Water-Data Report 2008

11313472 Upper Blue Lake Outlet near Markleeville, CA

San Joaquin River Basin

LOCATION.--Lat 38°37′35″, long 119°56′10″ referenced to North American Datum of 1927, in NW ¼ NW ¼ sec.19, T.9 N., R.19 E., Alpine County, CA, Hydrologic Unit 18040012, in Eldorado National Forest, on left bank, 1,000 ft downstream from Upper Blue Lake Dam, 9.0 mi southeast of Kirkwood, and 9.8 mi southwest of Markleeville.

DRAINAGE AREA.--2.64 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1988 to current year. Unpublished records for water years 1981-88 available in files of the U.S. Geological Survey.

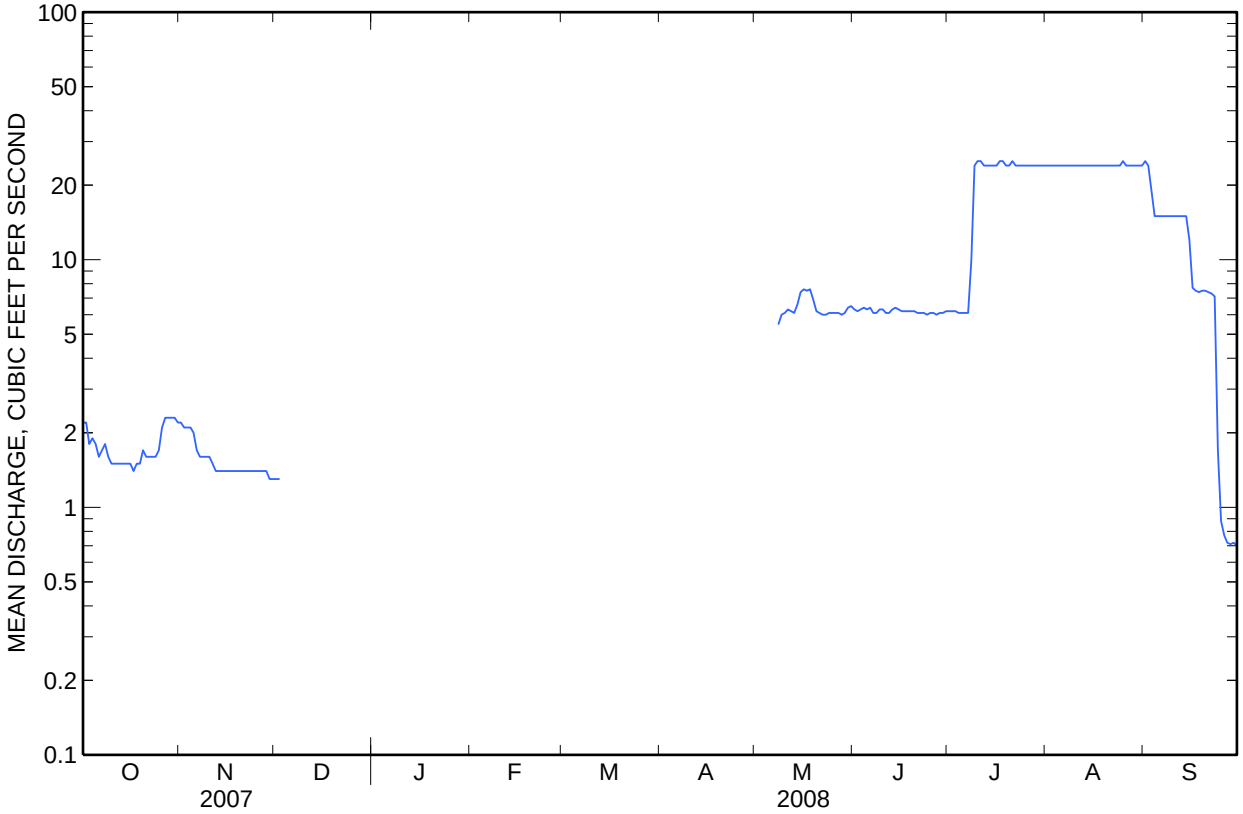
GAGE.--Water-stage recorder and V-notch sharp-crested weir. Elevation of gage is 8,100 ft above NGVD of 1929, from topographic map. Prior to October 1987, nonrecording gage at same site at different datum.

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. 137. Contents not rounded to U.S. Geological Survey standards.

REMARKS.--Records not computed for winter months or above 70 ft^3/s. Low and medium flow regulated by Upper Blue Lake, capacity, 7,300 acre-ft, 1,000 ft upstream. See schematic diagram of Mokelumne River Basin available from the California Water Science Center.

11313472 Upper Blue Lake Outlet near Markleeville, 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	2.2	2.2	1.3	---	---	---	---	---	6.3	6.2	24	25
2	2.2	2.1	1.3	---	---	---	---	---	6.2	6.2	24	24
3	1.8	2.1	---	---	---	---	---	---	6.3	6.2	24	19
4	1.9	2.1	---	---	---	---	---	---	6.4	6.1	24	15
5	1.8	2.0	---	---	---	---	---	---	6.3	6.1	24	15
6	1.6	1.7	---	---	---	---	---	---	6.4	6.1	24	15
7	1.7	1.6	---	---	---	---	---	---	6.1	6.1	24	15
8	1.8	1.6	---	---	---	---	---	5.5	6.1	9.9	24	15
9	1.6	1.6	---	---	---	---	---	6.0	6.3	24	24	15
10	1.5	1.6	---	---	---	---	---	6.1	6.3	25	24	15
11	1.5	1.5	---	---	---	---	---	6.3	6.1	25	24	15
12	1.5	1.4	---	---	---	---	---	6.2	6.1	24	24	15
13	1.5	1.4	---	---	---	---	---	6.1	6.3	24	24	15
14	1.5	1.4	---	---	---	---	---	6.6	6.4	24	24	15
15	1.5	1.4	---	---	---	---	---	7.4	6.3	24	24	12
16	1.5	1.4	---	---	---	---	---	7.6	6.2	24	24	7.7
17	1.4	1.4	---	---	---	---	---	7.5	6.2	25	24	7.5
18	1.5	1.4	---	---	---	---	---	7.6	6.2	25	24	7.4
19	1.5	1.4	---	---	---	---	---	6.9	6.2	24	24	7.5
20	1.7	1.4	---	---	---	---	---	6.2	6.2	24	24	7.5
21	1.6	1.4	---	---	---	---	---	6.1	6.1	25	24	7.4
22	1.6	1.4	---	---	---	---	---	6.0	6.1	24	24	7.3
23	1.6	1.4	---	---	---	---	---	6.0	6.1	24	24	7.1
24	1.6	1.4	---	---	---	---	---	6.1	6.0	24	24	1.7
25	1.7	1.4	---	---	---	---	---	6.1	6.1	24	25	0.88
26	2.1	1.4	---	---	---	---	---	6.1	6.1	24	24	0.77
27	2.3	1.4	---	---	---	---	---	6.1	6.0	24	24	0.72
28	2.3	1.4	---	---	---	---	---	6.0	6.1	24	24	0.71
29	2.3	1.3	---	---	---	---	---	6.1	6.1	24	24	0.72
30	2.3	1.3	---	---	---	---	---	6.4	6.2	24	24	0.70
31	2.2	---	---	---	---	---	---	6.5	---	24	24	---
Total	54.8	46.5	---	---	---	---	---	---	185.8	609.9	745	310.60
Mean	1.77	1.55	---	---	---	---	---	---	6.19	19.7	24.0	10.4
Max	2.3	2.2	---	---	---	---	---	---	6.4	25	25	25
Min	1.4	1.3	---	---	---	---	---	---	6.0	6.1	24	0.70
Ac-ft	109	92	---	---	---	---	---	---	369	1,210	1,480	616

11313472 Upper Blue Lake Outlet near Markleeville, CA—Continued