



USGS Water-Year Summary 2016

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, 2017, National Water Information System data available on the World Wide Web (USGS Water Data for the Nation), accessed [January 13, 2017], at URL //nwis.waterdata.usgs.gov/nwis/wys_rpt?dv_ts_ids=&10477&adr_begin_date=2015-10-01&adr_end_date=2016-09-30&site_no=11399000&agency_cd=USGS

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RESERVOIR STORAGE, ACRE FEET
YEAR 2015-10-01 to 2016-09-30
DAILY OBSERVATION AT MIDNIGHT VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
	2015	2015	2015	2016	2016	2016	2016	2016
1	700,000	686,000	703,000	736,000	793,000	834,000	946,000	1,020,000
2	699,000	688,000	703,000	737,000	794,000	835,000	948,000	1,020,000
3	699,000	689,000	706,000	737,000	796,000	837,000	950,000	1,030,000
4	698,000	689,000	707,000	739,000	797,000	840,000	951,000	1,030,000
5	698,000	689,000	707,000	740,000	799,000	848,000	953,000	1,030,000
6	698,000	690,000	709,000	741,000	800,000	856,000	955,000	1,030,000
7	699,000	691,000	710,000	742,000	801,000	860,000	957,000	1,040,000
8	699,000	691,000	710,000	742,000	802,000	863,000	961,000	1,040,000
9	700,000	692,000	711,000	744,000	803,000	866,000	964,000	1,040,000
10	700,000	693,000	714,000	744,000	804,000	874,000	968,000	1,050,000
11	699,000	693,000	715,000	745,000	805,000	880,000	973,000	1,050,000
12	698,000	694,000	716,000	745,000	806,000	887,000	976,000	1,050,000
13	696,000	694,000	719,000	749,000	807,000	894,000	980,000	1,050,000
14	695,000	694,000	719,000	750,000	808,000	899,000	983,000	1,060,000
15	694,000	695,000	720,000	751,000	809,000	903,000	985,000	1,060,000
16	693,000	695,000	721,000	752,000	811,000	907,000	987,000	1,060,000
17	692,000	696,000	721,000	758,000	815,000	910,000	989,000	1,060,000
18	691,000	696,000	723,000	759,000	817,000	913,000	991,000	1,060,000
19	691,000	697,000	725,000	762,000	820,000	916,000	993,000	1,070,000
20	690,000	697,000	726,000	764,000	821,000	920,000	996,000	1,070,000
21	689,000	698,000	729,000	765,000	823,000	926,000	998,000	1,070,000
22	688,000	699,000	730,000	769,000	824,000	929,000	1,000,000	1,070,000
23	686,000	699,000	731,000	773,000	826,000	932,000	1,010,000	1,080,000
24	685,000	700,000	732,000	776,000	827,000	935,000	1,010,000	1,080,000
25	684,000	701,000	733,000	777,000	828,000	937,000	1,010,000	1,080,000
26	682,000	701,000	734,000	779,000	829,000	940,000	1,010,000	1,080,000
27	683,000	701,000	734,000	780,000	831,000	942,000	1,010,000	1,080,000
28	684,000	702,000	733,000	781,000	832,000	943,000	1,020,000	1,080,000
29	684,000	702,000	735,000	786,000	833,000	945,000	1,020,000	1,080,000
30	685,000	702,000	736,000	789,000		945,000	1,020,000	1,080,000
31	685,000		736,000	791,000		945,000		1,080,000
Total	21,460,000	20,850,000	22,350,000	23,500,000	23,560,000	27,860,000	29,509,999	32,779,999
Mean	692,400	695,100	720,900	758,200	812,400	898,700	983,800	1,057,000
Max	700000	702000	736000	791000	833000	945000	1020000	1080000
Min	682000	686000	703000	736000	793000	834000	946000	1020000

Day	Jun	Jul	Aug	Sep
	2016	2016	2016	2016
1	1,080,000	1,090,000	1,030,000	970,000
2	1,080,000	1,090,000	1,030,000	968,000
3	1,080,000	1,090,000	1,030,000	966,000
4	1,080,000	1,090,000	1,020,000	965,000
5	1,080,000	1,090,000	1,020,000	963,000
6	1,090,000	1,080,000	1,020,000	961,000
7	1,090,000	1,080,000	1,020,000	958,000
8	1,090,000	1,080,000	1,020,000	957,000
9	1,090,000	1,080,000	1,020,000	955,000
10	1,090,000	1,080,000	1,010,000	954,000
11	1,090,000	1,080,000	1,010,000	951,000
12	1,090,000	1,070,000	1,010,000	950,000
13	1,090,000	1,070,000	1,010,000	948,000
14	1,090,000	1,070,000	1,000,000	945,000
15	1,090,000	1,070,000	1,000,000	943,000
16	1,090,000	1,070,000	999,000	941,000
17	1,090,000	1,060,000	996,000	938,000
18	1,090,000	1,060,000	994,000	935,000
19	1,090,000	1,060,000	992,000	934,000
20	1,100,000	1,060,000	991,000	931,000
21	1,100,000	1,060,000	989,000	928,000
22	1,090,000	1,050,000	988,000	926,000
23	1,090,000	1,050,000	986,000	923,000
24	1,090,000	1,050,000	985,000	921,000
25	1,090,000	1,040,000	984,000	919,000
26	1,090,000	1,040,000	981,000	917,000
27	1,090,000	1,040,000	979,000	914,000
28	1,090,000	1,040,000	977,000	912,000
29	1,090,000	1,040,000	975,000	909,000
30	1,090,000	1,030,000	973,000	906,000
--		1,030,000	972,000	
Total	32,670,000	32,990,000	31,010,000	28,210,000
Mean	1,089,000	1,064,000	1,000,000	940,300
Max	1100000	1090000	1030000	970000
Min	1080000	1030000	972000	906000

