

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 mi (7.6 km) northwest of Lake Almanor Dam, and 5.6 mi (9.0 km) northwest of Canyon Dam.

DRAINAGE AREA.--491 mi<sup>2</sup> (1,272 km<sup>2</sup>).

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 (3.118 m) below mean sea level (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.

EXTREMES (at 2400).--Current year: Maximum contents observed, 1,037,000 acre-ft (1.28 km<sup>3</sup>) June 24 (gage height, 4,490.04 ft or 1,368.564 m); minimum observed, 796,300 acre-ft (982 hm<sup>3</sup>) Jan. 22, 23, (gage height, 4,480.38 ft or 1,365.620 m).  
 Period of record: Maximum contents, 1,142,000 acre-ft (1.41 km<sup>3</sup>) June 4, 5, 10, 11, 1974 (gage height, 4,493.96 ft or 1,369.759 m); minimum, 5,230 acre-ft (6.45 hm<sup>3</sup>) Feb. 5, 1918 (gage height, 4,416.1 ft or 1,346.03 m).

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 km<sup>3</sup>) 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 hm<sup>3</sup>) 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	4,495.5	1,184,000

CONTENTS, IN ACRE-FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975  
 INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	966130	919180	846840	803890	809120	844180	902990	878540	999520	1035470	1001590	932470
2	963320	919430	844660	802700	809840	846600	903980	880010	1003410	1035470	999780	929960
3	960530	918430	844180	802460	811030	848050	904230	883450	1005740	1036000	998230	927200
4	957730	914690	842970	801990	812220	849500	905720	886900	1007820	1036000	996160	924440
5	954690	911690	840790	801990	812220	851690	906710	888630	1010150	1036000	993840	921430
6	951140	908460	838140	802460	821310	853870	906960	890600	1012490	1035740	991000	919680
7	949120	907960	835730	802940	822030	860200	906710	892830	1014050	1035470	989450	920680
8	947350	905220	833560	803410	825150	862880	905220	894810	1016920	1036460	987390	920180
9	945830	902240	831150	802220	828750	865560	903480	897030	1017700	1031800	985590	919430
10	944310	899510	828510	802460	830430	867510	901500	901500	1018740	1029970	983790	918930
11	943050	897280	825630	802220	831390	869710	899260	905970	1021610	1028400	981730	916930
12	941290	894310	823470	801510	832840	871180	898770	909200	1024740	1026310	980190	917180
13	940020	891590	821070	801040	835490	871430	898020	913190	1027690	1024740	977880	917180
14	938510	889120	818200	800560	840550	871180	897780	918180	1029710	1022390	975830	915930
15	937250	886410	815810	799850	841280	872410	896540	922440	1032330	1020570	974040	914690
16	936240	883950	813180	799140	842970	872650	894560	926450	1034430	1019260	971740	913690
17	934990	880750	810320	798900	843690	872900	892580	932220	1034160	1017440	969950	912940
18	933980	878290	807460	798190	844900	873630	890600	938260	1033640	1015610	969700	912690
19	932470	875590	807460	797950	846600	877060	888880	943050	1036000	1013530	970210	911940
20	931470	872160	806980	797240	847080	878290	890360	945070	1036000	1011710	967660	912190
21	929710	872410	806500	796760	847320	883450	888880	948860	1036260	1009630	964850	911940
22	928450	869710	806030	796290	845630	885180	886410	952150	1036000	1007560	962050	911940
23	927200	867030	805550	796290	843690	887150	884930	955700	1035740	1005480	959260	910950
24	925940	864340	804840	796530	840790	889620	885670	961540	1037310	1003150	956720	908950
25	924690	862140	804120	797950	838380	893570	884440	967150	1036000	1001080	953670	907710
26	923440	859950	803650	798900	839100	894810	882220	973020	1035740	1002370	951140	906960
27	922690	857030	803170	799610	840550	896790	881240	977120	1035740	1003670	947600	906220
28	923190	854120	802700	800090	842000	898270	879520	980960	1036000	1004700	944570	904970
29	921940	851690	802220	800800	---	899260	877800	985590	1036000	1006000	941790	905220
30	920680	849260	801750	801270	---	900750	877560	988420	1035740	1005220	938510	905970
31	920660	---	804600	805550	---	901500	---	994350	---	1003410	935990	---
MAX	966130	919430	846840	805550	847320	901500	906960	994350	1037310	1036000	1001590	932470
MIN	920660	849260	801750	796290	809120	844180	877560	878540	999520	1001080	935990	904970
(a)	4,485.49	4,482.59	4,480.73	4,480.77	4,482.29	4,484.72	4,483.75	4,488.39	4,489.98	4,488.74	4,486.10	4,484.90
(b)	-47,700	-71,400	-44,700	+950	+36,500	+59,500	-23,900	+116,800	+41,400	-32,300	-67,400	-30,000

CAL YR 1974 b -164,100  
 WTR YR 1975 b -62,400

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