

**11376015 North Fork Battle Creek below North Battle Creek Dam, near Manzanita Lake, CA**

Sacramento River Basin

LOCATION.--Lat 40°36'10", long 121°39'17" referenced to North American Datum of 1927, in SE ¼ SE ¼ sec.20, T.32 N., R.3 E., Shasta County, CA, Hydrologic Unit 18020118, Lassen National Forest, on left bank, 300 ft downstream from North Battle Creek Dam, and 6.7 mi northwest of Manzanita Lake.

DRAINAGE AREA.--6.40 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 1987 to current year (operated as a low-flow station only). Unpublished records for water years 1978-87 available in files of the U.S. Geological Survey. Fragmentary records for water years 1920-77 in files of the Pacific Gas and Electric Co.

GAGE.--Water-stage recorder and a compound weir consisting of a 5-ft rectangular and V-notch weir. Elevation of gage is 5,560 ft above NGVD of 1929, from topographic map.

COOPERATION.--Records, including contents at end of month for North Fork Battle Creek Reservoir (station 11376010), 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. 1121.

REMARKS.--This station records fishwater release only. The minimum release requirement is 0.30 ft<sup>3</sup>/s Oct. 1-31 and Apr. 1 to Sept. 30. No license requirement Nov. 1 to Mar. 31, records not computed. Each fall, North Fork Battle Creek Reservoir is drafted and flows may exceed the rated limits of the weirs; flow is computed to 60 ft<sup>3</sup>/s. See schematic diagram of Battle Creek and Cow Creek Basins available from the California Water Science Center.

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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	16	8.0	---	---	---	---	3.2	1.7	1.2	1.1	0.64	1.2
2	18	8.0	---	---	---	---	3.2	7.4	1.2	1.1	0.71	1.1
3	20	8.0	---	---	---	---	3.0	6.4	1.2	1.1	0.62	1.1
4	14	7.9	---	---	---	---	2.9	5.5	1.3	1.2	0.62	1.1
5	9.7	7.9	---	---	---	---	2.9	5.0	1.4	1.2	0.60	1.0
6	9.6	7.7	---	---	---	---	2.9	4.2	1.4	1.0	0.53	1.0
7	9.5	7.7	---	---	---	---	2.9	3.4	1.4	1.0	0.55	0.99
8	9.5	7.7	---	---	---	---	2.9	3.2	1.4	0.92	0.53	0.92
9	9.5	7.6	---	---	---	---	2.9	3.1	1.4	0.88	0.51	0.93
10	9.4	7.5	---	---	---	---	2.0	2.4	1.4	0.85	0.48	0.80
11	9.3	7.5	---	---	---	---	1.2	1.9	1.3	0.77	0.55	0.74
12	9.2	7.5	---	---	---	---	1.2	1.8	1.3	0.79	0.53	3.8
13	9.0	7.4	---	---	---	---	1.1	1.8	1.3	0.79	0.55	5.8
14	9.0	---	---	---	---	---	1.0	1.8	1.3	0.81	0.58	5.8
15	8.9	---	---	---	---	---	0.90	1.8	1.3	0.72	0.56	5.8
16	8.8	---	---	---	---	---	0.85	1.6	1.3	0.70	0.61	5.8
17	8.8	---	---	---	---	---	0.87	1.5	1.3	0.68	0.64	5.8
18	8.8	---	---	---	---	---	0.91	1.4	1.3	0.72	0.62	5.8
19	8.8	---	---	---	---	---	0.87	1.4	1.3	0.74	0.65	5.8
20	8.7	---	---	---	---	---	0.81	1.4	1.3	0.72	0.59	5.7
21	8.6	---	---	---	---	---	0.82	1.4	1.3	0.63	0.53	5.7
22	8.6	---	---	---	---	---	0.62	1.4	1.2	0.68	0.51	5.7
23	8.6	---	---	---	---	---	0.53	1.3	1.1	0.82	0.46	5.6
24	8.5	---	---	---	---	---	0.54	1.3	1.1	0.72	0.44	5.6
25	8.4	---	---	---	---	---	0.56	1.3	1.1	0.74	0.50	5.6
26	8.4	---	---	---	---	---	0.54	1.3	1.1	0.62	0.48	5.6
27	8.3	---	---	---	---	3.1	0.56	1.3	1.1	0.56	0.43	7.3
28	8.2	---	---	---	---	3.1	0.58	1.3	1.1	0.58	1.0	8.8
29	8.2	---	---	---	---	3.1	0.58	1.3	1.1	0.61	1.4	8.7
30	8.1	---	---	---	---	3.1	0.67	1.3	1.1	0.60	1.4	8.6
31	8.0	---	---	---	---	3.2	---	1.3	---	0.60	1.3	---
<b>Total</b>	306.4	---	---	---	---	---	44.51	73.2	37.6	24.95	20.12	128.18
<b>Mean</b>	9.88	---	---	---	---	---	1.48	2.36	1.25	0.80	0.65	4.27
<b>Max</b>	20	---	---	---	---	---	3.2	7.4	1.4	1.2	1.4	8.8
<b>Min</b>	8.0	---	---	---	---	---	0.53	1.3	1.1	0.56	0.43	0.74
<b>Ac-ft</b>	608	---	---	---	---	---	88	145	75	49	40	254
<b>Contents, in acre-feet, at end of month for North Fork Battle Creek Reservoir</b>	232	213	463	550	733	793	1,070	1,030	933	829	722	490

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