

**11525400 Trinity Lake near Lewiston, CA**

Klamath River Basin

LOCATION.--Lat 40°48'05", long 122°45'44" referenced to North American Datum of 1927, in NW ¼ SW ¼ sec.15, T.34 N., R.8 W., Trinity County, CA, Hydrologic Unit 18010211, Trinity National Forest, Whiskeytown-Shasta-Trinity National Recreation Area, on side of intake structure of Trinity Dam on Trinity River, and 9 mi north of Lewiston.

DRAINAGE AREA.--692 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--November 1960 to current year. From October 1963 to September 1997 published as "Clair Engle Lake near Lewiston".

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (corrected) (levels by U.S. Bureau of Reclamation). Prior to Jan. 4, 1962, nonrecording gage at same site and datum. Contents based on capacity table provided by U.S. Bureau of Reclamation, dated April 1962.

COOPERATION.--Records were provided by U.S. Bureau of Reclamation, not rounded to U.S. Geological Survey standards.

REMARKS.--Lake is formed by an earth-fill dam completed in November 1960. Storage began Nov. 23, 1960. Usable capacity, 2,437,700 acre-ft, between elevations 1,995.5 ft, elevation of invert of river outlets, and 2,370.0 ft, crest of glory hole spillway. Dead storage, 10,000 acre-ft. Operating pool is from elevation 2,145.0 ft, capacity, 312,621 acre-ft, to 2,370.0 ft, capacity, 2,447,700 acre-ft. Figures given represent total contents at 2400 hours. Lake is used for power generation, flood control, and recreation. See schematic diagram of Klamath River and Trinity River Basins available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--(at 2400 hours) Maximum contents, 2,588,000 acre-ft, Jan. 19, 1974, elevation, 2,378.32 ft; minimum since first filling, 222,400 acre-ft, Nov. 9, 1977, elevation, 2,120.22 ft.

EXTREMES FOR CURRENT YEAR.--(at 2400 hours) Maximum contents, 1,678,456 acre-ft, May 5, elevation, 2,317.47 ft; minimum, 1,136,968 acre-ft, Sept. 30, elevation, 2,269.83 ft.

**Capacity table (elevation, in feet, and contents, in acre-feet)  
(Based on table provided by U.S. Bureau of Reclamation, dated April 1962)**

<b>Elevation</b>	<b>Contents</b>	<b>Elevation</b>	<b>Contents</b>	<b>Elevation</b>	<b>Contents</b>
2,100	162,231	2,190	529,611	2,310	1,583,586
2,140	292,859	2,250	955,140	2,380	2,616,989

## 11525400 Trinity Lake near Lewiston, CA—Continued

**RESERVOIR STORAGE, ACRE FEET**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**  
**DAILY OBSERVATION AT 2400 HOURS**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1	1,458,879	1,424,910	1,358,895	1,375,252	1,421,316	1,490,281	1,595,198	1,672,629	1,663,997	1,551,060	1,398,149	1,258,943	
2	1,457,228	1,422,244	1,358,783	1,375,366	1,424,331	1,493,996	1,597,202	1,675,089	1,663,481	1,545,287	1,394,253	1,254,420	
3	1,454,751	1,420,273	1,362,048	1,376,951	1,425,142	1,497,472	1,597,327	1,676,384	1,661,034	1,539,537	1,389,914	1,250,424	
4	1,452,155	1,418,766	1,364,975	1,385,471	1,425,722	1,500,481	1,598,582	1,678,326	1,658,335	1,533,425	1,385,129	1,246,452	
5	1,449,800	1,416,447	1,366,663	1,389,686	1,426,417	1,503,251	1,600,088	1,678,456	1,655,772	1,527,218	1,380,915	1,242,692	
6	1,447,688	1,414,367	1,367,789	1,391,736	1,426,533	1,506,263	1,601,092	1,677,290	1,653,081	1,521,743	1,376,045	1,238,833	
7	1,445,694	1,411,600	1,367,789	1,393,107	1,427,230	1,508,551	1,601,845	1,674,183	1,651,799	1,516,052	1,371,062	1,234,683	
8	1,443,231	1,408,949	1,367,789	1,395,514	1,427,697	1,511,208	1,603,226	1,670,309	1,651,030	1,510,239	1,366,551	1,230,222	
9	1,441,355	1,406,183	1,367,789	1,396,774	1,428,396	1,513,751	1,603,979	1,666,187	1,648,467	1,505,058	1,362,160	1,225,782	
10	1,440,064	1,405,031	1,368,014	1,397,691	1,429,329	1,516,657	1,605,611	1,661,936	1,645,908	1,499,397	1,357,550	1,221,659	
11	1,438,424	1,403,420	1,368,014	1,398,378	1,430,378	1,520,653	1,606,991	1,657,822	1,643,231	1,493,996	1,353,073	1,217,441	
12	1,438,074	1,401,357	1,368,014	1,399,409	1,431,428	1,524,905	1,610,390	1,652,952	1,639,024	1,489,442	1,348,372	1,213,036	
13	1,437,258	1,399,295	1,367,902	1,400,097	1,432,944	1,529,652	1,614,301	1,648,083	1,634,944	1,485,847	1,344,251	1,208,939	
14	1,436,675	1,397,232	1,367,902	1,400,784	1,434,809	1,534,277	1,619,979	1,647,057	1,632,656	1,481,674	1,339,580	1,204,763	
15	1,434,809	1,396,087	1,367,677	1,401,128	1,436,208	1,538,192	1,624,412	1,650,261	1,630,246	1,478,216	1,335,139	1,200,488	
16	1,433,643	1,393,910	1,367,677	1,401,701	1,437,841	1,541,617	1,628,217	1,655,900	1,626,441	1,473,213	1,331,053	1,196,024	
17	1,432,011	1,391,850	1,368,239	1,402,159	1,439,713	1,544,430	1,632,148	1,663,868	1,621,115	1,468,350	1,326,414	1,191,877	
18	1,432,361	1,389,800	1,370,609	1,402,618	1,441,707	1,547,863	1,636,601	1,670,309	1,615,941	1,462,894	1,321,250	1,187,231	
19	1,438,307	1,388,091	1,372,874	1,403,191	1,444,052	1,552,043	1,641,318	1,674,701	1,611,020	1,458,171	1,315,876	1,182,206	
20	1,439,478	1,386,496	1,374,573	1,403,534	1,446,164	1,555,978	1,644,888	1,676,902	1,605,485	1,453,571	1,311,071	1,177,986	
21	1,439,947	1,384,446	1,374,913	1,403,993	1,449,565	1,559,424	1,647,570	1,675,866	1,601,971	1,448,392	1,308,239	1,173,592	
22	1,439,361	1,381,939	1,375,026	1,404,339	1,452,981	1,563,008	1,650,261	1,671,855	1,596,825	1,443,583	1,305,407	1,169,398	
23	1,438,307	1,379,443	1,375,252	1,404,454	1,456,992	1,566,469	1,651,543	1,669,665	1,591,577	1,438,191	1,302,039	1,165,223	
24	1,437,608	1,377,857	1,375,592	1,405,146	1,463,724	1,570,053	1,651,799	1,669,150	1,586,583	1,433,177	1,298,145	1,160,956	
25	1,436,558	1,374,120	1,375,705	1,406,414	1,469,654	1,574,643	1,651,799	1,667,346	1,581,350	1,428,163	1,292,629	1,156,897	
26	1,435,742	1,370,043	1,375,932	1,408,488	1,474,162	1,578,618	1,653,593	1,665,929	1,576,009	1,424,099	1,287,794	1,152,855	
27	1,434,926	1,368,239	1,376,385	1,411,255	1,478,097	1,582,344	1,656,925	1,665,156	1,571,041	1,420,505	1,283,713	1,149,010	
28	1,433,527	1,364,862	1,375,026	1,413,675	1,482,031	1,585,833	1,661,549	1,665,414	1,566,716	1,415,173	1,279,325	1,145,088	
29	1,431,078	1,362,048	1,375,252	1,416,100	1,485,847	1,588,705	1,666,702	1,665,285	1,562,514	1,410,333	1,274,952	1,141,170	
30	1,428,979	1,358,783	1,375,252	1,417,491		1,591,078	1,669,794	1,665,156	1,556,470	1,406,760	1,269,735	1,136,968	
31	1,427,114		1,375,252	1,420,737		1,593,325		1,664,383		1,402,847	1,264,440		
<b>Max</b>	1,458,879	1,424,910	1,376,385	1,420,737	1,485,847	1,593,325	1,669,794	1,678,456	1,663,997	1,551,060	1,398,149	1,258,943	
<b>Min</b>	1,427,114	1,358,783	1,358,783	1,375,252	1,421,316	1,490,281	1,595,198	1,647,057	1,556,470	1,402,847	1,264,440	1,136,968	
<b>Elevation in feet, at end of month</b>	2,297.01	2,291.03	2,292.49	2,292.49	2,296.46	2,301.99	2,310.78	2,316.80	2,316.38	2,307.81	2,294.91	2,282.38	2,269.83
<b>Change in contents, in acre-feet</b>	-34,006	-68,331	+16,469	+45,485	+65,110	+107,478	+76,469	-5,411	-107,913	-153,623	-138,407	-127,472	

	Calendar Year 2007	Water Year 2008
<b>Max</b>	2,070,932	1,678,456
<b>Min</b>	1,358,783	1,136,968
<b>Change in contents, in acre-feet</b>	-410,554	-324,152

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