

11451000 CACHE CREEK NEAR LOWER LAKE, CA

LOCATION.—Lat 38°55'27", long 122°33'53", in sec.6, T.12 N., R.6 W., Lake County, Hydrologic Unit 18020116, on left bank, 500 ft downstream from Cache Creek Dam, 1.9 mi downstream from Copsey Creek, and 2.5 mi northeast of Lower Lake.

DRAINAGE AREA.—528 mi².

PERIOD OF RECORD.—May 1944 to current year.

GAGE.—Water-stage recorder and rain gage (station 385525122335501). Datum of gage is 1,279.34 ft above sea level. Prior to Oct. 2, 1987, at datum 1.00 ft higher.

REMARKS.—Records fair. Flow regulated by Clear Lake (station 11450000) from Cache Creek Dam, 500 ft upstream. See schematic diagram of lower Sacramento River Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 10,200 ft³/s, Feb. 17, 1998, gage height, 11.01 ft, present datum; no flow Nov. 8–20, 1977, Apr. 5, 6, 1987.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.4	3.9	3.3	4.3	11	9.0	11	194	686	338	355	436
2	5.4	3.6	2.9	320	11	10	11	429	675	396	374	433
3	5.4	3.6	2.1	6.8	11	9.0	10	496	717	424	331	425
4	5.4	3.6	2.0	827	11	8.9	9.8	466	736	429	295	424
5	5.3	3.5	2.0	1770	11	9.0	9.8	445	694	429	295	430
6	5.3	3.2	2.1	1920	11	9.0	9.8	468	716	429	295	414
7	5.3	3.1	2.2	1870	11	9.1	10	497	702	429	329	362
8	5.3	3.1	2.2	1870	12	9.2	12	515	652	448	360	309
9	5.3	3.0	2.3	1870	12	9.4	18	511	588	468	360	270
10	5.3	2.9	2.4	1830	13	9.9	16	516	505	483	356	254
11	5.3	2.9	2.4	1790	17	9.3	13	540	498	510	355	248
12	5.3	2.8	2.4	1670	16	9.2	13	542	563	522	355	236
13	5.2	1.9	2.5	1300	15	9.4	13	538	560	524	353	195
14	5.1	1.8	2.7	341	12	9.7	14	548	499	486	352	183
15	5.1	1.9	2.6	14	12	9.8	14	584	472	428	352	183
16	5.1	2.1	2.6	13	11	9.9	14	633	440	384	352	185
17	5.1	2.1	2.7	13	11	9.9	15	663	450	377	351	164
18	5.0	2.0	2.7	13	11	10	16	602	454	406	351	117
19	4.7	1.9	2.7	13	11	10	16	510	437	415	350	93
20	4.6	1.9	2.8	13	11	10	16	438	405	368	350	93
21	4.6	2.0	3.3	13	12	11	17	323	360	338	386	93
22	4.7	2.1	3.8	12	13	11	17	235	318	379	407	93
23	4.7	2.0	3.2	12	15	12	21	170	303	417	405	72
24	4.7	2.2	2.8	12	12	14	18	178	256	405	404	146
25	4.7	2.1	2.8	12	9.8	12	16	231	216	379	402	267
26	4.2	2.9	2.8	12	9.8	12	16	281	186	413	372	266
27	4.1	3.4	3.3	13	9.8	12	17	362	212	454	361	263
28	4.0	3.5	3.9	12	9.8	13	16	464	262	455	374	258
29	3.9	2.9	3.8	11	---	15	17	577	262	475	404	256
30	4.1	2.2	3.9	11	---	13	18	650	286	454	429	167
31	4.0	---	4.0	11	---	11	---	679	---	373	428	---
TOTAL	151.6	80.1	87.2	17599.1	332.2	325.7	434.4	14285	14110	13235	11243	7335
MEAN	4.890	2.670	2.813	567.7	11.86	10.51	14.48	460.8	470.3	426.9	362.7	244.5
MAX	5.4	3.9	4.0	1920	17	15	21	679	736	524	429	436
MIN	3.9	1.8	2.0	4.3	9.8	8.9	9.8	170	186	338	295	72
AC-FT	301	159	173	34910	659	646	862	28330	27990	26250	22300	14550
a	1.31	8.00	9.29	4.47	0.88	1.06	0.36	0.92	0.00	0.00	0.00	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1945 - 2002, BY WATER YEAR (WY)

	MEAN	32.96	15.54	107.3	612.1	825.1	811.4	525.7	331.4	380.1	399.0	320.6	167.7
MAX	191	683	2584	3047	4988	4919	3538	951	702	651	514	325	325
(WY)	1996	1984	1984	1997	1998	1983	1958	1983	2000	1998	1999	1995	1995
MIN	0.40	0.17	0.14	0.18	0.17	0.32	0.42	0.40	0.29	0.41	0.71	0.55	0.55
(WY)	1978	1978	1991	1991	1991	1955	1990	1990	1991	1977	1977	1977	1977

SUMMARY STATISTICS FOR 2001 CALENDAR YEAR FOR 2002 WATER YEAR WATER YEARS 1945 - 2002

ANNUAL TOTAL	25228.8	79218.3	
ANNUAL MEAN	69.12	217.0	375.2
HIGHEST ANNUAL MEAN			1342
LOWEST ANNUAL MEAN			0.67
HIGHEST DAILY MEAN	507	Aug 16	1920
LOWEST DAILY MEAN	1.8	Nov 14	1.8
ANNUAL SEVEN-DAY MINIMUM	2.0	Nov 13	2.0
MAXIMUM PEAK FLOW			2180
MAXIMUM PEAK STAGE			6.96
ANNUAL RUNOFF (AC-FT)	50040	157100	271800
10 PERCENT EXCEEDS	202	513	629
50 PERCENT EXCEEDS	6.1	15	57
90 PERCENT EXCEEDS	2.9	2.9	1.2

a Precipitation, in inches.