



USGS Water-Year Summary 2017

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.

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.

REVISED RECORDS - WSP 1931: Drainage area.

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, 2018, National Water Information System data available on the World Wide Web (USGS Water Data for the Nation), accessed [March 26, 2018], https://nwis.waterdata.usgs.gov/nwis/wys_rpt?dv_ts_ids=&213552&adr_begin_date=2016-10-01&adr_end_date=2017-09-30&site_no=11399000&agency_cd=USGS

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RESERVOIR STORAGE, ACRE FEET
YEAR 2016-10-01 to 2017-09-30
DAILY OBSERVATION AT MIDNIGHT VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
	2016	2016	2016	2017	2017	2017	2017	2017
1	905,000	897,000	914,000	974,000	1,020,000	1,100,000	1,050,000	1,050,000
2	904,000	898,000	914,000	975,000	1,020,000	1,100,000	1,050,000	1,050,000
3	902,000	899,000	914,000	976,000	1,020,000	1,100,000	1,050,000	1,050,000
4	900,000	900,000	915,000	977,000	1,020,000	1,090,000	1,040,000	1,050,000
5	898,000	901,000	915,000	977,000	1,030,000	1,090,000	1,040,000	1,050,000
6	896,000	902,000	916,000	977,000	1,030,000	1,090,000	1,040,000	1,050,000
7	894,000	903,000	918,000	979,000	1,040,000	1,080,000	1,050,000	1,050,000
8	892,000	903,000	919,000	992,000	1,040,000	1,080,000	1,050,000	1,050,000
9	890,000	904,000	920,000	1,000,000	1,060,000	1,070,000	1,050,000	1,050,000
10	888,000	905,000	927,000	1,010,000	1,080,000	1,070,000	1,050,000	1,050,000
11	887,000	906,000	929,000	1,020,000	1,090,000	1,070,000	1,050,000	1,050,000
12	885,000	907,000	931,000	1,020,000	1,100,000	1,060,000	1,050,000	1,060,000
13	883,000	907,000	934,000	1,020,000	1,100,000	1,060,000	1,050,000	1,060,000
14	885,000	908,000	938,000	1,020,000	1,100,000	1,060,000	1,060,000	1,060,000
15	886,000	909,000	952,000	1,020,000	1,110,000	1,050,000	1,060,000	1,060,000
16	886,000	910,000	960,000	1,020,000	1,110,000	1,050,000	1,060,000	1,060,000
17	885,000	909,000	964,000	1,020,000	1,110,000	1,050,000	1,060,000	1,060,000
18	884,000	907,000	966,000	1,030,000	1,110,000	1,050,000	1,060,000	1,060,000
19	883,000	912,000	967,000	1,030,000	1,110,000	1,050,000	1,060,000	1,060,000
20	882,000	912,000	969,000	1,030,000	1,120,000	1,050,000	1,060,000	1,060,000
21	881,000	912,000	971,000	1,030,000	1,120,000	1,050,000	1,060,000	1,050,000
22	880,000	912,000	971,000	1,030,000	1,120,000	1,050,000	1,060,000	1,060,000
23	880,000	913,000	974,000	1,030,000	1,120,000	1,060,000	1,060,000	1,050,000
24	881,000	913,000	974,000	1,030,000	1,120,000	1,060,000	1,060,000	1,050,000
25	885,000	913,000	974,000	1,030,000	1,110,000	1,060,000	1,060,000	1,050,000
26	886,000	914,000	975,000	1,030,000	1,110,000	1,060,000	1,060,000	1,050,000
27	887,000	914,000	975,000	1,030,000	1,110,000	1,060,000	1,060,000	1,060,000
28	889,000	914,000	976,000	1,030,000	1,110,000	1,060,000	1,050,000	1,060,000
29	891,000	913,000	976,000	1,030,000		1,050,000	1,050,000	1,060,000
30	893,000	914,000	976,000	1,020,000		1,050,000	1,050,000	1,060,000
31	896,000		976,000	1,020,000		1,050,000		1,060,000
Total	27,560,000	27,230,000	29,400,000	31,380,000	30,340,000	33,030,000	31,610,000	32,700,000
Mean	889,200	907,700	948,400	1,012,000	1,084,000	1,065,000	1,054,000	1,055,000
Max	905000	914000	976000	1030000	1120000	1100000	1060000	1060000
Min	880000	897000	914000	974000	1020000	1050000	1040000	1050000

Day	Jun	Jul	Aug	Sep
	2017	2017	2017	2017
1	1,060,000	1,110,000	1,060,000	993,000
2	1,060,000	1,110,000	1,050,000	989,000
3	1,070,000	1,100,000	1,050,000	987,000
4	1,070,000	1,100,000	1,050,000	984,000
5	1,070,000	1,100,000	1,050,000	983,000
6	1,070,000	1,100,000	1,040,000	983,000
7	1,080,000	1,100,000	1,050,000	984,000
8	1,080,000	1,100,000	1,050,000	985,000
9	1,080,000	1,100,000	1,050,000	986,000
10	1,090,000	1,090,000	1,050,000	987,000
11	1,090,000	1,090,000	1,050,000	989,000
12	1,090,000	1,090,000	1,040,000	990,000
13	1,090,000	1,090,000	1,040,000	990,000
14	1,100,000	1,090,000	1,040,000	987,000
15	1,100,000	1,080,000	1,040,000	985,000
16	1,100,000	1,090,000	1,040,000	982,000
17	1,100,000	1,090,000	1,030,000	979,000
18	1,100,000	1,090,000	1,030,000	976,000
19	1,100,000	1,090,000	1,030,000	974,000
20	1,100,000	1,090,000	1,020,000	972,000
21	1,100,000	1,080,000	1,020,000	970,000
22	1,100,000	1,080,000	1,020,000	968,000
23	1,100,000	1,080,000	1,020,000	965,000
24	1,100,000	1,080,000	1,010,000	962,000
25	1,100,000	1,070,000	1,010,000	961,000
26	1,110,000	1,070,000	1,010,000	960,000
27	1,110,000	1,070,000	1,010,000	959,000
28	1,110,000	1,070,000	1,000,000	960,000
29	1,110,000	1,060,000	1,000,000	959,000
30	1,110,000	1,060,000	998,000	958,000
--		1,060,000	995,000	
Total	32,750,000	33,680,000	31,950,000	29,310,000
Mean	1,092,000	1,086,000	1,031,000	976,900
Max	1110000	1110000	1060000	993000
Min	1060000	1060000	995000	958000

