

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

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HARVEY O. BANKS, Director of Water Resources
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REPORT ON
WATERMASTER SERVICE
IN
SEIAD CREEK WATERMASTER SERVICE AREA
SISKIYOU COUNTY, CALIFORNIA
1956 SEASON

Sacramento, California
April, 1957

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SUBMISSION TO, AND ADOPTION BY
DEPARTMENT OF WATER RESOURCES
STATE OF CALIFORNIA

I William R. Gianelli, Chief, Water Rights Section, Department of Water Resources of the State of California, approve this "Report on Watermaster Service in Seiad Creek Watermaster Service Area, Siskiyou County, California, 1956 Season".

/s/ William R. Gianelli

William R. Gianelli
Chief, Water Rights Section

I, Harvey O. Banks, Director of the Department of Water Resources, of the State of California, approve and adopt this "Report on Watermaster Service in Seiad Creek Watermaster Service Area, Siskiyou County, California, 1956 Season", as a report of the Department of Water Resources.

WITNESS my hand and seal of the Department of Water Resources of the State of California, this _____ day of April.

State of California
Department of Water Resources

/s/ Harvey O. Banks

HARVEY O. BANKS
Director

(SEAL)

ORGANIZATION
DEPARTMENT OF WATER RESOURCES

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INTRODUCTION

This is the sixth annual report on watermaster service in the Seiad Creek Watermaster Service Area, and covers the period of water distribution in 1956 beginning July 1 and terminating September 30.

The service area was created by order of the Division of Water Resources on November 6, 1950 to include all water rights as determined by the decree entered in the Seiad Creek Adjudication proceeding on April 3, 1950, Superior Court, Siskiyou County, No. 13774. Watermaster service has been provided during each irrigation season since the service area was created, and annual reports have been prepared to show the work accomplished during each season.

The report is presented under four headings as follows: Introduction, Water Supply, Distribution of Water, and Changes in Ownership of Lands and Water Rights. Following the text are tables presenting precipitation data at Happy Camp and water supply records within the area.

WATER SUPPLY

Precipitation

Data on precipitation as compiled from records of the United States Weather Bureau Station at Happy Camp are presented in Table 1.

Annual precipitation at this station for the period from October 1, 1955 to September 30, 1956, was about 177.6 per cent of the

mean. It is assumed that the 1955-1956 precipitation for the Seiad Valley area has the same relationship to normal precipitation as does the Happy Camp Station.

Stream Flow

An automatic water stage recorder was installed on Seiad Creek above all diversions on July 23 to provide a continuous record of stream discharge. Daily mean discharge of Seiad Creek at this station is tabulated in Table 2. An automatic water stage recorder, which is usually installed at the $2\frac{1}{2}$ foot weir in the Grant Lowden Ditch (Diversions 10) on the W. R. Shadburne property, was not installed during the 1956 season. The lower Grant Lowden Ditch (Diversions 12) was not operated during the 1956 season, thereby increasing the supply to Diversion 10, and making a continuous record of this diversion unnecessary.

DISTRIBUTION OF WATER

The water rights from Seiad Creek stream system are grouped in two divisions in the Seiad Creek decree. The divisions and the schedules defining the water rights in the decree are as follows:

Seiad Creek	Schedule 3
Canyon Creek	Schedule 4

Seiad Creek

There was sufficient water to satisfy all demands during the entire irrigation season.

Had all water rights been exercised throughout the season a shortage of water would have been encountered. However, since no water

was diverted into and no land was irrigated from the Upper Chace Ditch (Diversión 2), Upper Lowden Ditch (Diversión 5), Middle Rainey Ditch (Diversión 6), Smith Ditch (Diversión 11) and the Lower Grant Lowden Ditch (Diversión 12), the demand for water was considerably lower than the amount indicated in the decree.

Canyon Creek

The available water supply was sufficient to supply all demands throughout the season.

CHANGES IN OWNERSHIP OF LANDS AND WATER RIGHTS

Tract no.	Name of water right owner appearing in 1956 statement	Name of water right owner to appear in 1957 statement	Amount of water, in second-feet
15-6	Simmins, Wally	Simning, Wallace and Lens Mary	0.02
15-6-2	Simmins, Wally	Buckley, Nina	0.02
15-5	Robinson, Glenn S.	Robinson, Walter W., Sr.	0.06

TABLE 1

PRECIPITATION AT HAPPY CAMP,
SISKIYOU COUNTY, CALIFORNIA
1955-1956

In Inches

Month	Normal precipitation	Precipitation 1955 - 1956
October	3.40	2.29
November	6.81	11.27
December	8.63	25.05
January	8.05	21.56
February	7.25	12.58
March	5.34	3.50
April	2.63	.51
May	1.71	2.27
June	.83	.76
July	.35	.56
August	.12	.23
September	.67	.69
TOTAL	45.79	81.27

TABLE 2

DAILY MEAN DISCHARGE OF SELAD CREEK ABOVE ALL DIVERSIONS

July 29 to August 31, 1956

In Cubic Feet per Second

Day	July	August
1	N	5.2
2	O	5.2
3		5.0
4	R	5.0
5	E	5.0
6	C	5.0
7	O	4.8
8	R	4.6
9	D	4.6
10		4.6
11		4.6
12		4.6
13		4.4
14		4.2
15		4.2
16		4.0
17		4.0
18		4.0
19		3.8
20		3.8
21		3.8
22		3.6
23	6.0	3.6
24	6.3	3.6
25	6.7	4.0
26	7.1	4.0
27	6.8	3.8
28	6.0	3.6
29	5.8	3.6
30	5.2	3.6
31	5.2	3.6
Mean	6.1	4.2
Runoff in acre-feet	110 ^a	260

Total for period - 370 acre-feet

a - 9-day period