

**11342000 Sacramento River at Delta, CA**

Sacramento River Basin

LOCATION.--Lat 40°56'23", long 122°24'58" referenced to North American Datum of 1927, in SW ¼ NW ¼ sec.35, T.36 N., R.5 W., Shasta County, CA, Hydrologic Unit 18020005, U.S. Bureau of Reclamation property, on left bank, 0.2 mi downstream from Dog Creek, 0.6 mi southeast of Delta, 2.8 mi south of Lamoine, 25 mi north of city of Redding, and 29 mi downstream from Lake Siskiyou.

DRAINAGE AREA.--425 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 1944 to current year. Monthly discharge only for some periods, published in WSP 1315-A.

CHEMICAL DATA: Water years 1951-81.

WATER TEMPERATURE: Water years 1951, 1954-57, 1963-79.

REVISED RECORDS.--WSP 1395: 1951 (instantaneous maximum discharge). WDR-CA-94-4: 1993 (peaks above the base).

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 1,075.00 ft above NGVD of 1929 (levels by U.S. Bureau of Reclamation).

REMARKS.--Records good. Some regulation by Lake Siskiyou, capacity, 26,100 acre-ft, since December 1968. Some minor diversions for irrigation upstream from station. See schematic diagram of Pit River and McCloud River Basins available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 69,800 ft<sup>3</sup>/s, Jan. 16, 1974, gage height, 27.20 ft in gage well, 28.7 ft from floodmarks, from rating curve extended above 19,000 ft<sup>3</sup>/s, on basis of slope-area measurements at gage height 19.50 ft, and of peak flow; minimum daily, 117 ft<sup>3</sup>/s, Aug. 5, 6, 12-15, 1977.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 8,000 ft<sup>3</sup>/s and (or) maximum (\*):

Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
Dec 2	0600	*28,400	*16.24

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**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	190	288	6,720	715	1,010	607	1,920	636	321	268	205	191
2	190	236	17,900	688	980	654	1,830	593	314	262	204	190
3	189	222	5,290	671	967	704	1,610	570	303	264	203	192
4	189	216	3,630	654	955	730	1,860	556	304	259	201	191
5	192	212	4,220	655	967	808	2,080	554	292	248	200	191
6	195	212	3,130	675	942	1,480	1,990	547	287	246	200	191
7	195	211	2,400	679	990	1,150	1,900	631	280	244	200	191
8	194	212	2,020	754	946	985	1,780	610	269	238	200	189
9	196	214	1,790	923	850	892	1,570	641	267	234	197	188
10	196	212	1,620	1,030	808	844	1,340	577	266	232	198	187
11	195	212	1,420	935	761	842	1,390	549	269	230	199	187
12	196	212	1,070	846	734	812	1,260	534	264	229	197	188
13	204	213	847	781	723	862	1,340	509	261	228	195	190
14	202	215	740	718	730	914	1,120	490	259	226	193	189
15	201	213	798	690	749	962	878	471	258	224	192	189
16	200	213	808	666	760	1,110	799	463	255	224	192	189
17	196	439	997	655	771	1,370	904	456	253	221	192	190
18	194	410	914	684	746	1,210	742	429	252	220	191	192
19	194	592	765	680	759	942	782	410	253	218	189	191
20	196	2,090	770	703	712	1,670	788	393	253	216	187	190
21	195	1,230	836	716	682	1,870	754	379	250	214	191	303
22	240	573	1,030	736	646	1,400	760	381	246	212	189	254
23	226	423	2,430	796	642	1,180	748	365	246	211	189	216
24	273	362	2,090	1,390	608	1,090	724	372	276	213	189	209
25	235	329	1,460	1,490	597	1,060	697	364	448	213	193	206
26	218	308	1,240	1,660	577	1,050	684	354	649	209	194	205
27	214	292	1,040	1,520	566	1,030	696	362	420	212	193	204
28	215	576	937	1,310	566	1,220	715	411	324	213	191	204
29	212	4,810	873	1,150	---	1,100	711	357	296	209	191	226
30	212	8,990	804	1,100	---	1,130	694	350	279	207	191	416
31	222	---	751	1,050	---	1,900	---	335	---	207	191	---
<b>Total</b>	6,366	24,937	71,340	27,720	21,744	33,578	35,066	14,649	8,914	7,051	6,037	6,239
<b>Mean</b>	205	831	2,301	894	777	1,083	1,169	473	297	227	195	208
<b>Max</b>	273	8,990	17,900	1,660	1,010	1,900	2,080	641	649	268	205	416
<b>Min</b>	189	211	740	654	566	607	684	335	246	207	187	187
<b>Ac-ft</b>	12,630	49,460	141,500	54,980	43,130	66,600	69,550	29,060	17,680	13,990	11,970	12,380

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1945 - 2013, BY WATER YEAR (WY)**

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	338	722	1,374	1,856	2,272	2,282	2,069	1,752	865	353	241	233
<b>Max</b>	1,837	6,075	5,770	7,162	9,557	7,957	5,606	4,618	3,741	1,198	462	514
<b>(WY)</b>	(1951)	(1974)	(1997)	(1995)	(1958)	(1983)	(2006)	(2006)	(1998)	(1998)	(1983)	(1957)
<b>Min</b>	150	187	197	214	226	243	264	410	229	145	122	154
<b>(WY)</b>	(1945)	(1992)	(1977)	(1991)	(1977)	(1977)	(1977)	(1977)	(1977)	(1977)	(1977)	(1991)

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SUMMARY STATISTICS

	Calendar Year 2012		Water Year 2013		Water Years 1945 - 2013	
<b>Annual total</b>	386,187		263,641			
<b>Annual mean</b>	1,055		722		1,191	
<b>Highest annual mean</b>					2,715	1983
<b>Lowest annual mean</b>					228	1977
<b>Highest daily mean</b>	17,900	Dec 2	17,900	Dec 2	53,900	Jan 16, 1974
<b>Lowest daily mean</b>	189	Sep 13	187	Aug 20	117	Aug 5, 1977
<b>Annual seven-day minimum</b>	190	Sep 28	188	Sep 8	117	Aug 11, 1977
<b>Maximum peak flow</b>			28,400	Dec 2	69,800	Jan 16, 1974
<b>Maximum peak stage</b>			16.24	Dec 2	27.20	Jan 16, 1974
<b>Annual runoff (ac-ft)</b>	766,000		522,900		862,600	
<b>10 percent exceeds</b>	2,460		1,380		2,710	
<b>50 percent exceeds</b>	486		411		535	
<b>90 percent exceeds</b>	199		192		202	

