

Water-Data Report 2007

11389780 Butte Creek below Centerville Diversion Dam, near Paradise, CA

Sacramento River Basin

LOCATION.--Lat 39°52'01", long 121°37'58" referenced to North American Datum of 1927, in SW ¼ NW ¼ sec.10, T.23 N., R.3 E., Butte County, CA, Hydrologic Unit 18020120, on left bank, 400 ft downstream from Centerville Diversion Dam, 0.2 mi downstream from De Sabla Powerplant, and 6.8 mi north of Paradise.

DRAINAGE AREA.--101 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--November 1985 to February 1986, June 1986 to current year (low-flow records only).

GAGE.--Water-stage recorder. Elevation of gage is 1,130 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 several reservoirs and diversions upstream. Flows computed to 102 ft³/s. Most of the water is diverted at Centerville Diversion Dam to the Centerville Powerplant (station 11389775).

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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	78	82	---	---	85	---	---	---	55	49	47	52
2	78	---	---	---	85	---	---	---	55	48	47	52
3	80	84	---	---	85	---	---	---	56	51	47	52
4	82	82	---	---	85	---	---	---	56	53	47	52
5	82	81	---	---	85	---	---	---	57	52	47	52
6	82	82	---	---	85	---	---	96	53	51	47	52
7	82	82	---	---	---	---	---	91	50	51	47	52
8	82	82	---	---	---	---	---	89	51	50	47	52
9	82	82	---	---	---	---	---	92	52	51	47	52
10	82	82	---	---	---	---	---	98	50	51	47	52
11	82	---	---	---	---	---	---	81	51	50	47	52
12	82	85	---	---	---	---	---	72	51	50	47	52
13	82	---	---	---	---	---	---	67	51	50	47	52
14	82	---	---	---	---	---	---	62	51	50	47	52
15	82	---	---	89	---	---	---	56	50	50	47	52
16	82	---	---	90	---	---	---	53	51	50	47	52
17	82	---	---	90	---	---	---	62	51	50	47	52
18	82	84	---	89	---	---	---	75	50	50	47	52
19	82	82	---	87	---	---	---	72	51	50	47	52
20	82	82	---	85	---	---	---	71	51	49	47	52
21	82	---	---	85	---	---	---	65	49	50	47	52
22	82	---	---	85	---	---	---	51	49	50	46	52
23	82	---	---	85	---	---	---	50	47	50	45	52
24	82	---	---	85	---	---	---	46	47	50	46	62
25	82	84	---	85	---	---	---	48	47	48	46	68
26	82	---	---	85	---	---	102	47	48	47	46	69
27	82	---	---	85	---	---	---	48	48	47	50	68
28	82	---	---	85	---	---	---	48	48	47	52	68
29	82	88	---	85	---	---	---	48	48	47	52	69
30	82	---	---	85	---	---	---	48	49	47	52	69
31	82	---	---	85	---	---	---	50	---	47	52	---
Total	2,532	---	---	---	---	---	---	---	1,523	1,536	1,474	1,669
Mean	81.7	---	---	---	---	---	---	---	50.8	49.5	47.5	55.6
Max	82	---	---	---	---	---	---	---	57	53	52	69
Min	78	---	---	---	---	---	---	---	47	47	45	52
Ac-ft	5,020	---	---	---	---	---	---	---	3,020	3,050	2,920	3,310
Discharge, in acre-feet, from Centerville Powerplant	2,850	2,810	5,080	5,610	2,260	3,790	4,960	5,150	4,750	3,980	3,530	2,380

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