	4							S
	01S/09W-34F02 S																			
08/15/85	5050	66.0F					137	26	52	3.3	268	162	59	66.0	.4	.4	666	449	1.1	
1200	0000	18.9C	8.1		1030	6.84	2.14	2.26	.08	5.35	3.37	1.49	1.06			--	660	182	2.7	
						60	19	20	1	47	30	13	9							
	01S/09W-34F04 S																			
08/19/85	5055	70.0F					96	20	88	4.5	178	168	53	31.3	.2	.3	531	322	1.4	
1000	0000	21.1C	8.1		855	4.79	1.64	2.44	.12	3.56	3.50	1.49	.50			--	535	144	3.0	
						53	18	27	1	39	39	16	6							

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD PH	LABORATORY EC	MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER									MILLIGRAMS PER LITER					
					CA	MG	NA	K	CACO3	SO4	CL	NO3	B	F	IOS	TH	SAR	PER
					MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE								TJR9	SIO2	SUM	NCH	ASAB	
	U		LOS ANGELES HR															
	U-05		LA-SAN GABRIEL RIVER HU															
	U-05.E		SPADRA HA															
	U-05.E2		POMONA HSA															
	01S/08W-07G02 S																	
07/30/85	1101	72.0F			70	14	--	38	103	78	24	21.0	.19	.3	390	232		
1415	1103	22.2C	7.9	635	3.49	1.19		.97	2.06	1.62	.68	.34		--		129		
									44	34	14	7						S
	01S/08W-10N01 S																	
08/15/85	1101	68.0F			57	7.2	15	2.0	131	29	7.0	4.7	27.0	.2	250	172	0.5	
	1103	20.0C	7.6	406	2.84	.59	.65	.05	2.62	.60	.20	.08		--	227	41	0.9	
					69	14	16	1	73	17	6	2						S
	01S/09W-12R01 S																	
08/19/85	5030	73.0F			80	15	39	2.3	180	59	37	69.6	.1	.2	473	261	1.1	F
1215	0000	22.8C	8.1	674	3.99	1.23	1.70	.06	3.60	1.23	1.04	1.12		--	410	81	2.2	
					57	18	24	1	52	18	15	16						
	01S/09W-12R01 S																	
08/02/85	5030				71	15	38	2.1	135	52	32	15.0	.08	.3	390	239	1.1	
0800	5064		7.7	642	3.54	1.23	1.65	.05	2.70	1.08	.90	.24		--	306	104	2.1	T
					55	19	26	1	55	22	18	5						C
	U-05.E3		LIVE OAK HSA															
	01N/08W-33A01 S																	
08/14/85	5030	71.0F			54	15	42	1.1	142	58	46	20.0	.0	.5	358	196	1.3	
1400	0000	21.6C	7.5	560	2.69	1.23	1.83	.03	2.84	1.21	1.30	.32		--	321	94	2.5	
					47	21	32	1	50	21	23	6						

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER / MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE CA	MG	NA	K	CACO3	SO4	CL	NO3	B TURB	F SIO2	TDS SUM	TH NCM	SAR ASAR	REM
	W		SOUTH LAHONTAN HB															
	W-26		ANTELOPE HU															
	W-26.A		CHAFER HA															
	W-26.A5		LANCASTER HSA															
	06N/10W-05H01 S																	
06/10/85	5050	71 F	7.7	300	--	--	--	--	--	--	--	--	--	--				Y
1000	0000	22 C	8.2	391										--				
																		S
	06N/12W-01H01 S																	
06/06/85	5050	79 F	8.0	175	25	1.0	25	.5	98	15	5.0	.4	.0	.2	130	66	1.3	Y
1400	0000	26 C	8.3	229	1.25	.08	1.09	.01	1.96	.31	.17	.01		--	132	0	1.8	
					51	3	45	0	80	13	7	0						
	06N/12W-13N01 S																	
06/21/85	5050	81 F	8.0	280	17	3.0	50	1.2	128	26	5.0	.9	.0	.4	229	55	2.9	E
0830	0000	27 C	8.2	306	.85	.25	2.18	.03	2.56	.50	.17	.01		--	179	0	4.0	T
					26	8	66	1	79	15	5	0						
	06N/12W-30P01 S																	
05/08/85	5050	78 F	7.8	625	--	--	--	--	--	--	--	--	--	--				
0800	0000	26 C	8.3	680										--				
	06N/13W-04H01 S																	
06/06/85	5050	79 F	8.1	530	--	--	--	--	--	--	--	--	--	--				Y
1500	0003	26 C	8.3	882										--				
	07N/10W-30E01 S																	
06/07/85	5050	72 F	7.7	470	69	15	20	1.4	118	111	30	4.6	.1	.3	361	234	0.6	
1200	0000	22 C	8.0	565	3.44	1.23	.87	.04	2.36	2.31	.85	.07		--	322	116	1.1	
					62	22	16	1	42	41	15	1						
	07N/10W-33A01 S																	
06/08/85	5050	78 F	7.9	470	--	--	--	--	--	--	--	--	--	--				
1400	0000	26 C	8.1	534										--				
	07N/13W-24M02 S																	
06/20/85	5050	72 F	7.6	550	--	--	--	--	--	--	--	--	--	--				
1300	0000	22 C	8.3	634										--				
	W-26.A7		BUTTES HYDRO SUBAREA															
	05N/11W-09A02 S																	
06/21/85	5050	68 F	7.3	310	--	--	--	--	--	--	--	--	--	--				
1000	0000	20 C	8.2	359										--				
	05N/11W-16P02 S																	
05/07/85	5050	77 F	7.3		--	--	--	--	--	--	--	--	--	--				
1100	0000	25 C	7.6	2753										--				
	05N/12W-02K04 S																	
06/11/85	5050	64 F	7.3	1600	124	52	190	.5	230	207	310	45.6	.5	.6	1190	523	3.6	
0730	0000	18 C	7.9	1820	6.19	4.28	8.27	.01	4.60	4.31	8.74	.74		--	1068	294	8.9	
					33	23	44	0	25	23	48	4						
	06N/09W-04H02 S																	
06/11/85	5050	72 F	7.9	300	--	--	--	--	--	--	--	--	--	--				
1430	0000	22 C	8.2	370										--				
	06N/09W-10U01 S																	
06/20/85	5050	73 F	8.0	310	--	--	--	--	--	--	--	--	--	--				
1415	0003	23 C	8.3	358										--				
	06N/11W-32P02 S																	
06/21/85	5050	74 F	8.1	260	--	--	--	--	--	--	--	--	--	--				
1200	0000	23 C	8.3	302										--				
	W-26.A8		ROCK CREEK HYDRO SUBAREA															
	04N/09W-06A01 S																	
06/18/85	5050	78 F	7.7	460	--	--	--	--	--	--	--	--	--	--				
1500	0000	26 C	8.2	549										--				
	04N/09W-05L01 S																	
06/14/85	5053	78 F	7.2	450	--	--	--	--	--	--	--	--	--	--				
1000	0000	26 C	8.2	507										--				
	04N/09W-09N01 S																	
06/14/85	5050	69 F	7.6	350	45	16	11	1.8	149	49	7.0	.1	.1	.3	194	178	0.4	
1130	0003	21 C	8.1	369	2.25	1.32	.48	.05	2.98	1.00	.20	.00		--	218	30	0.7	
					55	32	12	1	71	24	5	0						
	04N/09W-10L01 S																	
06/13/85	5053	70 F	7.8	540	--	--	--	--	--	--	--	--	--	--				Y
1200	0000	21 C	8.3	698										--				
	04N/10W-02D01 S																	
06/11/85	5050	62 F	6.9	375	56	14	15	2.2	174	32	11	13.8	.0	.3	264	197	0.5	
0930	0003	17 C	8.3	434	2.79	1.15	.65	.06	3.48	.67	.31	.22		--	248	23	0.9	
					60	25	14	1	74	14	7	5						

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP		FIELD PH	LABORATORY EC	MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER / MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE: CA	MG	NA	K	CACO3	SO4	CL	NO3	B TURB	F SIO2	TDS SUM	TH NCH	SAR ASAR	PER
	W			LAHONTAN DRAINAGE PROVINCE															
	W-26			ANTELOPE HYDRO UNIT															
	W-26.A			ANTELOPE HYDRO SUBUNIT															
	W-26.A9			ROCK CREEK HYDRO SUBAREA															
	04N/10W-10001 S																		
06/11/85	5050	79	F	8.1	475	55	21	28	2.9	150	127	6.0	.4	.0	.3	346	224	0.8	
1100	0000	26	C	8.4	539	2.74	1.73	1.22	.07	3.00	2.64	.17	.01		--	330	74	1.6	
						48	30	21	1	52	45	3	0						
	04N/10W-15H01 S																		
06/11/85	5050	75	F	7.3	500	--	--	--	--	--	--	--	--	--	--				
1200	0000	24	C	7.7	622										--				
	05N/08W-13H01 S																		
06/13/85	5050	84	F	7.9	410	--	--	--	--	--	--	--	--	--	--				
1030	0000	29	C	8.1	495										--				
	05N/08W-25H01 S																		
06/18/85	5050	92	F	7.9	480	59	22	27	5.6	159	128	3.0	1.3	.0	.3	307	238	0.8	F
1200	0000	33	C	8.1	534	2.94	1.81	1.17	.14	3.18	2.66	.08	.02		--	341	79	1.6	T
						49	30	19	2	54	45	1	0						
	05N/09W-24P01 S																		
06/10/85	5050			8.4	330	7.0	.0	82	.5	103	70	10	1.8	.1	.6	232	18	8.4	X
1600	0000			8.4	422	.35	.00	3.57	.01	2.06	1.46	.28	.03		--	233	0	6.5	
						9	0	91	0	54	38	7	1						
	05N/09W-25A01 S																		
06/10/85	5050	85	F	8.4	330	--	--	--	--	--	--	--	--	--	--				
1500	0000	29	C	8.3	393										--				
	05N/09W-26D01 S																		
06/13/85	5050	83	F	8.4	330	--	--	--	--	--	--	--	--	--	--				
0800	0000	28	C	8.4	396										--				
	05N/10W-05B01 S																		
06/20/85	5050	74	F	7.7	280	38	4.0	29	1.0	124	42	9.0	.5	.0	.2	208	112	1.2	
1400	0000	23	C	8.4	330	1.90	.33	1.26	.03	2.48	.87	.25	.01		--	198	0	2.0	
						54	9	36	1	69	24	7	0						
	05N/10W-07N01 S																		
06/20/85	5050	76	F	7.8	420	--	--	--	--	--	--	--	--	--	--				
1345	0000	24	C	8.2	488										--				
	05N/10W-07R01 S																		
06/20/85	5050	76	F	7.7	400	--	--	--	--	--	--	--	--	--	--				
1330	0000	24	C	8.2	495										--				
	05N/10W-16J01 S																		
06/10/85	5050	83	F	8.3	330	--	--	--	--	--	--	--	--	--	--				Y
1100	0000	28	C	8.2	441										--				
	05N/10W-26J01 S																		
06/08/85	5050	78	F	7.4	590	71	21	47	.9	222	104	22	10.4	.1	.6	440	264	1.3	
1000	0000	26	C	8.5	670	3.54	1.73	2.04	.02	4.44	2.17	.62	.17		--	410	42	2.8	
						48	24	28	0	60	29	8	2						
	05N/10W-29Q01 S																		
06/08/85	5050	80	F	7.6	1200	103	38	165	3.2	172	422	102	4.8	.2	.9	1020	413	3.5	
1100	0000	27	C	8.3	1460	5.14	3.13	7.18	.08	3.44	8.79	2.88	.08		--	941	242	7.9	
						33	20	46	1	23	58	19	1						
	05N/11W-02Q02 S																		
06/07/85	5050	76	F	7.8	240	--	--	--	--	--	--	--	--	--	--				
0930	0000	24	C	8.1	269										--				
	06N/09W-09P01 S																		
06/12/85	5050	79	F	7.4	1000	--	--	--	--	--	--	--	--	--	--				
1000	0000	26	C	8.2	1190										--				
	06N/08W-19M01 S																		
06/13/85	5050	83	F	8.0	390	--	--	--	--	--	--	--	--	--	--				
1300	0000	27	C	8.3	472										--				
	06N/08W-32P01 S																		
06/12/85	5050	79	F	8.0	330	--	--	--	--	--	--	--	--	--	--				
1400	0000	26	C	8.2	401										--				
	06N/08W-35F02 S																		
06/18/85	5050	79	F	8.1	400	26	6.0	66	4.0	76	145	5.0	2.2	.0	.5	300	90	3.0	
0900	0000	24	C	8.0	470	1.30	.49	2.87	.10	1.52	3.02	.14	.04		--	300	14	4.0	
						27	10	60	2	32	64	3	1						
	06N/09W-22L01 S																		
06/12/85	5050	64	F	7.7	640	84	31	39	2.4	104	203	72	6.3	.1	.5	541	337	0.9	
0830	0000	18	C	8.3	817	4.19	2.55	1.70	.06	2.08	4.23	2.03	.10		--	500	233	1.8	
						49	30	20	1	25	50	24	1						
	06N/09W-35H01 S																		
06/17/85	5050	77	F	7.7	300	--	--	--	--	--	--	--	--	--	--				
1430	0000	25	C	8.2	348										--				

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD PH	LABORATORY PH	EC	CA	MG	NA	K	CACO3	SO4	CL	NO3	B TURB	F SIO2	TDS SUM	TH NCH	SAR ASAR	REM
						MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER				MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					
	W			LAHONTAN DRAINAGE PROVINCE															
	V-26			ANTELOPE HYDRO UNIT															
	W-26.A			ANTELOPE HYDRO SUBUNIT															
	W-26.A9			ROCK CREEK HYDRO SUBAREA															
	06N/09W-35N02 S																		
08/14/85	5050	81 F	7.9		300	--	--	--	--	--	--	--	--	--	--				
1400	0000	27 C	8.2		355										--				
	W-28			MOJAVE HU															
	W-28.F			LOWER MOJAVE HA															
	09N/01E-13K02 S																		
11/29/84	4740					63	11	62	2.8	--	89	51	12.0	--	--			0.0	
	0000		7.6		672	3.14	.90	2.70	.07		1.85	1.44	.19		--				
						46	13	40	1										S
05/02/85	4740					--	--	140	--	--	171	104	6.3	--	.6	750			
	0000							6.09			3.56	2.93	.10		--				
																			S
07/17/85	4740					68	12	68	3.0	--	93	54	3.3	--	.7	430		0.0	
	0000		7.7		719	3.39	.99	2.96	.08		1.94	1.52	.03		--				
						46	13	40	1										
	09N/01E-14K01 S																		
11/29/84	4740					46	8.8	70	2.6	--	108	37	6.8	--	.5	410		0.0	
	0000		7.6		608	2.30	.72	3.03	.07		2.25	1.04	.11		--				
						37	12	50	1										
	09N/01E-23E02 S																		
11/29/84	4740					66	10	128	2.8	--	132	82	28.0	--	.5	660		0.0	
	0000		7.6		952	3.29	.84	5.57	.07		2.75	2.31	.45		--				
						34	9	57	1										

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD PH	LABORATORY PH	EC	CA	MG	NA	K	CACO3	SO4	CL	NO3	B TURB	F SIO2	TDS SUM	TH NCH	SAR ASAR	REM
						MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER				MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					
	Y			SANTA ANA HR															
	Y-01			SANTA ANA RIVER HU															
	Y-01.8			MIDDLE SANTA ANA RIVER HA															
	Y-01.81			CHINO HSA															
	01S/08W-10N37 S																		
07/30/85	1101	64.0F				80	24	--	--	208	--	27	4.4	.02	1.8	380	299		
1350	1101	17.8C			651	3.99	1.97			4.16		.76	.07		--		90		
	01S/08W-19A02 S																		
08/28/85	1101	71.0F				83	10	51	2.3	131	112	20	15.0	.05	.2	470	249	1.4	
	1101	21.6C	7.6		710	4.14	.82	2.22	.06	2.62	2.33	.56	.24		--	372	117	2.8	T
						57	11	31	1	46	41	10	4						S
	01S/08W-28N01 S																		
08/08/85	1101					82	19	13	1.9	131	53	23	17.0	27.0	.3	380	267	0.3	
	1101		7.5		599	4.09	1.23	.57	.05	2.62	1.10	.65	.27		--	310	135	0.7	
						69	21	10	1	56	24	14	6						S
	01S/08W-32P05 S																		
08/09/85	1101	70.0F				71	13	19	1.8	138	58	16	3.2	27.0	.3	330	231	0.4	
	1101	21.1C	7.7		515	3.54	1.07	.65	.05	2.76	1.21	.45	.05		--	288	93	0.9	
						67	20	12	1	62	27	10	1						S
	Y-01.83			CLAREMONT HSA															
	01S/08W-03A01 S																		
07/30/85	1101	64.0F				98	10	6.0	1.9	120	22	2.0	.9	27.0	.3	200	161	0.2	
1310	1101	17.8C	7.6		329	2.40	.82	.26	.05	2.40	.46	.06	.01		--	190	41	0.4	
						68	23	7	1	82	16	2	0						S
	01S/08W-03F03 S																		
08/08/85	1101					51	8.8	15	1.8	123	30	4.0	4.0	.06	.5	230	164	0.3	
	1101		7.5		386	2.54	.72	.65	.05	2.46	.62	.11	.06		--	188	80	0.9	
						54	18	16	1	76	19	3	2						S
	Y-02			SAN JACINTO VALLEY HU															
	Y-02.8			SAN JACINTO HA															
	Y-02.81			GILMAN HOT SPRINGS HSA															
	04S/01W-25G01 S																		
03/15/85	5875	55 F				65	27	70	4.5	93	258	37	8.4	.4	.7	580	281	2.0	
1510	5875	19 C	7.3		925	3.24	2.22	3.05	.12	1.86	5.37	1.04	.14		--	526	190	3.5	
						38	26	35	1	22	64	12	2						
	05S/01W-01C01 S																		
05/02/85	5875	62 F				94	8.8	26	4.3	153	123	35	.4	.1	.2	350	259	0.7	
0930	5875	17 C	8.1		553	4.69	.72	1.13	.11	3.06	2.56	.99	.01		--	383	118	1.5	C
						71	11	17	2	46	39	15	0						

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD PH	LABORATORY EC	CA	MG	NA	K	CACO3	SO4	CL	NO3	B TURB	F SIO2	TDS SUM	TH NCH	SAR ASAR	REM
					MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER / MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					
	2		SAN DIEGO HB															
	2-07		SAN DIEGO RIVER HU															
	2-07.A		LOWER SAN DIEGO HA															
	2-07.A3		EL CAJON HSA															
	15S/01E-31F03 S																	
11/01/84	5050	71.0F	6.9	890	90	41	132	4.1	150	162	228	50.0	.1	.9	580	393	2.9	X
1000	0000	21.6C	7.9	1400	4.49	3.37	5.74	.10	3.00	3.37	6.43	.81		--	297	243	6.3	
					33	25	42	1	22	25	47	6						
	16S/01E-06Q06 S																	
11/01/84	5050	76.0F	7.0	2090	144	78	208	3.4	232	341	271	185	.1	.6	1460	680	3.5	
1520	0000	24.4C	8.0	2190	7.19	6.41	9.05	.09	4.64	7.10	7.64	2.98		--	1370	448	8.8	
					32	28	40	0	21	32	34	13						
	16S/01E-06Q07 S																	
11/01/84	5050	73.0F	7.0	2010	146	81	212	2.2	282	402	289	75.0	.4	.6	1510	698	3.5	
1545	0000	22.8C	8.1	2240	7.29	6.66	9.22	.06	5.63	8.37	8.15	1.21		--	1377	416	9.2	
					31	29	40	0	24	36	35	5						
	16S/01E-07H03 S																	
11/02/84	5050	70.0F	6.9	2700	218	147	250	6.9	291	588	521	73.0	.2	.7	2150	1150	3.2	
1010	0000	21.1C	7.7	3120	10.88	12.09	10.88	.18	5.81	12.24	14.69	1.18		--	1979	859	9.0	
					32	36	32	1	17	36	43	3						
	16S/01E-18H04 S																	
11/20/84	5050	58.0F	6.8	1500	160	131	175	8.0	238	562	314	54.0	.2	.4	1700	938	2.5	EY
0855	0000	14.4C	8.0	2390	7.98	10.77	7.61	.20	4.76	11.70	8.85	.87		--	1547	700	6.7	
					30	41	29	1	18	45	34	3						
	15S/01W-36K03 S																	
11/01/84	5050	73.0F	7.1	1700	145	91	245	2.9	315	509	271	54.0	.2	.8	1660	736	3.9	EX
1415	0000	22.8C	8.0	2340	7.24	7.48	10.66	.07	6.29	10.60	7.64	.87		--	1507	422	10.6	
					28	29	42	0	25	42	30	3						
	16S/01W-11G10 S																	
11/02/84	5050	74.0F	7.0	2400	179	101	170	10	316	171	474	77.0	.4	.4	1390	862	2.9	
1335	0000	23.3C	8.0	2400	8.93	8.31	7.40	.26	6.31	3.56	13.37	1.24		--	1372	547	7.0	
					36	33	30	1	26	15	55	5						
	16S/01W-12G07 S																	
11/20/84	5050	64.0F	8.4	1800	76	27	86	4.7	131	254	67	1.7	.1	.4	637	300	2.2	X
1130	0000	17.8C	8.3	941	3.79	2.22	3.74	.12	2.62	5.29	1.89	.03		--	595	170	4.4	
					38	22	38	1	27	54	19	0						
	16S/01W-12J01 S																	
10/10/84	5050	73.0F	7.0	3000	183	108	360	8.2	268	574	493	162	.5	.7	2330	900	5.2	E
1345	0000	22.8C	8.3	3030	9.13	8.88	15.66	.21	5.35	11.95	13.90	2.61		--	2049	634	14.0	
					27	26	46	1	16	35	41	8						
	16S/01W-13A01 S																	
10/10/84	5050	70.0F	7.2	1700	123	81	250	6.1	234	217	451	88.0	.2	.7	1510	640	4.3	X
1230	0000	21.1C	8.0	2290	6.14	6.66	10.88	.16	4.68	4.52	12.72	1.42		--	1357	406	10.8	
					26	28	46	1	20	19	54	6						S
	16S/01W-13A03 S																	
10/10/84	5050	70.0F	7.2	1700	123	81	250	6.1	234	217	451	88.0	.2	.7	1510	640	4.3	X
1230	5050	21.1C	8.0	2290	6.14	6.66	10.88	.16	4.68	4.52	12.72	1.42		--	1357	406	10.8	
					26	28	46	1	20	19	54	6						S
	16S/01W-13H02 S																	
11/20/84	5050	72.0F	6.9	1750	91	98	175	4.0	289	230	314	44.0	.3	.4	1240	630	3.0	
1330	0000	22.2C	8.0	1930	4.54	8.06	7.61	.10	5.77	4.79	8.89	.71		--	1130	342	8.0	
					22	40	37	0	29	24	44	4						
	16S/01W-13N01 S																	
11/02/84	5050	68.0F	6.8	2500	156	108	220	5.2	308	526	280	71.0	.3	.6	1700	833	3.3	E
1125	0000	20.0C	8.3	2360	7.78	8.88	9.57	.13	5.15	10.95	7.90	1.15		--	1591	526	9.1	
					30	34	36	0	24	42	30	4						
	16S/01W-14F04 S																	
11/19/84	5050	68.0F	7.1	2400	138	89	255	4.6	264	340	406	113	.2	.8	1610	710	4.2	
1430	0000	20.0C	8.1	2430	6.89	7.32	11.09	.12	5.27	7.08	11.45	1.82		--	1504	447	10.9	
					27	29	44	0	21	28	45	7						
	16S/01W-14M01 S																	
10/09/84	5050	70.0F	7.0	2200	134	108	285	7.2	428	479	320	11.5	.4	.7	1740	778	4.4	E
1700	0000	21.1C	7.7	2480	6.59	8.88	12.40	.18	8.55	9.97	9.02	.19		--	1602	351	12.6	
					24	32	44	1	31	36	33	1						
	16S/01W-15R01 S																	
11/19/84	5050	67.0F	6.8	2200	121	101	235	3.8	296	521	259	24.0	.3	.7	1570	717	3.8	E
1623	0000	19.4C	8.0	2240	6.04	8.31	10.22	.10	5.91	10.85	7.30	.39		--	1443	422	10.2	
					24	34	41	0	24	44	30	2						
	16S/01W-23E01 S																	
10/10/84	5050	68.0F	6.8	2200	114	97	285	5.0	320	545	256	40.0	.3	.8	1690	683	4.7	E
1120	0000	20.0C	7.7	2290	5.69	7.98	12.40	.13	6.39	11.35	7.22	.65		--	1534	364	12.7	
					22	30	47	0	25	44	28	3						S
	16S/11W-23E01 S																	
10/10/84	5050	68.0F	6.8	2200	114	97	285	5.0	320	545	256	40.0	.3	.8	1690	683	4.7	E
1120	5050	20.0C	7.7	2290	5.69	7.98	12.40	.13	6.39	11.35	7.22	.65		--	1534	364	12.7	
					22	30	47	0	25	44	28	3						S
	7-09		SWEETWATER HU															
	7-09.A		LOWER SWEETWATER HA															
	7-09.A2		LA NACION HSA															
	17S/02W-33R01 S																	
01/22/85	5050	73.0F	7.4	1250	69	117	938	52	448	307	1420	1.2	1.1	1.0	3150	653	16.0	X
1500	5050	22.9C	7.1	5470	3.44	9.62	40.80	1.33	8.95	6.39	40.04	.02		--	3174	206	42.9	
					6	17	74	2	16	12	72	0						

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE / TIME	SAMPLER / LAB	TEMP	FIELD PH	LABORATORY EC	MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER / MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE: CA	MG	NA	K	CACO3	SO4	CL	NO3	MILLIGRAMS PER LITER: B TURB	F SIO2	TDS SUM	TH NCH	SAR ASAR	REM
	7	SAN DIEGO HA																
	7-09	SWEETWATER HU																
	7-09.4	LOWER SWEETWATER HA																
	7-09.A2	LA MACION HSA																
	17S/02W-33R02 S																	
01/22/83	5050	73.0F	7.4	1000	120	81	700	12	474	341	975	2.4	.6	1.0	2550	632	12.1	X
1415	5050	22.9C	7.5	4260	5.99	6.66	30.45	.32	9.47	7.10	27.50	.04		--	2517	159	33.1	
					14	15	70	1	21	16	62	0						
	17S/02W-35G02 S																	
01/22/83	5050	60.0F	7.4	890	179	80	370	4.4	298	374	636	1.8	.4	.7	1890	776	5.8	X
1615	5050	15.5C	7.8	3060	8.93	6.58	16.10	.11	5.95	7.79	17.94	.03		--	1824	478	19.4	
					28	21	51	0	19	25	57	0						
	17S/02W-36D01 S																	
12/04/84	5050	72.0F	7.6	3600	124	3.0	661	12	60	146	1150	.5	1.6	2.3	2270	330	16.3	
1300	5050	22.2C	7.5	4040	6.19	.41	29.62	.31	1.20	3.04	32.43	.01		--	2156	270	25.6	
					17	1	81	1	3	8	88	0						
	7-10	OTAY HU																
	7-10.A	OTAY VALLEY HA																
	18S/01W-32C01 S																	
12/06/84	0000	90.0F	8.0	2500	62	4.0	485	9.6	60	144	734	.0	1.7	1.3	1480	171	16.1	
1400	0000	32.2C	7.5	2720	3.09	.33	21.10	.22	1.20	3.00	20.70	.00		--	1475	111	21.7	
					12	1	85	1	5	12	83	0						
	18S/01W-32D01 S																	
12/06/84	0000	87 F	8.2	2200	50	.0	430	6.8	32	119	593	.0	2.0	2.6	1330	125	16.7	
1330	0000	31 C	7.8	2380	2.50	.00	18.71	.17	.64	2.39	16.47	.00		--	1278	93	16.0	
					12	0	88	1	3	11	86	0						
	18S/02W-22L02 S																	
12/03/84	5050	70.0F	7.2	1620	157	61	205	4.9	174	111	558	17.0	.1	.3	1380	642	3.5	X
1030	5050	21.1C	7.8	2240	7.83	5.02	8.92	.13	3.48	2.31	15.74	.27		--	1218	469	6.4	
					36	23	41	1	16	11	72	1						
	18S/02W-22N03 S																	
12/07/84	5050				176	83	288	4.0	210	167	670	134	.2	.6	1770	780	4.5	
1000	5050		7.9	2970	8.78	6.83	12.53	.10	4.20	3.48	18.89	2.16		--	1648	971	11.4	
					31	24	44	0	15	12	66	8						
	18S/02W-23G01 S																	
12/05/84	5050	70.0F	7.4	925	66	29	142	3.0	181	48	253	.2	.1	.4	712	284	3.7	X
1300	5050	21.1C	8.3	1280	3.29	2.38	6.18	.08	3.62	1.00	7.13	.00		--	650	103	7.8	
					28	20	52	1	31	9	61	0						
	15S/02W-23H02 S																	
12/05/84	5050	69.0F	6.8	570	30	12	63	9.6	76	62	79	18.0	.1	.2	421	124	2.5	E
1345	5050	20.5C	7.0	592	1.50	.99	2.74	.25	1.52	1.29	2.23	.29		--	319	49	3.6	T
					27	18	50	5	29	24	42	5						
	7-11	TIJUANA HU																
	7-11.A	TIJUANA VALLEY HA																
	7-11.A2	WATER TANKS HSA																
	18S/01W-26J01 S																	
05/29/85	5050			2200	79	1.0	430	4.6	22	85	736	.9	1.0	2.2	1400	201	13.2	
1300	5050		7.0	2570	3.94	.08	18.71	.12	.44	1.77	20.76	.01		--	1351	179	13.1	
					17	0	82	1	2	8	90	0						
	18S/01W-26L01 S																	
05/29/85	5050			1525	40	1.0	280	4.4	90	47	409	.5	.4	.4	902	104	11.9	
1130	5050		7.5	1580	2.00	.08	12.18	.11	1.80	.98	11.53	.01		--	836	14	16.4	
					14	1	85	1	13	7	81	0						
	18S/01W-26P01 S																	
05/29/85	5050			1550	18	9.0	300	4.1	74	41	435	1.6	.7	.4	805	66	18.1	
1030	5050		8.2	1620	.90	.41	13.05	.10	1.48	.85	12.27	.03		--	850	0	17.5	
					6	3	90	1	10	6	84	0						
	18S/01W-35M01 S																	
05/30/85	0000			10000	426	200	1820	28	280	543	3610	48.0	2.2	1.0	7380	1880	16.3	
1200	5050		7.6	11000	21.26	16.45	79.17	.73	5.59	11.31	101.80	.77		--	6846	1607	51.0	
					18	14	67	1	5	9	85	1						
	19S/01W-03D01 S																	
05/29/85	5050			525	36	3.0	76	19	37	170	37	28.0	.3	.6	378	102	3.3	
1700	5050		7.1	627	1.80	.25	3.31	.51	.74	3.54	1.04	.45		--	392	66	3.5	
					31	4	56	9	13	61	19	8						

MINOR ELEMENT ANALYSES OF GROUND WATER

Lab and Sampler Agency Code

1101 - Los Angeles County Flood Control District
5050 - California Department of Water Resources
5875 - Eastern Municipal Water District

Abbreviations

TIME	-	Pacific Standard Time on a 24-hour clock
EC	-	Electrical conductance in microsiemens at 25 o C
TEMP	-	Water temperature at time of sampling in degrees Fahrenheit (F) or Celsius (C)
pH	-	Measure of acidity or alkalinity of water
CHROM (ALL)	-	All Chromium
CHROM (HEX)	-	Hexavalent Chromium
D	-	Dissolved
T	-	Total

TABLE E-2

MINOR ELEMENT ANALYSES OF GROUND WATER

CONSTITUENTS IN MILLIGRAMS PER LITER

DATE TIME	SAMP LAB	EC	TEMP PH	ARSENIC	BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
			II LOS ANGELES HR							
			U-03 SANTA CLARA-CALLEGUAS HU							
			U-03.E UPPER SANTA CLARA RIVER HA							
			U-03.E1 EASTERN HSA							
			03N/15W-05D02 S							
03/07/85	1101		66.0F		--	--	--	--	--	--
1600	1101			--	--	--	2.10 D	0.012 0	--	--
			03N/16W-02R02 S							
03/18/85	1101		69.0F		--	--	--	--	--	--
0945	1101			--	--	--	0.030 D	0.012 0	--	--
			03N/16W-11H02 S							
03/21/85	1101		59.0F		--	--	--	--	--	--
	1101			--	--	--	0.13 D	0.012 0	--	--
			04N/14W-17H04 S							
03/07/85	1101		56.0F		--	--	--	--	--	--
1325	1101			--	--	--	0.30 D	0.012 0	--	--
			04N/15W-01E01 S							
03/07/85	1101		60.0F		--	--	--	--	--	--
1415	1101			--	--	--	0.360 D	0.012 0	--	--
			04N/15W-02J03 S							
03/07/85	1101		58.0F		--	--	--	--	--	--
1405	1101			--	--	--	0.030 D	0.012 0	--	--
			04N/15W-06N01 S							
03/12/85	1101		60.0F		--	--	--	--	--	--
1035	1101			--	--	--	0.030 D	0.012 0	--	--
			04N/15W-06P02 S							
03/21/85	1101		65.0F		--	--	--	--	--	--
0940	1101			--	--	--	0.030 D	0.012 0	--	--
			04N/15W-11R02 S							
03/07/85	1101		58.0F		--	--	--	--	--	--
1345	1101			--	--	--	0.036 D	0.012 0	--	--
			04N/15W-11N03 S							
03/12/85	1101		64.0F		--	--	--	--	--	--
1310	1101			--	--	--	0.030 D	0.012 0	--	--
			04N/15W-18N02 S							
03/21/85	1101		61.0F		--	--	--	--	--	--
1000	1101			--	--	--	0.030 D	0.012 0	--	--
			04N/15W-21M06 S							
03/21/85	1101		68.0F		--	--	--	--	--	--
	1101			--	--	--	0.030 D	0.012 0	--	--
			04N/15W-23F04 S							
03/21/85	1101				--	--	--	--	--	--
	1101			--	--	--	0.120 D	0.012 0	--	--
			04N/15W-26K01 S							
03/12/85	1101		60.0F		--	--	--	--	--	--
1410	1101			--	--	--	0.030 D	0.012 0	--	--
			04N/16W-12N02 S							
03/21/85	1101		63.0F		--	--	--	--	--	--
0945	1101			--	--	--	0.030 D	0.012 0	--	--
			04N/16W-14F02 S							
03/14/85	1101		62.0F		--	--	--	--	--	--
1145	1101			--	--	--	0.030 D	0.012 0	--	--
			04N/16W-15R01 S							
03/14/85	1101		64.0F		--	--	--	--	--	--
1155	1101			--	--	--	0.038 D	0.012 0	--	--
			04N/16W-22D02 S							
03/14/85	1101		68.0F		--	--	--	--	--	--
1200	1101			--	--	--	0.044 D	0.012 0	--	--
			04N/16W-22M01 S							
03/14/85	1101		54.0F		--	--	--	--	--	--
1140	1101			--	--	--	0.230 D	0.012 0	--	--
			04N/16W-27J03 S							
03/18/85	1101		68.0F		--	--	--	--	--	--
1315	1101			--	--	--	0.031 D	0.023 0	--	--
			04N/16W-34A01 S							
03/18/85	1101		68.0F		--	--	--	--	--	--
1330	1101			--	--	--	0.030 D	0.012 0	--	--

TABLE E-2 (CONTINUED)

MINOR ELEMENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAB	EC	TEMP PH	ARSENIC	BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
					CONSTITUENTS IN MILLIGRAMS PER LITER					
	U		LOS ANGELES HR							
	U-03		SANTA CLARA-CALLEGUAS HU							
	U-03.E		UPPER SANTA CLARA RIVER HA							
	U-03.E1		EASTERN MSA					CONTINUED		
	04N/16W-35K01 S									
03/14/85	1101		58.0F		--	--	--	--	--	--
1000	1101			--	--	--	0.030 D	0.012 D	--	--
	04N/16W-35L01 S									
03/19/85	1101		68.0F		--	--	--	--	--	--
0850	1101			--	--	--	0.030 D	0.012 D	--	--
	04N/16W-35M05 S									
03/18/85	1101		65.0F		--	--	--	--	--	--
1345	1101			--	--	--	0.030 D	0.012 D	--	--
	04N/16W-36M04 S									
03/21/85	1101		68.0F		--	--	--	--	--	--
	1101			--	--	--	0.030 D	0.012 D	--	--
	04N/17W-03K02 S									
03/20/85	1101		68.0F		--	--	--	--	--	--
1145	1101			--	--	--	0.030 D	0.012 D	--	--
	04N/17W-13C01 S									
03/20/85	1101		69.0F		--	--	--	--	--	--
0930	1101			--	--	--	0.030 D	0.012 D	--	--
	04N/17W-14D04 S									
03/20/85	1101		65.0F		--	--	--	--	--	--
0920	1101			--	--	--	0.030 D	0.012 D	--	--
	04N/17W-22E02 S									
03/20/85	1101		69.0F		--	--	--	--	--	--
0950	1101			--	--	--	0.03 D	0.012 D	--	--
	05N/14W-29P01 S									
03/12/85	1101		70.0F		--	--	--	--	--	--
1250	1101			--	--	--	0.045 D	0.012 D	--	--
	05N/15W-33E01 S									
03/12/85	1101		58.0F		--	--	--	--	--	--
1045	1101			--	--	--	0.074 D	0.012 D	--	--
	05N/16W-34P02 S									
03/20/85	1101		68.0F		--	--	--	--	--	--
1110	1101			--	--	--	0.030 D	0.012 D	--	--
	05N/16W-36B03 S									
03/12/85	1101		54.0F		--	--	--	--	--	--
1015	1101			--	--	--	0.044 D	0.012 D	--	--
	U-03.E4		SIERRA PELONA MSA							
	05N/13W-18R01 S									
03/12/85	1101		55.0F		--	--	--	--	--	--
1140	1101			--	--	--	0.030 D	0.085 D	--	--
	05N/14W-14F02 S									
03/07/85	1101		59.0F		--	--	--	--	--	--
1305	1101			--	--	--	0.030 D	0.012 D	--	--
	U-03.E5		ACTON MSA							
	04N/12W-02E02 S									
03/12/85	1101		50.0F		--	--	--	--	--	--
1130	1101			--	--	--	0.0140 D	0.037 D	--	--
	04N/12W-05G02 S									
03/07/85	1101		50.0F		--	--	--	--	--	--
1120	1101			--	--	--	0.068 D	0.032 D	--	--
	04N/13W-01C02 S									
03/07/85	1101		60.0F		--	--	--	--	--	--
1020	1101			--	--	--	0.036 D	0.012 D	--	--
	04N/13W-09N01 S									
03/07/85	1101		55.0F		--	--	--	--	--	--
1215	1101			--	--	--	0.030 D	0.012 D	--	--
	04N/13W-11L01 S									
03/07/85	1101		64.0F		--	--	--	--	--	--
1135	1101			--	--	--	0.030 D	0.012 D	--	--
	04N/13W-12C04 S									
03/07/85	1101		59.0F		--	--	--	--	--	--
1145	1101			--	--	--	0.030 D	0.012 D	--	--

TABLE E-2 (CONTINUED)

MINOR ELEMENT ANALYSES OF GROUND WATER

CONSTITUENTS IN MILLIGRAMS PER LITER

DATE TIME	SAMP LAB	EC	TEMP PH	ARSENIC	BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
		U	LOS ANGELES HA							
		U-03	SANTA CLARA-CALLEGUAS HU							
		U-03.E	UPPER SANTA CLARA RIVER HA							
		U-03.E5	ACTON HSA					CONTINUED		
		04N/13W-15A01 S								
03/07/85	1101		50.0F		--	--	--	--	--	--
1203	1101			--	--	--	0.030 D	0.012 D	--	--
		04N/14W-15H01 S								
03/12/85	1101		60.0F		--	--	--	--	--	--
1130	1101			--	--	--	0.030 D	0.012 D	--	--
		05N/12W-32F03 S								
03/07/85	1101		50.0F		--	--	--	--	--	--
1040	1101			--	--	--	0.030 D	0.012 D	--	--
		05N/13W-25C01 S								
03/07/85	1101		49.0F		--	--	--	--	--	--
1000	1101			--	--	--	0.062 D	0.012 D	--	--
		05N/13W-35A03 S								
03/12/85	1101		58.0F		--	--	--	--	--	--
1150	1101			--	--	--	0.036 D	0.012 D	--	--
		U-05	LA-SAN GABRIEL RIVER HU							
		U-05.A	COASTAL PLAIN HA							
		U-05.A5	CENTRAL HSA							
		01S/12W-05G01 S								
07/30/85	5050				--	--	--	--	--	--
1350				--	--	--	0.030 T	0.012 T	--	--
		U-05.C	RAYMOND HA							
		U-05.C1	PASADENA HSA							
		01N/11W-30D04 S								
08/12/85	1101				--	--	--	--	--	--
				--	--	--	0.000 T	0.012 T	--	--
		01N/11W-30H01 S								
08/23/85	1101				--	--	--	--	--	--
0700				--	--	--	0.030 T	0.012 T	--	--
		01N/11W-30J01 S								
05/03/85	5050				--	--	0.02 D	--	--	--
	5050			--	--	--	0.05 D	0.00 D	--	0.02 D
06/04/85	5050				--	--	0.02 D	--	--	--
	5050			--	--	--	0.05 D	0.00 D	--	0.09 D
		01N/12W-20R01 S								
04/25/85	5050				--	--	0.02 D	--	--	--
	5050			--	--	--	0.03 D	0.00 D	--	0.02 D
08/12/85	5050				--	--	--	--	--	--
1037				--	--	--	0.030 T	0.012 T	--	--
		01N/12W-21K01 S								
08/12/85	1101				--	--	--	--	--	--
1110				--	--	--	0.030 T	0.012 T	--	--
		01N/12W-25K01 S								
01/25/85	5050				--	--	0.00 D	--	--	--
1230	5050			--	--	--	0.00 D	0.01 D	--	0.49 D
		01N/12W-26A01 S								
04/30/85	5050				--	--	0.23 D	--	--	--
	5050			--	--	--	1.5 D	0.00 D	--	0.07 D
		01N/12W-28N01 S								
08/16/85	5050				--	--	--	--	--	--
1535				--	--	--	0.030 T	0.012 T	--	--
		01N/12W-34C01 S								
04/30/85	5050				--	--	0.01 D	--	--	--
	5050			--	--	--	0.13 D	0.00 D	--	0.02 D
		01N/12W-34E04 S								
01/25/85	5050				--	--	0.00 D	--	--	--
1330	5050			--	--	--	0.00 D	0.00 D	--	0.00 D
07/30/85	5050				--	--	--	--	--	--
				--	--	--	0.030 T	0.012 T	--	--
		01N/12W-34E14 S								
04/30/85	5050				--	--	0.01 D	--	--	--
	5050			--	--	--	0.01 D	0.01 D	--	0.01 D
		01N/12W-34N01 S								
01/25/85	5050				0.0 D	0.00 D	--	0.00 D	0.000 T	0.00 D
1000	5050			0.00 D	0.00 D	--	--	--	0.00 D	--
01/25/85	5050				--	--	0.00 D	--	--	--
1300	5050			--	--	--	0.00 D	0.00 D	--	0.02 D
07/31/85	5050				--	--	--	--	--	--
1315				--	--	--	0.030 T	0.012 T	--	--

TABLE E-2 (CONTINUED)

MINOR ELEMENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAB	EC	TEMP PH	ARSENIC	BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
				CONSTITUENTS IN MILLIGRAMS PER LITER						
	U		LOS ANGELES HA							
	U-05		LA-SAN GABRIEL RIVER HU							
	U-05.C		RAYMOND HA							
	U-05.C1		PASADENA HSA					CONTINUED		
	01N/12W-35R01 S									
07/31/85	5050				--	--	--	--	--	--
1000				--	--	--	0.030 T	0.012 T	--	--
	U-05.C2		MONK HILL HSA							
	01N/11W-21G02 S									
07/31/85	5050				--	--	--	--	--	--
0750				--	--	--	0.030 T	0.012 T	--	--
	01N/12W-05G01 S									
01/25/85	5050				--	--	0.00 D	--	--	--
1040	5050			--	--	--	0.03 D	0.00 D	--	0.08 D
	01N/12W-05N01 S									
05/01/85					0.1 D	0.00 D	--	0.00 D	0.000 T	0.00 D
	5050			0.00 D	0.00 D	--	--	--	0.00 D	--
	01N/12W-06M01 S									
06/04/85	5050				--	--	0.02 D	--	--	--
	5050			--	--	--	0.02 D	0.00 D	--	0.03 D
	01N/12W-06N06 S									
01/25/85	5050				0.0 D	0.00 D	--	0.01 D	0.030 T	0.00 D
1030	5050			0.00 D	0.00 D	--	--	--	0.00 D	--
07/30/85	5050				--	--	--	--	--	--
1435				--	--	--	0.030 T	0.012 T	--	--
	01N/12W-08N02 S									
01/25/85	5050				--	--	0.00 D	--	--	--
1120	5050			--	--	--	0.00 D	0.00 D	--	0.02 D
07/31/85	1101				--	--	--	--	--	--
0700				--	--	--	0.030 T	0.012 T	--	--
	01N/12W-09E01 S									
01/25/85					--	--	0.00 D	--	--	--
1100	5050			--	--	--	0.81 D	0.00 D	--	0.02 D
	01N/12W-09P01 S									
01/25/85	5050				--	--	0.00 D	--	--	--
1140	5050			--	--	--	0.17 D	0.00 D	--	0.01 D
06/05/85	5050				0.0 D	0.00 D	--	0.00 D	0.001 T	0.00 D
	5050			0.00 D	0.00 D	--	--	--	0.00 D	--
	U-05.C3		SANTA ANITA HSA							
	01N/11W-21C06 S									
01/25/85	5050				0.0 D	0.00 D	--	0.06 D	0.000 T	0.00 D
1020	5050			0.00 D	0.00 D	--	--	--	0.00 D	--
	U-05.D		SAN GABRIEL VALLEY HA							
	U-05.D1		MAIN SAN GABRIEL HSA							
	01N/09W-19K01 S									
07/31/85	1101		72.0F		--	--	--	--	--	--
0930				--	--	--	0.030 T	0.012 T	--	--
	01N/10W-34L01 S									
07/30/85	1101		63.0F		--	--	--	--	--	--
0940				--	--	--	0.030 T	0.012 T	--	--
	01N/11W-31R01 S									
08/15/85	1101		70.0F		--	--	--	--	--	--
1459				--	--	--	0.030 T	0.012 T	--	--
	01N/11W-34N03 S									
07/31/85	5050				--	--	--	--	--	--
0730				--	--	--	0.030 T	0.012 T	--	--
	01N/11W-35L01 S									
08/15/85	1101		64.0F		--	--	--	--	0.012 T	--
1056				--	--	--	0.030 T	--	--	--
	01S/09W-04J01 S									
08/28/85	1101		68.0F		--	--	--	--	--	--
				--	--	--	0.030 T	0.012 T	--	--
	01S/10W-07A06 S									
08/05/85	1101		56.0F		--	--	--	--	--	--
				--	--	--	0.030 T	0.012 T	--	--
	01S/10W-12P01 S									
08/01/85	5050				--	--	--	--	--	--
1335				--	--	--	0.030 T	0.012 T	--	--

TABLE E-2 (CONTINUED)

MINOR ELEMENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAB	EC	TEMP PH	ARSENIC	BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
				CONSTITUENTS IN MILLIGRAMS PER LITER						
	U U-05 U-05.0 U-05.01 01S/10W-19Q07 S		LOS ANGELES HA LA-SAN GARRIEL RIVER HU SAN GARRIEL VALLEY HA MAIN SAN GARRIEL HSA					CONTINUED		
08/05/85 1101			60.0F	--	-- --	-- --	-- 0.030 T	-- 0.012 T	-- --	-- --
	01S/10W-20B05 S									
08/01/85 5050 1445				--	-- --	-- --	-- 0.030 T	-- 0.012 T	-- --	-- --
	01S/10W-21F02 S									
08/20/85 1101 0816			69.0F	--	-- --	-- --	-- 0.030 T	-- 0.012 T	-- --	-- --
	01S/10W-31P05 S									
07/31/85 5050 0915				--	-- --	-- --	-- 0.030 T	-- 0.012 T	-- --	-- --
	01S/10W-32B01 S									
08/01/85 5050 1435				--	-- --	-- --	-- 0.030 T	-- 0.012 T	-- --	-- --
	01S/11W-02G02 S									
08/06/85 1101 0830				--	-- --	-- --	-- 0.030 T	-- 0.012 T	-- --	-- --
	01S/11W-02H01 S									
08/05/85 1101 0820				--	-- --	-- --	-- 0.030 T	-- 0.012 T	-- --	-- --
	01S/11W-06D02 S									
08/29/85 1101			69.0F	--	-- --	-- --	-- 0.030 T	-- 0.012 T	-- --	-- --
	01S/11W-07H02 S									
07/30/85 5050 1005				--	-- --	-- --	-- 0.030 T	-- 0.012 T	-- --	-- --
	01S/11W-10F02 S									
08/15/85 1101 1107			65.0F	--	-- --	-- --	-- 0.030 T	-- 0.012 T	-- --	-- --
	01S/11W-12J07 S									
08/05/85 1101				--	-- --	-- --	-- 0.030 T	-- 0.012 T	-- --	-- --
	01S/11W-15L02 S									
08/15/85 1101 1015			64.0F	--	-- --	-- --	-- 0.030 T	-- 0.012 T	-- --	-- --
	01S/11W-22R01 S									
08/15/85 1101 1212			65.0F	--	-- --	-- --	-- 0.030 T	-- 0.012 T	-- --	-- --
	01S/11W-25Q01 S									
08/05/85 1101			71.0F	--	-- --	-- --	-- 0.030 T	-- 0.012 T	-- --	-- --
	01S/11W-30F01 S									
08/06/85 1101 1115				--	-- --	-- --	-- 0.030 T	-- 0.012 T	-- --	-- --
	01S/11W-34F01 S									
08/28/85 1101			69.0F	--	-- --	-- --	-- 0.030 T	-- --	-- 0.012 T	-- --
	01S/12W-10E01 S									
07/30/85 5050				--	-- --	-- --	-- 0.030 T	-- 0.012 T	-- --	-- --
	01S/12W-13B01 S									
07/30/85 1101 0925				--	-- --	-- --	-- 0.030 T	-- 0.012 T	-- --	-- --
	01S/12W-24E04 S									
08/15/85 1101 1132			71.0F	--	-- --	-- --	-- 0.030 T	-- 0.012 T	-- --	-- --
	01S/12W-25R01 S									
08/06/85 1101 1055				--	-- --	-- --	-- 0.030 T	-- 0.012 T	-- --	-- --
	01S/12W-25R08 S									
08/06/85 1101 1125				--	-- --	-- --	-- 0.030 T	-- 0.012 T	-- --	-- --

TABLE E-2 (CONTINUED)

MINOR ELEMENT ANALYSES OF GROUND WATER

CONSTITUENTS IN MILLIGRAMS PER LITER

DATE TIME	SAMP LAB	EC	TEMP PH	ARSENIC	BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
	U		LOS ANGELES HB							
	U-03		LA-SAN GARRIEL RIVER HU							
	U-03.D		SAN GARRIEL VALLEY HA							
	U-05.01		MAIN SAN GARRIEL HSA					CONTINUED		
	02S/09W-18F02 S									
08/20/85 1101			66.0F		--	--	--	--	--	--
1229				--	--	--	0.030 T	0.012 T	--	--
	02S/09W-18N01 S									
08/20/85 1101			73.0F		--	--	--	--	--	--
1400				--	--	--	0.030 T	0.012 T	--	--
	02S/10W-08E02 S									
08/29/85 1101					--	--	--	--	--	--
				--	--	--	0.030 T	0.012 T	--	--
	02S/10W-13H02 S									
08/03/85 1101			72.0F		--	--	--	--	--	--
				--	--	--	0.030 T	0.012 T	--	--
	U-05.02		LOWER CANYON HSA							
	01N/10W-29K01 S									
08/13/85 1101			63.0F		--	--	--	--	--	--
0949				--	--	--	0.030 T	0.012 T	--	--
	U-03.03		UPPER CANYON HSA							
	01N/10W-23C01 S									
07/30/85 1101			61.0F		--	--	--	--	--	--
1015				--	--	--	0.030 T	0.012 T	--	--
	01N/10W-27C02 S									
07/30/85 1101			61.0F		--	--	--	--	--	--
0845				--	--	--	0.030 T	0.012 T	--	--
	U-05.E		SPADRA HA							
	U-03.E1		SAN JOSE WASH HSA							
	01S/09W-25D31 S									
08/20/85 1101			68.0F		--	--	--	--	--	--
1030				--	--	--	0.030 T	0.012 T	--	--
	01S/09W-26N31 S									
08/08/85 1101					--	--	--	--	--	--
				--	--	--	0.030 T	0.012 T	--	--
	U-03.E2		POMONA HSA							
	01S/08W-07G02 S									
07/30/85 1101			72.0F		--	--	--	--	--	--
1415				--	--	--	0.030 T	0.012 T	--	--
	01S/08W-10N01 S									
08/15/85 1101			68.0F		--	--	--	--	--	--
				--	--	--	0.030 T	0.012 T	--	--
	01S/09W-12R01 S									
08/02/85 5050					--	--	--	--	--	--
0800				--	--	--	0.030 T	0.012 T	--	--

TABLE E-2 (CONTINUED)

MINOR ELEMENT ANALYSES OF GROUND WATER

CONSTITUENTS IN MILLIGRAMS PER LITER

DATE TIME	SAMP LAB	EC	TEMP PH	ARSENIC	BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
	Y		SANTA ANA HA							
	Y-01		SANTA ANA RIVER HU							
	Y-01.R		MIDDLE SANTA ANA RIVER HA							
	Y-01.R1		CHINO HSA							
	01S/08W-10N07 S									
07/30/85 1101			64.0F		--	--	--	--	--	--
1350				--	--	--	0.030 T	0.012 T	--	--
	01S/08W-19A02 S									
08/28/85 1101			71.0F		--	--	--	--	--	--
				--	--	--	0.030 T	0.012 T	--	--
	01S/08W-28N01 S									
08/08/85 1101					--	--	--	--	--	--
				--	--	--	0.030 T	0.012 T	--	--
	01S/08W-32P09 S									
08/05/85 1101			70.0F		--	--	--	--	--	--
				--	--	--	0.030 T	0.012 T	--	--
	Y-01.83		CLAREMONT HSA							
	01S/08W-03A01 S									
07/30/85 1101			64.0F		--	--	--	--	--	--
1310				--	--	--	0.030 T	0.012 T	--	--
	01S/08W-03F03 S									
08/08/85 1101					--	--	--	--	--	--
				--	--	--	0.030 T	0.012 T	--	--
	Y-02		SAN JACINTO VALLEY HU							
	Y-02.8		SAN JACINTO HA							
	Y-02.81		GILMAN HOT SPRINGS HSA							
	05S/01W-01C01 S									
05/02/85 5875					0.1 T	--	0.1 T	--	--	--
0800	5875			--	--	--	0.6 T	0.1 T	--	0.1 T

MINOR ELEMENT ANALYSES OF GROUND WATER

CONSTITUENTS IN MILLIGRAMS PER LITER

DATE TIME	SAMP LAB	EC	TEMP PH	ARSENIC	BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
	Z		SAN DIEGO HA							
	Z-07		SAN DIEGO RIVER HU							
	Z-07.A		LOWER SAN DIEGO HA							
	Z-07.A3		EL CAJON HSA							
	16S/01W-12J01 S									
10/10/84 9050			73.0		--	--	--	--	--	--
1345		3000	7.0	--	--	--	0.03 0	--	--	--

TABLE E-3
MISCELLANEOUS ANALYSES OF GROUND WATER

Lab and Sampler Agency Codes

5050 - California Department of Water Resources

Abbreviations and Constituents

TIME	-	Pacific Standard Time on a 24-hour clock
L-pH	-	Lab determination of acidity or alkalinity of water
MBAS	-	Methylene blue active substance (a test for detergent surfactants) in milligrams per liter
T+L	-	Tannin and lignin as tannic acid in milligrams per liter
CHLOR	-	Field determination of residual chlorine in milligrams per liter
O+G	-	Oil and grease in milligrams per liter
COLOR	-	True color in color units
SET S	-	Settleable solids in milliliters per liter (ML/L) and milligrams per liter (MG/L)
BOD	-	Biochemical oxygen demand in milligrams per liter: B = 5 days
SUS S	-	Suspended solids in milligrams per liter; 5 = at 105 degrees C
COD	-	Chemical oxygen demand in milligrams per liter
V SUS S	-	Volatile suspended solids in milligrams per liter
CYANIDE	-	Cyanide in milligrams per liter
PHENOLS	-	Phenols in milligrams per liter
TOC	-	Total organic carbon in milligrams per liter
DOC	-	Dissolved organic carbon in milligrams per liter
IODIDE	-	Iodide in milligrams per liter
T ODOR	-	Threshold odor number at 60 degrees C
BROMIDE	-	Bromide in milligrams per liter
SULFITE	-	Sulfite in milligrams per liter
T SULF	-	Total sulfides in milligrams per liter
D SULF	-	Dissolved sulfides in milligrams per liter
CC EXT	-	Carbon chloroform extract
CA EXT	-	Carbon alcohol extract

TABLE E-3

MISCELLANEOUS ANALYSES OF GROUND WATER

DATE TIME	SAMP LAB		L-PH	MRAS	T+L CHLOR	D+G COLOR	SET S ML/L MG/L	BOD 5US S	COD V 5US S	CYANIDE PHENOLS	TOC DOC	IODIDE T DOOR	BROMIDE SULFITE	T SULF O SULF	CC EXT CA EXT
		U		LOS ANGELES HB											
		U-05		LA-SAN GABRIEL RIVER HU											
		U-05.C		RAYMOND HA											
		U-05.C1		PASADENA HSA											
		01N/11W-30J01 S													
05/03/85	5050				--	--	--	--	--	--	--	--	--	--	--
	5050		7.7	0.00 L	--	1	--	--	--	--	--	--	--	--	--
06/04/85	5050				--	--	--	--	--	--	--	--	--	--	--
	5050		8.1	0.01 L	--	1	--	--	--	--	--	--	--	--	--
		01N/12W-20B01 S													
04/25/55	5050				--	--	--	--	--	--	--	--	--	--	--
	5050		7.5	0.00 L	--	1	--	--	--	--	--	--	--	--	--
		01N/12W-25K01 S													
01/25/85	5050				--	--	--	--	--	--	--	--	--	--	--
1230	5050		8.1	0.00 L	--	1	--	--	--	--	--	--	--	--	--
		01N/12W-26A01 S													
04/30/85	5050				--	--	--	--	--	--	--	--	--	--	--
	5050		8.1	0.00 L	--	1	--	--	--	--	--	--	--	--	--
		01N/12W-34C01 S													
04/30/85	5050				--	--	--	--	--	--	--	--	--	--	--
	5050		8.1	0.00 L	--	1	--	--	--	--	--	--	--	--	--
		01N/12W-34E04 S													
01/25/85	5050				--	--	--	--	--	--	--	--	--	--	--
1330	5050		8.3	0.01 L	--	1	--	--	--	--	--	--	--	--	--
		01N/12W-34E14 S													
04/30/85	5050				--	--	--	--	--	--	--	--	--	--	--
	5050		8.0	0.00 L	--	2	--	--	--	--	--	--	--	--	--
		01N/12W-34N01 S													
01/25/85	5050				--	--	--	--	--	--	--	--	--	--	--
1300	5050		7.9	0.00 L	--	0	--	--	--	--	--	--	--	--	--
		U-05.C2		MONK HILL HSA											
		01N/12W-05G01 S													
01/25/85	5050				--	--	--	--	--	--	--	--	--	--	--
1040	5050		8.0	0.00 L	--	0	--	--	--	--	--	--	--	--	--
		01N/12W-06M06 S													
06/04/85	5050				--	--	--	--	--	--	--	--	--	--	--
	5050		7.7	0.02 L	--	0	--	--	--	--	--	--	--	--	--
		01N/12W-08H02 S													
01/25/85	5050				--	--	--	--	--	--	--	--	--	--	--
1120	5050		8.0	0.01 L	--	1	--	--	--	--	--	--	--	--	--
		01N/12W-09E01 S													
01/25/85	5050				--	--	--	--	--	--	--	--	--	--	--
1100	5050		8.2	0.00 L	--	1	--	--	--	--	--	--	--	--	--
		01N/12W-09R01 S													
01/25/85	5050				--	--	--	--	--	--	--	--	--	--	--
1140	5050		7.7	0.00 L	--	3	--	--	--	--	--	--	--	--	--

TABLE E-4
NUTRIENT ANALYSES OF GROUND WATER

Lab and Sampler Agency Code

1101	-	Los Angeles County Flood Control District
5050	-	California Department of Water Resources

Abbreviations

TIME	-	Pacific Standard Time on a 24-hour clock
TEMP	-	Water temperature at time of sampling in degrees Fahrenheit (F) or Celsius (C)
F EC	-	Field determination of electrical conductance in microsiemens at 25°C
F PH	-	Field determination of acidity or alkalinity
TURB	-	Jackson Turbidity Units measured with a Hach Nephelometer, (A), if in the field, (F)
F-C02	-	Field determination of carbon dioxide in milligrams per liter
P ALK	-	Field determination of alkalinity (phenol)
T ALK	-	Field determination of alkalinity (total)

(Nitrogen Series as N)

D N02+N03	-	Dissolved nitrite and nitrate
D N02	-	Dissolved nitrite
D NO3	-	Dissolved nitrate
D ORG N	-	Dissolved organic nitrogen
T ORG N	-	Total organic nitrogen
D NH 3	-	Dissolved ammonia
T NH 3	-	Total ammonia
T (NH3+ORG N)	-	Total ammonia plus organic nitrogen

(Phosphorus Series as P)

DIS.A.H.P04	-	Dissolved acid hydrolyzable phosphate
D O-P04	-	Dissolved orthophosphate
T O-P04	-	Total orthophosphate
D TOT P	-	Dissolved total phosphorus
T TOT P	-	Total phosphorus
REM	-	Remarks: code letter Z means that the value of the constituent is greater than the field limit, in which case all 9's will appear.

TABLE E-4

NUTRIENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAB	TEMP	F EC F PH	THRB F CO2	FIELD P ALK T ALK	D NO2 + NO3	CONSTITUENTS IN MILLIGRAMS PER LITER D NO2 D NO3	D ORG N T ORG N	D NH3 T NH3	T NH3 + ORG N	DIS A.H.PO4	D O-PO4 T O-PO4	D TOT P T TOT P
	U		LOS ANGELES HA										
	U-03		SANTA CLARA-CALLEGUAS HU										
	U-03.E		UPPER SANTA CLARA RIVER HA										
	U-03.F1		EASTERN HSA										
	03N/15W-05D02 S												
03/07/85	1101	66.0F				--	0.006	--	--		--	0.120	--
1600	1101						0.004	--	0.01	--		--	--
	03N/16W-02P02 S												
03/18/85	1101	69.0F				--	0.015	--	--		--	0.090	--
0945	1101						0.004	--	0.26	--		--	--
	03N/16W-11H02 S												
03/21/85	1101	59.0F				--	0.015	--	--		--	0.120	--
	1101						0.050	--	0.1	--		--	--
	04N/14W-17H04 S												
03/07/85	1101	60.0F				--	0.006	--	--		--	0.060	--
1325	1101						0.043	--	0.01	--		--	--
	04N/15W-01E01 S												
03/07/85	1101	60.0F				--	0.006	--	--		--	0.090	--
1415	1101						0.445	--	0.01	--		--	--
	04N/15W-02J03 S												
03/07/85	1101	58.0F				--	0.006	--	--		--	0.140	--
1405	1101						2.167	--	0.01	--		--	--
	04N/15W-06H01 S												
03/12/85	1101	60.0F				--	0.006	--	--		--	0.170	--
1035	1101						0.745	--	0.01	--		--	--
	04N/15W-06P02 S												
03/21/85	1101	65.0F				--	0.006	--	--		--	0.140	--
0940	1101						0.971	--	0.01	--		--	--
	04N/15W-11R02 S												
03/07/85	1101	59.0F				--	0.066	--	--		--	0.190	--
1345	1101						0.519	--	0.01	--		--	--
	04N/15W-11N03 S												
03/12/85	1101	64.0F				--	0.006	--	--		--	0.170	--
1310	1101						0.881	--	0.01	--		--	--
	04N/15W-18N02 S												
03/21/85	1101	61.0F				--	0.006	--	--		--	0.150	--
1000	1101						0.903	--	0.01	--		--	--
	04N/15W-21M06 S												
03/21/85	1101	68.0F				--	0.006	--	--		--	0.170	--
	1101						1.310	--	0.01	--		--	--
	04N/15W-23F04 S												
03/21/85	1101					--	0.006	--	--		--	0.180	--
	1101						0.429	--	0.01	--		--	--
	04N/15W-26K01 S												
03/12/85	1101	63.0F				--	0.015	--	--		--	--	--
1410	1101						0.790	--	0.01	--		--	--
	04N/16W-12N02 S												
03/21/85	1101	63.0F				--	0.006	--	--		--	0.140	--
0945	1101						1.083	--	0.01	--		--	--
	04N/16W-14E02 S												
03/14/85	1101	62.0F				--	0.006	--	--		--	0.140	--
1145	1101						1.648	--	0.01	--		--	--
	04N/16W-15R01 S												
03/14/85	1101	64.0F				--	0.006	--	--		--	0.160	--
1155	1101						0.767	--	0.01	--		--	--
	04N/16W-22D02 S												
03/14/85	1101	68.0F				--	0.006	--	--		--	0.170	--
1200	1101						0.880	--	0.01	--		--	--
	04N/16W-22M01 S												
03/14/85	1101	64.0F				--	0.006	--	--		--	0.120	--
1140	1101						0.384	--	0.01	--		--	--
	04N/16W-27J03 S												
03/18/85	1101	68.0F				--	0.015	--	--		--	0.10	--
1315	1101						1.152	--	0.01	--		--	--
	04N/16W-34A01 S												
03/18/85	1101	68.0F				--	0.015	--	--		--	0.110	--
1330	1101						0.122	--	0.01	--		--	--

TABLE E-4 (CONTINUED)

NUTRIENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAB	TEMP	F EC F PH	TURB F CO2	FIELD P ALK T ALK	D NO2 + NO3	CONSTITUENTS IN MILLIGRAMS PER LITER D NO2 D NO3	D ORG N T ORG N	D NH3 T NH3	T NH3 + ORG N	OIS A.H.PO4	D O-PO4 T O-PO4	D TOT P T TOT P	REM
	U		LOS ANGELES NA											
	U-03		SANTA CLARA-CALLEGUAS HU											
	U-03.F		UPPER SANTA CLARA RIVER NA											
	U-03.E1		EASTERN HSA						CONTINUED					
	04N/16W-35K01 S													
03/14/85	1101	58.0F				--	0.006	--	--		--	0.230	--	
1000	1101						1.264	--	0.01	--		--	--	
	04N/16W-35L01 S													
03/19/85	1101	68.0F				--	0.015	--	--		--	0.130	--	
0850	1101						0.205	--	0.01	--		--	--	
	04N/16W-35M05 S													
03/18/85	1101	65.0F				--	0.015	--	--		--	0.130	--	
1345	1101						0.430	--	0.01	--		--	--	
	04N/16W-36M04 S													
03/21/85	1101	68.0F				--	0.006	--	--		--	0.120	--	
	1101						0.723	--	0.13	--		--	--	
	04N/17W-03K02 S													
03/20/85	1101	68.0F				--	0.015	--	--		--	0.10	--	
1145	1101						0.564	--	0.01	--		--	--	
	04N/17W-13C01 S													
03/20/85	1101	69.0F				--	0.015	--	--		--	0.10	--	
0930	1101						0.745	--	0.01	--		--	--	
	04N/17W-14D04 S													
03/20/85	1101	65.0F				--	0.015	--	--		--	0.070	--	
0920	1101						0.190	--	0.01	--		--	--	
	04N/17W-22E02 S													
03/20/85	1101	69.0F				--	0.015	--	--		--	0.1	--	
0950	1101						0.474	--	0.01	--		--	--	
	05N/14W-29P01 S													
03/12/85	1101	70.0F				--	0.006	--	--		--	0.210	--	
1250	1101						1.44	--	0.05	--		--	--	
	05N/15W-33E01 S													
03/12/85	1101	58.0F				--	0.006	--	--		--	0.130	--	
1045	1101						0.140	--	0.01	--		--	--	
	05N/16W-34P02 S													
03/20/85	1101	68.0F				--	0.015	--	--		--	0.100	--	
1110	1101						0.190	--	0.01	--		--	--	
	05N/16W-36R03 S													
03/12/85	1101	54.0F				--	0.006	--	--		--	0.100	--	
1015	1101						0.108	--	0.01	--		--	--	
	U-03.E4		SIERRA PELONA HSA											
	05N/13W-18R01 S													
03/12/85	1101	55.0F				--	0.006	--	--		--	0.10	--	
1140	1101						0.338	--	0.01	--		--	--	
	05N/14W-14F02 S													
03/07/85	1101	59.0F				--	0.006	--	--		--	0.120	--	
1505	1101						8.806	--	0.01	--		--	--	
	U-03.E5		ACTON HSA											
	04N/12W-02E02 S													
03/12/85	1101	50.0F				--	0.006	--	--		--	0.130	--	
1130	1101						0.406	--	0.01	--		--	--	
	04N/12W-05G02 S													
03/07/85	1101	50.0F				--	0.006	0.150	--		--	--	--	
1120	1101						2.122	--	0.01	--		--	--	
	04N/13W-01C02 S													
03/07/85	1101	60.0F				--	0.006	--	--		--	0.170	--	
1020	1101						0.496	--	0.01	--		--	--	
	04N/13W-09N01 S													
03/07/85	1101	55.0F				--	0.006	--	--		--	0.180	--	
1215	1101						0.203	--	0.01	--		--	--	
	04N/13W-11L01 S													
03/07/85	1101	64.0F				--	0.006	--	--		--	0.180	--	
1135	1101						0.451	--	0.01	--		--	--	
	04N/13W-12C04 S													
03/07/85	1101	59.0F				--	0.006	--	--		--	0.220	--	
1145	1101						0.216	--	0.01	--		--	--	

TABLE E-4 (CONTINUED)

NUTRIENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAB	TEMP	F EC F PH	TURB F CO2	FIELD P ALK T ALK	D NO2 + NO3	D NO2 D NO3	CONSTITUENTS IN MILLIGRAMS PER LITER D ORG N T ORG N	D NH3 T NH3	T NH3 + ORG N	OIS A.N.PO4	D O-PO4 T O-PO4	D TOT P T TOT P
	U		LOS ANGELES HR										
	U-03		SANTA CLARA-CALLEGUAS HU										
	U-03.E		UPPER SANTA CLARA RIVER HA										
	U-03.E5		ACTON HSA						CONTINUED				
	04N/13W-15A01 S												
03/07/85 1101		50.0F				--	0.006	--	--		--	0.180	--
1203 1101							0.185	--	0.01	--		--	--
	04N/14W-15N01 S												
03/12/85 1101		60.0F				--	0.006	--	--		--	0.180	--
1130 1101							0.293	--	0.01	--		--	--
	05N/12W-32F03 S												
03/07/85 1101		50.0F				--	0.006	--	--		--	0.150	--
1040 1101							0.609	--	0.01	--		--	--
	05N/13W-25C01 S												
03/07/85 1101		49.0F				--	0.006	--	--		--	0.09	--
1000 1101							0.812	--	0.03	--		--	--
	U-05		LA-SAN GABRIEL RIVER HU										
	U-05.A		COASTAL PLAIN HA										
	U-05.A5		CENTRAL HSA										
	01S/12W-05G01 S												
07/30/85 5050						--	--	--	--		--	--	--
1350							--	--	--	--		--	--
	U-05.C		RAYMOND HA										
	U-05.C1		PASADENA HSA										
	01N/11W-30D04 S												
08/12/85 1101						--	10.0	--	--		--	--	--
							5.3	--	--	--		50.0	--
	01N/11W-30H01 S												
08/23/85 1101						--	50.0	--	--		--	--	--
0700							4.3	--	--	--		0.40	--
	01N/12W-20R01 S												
08/12/85 5050						--	--	--	--		--	--	--
1037							--	--	--	--		0.150	--
	01N/12W-21K01 S												
08/12/85 1101						--	10.0	--	--		--	--	--
1110							7.90	--	--	--		0.05	--
	01N/12W-28N01 S												
08/16/85 5050						--	20.0	--	--		--	--	--
1535							0.260	--	--	--		50.0	--
	01N/12W-34F04 S												
07/30/85 5050						--	0.050	--	--		--	--	--
							9.30	--	--	--		50.0	--
	01N/12W-34N01 S												
07/31/85 5040						--	0.120	--	--		--	--	--
1315							19.0	--	--	--		50.0	--
	01N/12W-35R01 S												
07/31/85 5050						--	10.0	--	--		--	--	--
1000							8.60	--	--	--		0.070	--
	U-05.C2		MONK HILL HSA										
	01N/11W-21G02 S												
07/31/85 5050						--	10.0	--	--		--	--	--
0750							1.20	--	--	--		0.06	--
	01N/12W-05M06 S												
07/30/85 5050						--	0.370	--	--		--	--	--
1435							11.0	--	--	--		0.160	--
	01N/12W-08H02 S												
07/31/85 1101						--	--	--	--		--	--	--
0700							--	--	--	--		--	--
	U-05.D		SAN GABRIEL VALLEY HA										
	U-05.D1		MAIN SAN GABRIEL HSA										
	01N/09W-19K01 S												
07/31/85 1101		72.0F				--	--	--	--		--	--	--
0930							--	--	--	--		0.070	--
	01N/10W-34L01 S												
07/30/85 1101		63.0F				--	--	--	--		--	--	--
0940							--	--	--	--		50.0	--
	01N/11W-31P01 S												
08/15/85 1101		70.0F				--	--	--	--		--	--	--
1459							--	--	--	--		50.0	--

TABLE E-4 (CONTINUED)

NUTRIENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAB	TEMP	F EC F PH	TURB F CO2	FIELD P ALK T ALK	O NO2 + NO3	D NO2 D NO3	CONSTITUENTS IN MILLIGRAMS PER LITER O ORG N T ORG N	D NH3 T NH3	T NH3 + ORG N	D1S A.W.PO4	O O-PO4 T O-PO4	D TOT P T TOT P
	U		LOS ANGELES HR										
	U-05		LA-SAN GABRIEL RIVER HU										
	U-05.D		SAN GABRIEL VALLEY HA										
	U-05.D1		MAIN SAN GABRIEL HSA						CONTINUED				
	01N/11W-34N03 S												
07/31/85 5050						--	10.0	--	--		--	--	--
0730							7.40	--	--	--		0.080	--
	01N/11W-35L01 S												
08/15/85 1101		64.0F				--	--	--	--		--	--	--
1056							--	--	--	--		0.060	--
	01S/09W-04J01 S												
08/28/85 1101		68.0F				--	--	--	--		--	--	--
							--	--	--	--		50.0	--
	01S/10W-07A06 S												
08/05/85 1101		56.0F				--	--	--	--		--	--	--
							--	--	--	--		--	--
	01S/10W-12R01 S												
08/01/85 5050						--	--	--	--		--	--	--
1335							--	--	--	--		--	--
	01S/10W-19Q01 S												
08/05/85 1101						--	--	--	--		--	--	--
							--	--	--	--		--	--
	01S/10W-20R05 S												
08/01/85 5050						--	--	--	--		--	--	--
1445							--	--	--	--		--	--
	01S/10W-21F02 S												
08/20/85 1101		69.0F				--	--	--	--		--	--	--
0816							--	--	--	--		--	--
	01S/10W-31P05 S												
07/31/85 5050						--	--	--	--		--	--	--
0915							--	--	--	--		--	--
	01S/11W-02G02 S												
08/06/85 1101						--	--	--	--		--	--	--
0830							--	--	--	--		--	--
	01S/11W-02N01 S												
08/05/85 1101						--	--	--	--		--	--	--
0820							--	--	--	--		--	--
	01S/11W-06Q02 S												
08/29/85 1101						--	--	--	--		--	--	--
							--	--	--	--		--	--
	01S/11W-07H02 S												
07/30/85 5050						--	--	--	--		--	--	--
1005							--	--	--	--		--	--
	01S/11W-10F02 S												
08/15/85 1101						--	--	--	--		--	--	--
1107							--	--	--	--		--	--
	01S/11W-12J07 S												
08/05/85 1101						--	--	--	--		--	--	--
							--	--	--	--		--	--
	01S/11W-15L02 S												
08/15/85 1101		64.0F				--	--	--	--		--	--	--
1015							--	--	--	--		--	--
	01S/11W-22R01 S												
08/15/85 1101		65.0F				--	--	--	--		--	--	--
1212							--	--	--	--		--	--
	01S/11W-25Q01 S												
08/05/85 1101		71.0F				--	--	--	--		--	--	--
							--	--	--	--		--	--
	01S/11W-30F01 S												
08/06/85 1101						--	--	--	--		--	--	--
1115							--	--	--	--		--	--
	01S/11W-34F01 S												
08/28/85 1101		69.0F				--	--	--	--		--	--	--
							--	--	--	--		--	--
	01S/12W-10E01 S												
07/30/85 5050						--	--	--	--		--	--	--
							--	--	--	--		--	--

TABLE E-4 (CONTINUED)

NUTRIENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAB	TEMP	F EC F PH	TURB F CO2	FIELD P ALK T ALK	D NO2 + NO3	D NO2 D NO3	CONSTITUENTS IN MILLIGRAMS PER LITER D ORG N T ORG N	O NH3 T NH3	T NH3 + ORG N	DIS A.H.PO4	D O-PO4 T O-PO4	D TOT P T TOT P
	U		LOS ANGELES HA										
	U-05		LA-SAN GABRIEL RIVER HU										
	U-05.D		SAN GABRIEL VALLEY HA										
	U-05.D1		MAIN SAN GABRIEL HSA										
	01S/12W-24E04 S							CONTINUED					
08/15/85 1101		71.0F				--	--	--	--		--	--	--
1132							--	--	--	--		--	--
	01S/12W-25R01 S												
09/06/85 1101						--	--	--	--		--	--	--
1055							--	--	--	--		--	--
	01S/12W-25R0E S												
08/06/85 1101						--	--	--	--		--	--	--
1125							--	--	--	--		--	--
	02S/09W-18F02 S												
08/20/85 1101		66.0F				--	--	--	--		--	--	--
1225							--	--	--	--		--	--
	02S/09W-18N01 S												
08/20/85 1101		73.0F				--	--	--	--		--	--	--
1400							--	--	--	--		--	--
	02S/10W-08E02 S												
08/29/85 1101						--	--	--	--		--	--	--
							--	--	--	--		--	--
	02S/10W-13H02 S												
08/05/85 1101		72.0F				--	--	--	--		--	--	--
							--	--	--	--		--	--
	U-05.02		LOWER CANYON HSA										
	01N/10W-29K01 S												
08/15/85 1101		63.0F				--	--	--	--		--	--	--
0945							--	--	--	--		50.0	--
	U-05.03		UPPER CANYON HSA										
	01N/10W-23C01 S												
07/30/85 1101		61.0F				--	--	--	--		--	--	--
1015							--	--	--	--		0.02	--
	01N/10W-27C02 S												
07/30/85 1101		61.0F				--	--	--	--		--	--	--
0845							--	--	--	--		0.13	--
	U-05.04		FOOTHILL HSA										
	01N/08W-19L01 S												
07/30/85 5050		70.0F				--	50.0	--	--		--	--	--
1230							22.0	--	0.0	--		0.050	--
	U-05.E		SPADRA HA										
	U-05.E1		SAN JOSE WASH HSA										
	01S/09W-25D01 S												
08/20/85 1101		68.0F				--	--	--	--		--	--	--
1030							--	--	--	--		--	--
	01S/09W-26H01 S												
08/08/85 1101						--	--	--	--		--	--	--
							--	--	--	--		--	--
	U-05.E2		POMONA HSA										
	01S/08W-07G02 S												
07/30/85 1101		72.0F				--	--	--	--		--	--	--
1415							--	--	--	--		50.0	--
	01S/08W-10N01 S												
08/15/85 1101		68.0F				--	--	--	--		--	--	--
							--	--	--	--		50.0	--
	01S/09W-17P01 S												
08/02/85 5050						--	0.240	--	--		--	--	--
0800							15.0	--	--	--		50.0	--

TABLE E-4 (CONTINUED)

NUTRIENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAB	TEMP	F EC F PH	FIELD THRR F CO2	FIELD P ALK T ALK	D NO2 + NO3	D NO2 D NO3	CONSTITUENTS IN MILLIGRAMS PER LITER D ORG N T ORG N	D NH3 T NH3	T NH3 + ORG N	DIS A.H.PO4	D O-PO4 T O-PO4	D TOT P T TOT P
	Y				SANTA ANA HR								
	Y-01				SANTA ANA RIVER HH								
	Y-01.R				MIDDLE SANTA ANA RIVER HA								
	Y-01.R1				CHINO HSA								
	01S/08W-10N07 S												
07/30/85 1101		64.0F				--	--	--	--		--	--	--
1350							--	--	--	--		50.0	--
	01S/08W-19A02 S												
08/28/85 1101		71.0F				--	--	--	--		--	--	--
							--	--	--	--		50.0	--
	01S/08W-28N01 S												
08/08/85 1101						--	10.0	--	--		--	--	--
							17.0	--	--	--		50.0	--
	01S/08W-32P05 S												
08/05/85 1101		70.0F				--	--	--	--		--	--	--
							--	--	--	--		0.070	--
	Y-01.R3				CLAREMONT HSA								
	01S/08W-03A01 S												
07/30/85 1101		64.0F				--	--	--	--		--	--	--
1310							--	--	--	--		50.0	--
	01S/08W-03F03 S												
08/08/85 1101						--	10.0	--	--		--	--	--
							4.0	--	--	--		50.0	--

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County	District Office
Butte, Colusa, Del Norte, Glenn, Humboldt, Lake, Lassen, Modoc, Plumas, Shasta, Siskiyou, Tehama, and Trinity	Northern District P. O. Box 607 2440 Main Street Red Bluff, CA 96080 (916) 527-6530
Alameda, Alpine, Amador, Calaveras, Contra Costa, El Dorado, Marin, Mendocino, Mono (North), Napa, Nevada, Placer, Sacramento, San Francisco, San Joaquin, San Mateo, Santa Clara, Sierra, Solano, Sonoma, Sutter, Tuolumne, Yolo, and Yuba	Central District 3521 "S" Street Sacramento, CA 95816-7017 (916) 445-6831
Fresno, Kern (valley), Kings, Madera, Mariposa, Merced, Monterey, San Benito, Santa Cruz, Stanislaus, and Tulare	San Joaquin District 3374 East Shields Avenue Fresno, CA 93726-6990 (209) 445-5443
Imperial, Inyo, Kern (desert), Los Angeles, Orange, Riverside, Mono (South), San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura	Southern District P. O. Box 6598 849 South Broadway, Suite 500 Los Angeles, CA 90055-1598 (213) 620-4107

Inquiries regarding statewide data should be directed to the Division of Planning:

Department of Water Resources
Division of Planning
Statewide Data Coordinator
P. O. Box 942836
Sacramento, CA 94236-0001
(916) 445-7314

State of California—Resources Agency
Department of Water Resources
P.O. Box 942836
Sacramento CA 94236-0001

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