

SACRAMENTO RIVER BASIN

11-3990. Lake Almanor at Prattville, Calif.

Location.--Lat 40°12'50", long 121°09'40", in SW¼NE¼ 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.

Drainage area.--491 sq mi.

Records available.--July 1913 to September 1966. 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, 811,300 acre-ft June 12 (gage height, 4,481.01 ft); minimum observed 604,800 acre-ft Jan. 29 (gage height, 4,471.88 ft).
1913-66; Maximum contents, 1,039,900 acre-ft June 10, 1965 (gage height, 4,490.14 ft); 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 power house for use in Caribou powerplants; some water also released down North Fork Feather River (see sta 11-3995). Figures given herein represent total contents at 2400 hours. See schematic diagram of North Fork Feather River basin.

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

Contents, in thousands of acre-feet, at 2400 hours, water year October 1965 to September 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	808.9	707.9	668.4	623.1	606.9	611.3	656.1	730.7	796.5	773.9	689.0	619.1
2	806.3	703.9	667.1	621.6	605.8	610.9	658.7	733.0	797.9	772.0	686.1	617.8
3	803.9	700.2	666.4	622.3	606.7	610.5	660.9	735.8	799.4	769.9	683.2	618.4
4	801.3	696.6	664.7	622.9	607.9	611.6	662.9	739.0	800.3	767.3	679.8	618.8
5	798.9	692.6	663.1	624.2	609.0	611.6	665.3	740.6	801.7	765.0	676.9	619.5
6	796.0	688.8	661.1	624.9	610.7	613.0	667.6	744.1	802.9	761.5	675.1	620.1
7	793.9	685.6	659.4	626.4	611.8	612.0	670.0	746.9	805.1	758.9	672.2	620.6
8	791.3	682.7	657.2	625.5	611.6	613.5	672.4	750.3	806.3	756.1	670.2	621.0
9	788.9	679.8	655.4	624.9	611.6	615.0	676.0	753.4	807.9	753.1	666.9	621.6
10	786.6	677.6	653.6	627.9	612.0	616.3	680.5	756.6	808.9	750.3	663.8	622.1
11	784.2	675.6	652.1	629.2	611.1	617.8	683.4	758.9	810.3	747.6	660.5	622.3
12	781.6	674.2	650.3	630.1	610.7	619.9	685.6	761.5	811.3	745.0	657.6	622.7
13	779.3	674.0	648.6	628.1	611.3	622.1	688.1	764.1	811.0	742.3	655.2	623.4
14	776.7	677.3	647.5	626.0	610.7	624.2	690.3	766.6	810.3	739.5	652.3	623.8
15	773.2	679.1	646.0	626.4	609.4	626.4	692.6	769.0	809.4	736.5	649.2	624.4
16	768.5	679.1	643.5	624.4	609.4	628.3	695.1	771.3	807.0	733.5	645.7	624.7
17	765.0	683.6	640.9	622.9	608.4	629.6	698.2	773.7	804.4	730.7	643.1	625.3
18	761.0	688.8	639.0	621.4	607.9	630.9	700.7	775.5	802.2	728.0	641.8	626.4
19	756.8	689.2	636.6	620.1	609.2	632.9	702.7	777.6	799.1	725.5	642.2	626.6
20	752.7	688.8	635.1	618.4	608.8	634.4	704.8	779.8	796.8	723.6	640.7	627.5
21	749.6	687.2	630.5	616.7	607.9	635.9	707.3	781.2	793.7	721.1	638.1	628.1
22	745.5	684.3	626.6	615.2	608.8	637.0	709.1	783.3	791.1	717.9	635.5	628.5
23	741.8	683.8	623.8	613.3	610.5	638.5	711.3	784.7	788.9	715.2	633.7	629.2
24	737.9	683.6	621.9	611.3	612.0	639.8	713.8	786.1	786.8	711.6	631.6	629.6
25	733.7	680.7	621.9	609.4	611.6	641.6	716.6	787.5	784.5	708.8	628.5	630.3
26	730.5	678.7	623.8	607.7	611.8	643.3	719.5	789.2	782.6	705.4	627.5	630.3
27	726.6	675.8	621.9	606.0	612.8	645.1	721.4	790.6	780.5	702.5	626.8	630.1
28	723.2	672.7	624.2	605.2	612.2	647.0	723.6	791.8	779.3	699.6	626.8	628.5
29	719.1	670.4	623.8	604.8	-----	649.0	725.7	793.4	778.6	696.9	623.6	627.7
30	715.4	669.5	624.0	607.3	-----	651.2	728.2	794.4	776.2	693.7	621.0	628.3
31	711.3	-----	624.4	606.5	-----	653.6	-----	795.8	-----	691.9	619.9	-----
(+)	4,476.72	4,474.86	4,472.80	4,471.96	4,472.23	4,474.14	4,477.46	4,480.36	4,479.53	4,475.86	4,472.59	4,472.98
(+)	-100,000	-41,800	-45,100	-17,900	+5,700	+41,400	+74,600	+67,600	-19,600	-84,300	-72,000	+8,400

Calendar year 1965..... †-31,700
Water year 1965-66..... †-183,000

† Elevation, in feet, at end of month.
‡ Change in contents, in acre-feet.