

Water-Data Report 2007

**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 2006 TO SEPTEMBER 2007**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	19	19	23	38	22	86	---	---	13	10	11	11
2	19	24	19	35	22	85	---	---	13	10	11	11
3	19	20	19	46	21	---	---	---	13	10	11	11
4	19	19	19	---	22	---	84	---	13	10	11	11
5	19	19	19	---	22	---	82	---	13	10	11	11
6	19	19	19	68	22	---	81	---	13	10	11	11
7	19	19	19	59	32	---	84	---	12	10	11	11
8	19	20	19	54	---	---	83	---	11	10	11	11
9	19	19	---	51	---	---	81	---	11	10	11	11
10	19	19	---	---	---	---	77	---	11	10	11	11
11	19	20	70	45	---	---	81	---	11	10	11	11
12	19	19	---	40	---	---	76	---	11	10	11	11
13	19	25	---	45	---	---	79	---	11	10	11	11
14	19	41	---	44	---	---	---	---	11	10	11	11
15	19	20	---	38	---	---	---	---	11	10	11	11
16	19	22	---	37	---	---	79	---	10	10	11	11
17	19	20	77	37	---	---	80	---	10	10	11	11
18	19	19	63	36	---	---	79	52	10	11	11	11
19	19	19	59	38	92	---	76	45	10	10	11	11
20	19	19	47	37	85	---	74	39	10	10	11	11
21	19	43	50	33	85	---	---	38	10	10	11	11
22	19	27	51	32	---	---	---	35	10	10	11	11
23	19	30	43	32	---	---	---	26	10	11	11	12
24	19	21	41	31	---	---	---	18	10	11	11	11
25	19	20	40	30	---	---	---	15	10	11	11	11
26	19	24	---	30	---	---	---	13	10	11	11	11
27	19	32	---	30	---	---	---	15	10	11	11	11
28	19	34	---	26	---	---	---	13	10	11	11	11
29	19	73	62	23	---	---	---	13	10	11	11	12
30	19	51	50	23	---	---	---	13	10	11	11	12
31	19	---	43	23	---	---	---	13	---	11	11	---
<b>Total</b>	589	776	---	---	---	---	---	---	328	320	341	333
<b>Mean</b>	19.0	25.9	---	---	---	---	---	---	10.9	10.3	11.0	11.1
<b>Max</b>	19	73	---	---	---	---	---	---	13	11	11	12
<b>Min</b>	19	19	---	---	---	---	---	---	10	10	11	11
<b>Ac-ft</b>	1,170	1,540	---	---	---	---	---	---	651	635	676	661

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