



USGS Water-Year Summary 2014

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, 2016, National Water Information System data available on the World Wide Web (USGS Water Data for the Nation), accessed [March 23, 2016], at URL http://nwis.waterdata.usgs.gov/nwis/wys_rpt?dd_parm_cds=001_00054&adr_begin_date=2013-10-01&adr_end_date=2014-09-30&site_no=11399000&agency_cd=USGS

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**RESERVOIR STORAGE, ACRE FEET
YEAR 2013-10-01 to 2014-09-30
DAILY OBSERVATION AT MIDNIGHT VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
	2013	2013	2013	2014	2014	2014	2014	2014
1	823,000	798,000	805,000	804,000	790,000	824,000	870,000	900,000
2	824,000	798,000	805,000	804,000	791,000	826,000	870,000	901,000
3	824,000	798,000	804,000	803,000	791,000	829,000	872,000	901,000
4	824,000	798,000	803,000	802,000	793,000	830,000	872,000	902,000
5	824,000	798,000	803,000	802,000	793,000	833,000	873,000	903,000
6	824,000	798,000	803,000	801,000	792,000	836,000	874,000	903,000
7	823,000	798,000	802,000	800,000	793,000	837,000	875,000	904,000
8	824,000	798,000	802,000	800,000	796,000	839,000	876,000	905,000
9	821,000	798,000	801,000	800,000	800,000	842,000	877,000	905,000
10	819,000	798,000	801,000	799,000	801,000	845,000	879,000	906,000
11	816,000	799,000	801,000	799,000	802,000	847,000	880,000	906,000
12	814,000	799,000	801,000	800,000	803,000	848,000	881,000	907,000
13	812,000	799,000	801,000	799,000	805,000	849,000	882,000	907,000
14	812,000	799,000	801,000	798,000	807,000	850,000	883,000	906,000
15	811,000	799,000	801,000	798,000	808,000	850,000	884,000	905,000
16	811,000	799,000	802,000	797,000	810,000	851,000	885,000	906,000
17	810,000	800,000	802,000	796,000	810,000	852,000	887,000	906,000
18	809,000	800,000	802,000	795,000	811,000	852,000	888,000	906,000
19	809,000	801,000	802,000	794,000	812,000	853,000	889,000	907,000
20	809,000	803,000	803,000	793,000	813,000	854,000	890,000	907,000
21	807,000	802,000	803,000	793,000	813,000	854,000	891,000	908,000
22	805,000	803,000	803,000	792,000	814,000	855,000	892,000	909,000
23	803,000	803,000	803,000	791,000	815,000	856,000	893,000	909,000
24	801,000	804,000	804,000	789,000	815,000	856,000	894,000	910,000
25	799,000	804,000	804,000	789,000	816,000	858,000	896,000	910,000
26	799,000	804,000	805,000	789,000	818,000	859,000	896,000	911,000
27	800,000	804,000	805,000	789,000	820,000	859,000	897,000	911,000
28	799,000	804,000	805,000	789,000	823,000	860,000	898,000	911,000
29	799,000	805,000	806,000	790,000		866,000	899,000	911,000
30	798,000	805,000	805,000	790,000		868,000	900,000	911,000
31	798,000		805,000	791,000		869,000		910,000
Total	25,150,000	24,020,000	24,890,000	24,680,000	22,560,000	26,310,000	26,540,000	28,100,000
Mean	811,300	800,500	803,000	796,000	805,500	848,600	884,800	906,600
Max	824000	805000	806000	804000	823000	869000	900000	911000
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Day	Jun	Jul	Aug	Sep
	2014	2014	2014	2014
1	909,000	868,000	814,000	773,000
2	908,000	866,000	812,000	770,000
3	909,000	865,000	810,000	767,000
4	908,000	863,000	809,000	764,000
5	908,000	861,000	809,000	761,000
6	908,000	859,000	808,000	759,000
7	906,000	857,000	805,000	757,000
8	905,000	856,000	803,000	757,000
9	903,000	854,000	801,000	755,000
10	900,000	852,000	800,000	753,000
11	898,000	852,000	801,000	751,000
12	896,000	851,000	801,000	748,000
13	894,000	851,000	801,000	746,000
14	893,000	849,000	801,000	743,000
15	891,000	847,000	802,000	741,000
16	890,000	845,000	802,000	738,000
17	889,000	843,000	802,000	735,000
18	887,000	841,000	803,000	733,000
19	885,000	838,000	803,000	732,000
20	883,000	837,000	803,000	729,000
21	882,000	835,000	802,000	729,000
22	882,000	833,000	799,000	728,000
23	881,000	830,000	797,000	725,000
24	879,000	828,000	793,000	722,000
25	878,000	826,000	791,000	720,000
26	877,000	824,000	788,000	718,000
27	876,000	822,000	786,000	715,000
28	874,000	819,000	783,000	713,000
29	872,000	817,000	780,000	710,000
30	870,000	817,000	778,000	709,000
--		816,000	775,000	
Total	26,740,000	26,120,000	24,760,000	22,200,000
Mean	891,400	842,600	798,800	740,000
Max	909000	868000	814000	773000
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