

**10336710 Marlette Lake Near Carson City, NV**

Truckee Basin  
Lake Tahoe Subbasin

LOCATION.--Lat 39°10'22.71", long 119°54'19.84" referenced to North American Datum of 1983, in SW ¼ SE ¼ sec.12, T.15 N., R.18 E., Washoe County, NV, Hydrologic Unit 16050101, in Toiyabe National Forest, on west shore, about 1,000 ft east from left side of dam on Marlette Creek, and 7.5 mi west of Carson City.

DRAINAGE AREA.--2.86 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Nov. 1973 to current year.

REVISED RECORDS.--WDR NV-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is above National Geodetic Vertical Datum of 1929 (spillway elevation furnished in written communication, 1971).

REMARKS.--Lake is formed by earthfill dam across the outlet of a small natural lake (at one time called Goodwin Lake) on Marlette Creek, built in 1873 to provide water for fluming lumber from Spooner Summit to Carson City. The dam was built higher in 1876 and used to divert water by flume and siphon to Virginia City, until the flume was abandoned prior to 1963. The dam was raised to its present elevation in 1959. Present capacity, 11,780 acre-ft at spillway; elevation, 7,838.0 ft. Figures given herein represent total contents. Stored water is used for spawning trout and in dry years is pumped over the mountain to the Hobart system for use outside the basin in Virginia City and Carson City. Lake freezes over in winter.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded contents, 12,320 acre-ft, Feb. 19, 1986, elevation, 7,839.23 ft; minimum, 10,720 acre-ft, Sep. 30, 2012, elevation, 7,835.20 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 12,050 acre-ft, Jan. 23, elevation, 7,838.62 ft; minimum contents, 10,720 acre-ft, Sep. 30, elevation, 7,835.20 ft.

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

Elevation	Contents	Elevation	Contents
7,835	10,650	7,838	11,790
7,836	11,030	7,839	12,220
7,837	11,410	7,840	12,650

## 10336710 Marlette Lake Near Carson City, NV—Continued

**RESERVOIR STORAGE, ACRE FEET**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**  
**DAILY OBSERVATION AT 2400 HOURS**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	11,820	11,780	11,790	11,890	11,960	11,940	11,980	11,970	11,860	11,640	11,340	11,020
2	11,810	11,770	11,790	11,890	11,950	11,930	11,970	11,970	11,850	11,640	11,320	11,010
3	11,810	11,780	11,790	11,890	11,950	11,930	11,960	11,970	11,850	11,630	11,320	11,000
4	11,800	11,780	11,790	11,890	11,950	11,920	11,960	11,960	11,870	11,620	11,300	10,980
5	11,830	11,770	11,800	11,900	11,940	11,910	11,950	11,950	11,870	11,610	11,300	10,980
6	11,850	11,780	11,800	11,900	11,940	11,900	11,950	11,940	11,860	11,600	11,280	10,980
7	11,850	11,780	11,810	11,900	11,940	11,910	11,940	11,940	11,850	11,590	11,270	10,970
8	11,860	11,770	11,810	11,900	11,940	11,900	11,940	11,940	11,850	11,580	11,270	10,960
9	11,860	11,770	11,810	11,900	11,940	11,900	11,930	11,940	11,840	11,570	11,250	10,950
10	11,870	11,770	11,810	11,900	11,930	11,900	11,930	11,940	11,830	11,560	11,240	10,940
11	11,860	11,760	11,820	11,900	11,930	11,900	11,930	11,930	11,820	11,550	11,230	10,930
12	11,860	11,760	11,820	11,900	11,930	11,890	11,940	11,930	11,810	11,540	11,220	10,920
13	11,860	11,760	11,830	11,900	11,940	11,900	11,940	11,920	11,810	11,530	11,220	10,900
14	11,870	11,760	11,830	11,900	11,910	11,910	11,940	11,920	11,800	11,520	11,210	10,890
15	11,870	11,760	11,830	11,890	11,940	11,920	11,940	11,920	11,790	11,510	11,200	10,880
16	11,860	11,760	11,830	11,900	11,930	11,990	11,940	11,920	11,780	11,500	11,190	10,870
17	11,870	11,740	11,840	11,890	11,930	12,010	11,940	11,910	11,780	11,480	11,180	10,860
18	11,870	11,750	11,850	11,900	11,930	12,000	11,930	11,910	11,760	11,470	11,170	10,850
19	11,860	11,770	11,850	11,890	11,920	12,000	11,940	11,900	11,750	11,460	11,160	10,840
20	11,850	11,770	11,850	11,930	11,930	11,990	11,940	11,900	11,740	11,450	11,150	10,830
21	11,850	11,770	11,850	11,980	11,920	11,980	11,940	11,900	11,740	11,440	11,150	10,820
22	11,840	11,770	11,860	11,990	11,910	11,970	11,950	11,890	11,730	11,430	11,130	10,810
23	11,840	11,790	11,860	12,040	11,910	11,970	11,960	11,880	11,720	11,430	11,120	10,790
24	11,830	11,780	11,860	12,030	11,900	11,970	11,960	11,880	11,700	11,420	11,110	10,780
25	11,820	11,790	11,870	12,010	11,900	11,960	11,970	11,890	11,700	11,420	11,110	10,770
26	11,810	11,790	11,870	12,000	11,900	11,950	11,980	11,900	11,690	11,400	11,090	10,760
27	11,810	11,790	11,870	11,990	11,920	11,960	11,980	11,900	11,680	11,390	11,080	10,750
28	11,810	11,790	11,880	11,980	11,880	11,970	11,970	11,890	11,670	11,380	11,060	10,740
29	11,800	11,800	11,880	11,970	11,930	11,970	11,970	11,890	11,660	11,370	11,050	10,730
30	11,800	11,790	11,880	11,970	---	11,960	11,960	11,880	11,650	11,360	11,040	10,720
31	11,790	---	11,890	11,960	---	11,970	---	11,870	---	11,350	11,030	---
<b>Max</b>	11,870	11,800	11,890	12,040	11,960	12,010	11,980	11,970	11,870	11,640	11,340	11,020
<b>Min</b>	11,790	11,740	11,790	11,890	11,880	11,890	11,930	11,870	11,650	11,350	11,030	10,720
<b>Elevation, in feet above NGVD 1929 (project datum), at end of month.</b>	7,838.00	7,837.99	7,838.24	7,838.41	7,838.33	7,838.44	7,838.41	7,838.20	7,837.64	7,836.84	7,836.00	7,835.19
<b>Change in contents, in acre-feet.</b>	-30	0	+100	+70	-30	+40	-10	-90	-220	-300	-320	-310

	Calendar Year 2011	Water Year 2012
<b>Max</b>	12,160	12,040
<b>Min</b>	11,740	10,720
<b>Change in contents, in acre-feet.</b>	-60	-1100

**10336710 Marlette Lake Near Carson City, NV—Continued**

