Water-Data Report 2008

11313477 Lower Blue Lake Outlet near Markleeville, CA

San Joaquin River Basin

LOCATION.--Lat 38°36′24″, long 119°55′31″ referenced to North American Datum of 1927, in SW ¼ NE ¼ sec.30, T.9 N., R.19 E., Alpine County, CA, Hydrologic Unit 18040012, in Eldorado National Forest, on left bank, 800 ft downstream from Lower Blue Lake Dam, and 10.0 mi southwest of Markleeville.

DRAINAGE AREA.--4.66 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1987 to current year. Unpublished records for water years 1981-87 available in files of the U.S. Geological Survey.

GAGE.--Water-stage recorder and V-notch sharp-crested weir. Elevation of gage is 7,870 ft above NGVD of 1929, from topographic map. Prior to October 1987, nonrecording gage at same site and 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.

REMARKS.--Records not computed for winter months or above 70 ft^3/s. Low and medium flow regulated by Lower Blue Lake, capacity, 5,100 acre-ft, 800 ft upstream. See schematic diagram of Mokelumne River Basin available from the California Water Science Center.

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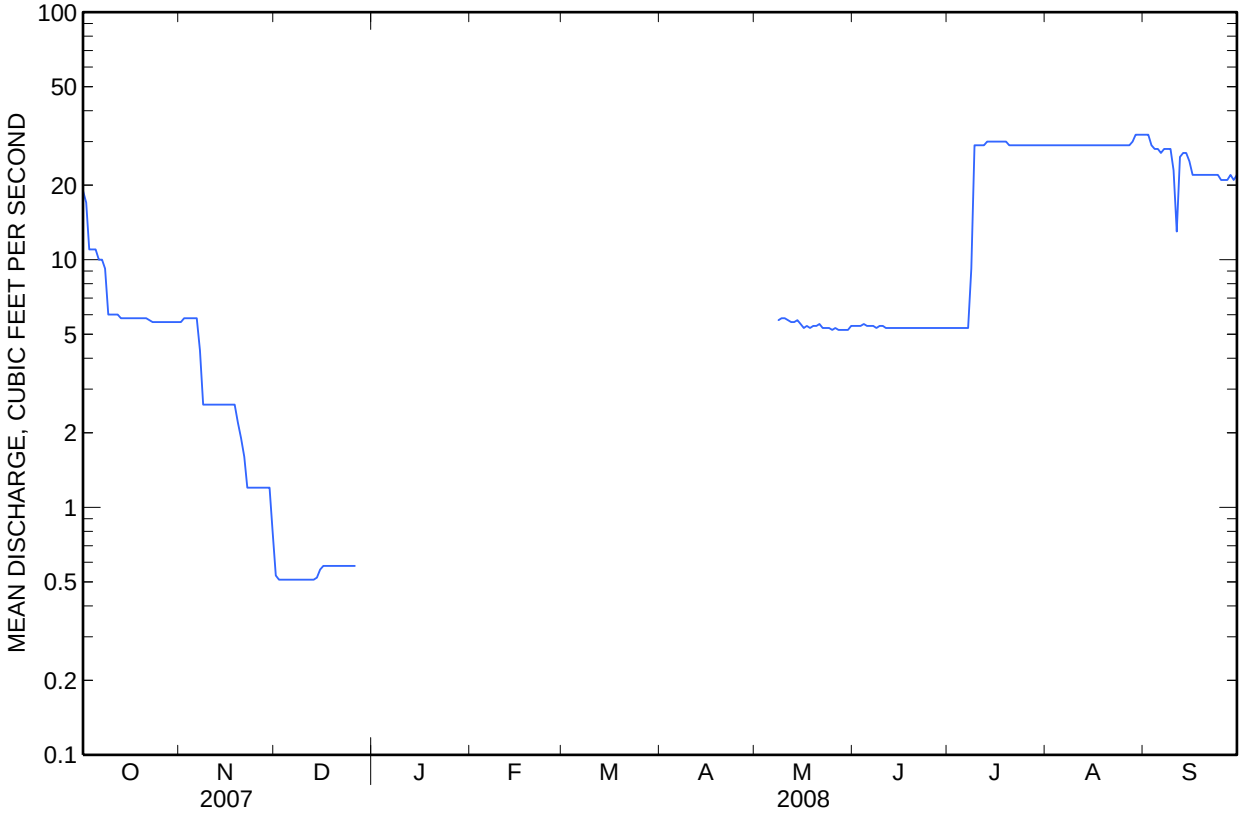
DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	19	5.6	0.53	---	---	---	---	---	5.4	5.3	29	32
2	17	5.8	0.51	---	---	---	---	---	5.4	5.3	29	32
3	11	5.8	0.51	---	---	---	---	---	5.4	5.3	29	29
4	11	5.8	0.51	---	---	---	---	---	5.5	5.3	29	28
5	11	5.8	0.51	---	---	---	---	---	5.4	5.3	29	28
6	10	5.8	0.51	---	---	---	---	---	5.4	5.3	29	27
7	10	4.3	0.51	---	---	---	---	---	5.4	5.3	29	28
8	9.2	2.6	0.51	---	---	---	---	5.7	5.3	9.2	29	28
9	6.0	2.6	0.51	---	---	---	---	5.8	5.4	29	29	28
10	6.0	2.6	0.51	---	---	---	---	5.8	5.4	29	29	23
11	6.0	2.6	0.51	---	---	---	---	5.7	5.3	29	29	13
12	6.0	2.6	0.51	---	---	---	---	5.6	5.3	29	29	26
13	5.8	2.6	0.51	---	---	---	---	5.6	5.3	30	29	27
14	5.8	2.6	0.52	---	---	---	---	5.7	5.3	30	29	27
15	5.8	2.6	0.56	---	---	---	---	5.5	5.3	30	29	25
16	5.8	2.6	0.58	---	---	---	---	5.3	5.3	30	29	22
17	5.8	2.6	0.58	---	---	---	---	5.4	5.3	30	29	22
18	5.8	2.6	0.58	---	---	---	---	5.3	5.3	30	29	22
19	5.8	2.2	0.58	---	---	---	---	5.4	5.3	30	29	22
20	5.8	1.9	0.58	---	---	---	---	5.4	5.3	29	29	22
21	5.8	1.6	0.58	---	---	---	---	5.5	5.3	29	29	22
22	5.7	1.2	0.58	---	---	---	---	5.3	5.3	29	29	22
23	5.6	1.2	0.58	---	---	---	---	5.3	5.3	29	29	22
24	5.6	1.2	0.58	---	---	---	---	5.3	5.3	29	29	22
25	5.6	1.2	0.58	---	---	---	---	5.2	5.3	29	29	21
26	5.6	1.2	0.58	---	---	---	---	5.3	5.3	29	29	21
27	5.6	1.2	---	---	---	---	---	5.2	5.3	29	29	21
28	5.6	1.2	---	---	---	---	---	5.2	5.3	29	30	22
29	5.6	1.2	---	---	---	---	---	5.2	5.3	29	32	21
30	5.6	0.80	---	---	---	---	---	5.2	5.3	29	32	22
31	5.6	---	---	---	---	---	---	5.4	---	29	32	---
Total	230.5	83.60	---	---	---	---	---	---	160.0	720.3	909	727
Mean	7.44	2.79	---	---	---	---	---	---	5.33	23.2	29.3	24.2
Max	19	5.8	---	---	---	---	---	---	5.5	30	32	32
Min	5.6	0.80	---	---	---	---	---	---	5.3	5.3	29	13
Ac-ft	457	166	---	---	---	---	---	---	317	1,430	1,800	1,440

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