



## USGS Water-Year Summary 2015

**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 mi<sup>2</sup>.

**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=2014-10-01&adr\\_end\\_date=2015-09-30&site\\_no=11399000&agency\\_cd=USGS](http://nwis.waterdata.usgs.gov/nwis/wys_rpt?dd_parm_cds=001_00054&adr_begin_date=2014-10-01&adr_end_date=2015-09-30&site_no=11399000&agency_cd=USGS)

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**RESERVOIR STORAGE, ACRE FEET  
YEAR 2014-10-01 to 2015-09-30  
DAILY OBSERVATION AT MIDNIGHT VALUES**

<b>Day</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>
	<b>2014</b>	<b>2014</b>	<b>2014</b>	<b>2015</b>	<b>2015</b>	<b>2015</b>	<b>2015</b>	<b>2015</b>
<b>1</b>	708,000	697,000	715,000	774,000	800,000	854,000	878,000	886,000
<b>2</b>	706,000	698,000	717,000	775,000	802,000	855,000	879,000	887,000
<b>3</b>	703,000	698,000	721,000	776,000	802,000	855,000	879,000	887,000
<b>4</b>	702,000	699,000	723,000	777,000	803,000	856,000	880,000	887,000
<b>5</b>	700,000	699,000	724,000	778,000	804,000	857,000	881,000	887,000
<b>6</b>	698,000	700,000	727,000	778,000	810,000	857,000	881,000	887,000
<b>7</b>	698,000	700,000	728,000	779,000	814,000	858,000	882,000	887,000
<b>8</b>	698,000	701,000	728,000	780,000	819,000	859,000	883,000	887,000
<b>9</b>	698,000	702,000	729,000	781,000	825,000	859,000	884,000	888,000
<b>10</b>	698,000	702,000	732,000	782,000	829,000	860,000	884,000	889,000
<b>11</b>	698,000	703,000	742,000	783,000	832,000	861,000	885,000	889,000
<b>12</b>	698,000	703,000	746,000	783,000	835,000	861,000	885,000	890,000
<b>13</b>	698,000	705,000	748,000	783,000	837,000	861,000	885,000	890,000
<b>14</b>	696,000	705,000	749,000	785,000	839,000	862,000	884,000	890,000
<b>15</b>	697,000	706,000	752,000	785,000	841,000	863,000	883,000	891,000
<b>16</b>	696,000	706,000	753,000	786,000	842,000	864,000	883,000	891,000
<b>17</b>	695,000	706,000	755,000	788,000	843,000	865,000	883,000	892,000
<b>18</b>	694,000	707,000	756,000	788,000	845,000	866,000	884,000	892,000
<b>19</b>	693,000	708,000	758,000	790,000	846,000	867,000	884,000	893,000
<b>20</b>	693,000	708,000	760,000	791,000	847,000	868,000	884,000	895,000
<b>21</b>	694,000	708,000	761,000	792,000	847,000	868,000	884,000	895,000
<b>22</b>	693,000	709,000	763,000	792,000	848,000	870,000	884,000	896,000
<b>23</b>	693,000	709,000	765,000	793,000	849,000	871,000	884,000	896,000
<b>24</b>	693,000	709,000	767,000	794,000	850,000	871,000	885,000	896,000
<b>25</b>	694,000	709,000	768,000	795,000	850,000	873,000	886,000	897,000
<b>26</b>	695,000	709,000	769,000	796,000	851,000	873,000	886,000	897,000
<b>27</b>	695,000	710,000	771,000	797,000	852,000	874,000	886,000	896,000
<b>28</b>	695,000	711,000	772,000	797,000	853,000	875,000	886,000	897,000
<b>29</b>	695,000	713,000	772,000	798,000		876,000	886,000	897,000
<b>30</b>	695,000	714,000	773,000	799,000		877,000	886,000	897,000
<b>31</b>	697,000		774,000	800,000		877,000		896,000
<b>Total</b>	21,610,000	21,150,000	23,220,000	24,400,000	23,310,000	26,810,000	26,500,000	27,639,999
<b>Mean</b>	697,000	705,100	749,000	786,900	832,700	864,900	883,500	891,800
<b>Max</b>	708000	714000	774000	800000	853000	877000	886000	897000
<b>...</b>	698000	697000	715000	774000	800000	854000	878000	886000

<b>Day</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
	<b>2015</b>	<b>2015</b>	<b>2015</b>	<b>2015</b>
<b>1</b>	896,000	868,000	817,000	754,000
<b>2</b>	896,000	867,000	815,000	752,000
<b>3</b>	899,000	867,000	813,000	750,000
<b>4</b>	898,000	866,000	811,000	748,000
<b>5</b>	898,000	864,000	809,000	746,000
<b>6</b>	897,000	862,000	807,000	744,000
<b>7</b>	897,000	861,000	807,000	742,000
<b>8</b>	896,000	859,000	805,000	740,000
<b>9</b>	896,000	859,000	803,000	738,000
<b>10</b>	896,000	857,000	801,000	736,000
<b>11</b>	894,000	855,000	798,000	734,000
<b>12</b>	892,000	854,000	796,000	732,000
<b>13</b>	892,000	852,000	793,000	730,000
<b>14</b>	892,000	850,000	791,000	728,000
<b>15</b>	891,000	849,000	789,000	726,000
<b>16</b>	891,000	847,000	787,000	724,000
<b>17</b>	889,000	845,000	784,000	723,000
<b>18</b>	887,000	843,000	782,000	721,000
<b>19</b>	886,000	841,000	780,000	719,000
<b>20</b>	884,000	839,000	778,000	718,000
<b>21</b>	883,000	838,000	776,000	716,000
<b>22</b>	880,000	836,000	774,000	714,000
<b>23</b>	879,000	834,000	771,000	712,000
<b>24</b>	877,000	832,000	769,000	711,000
<b>25</b>	876,000	831,000	767,000	709,000
<b>26</b>	875,000	830,000	766,000	707,000
<b>27</b>	874,000	828,000	764,000	706,000
<b>28</b>	872,000	826,000	761,000	704,000
<b>29</b>	871,000	823,000	759,000	702,000
<b>30</b>	869,000	821,000	757,000	700,000
--		819,000	756,000	
<b>Total</b>	26,620,000	26,220,000	24,390,000	21,790,000
<b>Mean</b>	887,400	845,900	786,600	726,200
<b>Max</b>	899000	868000	817000	754000
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