

11399000 LAKE ALMANOR AT PRATTVILLE, CALIF.

LOCATION.--Lat 40°12'50", long 121°09'40", in SW¼NE¼ sec.11, T.27 N., R.7 E., Plumas County, Plumas National Forest, 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 Canyondam.

DRAINAGE AREA.--491 sq mi.

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.

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

EXTREMES (at 2400).--Current year: Maximum contents observed, 883,700 acre-ft Oct. 1 (gage height, 4,484.00 ft); minimum observed, 601,200 acre-ft Feb. 19 (gage height, 4,471.71 ft).
Period of record: Maximum contents, 1,078,000 acre-ft June 28, 1971 (gage height, 4,491.58 ft); minimum, 5,230 acre-ft Feb. 5, 1918 (gage height, 4,416.1 ft).

REMARKS.--Lake is formed by earthfill dam; storage began in July 1913; dam raised to gage height 4,455 ft in 1917 and 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 sta 11399500). Figures given herein represent total contents at 2400 hours. See schematic diagram of North Fork Feather River basin.

COOPERATION.--Records of contents collected by Pacific Gas and Electric Co. under general supervision of the Geological Survey, in connection with a Federal Power Commission project.

REVISIONS.--WSP 1931: Drainage area.

CAPACITY TABLE (GAGE HEIGHT, IN FEET, AND CONTENTS, IN ACRE-FEET)

4,422	8,950	4,432	34,200	4,450	220,800	4,475	672,700
4,424	10,100	4,434	49,500	4,455	294,500	4,480	787,300
4,426	11,300	4,437	74,200	4,460	376,700	4,485	908,500
4,428	13,500	4,440	101,900	4,465	467,000	4,490	1,036,000
4,430	21,200	4,445	156,400	4,470	565,500	4,492	1,089,000

CONTENTS, IN ACRE-FEET, AT 2400, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	883,706	788,721	727,767	693,703	643,328	627,248	713,389	778,116	836,936	870,208	840,314	779,762
2	881,245	784,944	727,767	692,803	640,926	631,143	715,209	780,232	837,660	870,942	838,142	777,646
3	878,951	782,116	727,309	689,880	638,529	633,094	717,486	780,703	839,590	872,166	836,213	778,116
4	874,616	779,056	726,165	687,185	635,918	638,747	720,223	779,762	841,522	872,901	834,044	778,116
5	871,921	775,532	724,792	684,495	633,311	645,077	725,936	779,997	843,698	872,901	831,878	777,881
6	868,945	772,717	723,191	681,585	630,926	650,555	729,601	782,351	845,633	872,411	831,396	775,532
7	866,541	769,672	721,921	678,680	627,896	651,653	731,895	784,944	847,086	872,411	830,194	773,655
8	863,125	766,866	719,944	676,002	624,447	654,512	734,191	785,652	848,539	872,901	827,791	770,843
9	860,200	763,630	717,942	673,106	622,288	657,596	736,261	785,180	849,994	873,636	825,390	770,843
10	857,036	761,265	716,347	669,770	619,278	660,244	738,793	784,472	851,935	873,391	822,991	770,140
11	854,363	759,867	714,754	667,106	616,276	662,897	742,712	784,472	853,877	873,391	820,116	768,502
12	851,207	757,075	713,389	665,332	613,495	665,332	745,946	787,068	854,120	872,901	817,245	766,866
13	847,813	755,680	712,025	663,339	610,933	667,771	748,028	789,430	855,092	871,677	817,245	764,530
14	844,907	753,358	710,889	660,465	608,590	670,214	749,648	791,795	856,307	869,964	814,377	762,430
15	841,764	750,343	709,073	657,596	606,888	672,661	751,966	794,873	857,776	870,453	811,752	760,100
16	838,625	747,102	707,938	654,952	605,402	675,333	754,286	797,480	859,226	870,698	808,652	757,772
17	835,490	744,328	706,351	651,873	603,069	678,233	756,610	799,853	860,931	868,252	806,747	758,238
18	832,359	741,558	704,992	649,238	602,010	680,691	758,005	802,703	862,393	866,053	804,367	755,912
19	828,992	738,102	703,182	647,047	601,164	683,152	759,401	806,747	862,637	863,856	801,515	753,358
20	826,110	735,111	701,373	644,858	602,010	685,616	761,265	810,321	862,881	861,662	802,465	751,502
21	822,991	731,895	700,243	642,891	603,917	688,083	763,130	812,706	863,125	859,226	800,327	750,807
22	819,877	730,977	703,860	641,799	605,826	692,353	764,997	815,094	863,856	857,036	798,191	751,502
23	817,245	728,455	703,182	644,421	608,377	694,604	766,866	817,245	864,100	856,550	796,057	751,996
24	814,138	730,289	706,125	645,295	610,294	697,308	769,906	819,398	865,565	855,092	793,925	752,198
25	811,036	729,601	707,258	646,828	611,787	700,017	771,780	821,553	866,541	852,663	791,795	753,358
26	807,699	730,289	707,031	646,609	613,495	701,825	773,655	823,950	867,030	849,994	789,667	754,751
27	804,843	730,518	706,125	646,609	615,634	703,408	775,767	826,590	868,496	848,297	790,139	756,145
28	801,515	730,747	704,087	646,609	620,137	706,125	778,116	829,473	868,496	845,875	787,776	757,075
29	797,480	730,289	702,503	647,485	623,364	707,258	779,997	831,637	868,741	843,698	785,888	758,005
30	794,399	729,142	699,565	646,171	-----	709,073	781,645	832,840	868,741	844,432	783,529	758,703
31	791,322	-----	696,406	644,858	-----	710,889	-----	834,285	-----	842,247	780,938	-----
MAX	883,706	788,721	727,767	693,703	643,328	710,889	781,645	834,285	868,741	873,636	840,314	779,762
MIN	791,322	728,455	696,406	641,799	601,164	627,248	713,389	778,116	836,936	842,247	780,938	750,807
(a)	4,480.17	4,477.50	4,476.06	4,473.74	4,472.75	4,476.70	4,479.76	4,481.97	4,483.39	4,482.30	4,479.73	4,478.78
(b)	-95,600	-62,200	-32,700	-51,500	-21,500	+87,500	+70,700	+52,600	+34,500	-26,500	-61,300	-22,200

CAL YR 1971 b -63,000
WTR YR 1972 b -128,200

a Elevation, in feet, at end of month.
b Change in contents, in acre-feet, rounded to Geological Survey standards.