



USGS Water-Year Summary 2018

11399000 Lake Almanor at Prattville, CA

LOCATION - Lat 40°12'46", long 121°09'43" referenced to North American Datum of 1927, in SW 1/4 NE 1/4 sec.11, T.27 N., R.7 E., Plumas County, CA, Hydrologic Unit 18020121, Lassen National Forest, at intake tower to Butt Valley Tunnel at Prattville, 4.7 mi northwest of Lake Almanor Dam, and 5.6 mi northwest of Canyon Dam.

DRAINAGE AREA - 491 mi².

[REVISIONS HISTORY](#) - WSP 1931: Drainage area.

SURFACE-WATER RECORDS

PERIOD OF RECORD - July 1913 to current year. Monthly contents only for some periods, published in WSP 1315-A. Published as "near Prattville" 1937-60. Prior to October 1964, records published as usable contents.

GAGE - Datum of gage is 10.23 ft below NGVD of 1929 (levels by Pacific Gas and Electric Company). Prior to June 1, 1965, nonrecording gage at site 4.7 mi southeast at same datum.

COOPERATION - Records were collected by Pacific Gas and Electric Company, under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project no. 2105.

REMARKS - Lake is formed by earth-fill dam; storage began in July 1913; dam raised to elevation 4,455 ft in 1917 and 4,515 ft in 1927. Contents based on capacity table dated 1926. Usable capacity, 1,175,000 acre-ft, between elevations 4,422 ft, invert of outlet, and 4,495.5 ft, maximum storage limit. Dead storage, 8,948 acre-ft. Water is diverted by tunnel and penstock to Butt Valley Powerplant (station 11400600) and then is used for power development in the North Fork Feather River. Figures given, including extremes, represent total contents at 2400 hours. See schematic diagram of North Fork Feather River Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD - Maximum contents, 1,142,960 acre-ft, June 8, 1982, elevation, 4,494.00 ft; minimum, 5,230 acre-ft, Feb. 5, 1918, elevation, 4,416.1 ft.

U.S. Department of the Interior
U.S. Geological Survey

Suggested citation: U.S. Geological Survey, 2020, National Water Information System data available on the World Wide Web (USGS Water Data for the Nation), accessed [January 14, 2020], https://nwis.waterdata.usgs.gov/nwis/wys_rpt?dv_ts_ids=8213552&adr_begin_date=2017-10-01&adr_end_date=2018-09-30&site_no=11399000&agency_cd=USGS

Water-Data Report 2018
11399000 Lake Almanor at Prattville, CA -- Continued

RESERVOIR STORAGE, ACRE FEET
YEAR 2017-10-01 to 2018-09-30
DAILY OBSERVATION AT MIDNIGHT VALUES
[e, Value has been estimated.]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
	2017	2017	2017	2018	2018	2018	2018	2018	2018	2018
1	957,000	924,000	943,000	935,000	930,000	954,000	1,000,000	1,080,000	1,100,000	1,090,000
2	954,000	924,000	943,000	935,000	928,000	956,000	1,010,000	1,080,000	1,110,000	1,090,000
3	953,000	923,000	943,000	934,000	927,000	957,000	1,010,000	1,080,000	1,110,000	1,090,000
4	951,000	924,000	943,000	933,000	926,000	958,000	1,010,000	1,080,000	1,110,000	1,090,000
5	950,000	923,000	943,000	934,000	927,000	958,000	1,010,000	1,080,000	1,110,000	1,090,000
6	949,000	923,000	942,000	933,000	929,000	960,000	1,020,000	1,080,000	1,110,000	1,090,000
7	949,000	922,000	942,000	933,000	930,000	960,000	1,030,000	1,080,000	1,110,000	1,090,000
8	948,000	924,000	941,000	934,000	931,000	959,000	1,030,000	1,080,000	1,100,000	1,090,000
9	946,000	926,000	941,000	935,000	932,000	959,000	1,040,000	1,090,000	1,100,000	1,090,000
10	944,000	927,000	940,000	935,000	933,000	959,000	1,040,000	1,090,000	1,110,000	1,080,000
11	942,000	927,000	939,000	934,000	934,000	959,000	1,040,000	1,090,000	1,100,000	1,080,000
12	939,000	928,000	938,000	934,000	936,000	958,000	1,050,000	1,090,000	1,100,000	1,080,000
13	937,000	929,000	937,000	934,000	937,000	963,000	1,050,000	1,090,000	1,100,000	1,080,000
14	936,000	929,000	936,000	934,000	937,000	964,000	1,050,000	1,090,000	1,100,000	1,080,000
15	935,000	934,000	934,000	934,000	938,000	965,000	1,060,000	1,090,000	1,100,000	1,080,000
16	934,000	936,000	933,000	935,000	940,000	967,000	1,060,000	1,090,000	1,100,000	1,080,000
17	934,000	937,000	932,000	935,000	940,000	967,000	1,060,000	1,100,000	1,100,000	1,080,000
18	933,000	938,000	930,000	936,000	941,000	e968,000	1,060,000	1,100,000	1,100,000	1,070,000
19	932,000	939,000	929,000	937,000	942,000	e969,000	1,060,000	1,100,000	1,100,000	1,070,000
20	931,000	940,000	930,000	937,000	943,000	e971,000	1,070,000	1,100,000	1,100,000	1,070,000
21	931,000	942,000	930,000	937,000	944,000	972,000	1,070,000	1,100,000	1,100,000	1,070,000
22	931,000	942,000	932,000	937,000	944,000	980,000	1,070,000	1,100,000	1,100,000	1,070,000
23	931,000	941,000	932,000	936,000	945,000	983,000	1,070,000	1,100,000	1,100,000	1,070,000
24	928,000	941,000	934,000	937,000	946,000	988,000	1,070,000	1,100,000	1,100,000	1,070,000
25	925,000	940,000	934,000	937,000	947,000	991,000	1,070,000	1,100,000	1,100,000	1,060,000
26	923,000	941,000	936,000	937,000	948,000	993,000	1,070,000	1,100,000	1,100,000	1,060,000
27	922,000	942,000	937,000	936,000	949,000	996,000	1,070,000	1,100,000	1,100,000	1,060,000
28	922,000	943,000	938,000	935,000	950,000	998,000	1,070,000	1,110,000	1,100,000	1,060,000
29	922,000	944,000	938,000	933,000		1,000,000	1,080,000	1,110,000	1,100,000	1,060,000
30	923,000	943,000	937,000	932,000		1,000,000	1,080,000	1,100,000	1,100,000	1,060,000
31	923,000		936,000	931,000		1,000,000		1,100,000		1,050,000
Mean	936,600	933,200	936,900	934,800	937,600	972,000	1,049,000	1,093,000	1,102,000	1,076,000
Max	957000	944000	943000	937000	950000	1000000	1080000	1110000	1110000	1090000
Min	922000	922000	929000	931000	926000	954000	1000000	1080000	1100000	1050000

Day	Aug	Sep
	2018	2018
1	1,050,000	971,000
2	1,050,000	968,000
3	1,040,000	964,000
4	1,040,000	961,000
5	1,040,000	959,000
6	1,030,000	956,000
7	1,030,000	952,000
8	1,030,000	949,000
9	1,030,000	946,000
10	1,030,000	942,000
11	1,030,000	939,000
12	1,030,000	936,000
13	1,030,000	933,000
14	1,020,000	929,000
15	1,020,000	928,000
16	1,020,000	924,000
17	1,010,000	921,000
18	1,010,000	920,000
19	1,010,000	918,000
20	1,000,000	914,000
21	1,000,000	911,000
22	999,000	907,000
23	995,000	904,000
24	991,000	900,000
25	987,000	897,000
26	986,000	893,000
27	985,000	890,000
28	982,000	887,000
29	979,000	884,000
30	976,000	881,000
31	974,000	
Mean	1,013,000	926,100
Max	1050000	971000
Min	974000	881000

