

Water-Data Report 2008

**11389720 Butte Creek below Diversion Dam, near Stirling City, CA**

Sacramento River Basin

LOCATION.--Lat 39°58'53", long 121°35'15" referenced to North American Datum of 1927, in SE ¼ NW ¼ sec.36, T.25 N., R.3 E., Butte County, CA, Hydrologic Unit 18020120, on left bank, 400 ft downstream from diversion dam, 0.1 mi upstream from Haw Creek, and 6.2 mi northwest of Stirling City.

DRAINAGE AREA.--61.3 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--January 1986, June 1986 to current year (low-flow records only).

GAGE.--Water-stage recorder. Elevation of gage is 2,840 ft above NGVD of 1929, from topographic map.

COOPERATION.--Records were collected by Pacific Gas and Electric Co., under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project no. 803.

REMARKS.--Flow regulated by diversion dam 400 ft upstream. Flows computed to 99.0 ft<sup>3</sup>/s. Most of the water is diverted at diversion dam to Butte Creek Canal and then to De Sabla Powerplant (station 11389750).

## 11389720 Butte Creek below Diversion Dam, near Stirling City, CA—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12	11	60	29	---	---	86	---	59	24	22	22
2	12	11	60	29	90	---	83	---	56	24	22	22
3	12	11	62	47	---	85	87	---	54	24	22	22
4	12	11	---	---	84	80	92	---	51	24	22	22
5	12	11	68	---	82	75	91	---	46	24	22	22
6	12	11	72	---	84	70	---	---	43	24	22	22
7	12	11	77	---	83	66	---	---	40	24	22	22
8	12	11	66	88	83	66	---	---	37	24	22	22
9	12	11	63	83	85	66	89	---	34	24	22	22
10	28	11	40	86	92	69	---	---	33	24	22	22
11	12	21	15	91	---	82	---	---	31	24	22	22
12	11	11	15	91	---	---	---	---	30	24	22	22
13	11	11	15	91	---	---	---	---	30	24	22	22
14	11	11	15	87	---	---	---	---	30	24	22	22
15	12	11	15	72	---	---	---	---	30	24	22	22
16	12	11	15	46	---	80	---	---	30	24	22	22
17	12	11	23	43	---	72	---	---	29	24	22	22
18	12	11	63	42	---	74	---	---	29	24	22	22
19	25	14	55	41	---	---	---	---	29	24	22	22
20	28	15	---	41	---	---	---	---	29	24	22	22
21	11	25	41	69	---	87	---	---	26	24	22	22
22	11	38	34	77	---	86	---	---	25	24	22	22
23	11	45	33	75	---	90	---	---	25	24	22	22
24	11	50	38	78	---	---	---	---	25	24	22	22
25	11	57	35	---	---	---	---	---	25	24	22	22
26	11	60	33	---	---	---	---	---	25	24	22	22
27	11	60	31	---	---	---	---	---	25	24	22	22
28	11	60	31	---	---	---	---	---	24	23	22	22
29	11	60	32	---	---	---	---	72	24	22	22	22
30	11	60	32	---	---	---	---	66	24	22	22	22
31	11	---	30	---	---	89	---	63	---	22	22	---
<b>Total</b>	403	752	---	---	---	---	---	---	998	737	682	660
<b>Mean</b>	13.0	25.1	---	---	---	---	---	---	33.3	23.8	22.0	22.0
<b>Max</b>	28	60	---	---	---	---	---	---	59	24	22	22
<b>Min</b>	11	11	---	---	---	---	---	---	24	22	22	22
<b>Ac-ft</b>	799	1,490	---	---	---	---	---	---	1,980	1,460	1,350	1,310

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