



USGS Water-Year Summary 2019

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, 2021, National Water Information System data available on the World Wide Web (USGS Water Data for the Nation), accessed [January 12, 2021], https://nwis.waterdata.usgs.gov/nwis/wys_rpt?dv_ts_ids=&213552&adr_begin_date=2018-10-01&adr_end_date=2019-09-30&site_no=11399000&agency_cd=USGS

Water-Data Report 2019

11399000 Lake Almanor at Prattville, CA -- Continued

**RESERVOIR STORAGE, ACRE-FEET
YEAR 2018-10-01 to 2019-09-30
DAILY OBSERVATION AT MIDNIGHT VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
	2018	2018	2018	2019	2019	2019	2019	2019	2019	2019
1	882,000	891,000	915,000	895,000	903,000	946,000	957,000	1,030,000	1,090,000	1,090,000
2	883,000	891,000	916,000	892,000	906,000	947,000	960,000	1,030,000	1,090,000	1,090,000
3	884,000	892,000	915,000	890,000	909,000	946,000	963,000	1,040,000	1,090,000	1,090,000
4	885,000	892,000	914,000	887,000	913,000	945,000	965,000	1,040,000	1,100,000	1,090,000
5	886,000	893,000	913,000	889,000	915,000	946,000	969,000	1,040,000	1,100,000	1,090,000
6	887,000	893,000	911,000	891,000	916,000	947,000	971,000	1,040,000	1,100,000	1,090,000
7	888,000	892,000	910,000	889,000	917,000	948,000	975,000	1,040,000	1,100,000	1,080,000
8	888,000	891,000	912,000	888,000	919,000	948,000	978,000	1,040,000	1,110,000	1,080,000
9	889,000	892,000	912,000	891,000	921,000	947,000	981,000	1,050,000	1,110,000	1,080,000
10	887,000	892,000	911,000	891,000	922,000	946,000	982,000	1,050,000	1,110,000	1,080,000
11	887,000	893,000	911,000	891,000	923,000	945,000	983,000	1,050,000	1,110,000	1,080,000
12	887,000	893,000	910,000	892,000	924,000	943,000	984,000	1,050,000	1,110,000	1,070,000
13	888,000	894,000	908,000	893,000	929,000	942,000	985,000	1,050,000	1,110,000	1,070,000
14	888,000	894,000	910,000	895,000	935,000	940,000	986,000	1,050,000	1,110,000	1,070,000
15	889,000	895,000	911,000	896,000	936,000	939,000	988,000	1,060,000	1,110,000	1,070,000
16	890,000	896,000	914,000	903,000	937,000	937,000	989,000	1,060,000	1,110,000	1,070,000
17	890,000	897,000	915,000	906,000	938,000	935,000	991,000	1,070,000	1,110,000	1,070,000
18	891,000	897,000	914,000	907,000	938,000	934,000	992,000	1,070,000	1,110,000	1,070,000
19	891,000	898,000	913,000	907,000	938,000	933,000	994,000	1,070,000	1,110,000	1,070,000
20	891,000	899,000	913,000	910,000	938,000	934,000	996,000	1,070,000	1,110,000	1,070,000
21	891,000	901,000	912,000	911,000	937,000	934,000	999,000	1,070,000	1,110,000	1,060,000
22	892,000	903,000	910,000	912,000	937,000	936,000	1,000,000	1,070,000	1,110,000	1,060,000
23	892,000	904,000	908,000	913,000	936,000	938,000	1,000,000	1,080,000	1,110,000	1,060,000
24	890,000	905,000	908,000	912,000	936,000	939,000	1,010,000	1,080,000	1,110,000	1,060,000
25	888,000	906,000	908,000	911,000	940,000	943,000	1,010,000	1,080,000	1,110,000	1,060,000
26	887,000	907,000	907,000	909,000	945,000	946,000	1,020,000	1,080,000	1,100,000	1,060,000
27	887,000	908,000	906,000	907,000	948,000	950,000	1,020,000	1,080,000	1,100,000	1,060,000
28	888,000	910,000	904,000	907,000	947,000	952,000	1,020,000	1,080,000	1,100,000	1,050,000
29	888,000	913,000	902,000	905,000		954,000	1,030,000	1,090,000	1,100,000	1,050,000
30	889,000	914,000	900,000	902,000		955,000	1,030,000	1,090,000	1,100,000	1,050,000
31	890,000		898,000	903,000		956,000		1,090,000		1,050,000
Mean	888,200	898,200	910,000	899,800	928,700	943,600	990,900	1,061,000	1,105,000	1,071,000
Max	892000	914000	916000	913000	948000	956000	1030000	1090000	1110000	1090000
Min	882000	891000	898000	887000	903000	933000	957000	1030000	1090000	1050000

Day	Aug	Sep
	2019	2019
1	1,040,000	995,000
2	1,040,000	993,000
3	1,040,000	991,000
4	1,040,000	990,000
5	1,040,000	989,000
6	1,040,000	988,000
7	1,030,000	985,000
8	1,030,000	984,000
9	1,030,000	981,000
10	1,030,000	979,000
11	1,030,000	978,000
12	1,020,000	979,000
13	1,020,000	980,000
14	1,020,000	981,000
15	1,020,000	981,000
16	1,020,000	980,000
17	1,020,000	978,000
18	1,020,000	977,000
19	1,010,000	975,000
20	1,010,000	973,000
21	1,010,000	971,000
22	1,010,000	969,000
23	1,010,000	966,000
24	1,010,000	965,000
25	1,000,000	963,000
26	1,000,000	961,000
27	1,000,000	959,000
28	1,000,000	957,000
29	1,000,000	956,000
30	998,000	954,000
31	997,000	
Mean	1,019,000	975,900
Max	1040000	995000
Min	997000	954000

