

11399000 LAKE ALMANOR AT PRATTVILLE, CALIF.

LOCATION.--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., 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, 967,700 acre-ft July 7, 8 (gage height, 4,487.35 ft); minimum observed, 652,100 acre-ft Jan. 11 (gage height, 4,474.07 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 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	759,634	793,688	730,518	676,671	667,106	681,362	728,226	805,319	921,940	961,547	952,665	914,691
2	760,566	794,162	727,583	673,774	664,446	683,152	729,142	808,414	923,943	962,565	951,905	913,493
3	761,032	796,057	724,563	670,881	663,118	685,616	731,206	811,752	925,948	963,837	950,892	912,446
4	761,731	798,429	721,592	667,993	665,554	687,410	732,813	815,333	927,704	964,856	949,880	911,698
5	762,663	797,006	718,626	664,668	666,884	689,430	734,651	817,963	929,712	965,620	948,109	910,951
6	763,130	793,925	716,347	661,570	668,659	690,329	736,951	820,835	931,722	966,130	946,845	910,203
7	764,063	793,215	713,389	658,257	670,214	691,453	739,023	824,190	933,481	967,660	945,076	909,207
8	764,997	791,558	710,207	656,714	669,992	692,353	741,097	827,550	935,746	967,660	943,056	907,465
9	766,165	790,612	706,805	655,392	672,438	691,003	743,174	831,156	937,257	967,150	941,290	905,972
10	768,269	787,776	703,408	652,752	675,556	690,778	745,715	834,526	938,516	966,385	940,533	903,984
11	770,609	785,416	703,408	652,093	678,233	692,353	748,028	838,142	940,281	965,620	938,264	903,487
12	772,014	782,587	696,632	653,412	678,101	693,928	751,039	842,006	941,542	965,111	935,746	902,494
13	772,952	780,703	693,253	654,732	679,127	695,279	753,590	846,602	942,803	964,856	934,488	901,501
14	774,828	778,821	689,880	656,934	680,467	696,632	756,145	851,692	944,318	964,092	933,481	900,508
15	776,941	777,411	688,757	658,919	680,467	697,985	758,703	856,550	945,076	963,837	932,476	899,517
16	778,821	775,532	686,064	671,548	679,127	700,243	761,265	861,418	946,087	963,328	931,219	898,524
17	779,997	772,717	683,823	676,002	677,341	701,599	764,297	867,274	947,350	963,074	929,963	897,782
18	781,174	770,140	683,152	678,233	674,888	703,408	767,517	872,901	948,868	962,565	928,457	897,039
19	782,116	767,333	685,167	680,467	672,661	705,672	768,736	878,297	950,133	962,056	926,951	896,791
20	783,294	764,297	687,185	682,704	671,548	707,938	770,843	882,721	951,652	961,293	925,697	896,543
21	784,237	761,731	688,083	683,823	669,770	709,299	772,952	887,894	951,905	961,039	924,695	895,553
22	785,416	758,470	689,880	683,823	668,215	712,025	775,297	892,091	952,412	960,785	923,943	896,296
23	786,832	755,680	692,578	680,020	665,997	712,025	777,881	894,563	954,186	960,785	922,190	897,286
24	787,304	752,662	694,378	681,138	668,215	713,844	780,703	897,782	955,200	960,276	921,439	896,543
25	788,249	749,417	693,478	679,797	669,770	715,209	783,929	901,997	956,722	959,768	920,688	895,801
26	789,430	746,177	691,228	678,903	673,106	716,803	788,721	905,475	956,214	959,260	920,188	894,811
27	789,903	743,174	689,655	676,448	677,564	718,626	791,795	908,211	957,483	958,752	919,438	894,069
28	790,849	740,406	686,737	673,328	679,573	719,994	796,057	910,951	958,498	957,991	918,688	893,327
29	791,795	736,721	684,495	672,661	-----	721,821	799,140	913,194	959,260	956,214	917,938	892,832
30	792,032	733,502	682,704	671,103	-----	724,106	802,665	915,690	960,531	954,186	916,689	893,327
31	792,741	-----	680,020	669,547	-----	726,393	-----	919,188	-----	953,425	915,690	-----
MAX	792,741	798,429	730,518	683,823	680,467	726,393	802,665	919,188	960,531	967,660	952,665	914,691
MIN	759,634	733,502	680,020	652,093	663,118	681,362	728,226	805,319	921,940	953,425	915,690	892,832
(a)	4,480.23	4,477.69	4,475.33	4,474.86	4,475.31	4,477.38	4,480.64	4,485.43	4,487.07	4,486.79	4,485.29	4,484.39
(b)	+34,000	-59,200	-53,500	-10,500	+10,000	+46,800	+76,100	+116,700	+41,300	-7,110	-37,700	-22,400

CAL YR 1972 b -16,400
WTR YR 1973 b +134,600

a Elevation, in feet, at end of month.

b Change in contents, in acre-feet, rounded to Geological Survey standards.