



Water-Data Report 2008

## 11376050 North Fork Battle Creek below diversion to Keswick Canal, near Manton, CA

Sacramento River Basin

LOCATION.--Lat 40°30'00", long 121°48'29" referenced to North American Datum of 1927, in NW ¼ NE ¼ sec.36, T.31 N., R.1 E., Shasta County, CA, Hydrologic Unit 18020118, on right bank, 4.2 mi east of Shingletown, and 5.5 mi northeast of Manton.

DRAINAGE AREA.--74.4 mi<sup>2</sup>.

### **SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 1986 to current year (operated as a low-flow station only). Unpublished records for water years 1978-86 available in files of the U.S. Geological Survey.

GAGE.--Water-stage recorder and Parshall flume. Elevation of gage is 3,600 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. 1121.

REMARKS.--This station records fishwater release only. The minimum release requirement is 3.0 ft<sup>3</sup>/s at all times; flow is computed to 5.6 ft<sup>3</sup>/s. See schematic diagram of Battle Creek and Cow Creek Basins available from the California Water Science Center.

## 11376050 North Fork Battle Creek below diversion to Keswick Canal, near Manton, 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	3.8	3.7	3.5	3.5	3.6	---	---	3.5	3.5	3.4	3.5	3.5
2	3.7	3.6	3.5	3.5	3.6	---	---	3.5	3.5	3.4	3.5	3.5
3	3.7	3.6	3.5	3.5	3.6	---	---	3.5	3.5	3.5	3.5	3.5
4	3.7	3.5	3.7	3.6	3.6	4.1	3.5	3.5	3.5	3.5	3.5	3.5
5	3.7	3.4	3.6	3.5	3.6	4.1	3.5	3.5	3.5	3.4	3.5	3.5
6	3.7	3.4	3.6	3.5	3.5	---	3.5	3.5	3.5	3.4	3.5	3.5
7	3.6	3.5	3.6	3.5	3.5	---	3.5	3.5	3.5	3.4	3.5	3.5
8	3.6	3.5	3.5	3.5	3.5	3.6	3.5	3.5	3.5	3.5	3.5	3.5
9	3.6	3.5	3.5	3.4	3.5	3.6	3.5	3.5	3.5	3.5	3.5	3.5
10	3.6	3.5	3.5	3.4	3.6	3.5	3.4	3.5	3.5	3.5	3.5	3.5
11	3.6	3.5	3.5	3.4	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5
12	3.6	3.5	3.5	3.4	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5
13	3.6	3.5	3.5	3.5	3.6	3.7	3.6	3.5	3.5	3.5	3.5	3.5
14	3.6	3.5	3.5	3.5	3.6	3.8	3.7	3.6	3.5	3.5	3.5	3.5
15	3.6	3.5	3.5	3.5	3.6	4.0	3.7	3.6	3.5	3.5	3.5	3.5
16	3.6	3.5	3.5	3.5	3.6	4.0	3.7	3.6	3.5	3.5	3.5	3.5
17	3.6	3.5	3.5	3.4	3.6	3.9	3.6	3.5	3.5	3.5	3.5	3.5
18	3.6	3.5	3.5	3.4	3.6	3.9	3.6	3.5	3.4	3.5	3.5	3.5
19	---	3.5	3.5	3.4	3.6	4.0	3.6	3.6	3.5	3.5	3.5	3.5
20	---	3.6	3.6	3.4	3.6	---	3.5	3.6	3.5	3.5	3.5	3.5
21	5.3	3.5	3.5	3.5	3.6	4.0	3.5	3.6	3.5	3.5	3.5	3.5
22	4.9	3.5	3.5	3.5	3.7	3.9	3.5	3.6	3.5	3.5	3.5	3.5
23	4.2	3.5	3.5	3.4	3.7	3.8	3.5	3.6	3.5	3.5	3.6	3.4
24	3.6	3.5	3.5	3.5	3.8	---	3.5	3.6	3.5	3.5	3.6	3.4
25	3.6	3.5	3.5	3.4	3.8	---	3.5	3.7	3.5	3.5	3.6	3.4
26	3.5	3.5	3.5	3.5	3.8	---	3.5	3.7	3.5	3.5	3.6	3.5
27	3.5	3.5	3.5	3.6	3.8	---	3.5	3.6	3.5	3.5	3.5	3.6
28	3.6	3.5	3.5	3.6	4.0	---	3.6	3.6	3.5	3.5	3.5	3.6
29	3.7	3.5	3.5	3.6	4.1	---	3.6	3.6	3.4	3.5	3.5	3.6
30	3.7	3.5	3.5	3.6	---	---	3.5	3.6	3.5	3.5	3.5	3.6
31	3.7	---	3.5	3.6	---	---	---	3.5	---	3.5	3.5	---
<b>Total</b>	---	105.3	109.1	108.1	105.9	---	---	110.2	104.8	108.0	108.9	105.1
<b>Mean</b>	---	3.51	3.52	3.49	3.65	---	---	3.55	3.49	3.48	3.51	3.50
<b>Max</b>	---	3.7	3.7	3.6	4.1	---	---	3.7	3.5	3.5	3.6	3.6
<b>Min</b>	---	3.4	3.5	3.4	3.5	---	---	3.5	3.4	3.4	3.5	3.4
<b>Ac-ft</b>	---	209	216	214	210	---	---	219	208	214	216	208

11376050 North Fork Battle Creek below diversion to Keswick Canal, near Manton, CA—Continued

