# 11376460 South Fork Battle Creek below diversion to Coleman Canal, near Manton, CA

Sacramento River Basin

LOCATION.--Lat 40°24′10″, long 121°58′02″ referenced to North American Datum of 1927, in NW ¼ NW ¼ sec.3, T.29 N., R.1 W., Tehama County, CA, Hydrologic Unit 18020118, on right bank, 7.5 mi southwest of Shingletown, and 5.6 mi southwest of Manton.

DRAINAGE AREA.--102 $mi^2$.

## SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1987 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 Unpublished records for water years 1978-86 available in files of the U.S. Geological Survey. Fragmentary records for water year 1977 available in files of Pacific Gas and Electric Co.

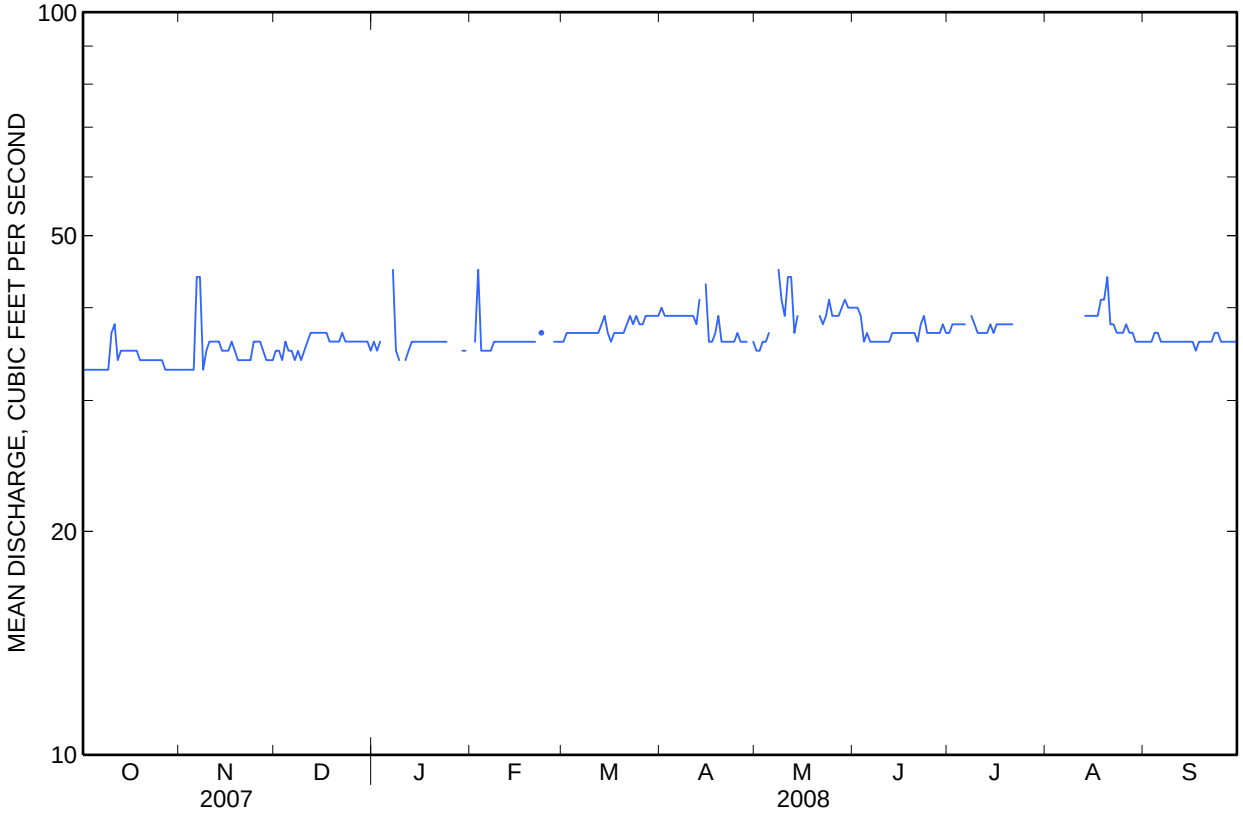
GAGE.--Water-stage recorder and metal Alaskan fishladder. Elevation of gage is 980 ft above NGVD of 1929, from topographic map.

COOPERATION.--Records were collected by the 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. Prior to water year 1996 flow computed to 10 $ft^3/s$. The minimum release requirement is 5.0 $ft^3/s$ at all times; flow is computed to 45 $ft^3/s$. See schematic diagram of Battle Creek and Cow Creek Basins available from the California Water Science Center.

**11376460 South Fork Battle Creek below diversion to Coleman 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 | 33 | 33 | 35 | 36 | --- | 36 | 40 | 35 | 40 | 37 | --- | 36 |
| 2 | 33 | 33 | 35 | 35 | 36 | 37 | 39 | 35 | 40 | 38 | --- | 36 |
| 3 | 33 | 33 | 34 | 36 | 45 | 37 | 39 | 36 | 39 | 38 | --- | 36 |
| 4 | 33 | 33 | 36 | --- | 35 | 37 | 39 | 36 | 36 | 38 | --- | 37 |
| 5 | 33 | 33 | 35 | --- | 35 | 37 | 39 | 37 | 37 | 38 | --- | 37 |
| 6 | 33 | 44 | 35 | --- | 35 | 37 | 39 | --- | 36 | 38 | --- | 36 |
| 7 | 33 | 44 | 34 | 45 | 35 | 37 | 39 | --- | 36 | --- | --- | 36 |
| 8 | 33 | 33 | 35 | 35 | 36 | 37 | 39 | 45 | 36 | 39 | --- | 36 |
| 9 | 33 | 35 | 34 | 34 | 36 | 37 | 39 | 41 | 36 | 38 | --- | 36 |
| 10 | 37 | 36 | 35 | --- | 36 | 37 | 39 | 39 | 36 | 37 | --- | 36 |
| 11 | 38 | 36 | 36 | 34 | 36 | 37 | 39 | 44 | 36 | 37 | --- | 36 |
| 12 | 34 | 36 | 37 | 35 | 36 | 37 | 38 | 44 | 36 | 37 | --- | 36 |
| 13 | 35 | 36 | 37 | 36 | 36 | 38 | 41 | 37 | 37 | 37 | 39 | 36 |
| 14 | 35 | 35 | 37 | 36 | 36 | 39 | --- | 39 | 37 | 38 | 39 | 36 |
| 15 | 35 | 35 | 37 | 36 | 36 | 37 | 43 | --- | 37 | 37 | 39 | 36 |
| 16 | 35 | 35 | 37 | 36 | 36 | 36 | 36 | --- | 37 | 38 | 39 | 36 |
| 17 | 35 | 36 | 37 | 36 | 36 | 37 | 36 | --- | 37 | 38 | 39 | 35 |
| 18 | 35 | 35 | 36 | 36 | 36 | 37 | 37 | --- | 37 | 38 | 41 | 36 |
| 19 | 34 | 34 | 36 | 36 | 36 | 37 | 39 | --- | 37 | 38 | 41 | 36 |
| 20 | 34 | 34 | 36 | 36 | 36 | 37 | 36 | --- | 37 | 38 | 44 | 36 |
| 21 | 34 | 34 | 36 | 36 | 36 | 38 | 36 | 39 | 36 | 38 | 38 | 36 |
| 22 | 34 | 34 | 37 | 36 | --- | 39 | 36 | 38 | 38 | --- | 38 | 36 |
| 23 | 34 | 34 | 36 | 36 | 37 | 38 | 36 | 39 | 39 | --- | 37 | 37 |
| 24 | 34 | 36 | 36 | 36 | --- | 39 | 36 | 41 | 37 | --- | 37 | 37 |
| 25 | 34 | 36 | 36 | --- | --- | 38 | 37 | 39 | 37 | --- | 37 | 36 |
| 26 | 34 | 36 | 36 | --- | --- | 38 | 36 | 39 | 37 | --- | 38 | 36 |
| 27 | 33 | 35 | 36 | --- | 36 | 39 | 36 | 39 | 37 | --- | 37 | 36 |
| 28 | 33 | 34 | 36 | --- | 36 | 39 | 36 | 40 | 37 | --- | 37 | 36 |
| 29 | 33 | 34 | 36 | 35 | 36 | 39 | --- | 41 | 38 | --- | 36 | 36 |
| 30 | 33 | 34 | 36 | 35 | --- | 39 | 36 | 40 | 37 | --- | 36 | 36 |
| 31 | 33 | --- | 35 | --- | --- | 39 | --- | 40 | --- | --- | 36 | --- |
| Total | 1,053 | 1,056 | 1,110 | --- | --- | 1,166 | --- | --- | 1,113 | --- | --- | 1,083 |
| Mean | 34.0 | 35.2 | 35.8 | --- | --- | 37.6 | --- | --- | 37.1 | --- | --- | 36.1 |
| Max | 38 | 44 | 37 | --- | --- | 39 | --- | --- | 40 | --- | --- | 37 |
| Min | 33 | 33 | 34 | --- | --- | 36 | --- | --- | 36 | --- | --- | 35 |
| Ac-ft | 2,090 | 2,090 | 2,200 | --- | --- | 2,310 | --- | --- | 2,210 | --- | --- | 2,150 |

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