

Water-Data Report 2007

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 mi².

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 Unpublished records for water years 1981-87 available in files of the U.S. Geological Survey.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 ft³/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 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	28	11	12	---	---	---	---	6.3	6.0	21	19	19
2	28	11	12	---	---	---	---	6.1	6.0	20	19	19
3	28	11	12	---	---	---	---	6.0	6.0	20	19	19
4	28	11	11	---	---	---	---	6.0	6.0	20	20	19
5	28	11	---	---	---	---	---	6.0	6.0	20	19	19
6	28	11	---	---	---	---	---	6.0	6.0	20	19	19
7	28	11	---	---	---	---	---	6.0	6.0	20	19	19
8	28	11	---	---	---	---	---	6.2	6.0	20	19	19
9	25	11	---	---	---	---	---	6.1	6.0	20	20	19
10	16	11	---	---	---	---	---	6.1	6.0	20	20	19
11	16	11	---	---	---	---	---	6.0	6.0	20	20	19
12	11	11	---	---	---	---	---	6.1	6.0	20	20	19
13	5.3	11	---	---	---	---	---	6.0	6.0	20	20	19
14	5.3	11	---	---	---	---	---	6.1	6.0	20	20	19
15	5.3	11	---	---	---	---	---	6.1	6.0	20	20	19
16	5.3	11	---	---	---	---	---	6.1	6.0	19	20	19
17	5.3	11	---	---	---	---	---	6.1	5.9	20	20	19
18	5.3	11	---	---	---	---	---	6.2	5.9	20	20	19
19	5.3	11	---	---	---	---	---	6.2	5.8	20	20	19
20	5.2	11	---	---	---	---	---	6.2	5.8	20	20	19
21	5.2	11	---	---	---	---	---	6.2	5.8	20	20	19
22	5.2	11	---	---	---	---	---	6.2	5.8	20	20	19
23	5.2	11	---	---	---	---	---	6.1	5.8	20	19	19
24	9.1	11	---	---	---	---	---	6.0	5.8	20	19	19
25	11	11	---	---	---	---	---	6.0	15	20	19	19
26	11	11	---	---	---	---	6.1	6.0	22	20	19	15
27	11	11	---	---	---	---	6.2	6.0	22	19	19	10
28	11	11	---	---	---	---	6.3	6.0	22	19	20	19
29	11	12	---	---	---	---	6.1	6.0	22	19	19	19
30	11	12	---	---	---	---	6.2	5.9	22	19	19	19
31	11	---	---	---	---	---	---	6.0	---	19	19	---
Total	436.0	332	---	---	---	---	---	188.3	267.6	615	605	557
Mean	14.1	11.1	---	---	---	---	---	6.07	8.92	19.8	19.5	18.6
Max	28	12	---	---	---	---	---	6.3	22	21	20	19
Min	5.2	11	---	---	---	---	---	5.9	5.8	19	19	10
Ac-ft	865	659	---	---	---	---	---	373	531	1,220	1,200	1,100

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