11399000 LAKE ALMANOR AT PRATTVILLE, CA

LOCATION.--Lat 40°12'50", long 121°09'40", in SW¼NE¼ sec.11, T.27 N., R.7 E., Plumas County, Hydrologic Unit 18020121, Plumas National Forest, at outlet tower to No. 2 tunnel on North Fork Feather River at Prattville, 4.7 mi (7.6 km) northwest of Lake Almanor Dam, and 5.6 mi (9.0 km) northwest of Canyondam.

DRAINAGE AREA.--491 mi² (1,272 km²).

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.--Nonrecording gage monitored once daily. Datum of gage is 10.23 ft (3.118 m) below National Geodetic Vertical Datum of 1929 (levels by Pacific Gas and Electric Co.). Prior to June 1, 1965, nonrecording gage at site 4.7 mi (7.6 km) southeast at same datum.

REMARKS.--Lake is formed by earthfill dam; storage began in July 1913; dam raised to gage height 4,455 ft (1,357.9 m) in 1917 and 4,515 ft (1,376.2 m) in 1927. Capacity, 1,184,000 acre-ft (1.46 km³) between gage heights 4,495.5 ft (1,370.23 m), upper storage limit and 4,422 ft (1,347.8 m), bottom of lowest outlet, of which 8,950 acre-ft (11.0 hm³) 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 (station 11399500). Figures given herein represent total contents at 2400 hours. See schematic diagram of North Fork Feather River basin.

COOPERATION.--Records furnished by Pacific Gas and Electric Co., in connection with a Federal Energy Regulatory Commission Project.

EXTREMES (AT 2400) FOR PERIOD OF RECORD.--Maximum contents, 1,142,000 acre-ft (1.41 km³) June 4, 5, 10, 11, 1974, gage height, 4,493.96 ft (1,369.759 m); minimum, 5,230 acre-ft (6.45 hm³) Feb. 5, 1918, gage height, 4,416.1 ft (1,346.03 m).

EXTREMES (AT 2400) FOR CURRENT YEAR.--Maximum contents observed, 962,300 acre-ft (1.19 km³) Oct. 1, gage height, 4,487.14 ft (1,367.680 m); minimum observed, 707,700 acre-ft (873 hm³) Sept. 30, gage height, 4,476.56 ft (1,364.455 m).

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	4,495.5	1,184,000

CONTENTS, IN ACRE-FEET, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	960276	917688	880508	872166	864588	871677	872656	870942	887155	837901	804605	762430
2	958752	916439	885183	870698	863612	870942	873881	872901	887401	837177	804843	760566
3	957229	915190	892585	870698	861418	869964	873146	874371	884937	835490	803178	759169
4	956214	913943	895306	870208	861418	870453	872656	874371	882475	833803	801515	757540
5	954693	912696	895306	869474	860444	869474	871921	875842	879771	833322	800565	756145
6	953172	911449	896296	868007	859226	868496	871432	876578	877315	831156	799140	754519
7	951905	909954	895801	867030	858009	867519	871187	877806	874126	829953	796768	753590
8	950386	909207	893574	866053	857036	867030	870453	877315	871432	827791	795583	752198
9	949121	907713	892832	864832	856064	866541	869964	877069	870698	824910	794399	750575
10	947350	906718	891597	863368	855335	865809	869719	878542	871432	822991	792741	748722
11	945834	905226	890362	862393	854849	865565	869230	878051	872166	823231	792268	746177
12	944823	903984	889621	861175	854120	865565	868496	877560	871432	823471	791558	743635
13	944066	902742	888388	860200	855821	865076	867274	878051	871187	822512	790612	741328
14	943561	901005	887401	859226	858253	864588	866053	879771	871921	821314	789667	739023
15	941794	899517	885922	858009	859713	865565	865076	880508	870698	819638	788721	736721
16	940281	898277	885183	857036	862393	864832	864588	880016	868496	818441	787776	734421
17	937760	896543	883706	856307	864832	864100	864100	881491	867030	818680	786596	731436
18	935494	895553	882967	855335	866786	863612	864100	882721	865320	819159	784944	728684
19	934236	894316	881983	854849	869474	863856	866053	882475	863612	819638	784944	725936
20	934236	892832	881245	853877	871432	863368	866541	881737	860931	817963	785416	723420
21	932727	891597	880754	853391	872901	863368	867030	881245	858253	817245	783058	720679
22	931219	890609	880016	852905	872656	863856	867030	880508	855578	816289	782116	718398
23	929210	889621	879034	855578	872656	863368	867763	879525	854363	815094	780703	717258
24	927955	888388	878297	855578	873881	862393	868496	878788	851692	814616	780468	715209
25	928206	887155	878051	854849	873881	866297	868496	878788	849024	813422	779527	714071
26	926951	885183	877069	855092	873146	867763	869230	880262	846602	812945	777881	713161
27	925447	883952	876578	860200	872411	869230	871187	881737	845149	811752	775063	712707
28	923442	882475	875842	865320	872166	870698	870942	882967	843456	810321	771545	710435
29	921940	882229	874862	866297	---	872166	871187	884444	841552	808890	768502	709753
30	920438	881491	873881	866297	---	872166	871187	885429	838625	807223	767100	707712
31	918938	---	873146	865320	---	871432	---	886415	---	804843	765231	---
MAX	960276	917688	896296	872166	873881	872166	873881	886415	887401	837901	804843	762430
MIN	918938	881491	873146	852905	854120	862393	864100	870942	838625	804843	765231	707712
†	4485.42	4483.91	4483.57	4483.25	4483.53	4483.50	4483.49	4484.11	4482.15	4480.74	4479.06	4476.56
‡	-43400	-37400	-8340	-7830	+6850	-734	-245	+15200	-47800	-33800	-39600	-57500

CAL YR 1980 ‡ +245300
WTR YR 1981 ‡ -254600

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