

Scott River / Valley Excerpts

STATE OF CALIFORNIA
The Resources Agency
Department of Water Resources

BULLETIN No. 130-66

HYDROLOGIC DATA: 1966

Volume I: NORTH COASTAL AREA

Water Quality - SW & GW

Ppt

GW levels

JANUARY 1968

RONALD REAGAN
Governor
State of California

WILLIAM R. GIANELLI
Director
Department of Water Resources

TABLE A-2
PRECIPITATION DATA
NORTH COASTAL AREA

Station Name	Total July 1 To June 30	Precipitation in Inches												Total Oct. 1 To Sept. 30			
		1965						1966									
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June		July	Aug.	Sept.
NORTH COASTAL AREA																	
SOUTH RIVER																	
CRESCENT CITY 1E	64.03	.02	.85	.05	2.01	13.01	10.92	15.46	5.68	12.09	2.16	.23	1.49	.55	.63	3.66	67.95
CRESCENT CITY 1E	84.32	.09	.87	.00	2.41	13.49	16.78	23.75	7.01	14.92	3.51	.32	1.17	.56	.66	3.32	67.90
CRESCENT CITY 1E	—	.00	.86	.00	1.73	13.33	11.11	—	5.55	12.04	2.02	.13	1.38	.46	.45	3.59	—
CRESCENT CITY 1E	107.80	.08	1.18	.00	3.23	15.43	21.78	31.92	8.55	20.95	3.80	.15	1.73	.00	.53	2.49	109.56
ILK VALLEY	76.91	.19	2.63	.00	2.61	11.75	15.54	23.15	4.71	12.97	2.93	.03	.35	.34	.21	1.93	76.57
FORT DICK LINE	77.90	.05	.93	T	2.58	15.24	15.03	19.00	5.50	14.33	2.94	.33	1.97	.13	.75	3.95	82.05
GASNET RANGER STA	96.14	.03	1.39	.00	3.24	14.59	18.03	28.32	7.61	17.94	3.72	.38	.59	.30	.73	2.42	98.27
INLEND HUS	76.39	.08	2.31	.00	2.48	11.04	15.90	21.82	5.48	13.98	2.80	.15	.35	.30	.31	1.04	76.55
SOUTH RIVER 2E	74.22	.01	1.05	.00	2.54	15.01	13.63	16.82	5.98	13.46	2.91	.13	2.66	.36	.62	4.48	76.62
LAST RIVER-BUTTE VAL																	
DOHRIC INSPECT STA	9.64	.05	1.63	.00	.04	2.99	1.14	.94	.13	.54	.56	.67	.65	.17	1.78	.34	10.25
GRAND LAKE 1E	—	.00	2.35	T	.10	4.27	1.71	1.00	.69	.83	.36	.86	.93	.18	.37	.40	10.53
LAVA BEDS NAT MON	11.15	.36	1.33	.08	.05	3.32	1.44	.23	.33	.38	.36	1.00	.69	.11	.93	.55	14.34
MOUNT HERON R S	10.42	.91	1.74	.02	.00	2.76	.85	.82	.33	.36	.29	.58	.69	.21	.51	.55	7.33
TULLEANE	8.26	.07	1.90	.03	.06		.69	.60	.23								
TULLEANE INSPECT STA	10.71	.72	1.44	T	T	2.75	1.20	.95	1.19	.77	.59	.38	.72	.13	.09	.20	8.97
WILLOW CREEK RANCH	—	.00	2.64	.00	.07	2.46	—	1.52	.15	1.14	1.01	.08	.86	.33	.00	—	—
GRAND-SCOTT VALLEYS																	
BIG SPRINGS 1E	6.28	.09	1.33	.00	.00	1.83	.69	.73	.25	.50	.18	.30	.18	.03	.00	.45	5.34
CALLAWAY RANGER STA	15.54	T	1.33	.08	.04	4.83	3.06	2.76	.60	.78	.77	1.12	.17	T	.21	1.08	15.42
FWA	18.79	.00	1.11	.16	.12	2.42	3.37	7.72	.16	1.52	.93	1.68	.20	.00	.04	1.01	18.57
FORT JONES CREEK	15.64	.00	1.64	.52	.11	1.93	2.37	4.73	.46	1.83	.67	.73	.85	.01	.12	.94	15.35
FORT JONES RANGER S	19.50	.61	2.61	.33	.04	2.25	2.99	6.52	.51	1.81	.74	.78	.33	.13	.03	1.59	17.70
GAZELLE EPHEON	8.87	.60	1.55	.00	.05	1.74	.69	1.80	.00	.82	.31	.94	.32	.12	.18	1.12	8.44
GASNET TUCKER	7.48	.31	1.28	.09	.00	1.68	.77	.99	.03	.76	.31	.76	.58	.05	.05	.90	6.84
GREENVIEW	—	.00	1.91	.00	—	1.76	5.00	6.53	.16	1.74	.70	2.92	.10	.06	.03	.84	—
LITTLE SLAUGHT	9.42	.00	1.60	.00	.00	1.77	.87	1.50	.50	1.20	.45	.65	.58	1.00	.30	.80	9.42
MARSHVILLE	9.95	.41	1.57	.27	.00	1.71	1.33	2.01	.54	.77	.47	.62	.23	.14	.21	.93	8.86
MARSHVILLE 3E	—	.00	—	.19	—	—	—	—	—	—	—	.74	.16	.12	.40	1.00	—
WEDD FLEET DEPOT	19.39	1.32	1.56	.01	T	8.44	1.23	3.10	1.50	.83	.57	.74	.26	.13	.10	.73	17.46
YUCCA	14.13	.31	2.46	.75	.02	2.17	1.92	3.50	.56	1.06	.42	.69	.27	.17	.21	1.08	12.07

T Trace

T Trace
— No record or record incomplete

INTRODUCTION

This appendix presents surface water data for the 1966 water year, the period from October 1, 1965, to September 30, 1966. The data consist of daily mean discharges, gaging station locations, summary tables of monthly and annual unimpaired runoff from major streams, and streamflow measurements at miscellaneous locations.

The station, Etna Creek near Etna (F25620), was dropped from the program on October 1, 1965.

Each station in this appendix has been assigned an identification number. The first two digits denote the drainage basin as shown below. The remaining digits identify each station.

North Coastal Area

F0 - Smith River
F1 - Lost River-Butte Valley
F2 - Shasta-Scott Valleys
F3 - Klamath River
F4 - Trinity River
F5 - Mad River
F6 - Eel River
F7 - Mattole River

TABLE B-3 (Continued)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1966	F25420	MOFFETT CREEK NEAR FORT JONES

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.2	1.3	1.6	3.4	13	14	52	8.5	4.2	0.7	0.3	0.2	1
2	1.3	1.3	1.6	3.4	13	14	52	8.2	4.6	0.6	0.5	0.1	2
3	1.3	1.3	1.8	6.8	13	14	47	8.5	4.6	0.7	0.5	0.1	3
4	1.2	1.4	1.8	22	14	13	43	8.4	3.8	0.5	0.5	0.1	4
5	1.3 *	1.3	1.7	38	16	13	39	8.6	3.8	0.5	0.5	0.1	5
6	1.7	1.5	1.9	126	16	14	37	8.4 *	3.9	0.5	0.3	0.1	6
7	1.5	1.4	2.0	75	16	15	36	8.1	3.7	0.5	0.3	0.1	7
8	1.6	1.5	2.0	87	14	17	36	7.9	4.2	0.4 *	0.3	0.3 *	8
9	1.6	1.8	2.0 *	59	14	23	36	7.7	3.9 *	0.5	0.3	0.4	9
10	1.7	1.3	2.0	41	14	43	37	7.0	4.0	0.5	0.3	0.6	10
11	1.5	1.4	2.0	32	13	41	35	5.9	3.7	0.4	0.3	0.5	11
12	1.5	1.5	2.0	26 *	13	39	33	5.5	3.7	0.4	0.4	0.4	12
13	1.6	1.8	2.1	22	13	45	30	5.3	3.2	0.4	0.5	0.2 *	13
14	1.6	2.6	1.8	20	13	45	26 *	5.4	2.9	0.5	0.5	0.2	14
15	1.4	2.4	1.6	20	12	44	24	5.3	2.6	0.4	0.3	0.2	15
16	1.3	2.3	1.4	22	12	39	22	4.9	2.5	0.5	0.2	0.2	16
17	1.2	2.7	1.3	20	12	34	22	4.7	2.3	0.5	0.2	0.2	17
18	1.5	2.7	1.2	20	11	30	22	5.0	2.3	0.6	0.4	0.4	18
19	1.1	2.9	1.1	18	11	29	20	5.2	2.2	0.5	0.3	0.2	19
20	1.1	2.3	1.1	17	12	27	20	4.6	2.4	0.4	0.2	0.2	20
21	1.2	2.0	1.0	16	12	25	17	4.1	2.4	0.3	0.2	0.2	21
22	1.2	2.0	1.0	16	13	24	15	4.1	2.2	0.3	0.2	0.4	22
23	1.1	1.9	1.0	15	13	23 *	14	3.8	2.0	0.3	0.2	0.7	23
24	1.2	2.1	1.0	14	13	23	13	3.7	1.4	0.3	0.2	0.7	24
25	1.2	2.1	1.0	14	14	24	13	3.5	1.2	0.3	0.4	0.8	25
26	1.3	1.9	1.1	14 *	14	25	12	3.4	1.2	0.2	0.5 *	0.5	26
27	1.4	1.8	1.4	13	13	29	12	3.3	0.9	0.2	0.4	0.4	27
28	1.5	1.9	5.5	13	14	35	11	3.4	0.9	0.2	0.3	0.6	28
29	1.4	1.8	4.8	14		41	11	3.6	1.3	0.2	0.2	0.4	29
30	1.4	1.6	4.1	15		47	9.8	4.1	0.9	0.2	0.2	0.3	30
31	1.4		3.7	13		49		4.7		0.2	0.2		31
MEAN	1.4	1.9	1.9	27.0	13.3	29.0	26.6	5.6	2.8	0.4	0.3	0.3	MEAN
MAX.	1.7	2.9	5.5	126	16	49	52	8.6	4.6	0.7	0.5	0.8	MAX.
MIN.	1.1	1.3	1.0	3.4	11	13	9.8	3.3	0.9	0.2	0.2	0.1	MIN.
AC. FT.	84	111	118	1660	736	1781	1580	347	164	25	20	19	AC. FT.

WATER YEAR SUMMARY

E — ESTIMATED
 NR — NO RECORD
 * — DISCHARGE MEASUREMENT OR
 OBSERVATION OF FLOW MADE THIS DAY.
 — E AND *

MEAN	MAXIMUM					MINIMUM					TOTAL
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME	ACRE FEET
9.18	164	4.07	1	06	0410	0.1	2.47	9	2	0000	6640

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
41 38 02	122 44 50	NE27 44N 8W	680	5.59	12/23/64	OCT 52-OCT 54 JUN 57-DAT	OCT 52-OCT 54 JUN 57-DAT	1957		0.00	LOCAL
Station located 180 ft. above Old Fort Jones-Yreka Highway bridge, 5.1 mi. NE of Fort Jones. Tributary to Scott River. Stage-discharge relationship affected by ice at times. Upstream diversion with approximate flow of one cfs May through October. Drainage area is 69.8 sq. mi.											

TABLE C-1

AVERAGE CHANGE OF GROUND WATER LEVELS
AND SUMMARY OF WELL MEASUREMENTS REPORTED

Ground Water Basin		Average Change Spring 1965 to Spring 1966 in feet	Measuring Agency	Number of Wells Reported		
Name	Number			Monthly* 1965-66	Fall 1965	Spring 1966
NORTH COASTAL REGION						
Smith River Plain	1-01.00	+2	USGS DWR	4	2	2
Butte Valley	1-03.00	-3	USGS DWR	5	3	3
Shasta Valley	1-04.00	-1	USGS DWR	6	1	1
Scott River Valley	1-05.00	-6	USGS DWR	4	2	2
Mad River Valley	1-08.00	+1	USGS	2		
Eel River Valley	1-10.00	+1	USGS DWR	3	1	1
Round Valley	1-11.00	+2	USGS	6		
Laytonville Valley	1-12.00	+2	USGS DWR	3	1	1
Little Lake Valley	1-13.00	No Change	USGS DWR	3	4	4

* Monthly wells measured by the United States Geological Survey were discontinued in the Spring of 1966. These wells will be included in the Department of Water Resources semiannual measurement grid beginning in the Fall of 1966.

USGS - United States Geological Survey
DWR - Department of Water Resources

TABLE C-2 GROUND WATER LEVELS AT WELLS

An explanation of the column headings and the code symbols follows:

State Well Number - Refer to the explanation presented in the Introduction.

Ground Surface Elevation - The numbers in this column are the elevation in feet above mean sea level (USGS) of the ground surface at the well.

Date - The date shown in the column is the date when the depth measurement given in the next column was made.

Ground Surface to Water Surface - This is the measured depth in feet from the ground surface to the water surface in the well; some of the depth measurements in the column may be preceded by a number in parentheses to indicate a questionable measurement. The code applicable to these "questionable measurements" is as follows:

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

When a measurement was attempted, but could not be obtained, then only a number in parentheses is shown in the column. The code applicable to these "no measurements" is as follows:

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

The words FLOW and DRY are shown in this column to indicate a flowing or dry well, respectively. A minus preceding the number in this column indicates that the static water level in the well is this distance in feet above the ground surface.

TABLE C-2 (Continued)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
SEASTA VALLEY 1-04.00						SCOTT RIVER VALLEY 1-05.00						
44N/05W-34E01 M (Cont.)	2637.0	12-03-65	26.4	2610.6	5000	42N/09W-08C03 M	2836.0	7-15-65	35.5	2800.5	5000	
		1-10-66	27.3	2609.7	5000			8-17-65	42.0	2794.0	5000	
		2-03-66	27.8	2609.2	5000			9-25-65	48.2	2787.8	5000	
		3-03-66	28.2	2608.8	5000			11-02-65	53.2	2782.8	5050	
		4-04-66	29.4	2607.6	5000			11-05-65	57.9	2778.1	5000	
44N/06W-10F01 M	2537.0	11-03-65	19.4	2517.6	5050	42N/09W-27N01 M	2930.0	12-03-65	55.2	2780.8	5000	
		4-05-66	16.9	2520.1	5050			1-10-66	51.5	2784.5	5000	
45N/05W-29B01 M	2635.0	7-15-65	17.4	2617.6	5000			2-03-66	46.8	2789.2	5000	
		8-17-65	17.4	2617.6	5000			3-04-66	45.1	2790.9	5000	
		9-25-65	(1) 18.6	2616.4	5000			4-05-66	42.2	2793.8	5000	
		10-28-65	18.2	2616.8	5000			7-15-65	3.1	2926.9	5000	
		11-02-65	18.5	2616.5	5050			8-17-65	5.6	2924.4	5000	
		12-03-65	19.3	2615.7	5000			9-25-65	6.7	2923.3	5000	
		1-10-66	20.4	2614.6	5000			11-02-65	6.9	2923.1	5050	
		1-31-66	20.8	2614.2	5000			11-05-65	(7)		5000	
		3-04-66	21.7	2613.3	5000			12-03-65	2.8	2927.2	5000	
		4-05-66	(1)		5000			1-10-66	1.3	2928.7	5000	
45N/06W-19E01 M	2538.0	7-15-65	22.9	2515.1	5000			2-03-66	2.4	2927.6	5000	
		8-17-65	22.5	2515.5	5000			3-04-66	2.9	2927.1	5000	
		9-25-65	(1) 20.4	2517.6	5000			4-05-66	2.7	2927.3	5000	
		10-28-65	19.2	2518.8	5000	43N/09W-23F01 M	2728.0	11-02-65	6.0	2722.0	5050	
		11-02-65	20.3	2517.7	5050			4-04-66	4.0	2724.0	5050	
		12-03-65	19.8	2518.2	5000	43N/09W-24F01 M	2735.0	7-15-65	(1)		5000	
		1-10-66	19.0	2519.0	5000			8-17-65	(1)		5000	
		1-31-66	18.3	2519.7	5000			9-25-65	(1)		5000	
		3-04-66	19.0	2519.0	5000			11-02-65	7.4	2727.6	5050	
		4-05-66	18.5	2519.5	5000			11-05-65	7.3	2727.7	5000	
								12-03-65	8.3	2726.7	5000	
								1-10-66	6.9	2728.1	5000	
								2-03-66	8.0	2727.0	5000	
								3-04-66	9.3	2725.7	5000	
								4-05-66	9.6	2725.4	5000	
SCOTT RIVER VALLEY 1-05.00												
42N/09W-02A02 M	2746.0	11-02-65	10.5	2735.5	5050							
		4-04-66	9.5	2736.5	5050							

TABLE C-2 (Continued)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
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SCOTT RIVER VALLEY 1-05.00

44N/09W-28F01 M	2711.0	7-15-65	8.3	2702.7	5000
		8-17-65	15.7	2695.3	5000
		9-25-65	14.5	2696.5	5000
		10-29-65	23.8	2687.2	5000
		11-02-65	(2)		5050
		12-03-65	26.1	2684.9	5000
		1-10-66	20.0	2691.0	5000
		2-03-66	14.8	2696.2	5000
		3-04-66	9.3	2701.7	5000
		4-05-66	8.4	2702.6	5000

MAD RIVER VALLEY 1-08.00

06N/01E-06H01 H	151.0	7-14-65	10.4	140.6	5000
		8-18-65	(1)		5000
		9-24-65	14.0	137.0	5000
		10-19-65	14.2	136.8	5050
		11-09-65	16.6	134.4	5000
		1-20-66	2.9	148.1	5000
		2-16-66	2.6	148.4	5000
		3-29-66	2.0	149.0	5000

06N/01E-29F01 H	25.0	7-14-65	10.5	14.5	5000
		8-18-65	9.9	15.1	5000
		9-24-65	17.1	7.9	5000
		10-19-65	12.9	12.1	5050
		11-09-65	12.2	12.8	5000
		1-20-66	12.6	12.4	5000
		2-16-66	7.7	17.3	5000
		3-29-66	6.9	18.1	5000

EEL RIVER VALLEY 1-10.00

02N/01W-08B01 H	34.0	10-20-65	21.5	12.5	5050
		4-06-66	13.9	20.1	5050

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
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EEL RIVER VALLEY 1-10.00

03N/01W-18D01 H *	15.0	7-14-65	2.2	12.8	5000
		8-18-65	2.4	12.6	5000
		9-24-65	2.6	12.4	5000
		10-20-65	2.5	12.5	5050
		11-09-65	3.0	12.0	5000
		1-20-66	3.2	11.8	5000
		2-16-66	2.6	12.4	5000
		3-29-66	1.8	13.2	5000
		5-06-66	1.6	13.4	5000
03N/01W-34J01 H	53.0	7-14-65	33.1	19.9	5000
		8-18-65	33.7	19.3	5000
		9-24-65	34.2	18.8	5000
		10-20-65	34.5	18.5	5050
		11-09-65	34.5	18.5	5000
		1-20-66	31.3	21.7	5000
		2-16-66	31.2	21.8	5000
		3-29-66	30.9	22.1	5000
		5-06-66	31.7	21.3	5000
03N/02W-26R01 H	12.0	7-14-65	8.0	4.0	5000
		8-18-65	9.2	2.8	5000
		9-24-65	9.4	2.6	5000
		10-20-65	10.5	1.5	5050
		11-09-65	9.4	2.6	5000
		1-20-66	3.3	8.7	5000
		2-16-66	3.6	8.4	5000
		3-29-66	3.7	8.3	5000
		5-06-66	5.7	6.3	5000

* All previously published elevations are to be corrected by subtracting 9.0 feet.

TABLE D-1
SAMPLING STATION DATA AND INDEX
North Coastal Area

Station	Station Number	Location M D B & M	Beginning of Record	Frequency of Sampling	Analyses on Page
Bear River near Capetown (7b)	F7J100.00	01N-03W-13 ^a	MAY 1964	Seasonally	59, 89
Black Butte River near Covejo (5h)	F63200.00	23N-11W-28	NOV. 1964	Monthly	60, 89
Bel River above Outlet Creek near Dos Rios (5d) (formerly published as "near Dos Rios")	F61359.50	21N-13W-31	A.F.R. 1958	Monthly	61, 87, 89
Bel River at South Fork (5) (formerly published as "near McLean")	F61154.50	01S-03E-04 ^b	A.F.R. 1951	Monthly	62, 89
Bel River, Middle Fork at Dos Rios (5c)	F63010.00	21N-13W-06	A.F.R. 1958	Monthly	63, 87, 91
Bel River, Middle Fork at Bel River Ranger Station (5g)	F63120.00	23N-11W-28	FEB. 1965	Monthly	64, 91
Bel River at Scottia (6)	F61100.00	02N-01E-31 ^a	A.F.R. 1951	Monthly	65, 87, 89
Bel River, South Fork near Miranda (7)	F64100.00	03S-04E-30 ^b	A.F.R. 1951	Monthly	66, 92
Klamath River above Humburg Reservoir Site (1c)	F31470.00	46N-10W-14	DEC. 1958	Monthly	67, 89
Klamath River below Iron Gate Dam (1f)	F31600.00	47N-05W-17	DEC. 1961	Monthly	68, 87, 90
Klamath River near Klamath (3)	F31100.00	13N-01E-24 ^a	A.F.R. 1951	Monthly	69, 87, 90
Klamath River at Orleans (2c)	F31220.01	11N-06E-31 ^a	JAN. 1964	Monthly	70, 87, 90
Klamath River near Selad Valley (2b)	F31430.00	46N-12W-03	DEC. 1958	Monthly	71, 87, 90
Head River near Arcata (6a)	F51100.00	06N-01E-15 ^a	NOV. 1958	Monthly	72, 87, 90
Nettole River near Petrovia (7a)	F71100.00	02S-02W-11 ^a	JAN. 1959	Monthly	73, 90
Kull Creek near Covejo (5e)	F63050.00	22N-12W-22	FEB. 1965	Monthly	74, 91
Outlet Creek near Longvale (5b)	F61350.00	20N-14W-01	MAY 1958	Monthly	75, 91
Redwood Creek at Orick (3b)	F55100.00	10N-01E-04 ^a	NOV. 1958	Monthly	76, 91
Salmon River at Senebar (2a)	F34100.00	11N-06E-02 ^a	NOV. 1958	Seasonally	77, 91
Scott River near Fort Jones (1b)	F25250.00	44N-10W-29	DEC. 1958	Monthly	78, 91
Shasta River near Yreka (1a)	F21050.00	46N-07W-24	DEC. 1958	Monthly	79, 92
Smith River near Crescent City (3a)	F01300.00	16N-01E-10 ^a	A.F.R. 1951	Monthly	80, 92
Trinity River near Burnt Ranch (4b)	F41376.00	05N-07E-19 ^a	A.F.R. 1958	Monthly	81, 92
Trinity River near Hoopa (4)	F41090.00	08N-03E-31 ^a	A.F.R. 1951	Monthly	82, 87, 92
Trinity River at Leviston (4a)	F41640.00	33N-08W-17	A.F.R. 1951	Monthly	83, 92
Van Duzen River near Bridgeville (5a)	F65300.00	01N-03W-17 ^a	A.F.R. 1958	Monthly	84, 93
Williams Creek near Covejo (5f)	F63105.00	23N-12W-24	FEB. 1965	Monthly	85, 93

O-H-B-M

TABLE D-2 (Continued)
MINERAL ANALYSES OF SURFACE WATER

STATION DATE TIME	NUMBER LAR SAMPLER	G.H. Q	DO SAT	TEMP	PH LAB FLD	EC LAB FLD	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENT PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER				TDS SUM	TH NCH
							CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	F	B	SiO2			
SCOTT RIVER NEAR FORT JONES (1b)																					
F25250.00 10/04/65 1545	5000 5050	1.91 74	11.6 129	61 F	8.7 8.2	292	--	--	5.1 .22	--	10 .33	163 2.67	--	3.4 .10	--	--	0.0	--	--	152 2	
F25250.00 11/01/65 1540	5000 5050	1.92 75	12.7 131	55 F	8.6 8.1	288	--	--	5.3 .23	--	6.0 .20	168 2.76	--	3.6 .10	--	--	0.0	--	--	149 1	
F25250.00 11/29/65 1545	5000 5050	2.80 214	12.0 108	44 F	8.4 7.5	236	--	--	4.0 .17	--	3.0 .10	141 2.31	--	2.4 .07	--	--	0.0	--	--	120 0	
F25250.00 01/03/66 1730	5000 5050	3.35 330	11.7 96	38 F	8.4 7.8	212	--	--	3.7 .16	--	2.0 .07	121 1.98	--	2.6 .07	--	--	0.1	--	--	104 2	
F25250.00 02/07/66 1550	5000 5050	3.81 469	11.4 101	45 F	8.2 7.6	216	--	--	4.7 .20	--	0.0	129 2.12	--	1.9 .05	--	--	0.0	--	--	107 1	
F25250.00 03/09/66 0845	5000 5050	4.42 668	11.9 106	44 F	8.3 7.4	188	--	--	3.1 .13	--	1.0 .03	110 1.80	--	0.6 .02	--	--	0.0	--	--	95 4	
F25250.00 04/04/66 1600	5000 5050	6.32 1890	10.5 104	52 F	8.3 7.4	127	--	--	2.2 .10	--	1.0 .03	73 1.20	--	0.6 .02	--	--	0.1	--	--	62 1	
F25250.00 05/02/66 1635	5000 5050	7.19 1030	10.2 108	57 F	7.8 7.5	121	12 .60 47	6.8 .56 43	2.5 .11 9	0.7 .02 2	0.0	71 1.16 93	3.0 .06 5	0.6 .02 2	0.7 .01 1	--	0.0	13	76 74	58 0	
F25250.00 06/08/66 1215	5000 5050	4.21 584	9.8 111	63 F	8.0 7.6	160	--	--	4.6 .20	--	0.0	98 1.61 1	--	3.4 .10	--	--	0.0	--	--	79 0	
F25250.00 07/12/66 1005	5000 5050	2.55 118	11.5 132	64 F	8.5 7.9	263	--	--	5.2 .23	--	5.0 .17	153 2.51	--	3.4 .10	--	--	0.0	--	--	136 2	
F25250.00 08/08/66 1130	5000 5050	1.87 50	10.2 126	71.5 F	8.1 7.8	274	--	--	5.3 .23	--	0.0	161 2.64	--	4.5 .13	--	--	0.0	--	--	138 6	
F25250.00 09/12/66 1400	5000 5050	1.69 38	11.5 129	62 F	8.2 8.0	271	28 1.40 49	15 1.23 43	5.4 .23 8	0.7 .02 1	0.0	159 2.61 88	7.0 .15 5	5.8 .16 5	2.4 .04 1	--	0.0	19	160 161	132 2	

TABLE E-1 MINERAL ANALYSES OF GROUND WATER

An explanation of column headings follows:

Lab - 5050 Department of Water Resources

EC - The specific conductance in micromhos at 25° centigrade.

TDS - Gravimetric determination of total dissolved solids in milligrams per liter.

SUM - Determined by addition of analyzed constituents.

TABLE E-1 (Continued)
MINERAL ANALYSES OF GROUND WATER

STATE WELL NUMBER DATE LAB TIME SAMPLER	TEMP	PH LAB FLD	EC LAB FLD	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENT PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER				
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	F	B	SiO2	TDS SUM	TH NCH
SCOTT RIVER VALLEY	1-5.00																
43N/09W-02G01 M 08/17/66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			517														
43N/09W-08F01 M 08/17/66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			131														
43N/09W-24F01 M 08/17/66 5050	56 F	7.6	503	--	--	4.8 .21	--	0.0	323 5.30 1	--	1.0 .03	--	--	--	--	--	270 5
43N/09W-24F02 M 08/17/66 5050	56 F	8.0	448	45 2.25 47	30 2.47 51	2.0 .09 2	0.8 .02	0.0	273 4.48 93	4.6 .10 2	1.8 .05 1	12 .19 4	--	0.1	--	223 230	237 13
43N/09W-28D02 M 08/17/66 5050	85 F	6.6	74	7.7 .38 54	2.4 .20 29	2.4 .10 14	0.8 .02 3	0.0	39 .64 88	1.0 .02 3	0.5 .01 1	3.5 .06 8	--	0.1	--	49 38	29 0
HAYFORK VALLEY	1-6.00																
31N/12W-12L01 M 08/02/66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			222														
31N/12W-15K01 M 08/02/66 5050	62 F	--	--	24 275	--	8.7 .34	--	--	--	--	5.9 .17	--	--	--	--	--	--
32N/11W-35G01 M 08/02/66 5050	61 F	--	--	49 395	--	13 .57	--	--	--	--	26 .73	--	--	--	--	--	--
MAD RIVER VALLEY	1-8.00																
05N/01E-04H03 M * 07/22/66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			400														
05N/01E-08J01 M 07/22/66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			364														

* Published in previous reports as 5N-1E-4H2