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 Canyondam.
DRAINAGE AREA.--491 mi^2 (1,272 km^2).
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, 1,142,000 acre-ft (1.41 km^3) June 4, 5, 10, 11 (gage height, 4,493.96 ft or 1,369.759 m); minimum observed, 864,100 acre-ft (1.07 km^3) Nov. 4, 5 (gage height, 4,483.20 ft or 1,366.479 m).
Period of record: Maximum contents, 1,142,000 acre-ft (1.41 km^3) 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^3) 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^3), revised, between gage heights 4,495.5 ft (1,370.23 m), revised, upper storage limit and 4,422 ft (1,347.8 m), bottom of lowest outlet, of which 8,950 acre-ft (11.0 hm^3) 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 THOUSANDS OF ACRE-FEET, AT 2400, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	892.6	868.7	946.8	971.0	1,038	1,028	1,096	1,072	1,133	1,132	1,083	1,007
2	892.1	867.5	950.9	972.8	1,036	1,031	1,099	1,071	1,137	1,130	1,081	1,005
3	890.6	866.1	952.4	974.8	1,033	1,036	1,101	1,070	1,141	1,129	1,079	1,002
4	890.1	864.1	953.7	975.8	1,032	1,039	1,102	1,069	1,142	1,127	1,077	1,000
5	888.6	864.8	954.4	977.9	1,031	1,038	1,103	1,069	1,142	1,126	1,076	998.0
6	887.4	864.8	952.9	977.6	1,029	1,040	1,103	1,070	1,141	1,124	1,073	995.4
7	888.4	865.8	952.2	977.6	1,028	1,043	1,103	1,070	1,141	1,122	1,071	993.1
8	887.2	867.8	950.9	977.4	1,027	1,045	1,102	1,072	1,141	1,123	1,069	990.2
9	885.4	873.6	950.4	976.4	1,026	1,047	1,102	1,074	1,141	1,122	1,066	988.2
10	884.0	882.5	950.1	974.8	1,025	1,049	1,101	1,075	1,142	1,121	1,064	985.6
11	882.7	898.3	950.6	973.8	1,024	1,051	1,101	1,077	1,142	1,119	1,061	982.8
12	881.7	910.5	948.1	975.3	1,022	1,050	1,100	1,079	1,141	1,118	1,058	980.2
13	880.5	917.2	950.4	976.1	1,021	1,050	1,098	1,081	1,141	1,117	1,056	977.4
14	879.0	920.9	950.1	979.7	1,020	1,049	1,097	1,082	1,141	1,115	1,053	975.1
15	877.8	924.2	949.4	991.0	1,019	1,049	1,097	1,082	1,141	1,113	1,051	972.8
16	876.6	929.2	948.9	1,004	1,020	1,049	1,096	1,083	1,140	1,111	1,048	971.0
17	875.1	934.5	948.9	1,013	1,019	1,049	1,094	1,084	1,140	1,110	1,045	969.4
18	873.9	937.0	949.1	1,023	1,018	1,050	1,093	1,084	1,139	1,108	1,043	967.9
19	873.1	939.3	949.6	1,033	1,019	1,050	1,092	1,084	1,140	1,106	1,040	966.1
20	871.4	941.8	951.1	1,041	1,018	1,049	1,090	1,084	1,140	1,104	1,037	964.6
21	870.7	943.3	954.2	1,045	1,019	1,049	1,089	1,087	1,139	1,103	1,035	964.9
22	873.9	945.3	954.9	1,047	1,019	1,049	1,087	1,090	1,139	1,101	1,033	966.1
23	873.6	947.4	953.9	1,047	1,017	1,050	1,087	1,092	1,139	1,100	1,030	967.9
24	873.6	947.4	955.5	1,047	1,017	1,050	1,085	1,094	1,138	1,097	1,027	969.2
25	875.1	946.1	953.9	1,046	1,015	1,050	1,083	1,098	1,137	1,096	1,024	970.5
26	875.1	944.1	953.4	1,045	1,015	1,052	1,081	1,102	1,136	1,094	1,022	972.0
27	873.9	942.0	954.9	1,044	1,014	1,055	1,079	1,108	1,135	1,092	1,020	972.8
28	873.4	939.5	957.5	1,043	1,014	1,060	1,077	1,113	1,135	1,090	1,017	972.5
29	871.9	938.5	961.5	1,041	------	1,068	1,075	1,118	1,133	1,088	1,015	970.7
30	870.7	941.3	964.9	1,040	------	1,083	1,073	1,123	1,133	1,087	1,013	968.4
31	870.0	------	968.7	1,039	------	1,090	------	1,128	------	1,085	1,010	------
MAX	892.6	947.4	968.7	1,047	1,038	1,090	1,103	1,128	1,142	1,132	1,083	1,007
MIN	870.0	864.1	946.8	971.0	1,014	1,028	1,073	1,069	1,133	1,085	1,010	964.6
(a)	4,483.44	4,486.31	4,487.39	4,490.11	4,489.14	4,492.03	4,491.40	4,493.45	4,493.63	4,491.83	4,489.00	4,487.38
(b)	-23,300	+71,300	+27,400	+70,300	-25,000	+76,000	-17,000	+55,000	+5,000	-48,000	-75,000	-41,600

CAL YR 1973 b +288,700
WTR YR 1974 b +75,100

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