

11-3990. Lake Almanor at Prattville, Calif.  
(Formerly published as Lake Almanor near Prattville)

Location (revised).--Lat 40°12'50", long 121°09'40", in SW $\frac{1}{4}$ NE $\frac{1}{4}$  sec.11 T.27 N., R.7 E., at outlet tower to No. 2 tunnel on North Fork Feather River at Prattville, 4.7 miles northwest of Lake Almanor Dam and 5.6 miles northwest of Canyon Dam. Prior to June 1, 1965, at site 4.7 miles southeast.

Drainage area.--491 sq mi.

Records available.--July 1913 to September 1965. Monthly contents only for some periods, published in WSP 1315-A. Published as "near Prattville" 1937-64. Prior to October 1964, records published as usable contents.

Gage.--Telemark gage monitored once daily. Datum of gage is 10.23 ft below mean sea level (levels by Pacific Gas & Electric Co.). Prior to June 1, 1965, staff gage at site 4.7 miles southeast at same datum.

Extremes.--Maximum contents observed during year, 1,039,900 acre-ft June 10 (gage height, 4,490.14 ft); minimum observed, 506,900 acre-ft Dec. 18 (gage height, 4,467.08 ft).  
1913-65: Maximum contents, that of June 10, 1965; minimum, 5,230 acre-ft Feb. 5, 1918 (gage height, 4,416.1 ft).

Remarks.--Lake is formed by earth-fill dam; storage began in July 1913; dam raised to gage height 4,455 ft in 1917 and to 4,515 ft in 1927. Capacity, 1,036,000 acre-ft between gage heights 4,490 (upper storage limit) and 4,422 ft (bottom of lowest outlet) of which 8,950 acre-ft is not available for release. Water is diverted by tunnel and penstock to Butt Valley Reservoir and powerhouse for use in Caribou powerplants; some water also released down North Fork Feather River (see following page). Figures given herein represent total contents at 2400 hours. Prior to June 1 readings were made at 1700 hours and interpolated. See schematic diagram, p. 817.

Cooperation.--Record of contents furnished by Pacific Gas & Electric Co. in connection with a Federal Power Commission project.

Capacity table (gage height, in feet, and contents, in thousands of acre-feet)

4,467	505.3	4,478	740.6
4,468	525.1	4,480	787.3
4,470	565.5	4,482	835.0
4,472	607.3	4,485	908.5
4,474	650.6	4,488	984.3
4,476	695.1	4,491	1,062.6

Contents, in thousands of acre-feet, at 2400 hours, water year October 1964 to September 1965

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	666.9	579.0	524.7	662.9	727.1	744.8	810.3	923.2	1,027.1	1,009.4	935.0	868.2
2	664.0	576.5	525.1	669.1	727.8	746.4	812.5	928.5	1,030.0	1,007.6	932.5	864.1
3	661.4	573.6	525.1	674.9	728.9	747.8	814.6	932.7	1,033.1	1,005.5	930.0	863.6
4	658.7	570.9	523.9	683.2	729.8	749.9	817.2	936.5	1,034.7	1,003.1	927.4	861.2
5	655.6	568.2	521.9	692.8	731.4	751.5	819.9	940.8	1,036.3	1,000.8	924.9	858.0
6	652.8	566.1	521.1	698.0	732.8	753.1	822.3	944.6	1,037.6	998.5	922.4	856.1
7	650.1	563.7	519.3	700.0	733.7	754.1	824.9	946.3	1,038.9	996.2	919.7	852.9
8	647.3	561.6	517.5	701.6	734.9	755.2	828.3	948.9	1,039.2	993.8	916.7	850.2
9	644.9	562.0	516.1	704.1	735.8	757.1	831.9	951.9	1,039.4	990.7	913.9	848.0
10	641.8	563.5	515.3	706.8	736.3	758.7	833.6	955.2	1,039.9	988.4	911.7	844.9
11	638.7	564.3	516.1	707.0	736.3	760.8	836.0	958.5	1,038.4	986.1	914.4	842.2
12	635.7	563.7	516.1	707.3	736.0	763.4	839.3	961.8	1,037.6	984.1	912.4	839.8
13	632.7	562.2	514.4	707.0	736.7	765.2	841.5	965.1	1,036.5	982.0	910.0	837.9
14	629.8	560.4	513.2	707.0	736.7	767.6	844.2	968.2	1,035.7	979.7	907.7	836.2
15	626.8	558.3	511.6	707.0	736.5	769.2	847.6	971.8	1,034.2	977.4	905.5	835.0
16	623.6	554.3	509.7	707.3	735.8	770.8	852.2	975.8	1,033.9	975.1	903.2	833.1
17	620.6	551.8	507.9	707.5	734.6	772.0	855.8	979.4	1,032.9	972.5	901.0	831.2
18	618.0	549.8	506.9	707.5	734.4	773.9	860.0	983.0	1,032.3	970.2	899.8	829.2
19	614.5	546.7	507.3	707.9	734.4	776.0	864.3	986.4	1,031.8	967.2	897.5	827.8
20	611.6	543.9	512.6	709.1	734.6	777.9	869.2	990.0	1,030.5	964.4	895.8	825.9
21	608.6	541.3	526.7	710.2	735.3	779.8	874.1	993.8	1,028.9	961.8	893.6	824.4
22	605.8	538.9	546.5	711.6	735.3	782.6	879.3	997.2	1,027.1	959.8	891.8	823.5
23	602.6	535.7	569.8	713.8	735.8	784.9	884.0	1,000.3	1,025.8	957.0	889.9	822.5
24	599.5	533.0	585.6	717.3	736.5	788.0	888.1	1,002.4	1,023.2	954.7	887.4	822.5
25	596.9	530.8	598.4	719.1	737.0	790.8	892.6	1,005.7	1,021.3	952.2	884.9	820.4
26	593.8	529.0	614.1	720.0	738.1	794.1	898.3	1,008.9	1,019.8	949.6	883.0	818.4
27	591.1	526.5	624.9	721.4	704.2	797.9	903.7	1,011.7	1,018.0	947.1	880.5	817.2
28	588.8	524.9	635.1	722.5	743.4	800.8	908.7	1,014.8	1,015.6	944.6	878.3	816.3
29	586.2	524.1	643.1	723.9	-----	802.4	913.9	1,018.0	1,013.3	942.0	876.3	813.7
30	583.5	522.5	649.9	725.7	-----	804.8	919.7	1,021.3	1,011.2	939.8	873.6	811.3
31	581.5	-----	656.1	727.5	-----	807.4	-----	1,024.5	-----	937.5	871.2	-----
(†)	4,470.77	4,467.87	4,474.25	4,477.43	4,478.12	4,480.85	4,485.45	4,489.55	4,489.04	4,486.16	4,483.49	4,481.01
(‡)	-88,900	-59,000	+133,600	+71,400	+15,900	+64,000	+112,300	+104,800	-13,300	-73,700	-66,300	-59,900

Calendar year 1964..... †30,400  
Water year 1964-65..... ‡140,900

† Gage height, in feet, at end of month.

‡ Change in contents, in acre-feet.

Note.--New capacity table put into use Oct. 1, 1964; contents on Sept. 30, 1964, from new table, 670,400 acre-ft. Change in contents for October 1964, calendar year 1964, and water year 1965 based on new table.