

**10297000 Topaz Lake Near Topaz, CA**

Walker Basin  
West Walker Subbasin

LOCATION.--Lat 38°41'35.64", long 119°31'13.11" referenced to North American Datum of 1983, in NW ¼ NE ¼ sec.33, T.10 N., R.22 E., Douglas County, NV, Hydrologic Unit 16050302, at boat ramp of Topaz Lake County Park on West Walker River, and 5.5 mi north of Topaz.

DRAINAGE AREA.--Not determined.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Dec 1921 to Sep 1931 (monthly contents only published in WSP 1734), Oct 1931 to current year.

GAGE.--Water-stage recorder. Datum of gage is above National Geodetic Vertical Datum of 1929, from topographic map. Prior to Oct 01, 1978, at datum 4.62 ft higher.

REMARKS.--Topaz Lake, formerly known as Alkali Lake and Topaz Reservoir, was formed by the diversion of water from West Walker River through a feeder canal and the construction of an outlet tunnel through a low saddle in rim of lake. Storage began about Dec 1921. Usable capacity, 59,440 acre-ft, between elevations 4,967.68 ft (lowest practical elevation for diversion through tunnel) and 5,000.38 ft (3 ft below top of levee). Usable capacity of reservoir was increased from about 45,000 acre-ft to 59,440 acre-ft in Oct 1937 by an earthfill, rock-faced levee at south end. Figures given herein represent usable contents. There is 65,000 acre-ft of lake volume below the point of controllable storage. Water is used for irrigation in Walker River Irrigation District.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 34,650 acre-ft, Apr 9, gage height 4,988.55 ft; minimum contents, 8,620 acre-ft, Sep 30, gage height, 4,973.20 ft.

Capacity table (elevation, in feet above NGVD 1929, and contents, in acre-feet)

Elevation	Contents	Elevation	Contents	Elevation	Contents
4,968	490	4,980	19,760	4,995	47,540
4,970	3,580	4,985	28,310	5,000	58,570
4,975	11,520	4,990	37,360	5,001	60,870

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**RESERVOIR STORAGE, ACRE FEET**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**  
**DAILY OBSERVATION AT 2400 HOURS**

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	21,960	18,500	22,970	27,020	30,520	34,250	34,230	33,220	31,990	25,600	17,960	11,580
2	21,710	18,630	23,100	27,140	30,640	34,270	34,210	33,220	31,960	25,310	17,700	11,470
3	21,490	18,780	23,220	27,280	30,780	34,320	34,160	33,140	31,920	25,040	17,420	11,340
4	21,320	18,900	23,320	27,450	30,910	34,420	34,140	33,240	31,800	24,710	17,080	11,160
5	21,170	19,020	23,460	27,590	31,030	34,490	34,160	33,130	31,600	24,400	16,740	11,050
6	21,050	19,170	23,580	27,700	31,190	34,530	34,250	32,890	31,370	24,150	16,400	10,970
7	20,920	19,350	23,720	27,840	31,320	34,510	34,420	32,620	31,160	23,870	16,120	10,890
8	20,780	19,500	23,820	27,980	31,490	34,470	34,540	32,410	31,050	23,620	15,890	10,790
9	20,700	19,640	23,960	28,100	31,620	34,430	34,580	32,320	30,890	23,340	15,700	10,690
10	20,730	19,750	24,090	28,220	31,850	34,400	34,510	32,370	30,780	23,050	15,430	10,550
11	20,750	19,960	24,210	28,360	32,080	34,420	34,400	32,410	30,710	22,780	15,180	10,400
12	20,730	20,060	24,350	28,450	32,260	34,430	34,180	32,510	30,690	22,510	14,940	10,260
13	20,730	20,310	24,490	28,500	32,410	34,420	33,960	32,640	30,660	22,240	14,690	10,130
14	20,730	20,530	24,680	28,550	32,550	34,420	33,850	32,680	30,570	21,960	14,510	9,950
15	20,710	20,730	24,780	28,640	32,680	34,420	33,870	32,690	30,430	21,680	14,330	9,840
16	20,660	20,950	24,920	28,730	32,820	34,420	33,890	32,730	30,240	21,420	14,130	9,730
17	20,610	21,120	25,040	28,810	32,960	34,420	33,890	32,800	29,970	21,200	13,940	9,620
18	20,530	21,300	25,160	28,900	33,130	34,400	33,830	32,910	29,620	20,970	13,690	9,490
19	20,430	21,490	25,240	29,010	33,290	34,380	33,810	32,980	29,230	20,880	13,510	9,360
20	20,360	21,610	25,330	29,090	33,420	34,420	33,800	33,040	28,870	20,710	13,350	9,330
21	20,210	21,790	25,470	29,220	33,520	34,470	33,800	33,050	28,570	20,510	13,200	9,250
22	20,040	21,950	25,640	29,320	33,670	34,490	33,760	33,050	28,290	20,240	13,090	9,180
23	19,870	22,000	25,760	29,410	33,740	34,490	33,760	32,950	27,980	19,990	12,930	9,120
24	19,650	22,150	25,910	29,530	33,760	34,470	33,690	32,780	27,680	19,700	12,810	9,060
25	19,370	22,290	26,020	29,640	34,000	34,420	33,620	32,620	27,370	19,450	12,670	8,990
26	19,100	22,410	26,210	29,720	34,160	34,490	33,470	32,500	27,020	19,250	12,520	8,940
27	18,850	22,510	26,360	29,850	34,270	34,400	33,270	32,350	26,690	19,030	12,310	8,910
28	18,680	22,630	26,480	29,990	34,250	34,380	33,140	32,300	26,410	18,830	12,100	8,830
29	18,570	22,730	26,610	30,130	---	34,340	33,160	32,230	26,100	18,620	11,940	8,800
30	18,480	22,830	26,740	30,270	---	34,290	33,250	32,140	25,860	18,430	11,810	8,800
31	18,470	---	26,860	30,390	---	34,290	---	e32,080	---	18,200	11,680	---
<b>Max</b>	21,960	22,830	26,860	30,390	34,270	34,530	34,580	33,240	31,990	25,600	17,960	11,580
<b>Min</b>	18,470	18,500	22,970	27,020	30,520	34,250	33,140	32,080	25,860	18,200	11,680	8,800
<b>Elevation, in feet above NGVD 1929, at end of month.</b>	18,470	22,830	26,860	30,390	34,250	34,290	33,250	32,080	25,860	18,200	11,680	8,800
<b>Change in contents, in acre-feet.</b>	-3,800	+4,360	+4,030	+3,530	+3,860	+40	-1,040	-1,170	-6,220	-7,660	-6,520	-2,880

	Calendar Year 2006	Water Year 2007
<b>Max</b>	59,210	34,580
<b>Min</b>	18,470	8,800
<b>Change in contents, in acre-feet.</b>	-6,010	-13,470

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