

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.

CHEMICAL DATA: Water year 2000.

SEDIMENT DATA: Water year 2000.

GAGE.—Water-stage recorder and rain gage (station 385525122335501). Datum of gage is 1,279.34 ft above NGVD of 1929. Prior to Oct. 2, 1987, at datum 1.00 ft higher.

REMARKS.—Records good except for estimated daily discharges, which are 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 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	185	7.1	3.4	471	12	3810	167	405	471	575	333	441
2	170	7.0	3.6	1640	12	3800	206	435	493	556	338	430
3	155	6.7	3.6	1920	12	3640	210	487	503	544	357	390
4	155	6.7	3.6	1900	e13	3570	212	517	531	508	382	362
5	167	6.4	3.6	1890	e13	3500	233	519	553	494	423	352
6	178	6.2	3.9	1800	e13	3410	269	508	562	462	447	352
7	178	6.0	4.3	1800	e14	3300	357	488	586	434	444	358
8	177	6.0	4.4	1850	e14	3240	425	460	596	426	439	383
9	177	6.0	4.5	1960	e14	3170	452	428	586	427	471	374
10	171	5.9	4.2	1920	e14	2340	258	396	494	402	485	360
11	166	5.9	3.9	1900	e14	2770	51	400	445	374	482	339
12	166	6.1	3.9	1780	e14	2240	51	445	470	363	482	294
13	166	5.8	4.0	1410	e14	787	50	488	475	346	463	268
14	154	3.9	4.4	556	e14	132	50	526	480	359	481	268
15	143	3.4	4.4	102	e14	67	50	558	466	389	502	293
16	143	3.2	4.5	11	e1090	67	51	578	480	415	471	325
17	109	3.3	4.5	11	e4770	67	51	585	535	442	421	336
18	8.5	3.5	4.6	11	e4380	173	51	586	565	446	406	335
19	7.9	3.4	4.8	12	e3410	315	51	560	564	421	408	334
20	95	3.5	5.0	12	3300	531	148	537	563	395	408	332
21	125	3.6	4.9	18	3300	378	211	526	562	393	410	304
22	125	3.1	4.9	10	3270	56	208	514	551	391	408	264
23	125	2.8	5.1	11	3240	37	204	489	531	391	408	249
24	131	2.9	6.9	11	3190	38	209	470	520	397	406	240
25	143	3.0	5.3	11	4580	38	258	457	522	402	411	233
26	150	3.1	5.6	11	4130	211	296	434	509	403	418	241
27	178	3.2	5.6	11	3980	40	295	426	498	402	430	257
28	206	3.2	5.8	12	3920	37	335	436	508	414	439	272
29	211	3.2	804	12	3850	37	369	470	556	436	447	280
30	219	3.3	172	11	---	88	384	496	590	421	463	278
31	112	---	7.6	10	---	118	---	478	---	369	459	---
TOTAL	4596.4	137.4	1110.8	23084	50611	42007	6162	15102	15765	13197	13342	9544
MEAN	148	4.58	35.8	745	1745	1355	205	487	526	426	430	318
MAX	219	7.1	804	1960	4770	3810	452	586	596	575	502	441
MIN	7.9	2.8	3.4	10	12	37	50	396	445	346	333	233
AC-FT	9120	273	2200	45790	100400	83320	12220	29950	31270	26180	26460	18930
a	0.00	4.42	12.95	2.09	6.74	0.93	0.31	0.00	0.00	0.00	0.00	0.01

e Estimated.

a Precipitation in inches.

11451000 CACHE CREEK NEAR LOWER LAKE, CA—Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1945 - 2004, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	34.4	15.2	106	628	828	813	532	342	384	402	324	172
MAX	191	683	2584	3047	4988	4919	3538	951	702	651	514	325
(WY)	1996	1984	1984	1997	1998	1983	1958	1983	2000	1998	1999	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
(WY)	1978	1978	1991	1991	1991	1955	1990	1990	1991	1977	1977	1977

SUMMARY STATISTICS

FOR 2003 CALENDAR YEAR

FOR 2004 WATER YEAR

WATER YEARS 1945 - 2004

ANNUAL TOTAL	175896.6		194658.6									
ANNUAL MEAN	482		532						379			
HIGHEST ANNUAL MEAN									1342		1983	
LOWEST ANNUAL MEAN									0.67		1990	
HIGHEST DAILY MEAN	3050	Apr 29							7200	Feb 18	1998	
LOWEST DAILY MEAN	2.8	Nov 23							0.00	Nov 8	1977	
ANNUAL SEVEN-DAY MINIMUM	3.0	Nov 22							0.00	Nov 8	1977	
MAXIMUM PEAK FLOW									7930	Feb 25	1998	
MAXIMUM PEAK STAGE									10.70	Feb 25	1998	
ANNUAL RUNOFF (AC-FT)	348900		386100						274900			
10 PERCENT EXCEEDS	1750		1480						634			
50 PERCENT EXCEEDS	281		336						65			
90 PERCENT EXCEEDS	4.9		4.9						1.2			