

**11451000 CACHE CREEK NEAR LOWER LAKE, CA**

Sacramento River Basin

LOCATION.--Lat 38°55'27", long 122°33'53" referenced to North American Datum of 1927, in sec.6, T.12 N., R.6 W., Lake County, Hydrologic Unit 18020116, on left bank, 300 ft (revised) downstream from Cache Creek Dam, 1.5 mi downstream from Herndon Creek, 1.9 mi downstream from Copsey Creek, and 2.5 mi northeast of Lower Lake.

DRAINAGE AREA.--528 mi<sup>2</sup>.

**WATER-DISCHARGE RECORDS**

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. 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 ft<sup>3</sup>/s, Feb. 17, 1998, gage height, 11.01 ft, present datum; no flow Nov. 8-20, 1977, Apr. 5, 6, 1987.

## 11451000 CACHE CREEK NEAR LOWER LAKE, CA—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	262	10	7.1	9.9	16	15	485	206	520	515	475	231
2	241	9.7	7.4	10	16	15	490	233	500	519	429	226
3	230	9.6	7.5	10	17	15	492	237	449	511	395	228
4	220	9.5	7.7	10	16	15	796	236	426	504	400	246
5	195	9.6	8.0	10	15	15	1,160	207	525	504	419	249
6	182	9.1	8.2	10	15	15	1,450	165	409	488	440	210
7	109	9.0	8.8	11	14	15	1,180	147	404	490	456	159
8	12	9.1	9.7	11	15	16	941	165	386	518	432	145
9	12	8.9	10	11	15	17	1,330	90	350	529	438	172
10	11	9.0	10	11	15	17	1,330	388	304	517	456	180
11	9.4	8.9	10	12	15	17	1,330	659	284	486	432	165
12	9.7	8.2	10	12	15	17	742	668	271	469	409	131
13	40	7.1	11	12	15	16	253	668	348	471	385	91
14	48	7.1	11	13	15	17	392	669	472	491	340	82
15	22	7.6	10	13	15	16	492	666	572	515	301	82
16	20	7.7	9.9	12	15	16	492	670	611	503	287	84
17	9.7	7.5	9.6	13	15	16	363	658	582	498	288	89
18	11	7.5	9.8	13	15	16	30	667	522	493	280	89
19	12	7.3	10	13	15	17	65	685	460	490	276	132
20	13	6.8	10	13	15	18	156	583	398	506	299	293
21	13	6.7	9.2	13	15	39	162	473	355	505	237	312
22	13	5.8	8.8	14	16	321	166	480	375	468	181	293
23	14	5.7	8.3	14	17	169	171	553	368	418	187	278
24	14	6.0	8.3	14	18	1,530	183	625	377	390	199	277
25	13	6.4	8.3	14	18	2,330	154	621	414	387	231	259
26	13	6.7	8.4	14	18	2,320	162	635	418	417	278	244
27	13	6.9	13	14	17	2,310	156	635	406	457	333	232
28	13	6.8	11	14	15	2,350	142	550	464	530	316	212
29	12	6.4	10	14	---	2,320	165	531	483	568	240	207
30	12	6.7	10	15	---	2,300	185	538	517	548	228	248
31	11	---	9.9	15	---	1,390	---	530	---	504	231	---
<b>Total</b>	1,809.8	233.3	290.9	384.9	438	17,700	15,615	14,838	12,970	15,209	10,298	5,846
<b>Mean</b>	58.4	7.78	9.38	12.4	15.6	571	520	479	432	491	332	195
<b>Max</b>	262	10	13	15	18	2,350	1,450	685	611	568	475	312
<b>Min</b>	9.4	5.7	7.1	9.9	14	15	30	90	271	387	181	82
<b>Ac-ft</b>	3,590	463	577	763	869	35,110	30,970	29,430	25,730	30,170	20,430	11,600
<b>Precipitation in inches</b>	3.84	2.13	10.94	6.35	4.40	5.83	1.63	4.07	0.58	0.00	0.00	0.01

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1945 - 2005, BY WATER YEAR (WY)**

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	34.8	15.0	104	618	814	809	531	345	385	403	324	172
<b>Max</b>	191	683	2,584	3,047	4,988	4,919	3,538	951	702	651	514	325
<b>(WY)</b>	(1996)	(1984)	(1984)	(1997)	(1998)	(1983)	(1958)	(1983)	(2000)	(1998)	(1999)	(1995)
<b>Min</b>	0.40	0.17	0.14	0.18	0.17	0.32	0.42	0.40	0.29	0.41	0.71	0.55
<b>(WY)</b>	(1978)	(1978)	(1991)	(1991)	(1991)	(1955)	(1990)	(1990)	(1991)	(1977)	(1977)	(1977)

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SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1945 - 2005	
<b>Annual total</b>	191,148.0		95,632.9			
<b>Annual mean</b>	522		262		378	
<b>Highest annual mean</b>					1,342	1983
<b>Lowest annual mean</b>					0.67	1990
<b>Highest daily mean</b>	4,770	Feb 17	2,350	Mar 28	7,200	Feb 18, 1998
<b>Lowest daily mean</b>	5.7	Nov 23	5.7	Nov 23	0.00	Nov 8, 1977
<b>Annual seven-day minimum</b>	6.3	Nov 20	6.3	Nov 20	0.00	Nov 8, 1977
<b>Maximum peak flow</b>			2,670	Mar 24	10,200	Feb 17, 1998
<b>Maximum peak stage</b>			7.70	Mar 24	11.01	Feb 17, 1998
<b>Annual runoff (ac-ft)</b>	379,100		189,700		273,500	
<b>10 percent exceeds</b>	1,480		551		632	
<b>50 percent exceeds</b>	335		156		66	
<b>90 percent exceeds</b>	9.1		9.1		1.2	

