

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 mi².

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, 11,830 acre-ft, May 11, elevation, 7,838.09 ft; minimum contents, 10,590 acre-ft, Oct. 22, elevation 7,834.85 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 2012 TO SEPTEMBER 2013
DAILY OBSERVATION AT 2400 HOURS

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	10,720	10,680	10,830	11,250	11,330	11,390	11,550	11,700	11,800	11,750	11,410	11,060
2	10,710	10,680	10,900	11,240	11,330	11,390	11,550	11,710	11,800	11,740	11,390	11,060
3	10,710	10,680	10,910	11,240	11,330	11,420	11,550	11,710	11,800	11,730	11,380	11,050
4	10,700	10,680	10,920	11,250	11,340	11,420	11,570	11,710	11,800	11,720	11,370	11,030
5	10,700	10,680	10,950	11,250	11,340	11,410	11,570	11,720	11,800	11,710	11,360	11,020
6	10,690	10,680	10,950	11,250	11,340	11,440	11,570	11,750	11,800	11,700	11,350	11,010
7	10,690	10,680	10,960	11,250	11,350	11,450	11,580	11,790	11,790	11,680	11,340	11,000
8	10,680	10,700	10,960	11,250	11,350	11,450	11,590	11,800	11,790	11,670	11,330	10,990
9	10,680	10,700	10,960	11,260	11,350	11,450	11,580	11,800	11,790	11,660	11,320	10,980
10	10,680	10,700	10,970	11,270	11,350	11,450	11,600	11,810	11,800	11,650	11,310	10,970
11	10,670	10,710	10,950	11,280	11,360	11,450	11,610	11,810	11,800	11,630	11,300	10,960
12	10,680	10,710	11,000	11,280	11,360	11,460	11,610	11,810	11,790	11,620	11,280	10,950
13	10,670	10,710	11,000	11,280	11,360	11,460	11,620	11,810	11,790	11,610	11,270	10,950
14	10,670	10,710	11,000	11,280	11,360	11,460	11,610	11,810	11,780	11,600	11,260	10,940
15	10,670	10,710	11,010	11,280	11,360	11,460	11,640	11,810	11,780	11,590	11,250	10,930
16	10,670	10,710	10,990	11,280	11,360	11,460	11,650	11,810	11,770	11,580	11,230	10,920
17	10,660	10,730	11,030	11,280	11,360	11,470	11,660	11,810	11,770	11,570	11,220	10,900
18	10,660	10,740	11,030	11,290	11,350	11,470	11,660	11,810	11,760	11,560	11,220	10,890
19	10,650	10,750	11,040	11,290	11,370	11,470	11,660	11,810	11,760	11,550	11,200	10,880
20	10,650	10,760	11,040	11,290	11,380	11,490	11,670	11,810	11,760	11,540	11,190	10,860
21	10,640	10,750	11,040	11,290	11,380	11,490	11,670	11,810	11,760	11,530	11,190	10,870
22	10,650	10,750	11,110	11,300	11,380	11,490	11,680	11,800	11,750	11,520	11,170	10,860
23	10,670	10,750	11,160	11,300	11,380	11,500	11,680	11,800	11,750	11,510	11,160	10,840
24	10,670	10,750	11,160	11,310	11,380	11,500	11,680	11,800	11,760	11,500	11,150	10,810
25	10,670	10,760	11,190	11,310	11,380	11,500	11,690	11,800	11,780	11,490	11,140	10,810
26	10,670	10,760	11,220	11,310	11,390	11,500	11,700	11,800	11,780	11,480	11,120	10,810
27	10,670	10,760	11,220	11,320	11,390	11,510	11,700	11,800	11,770	11,470	11,110	10,800
28	10,670	10,770	11,220	11,320	11,390	11,510	11,700	11,810	11,770	11,460	11,100	10,790
29	10,680	10,740	11,230	11,320	---	11,520	11,700	11,810	11,760	11,440	11,090	10,770
30	10,680	10,830	11,230	11,330	---	11,520	11,700	11,810	11,760	11,430	11,080	10,760
31	10,670	---	11,240	11,330	---	11,540	---	11,800	---	11,420	11,070	---
Max	10,720	10,830	11,240	11,330	11,390	11,540	11,700	11,810	11,800	11,750	11,410	11,060
Min	10,640	10,680	10,830	11,240	11,330	11,390	11,550	11,700	11,750	11,420	11,070	10,760
Elevation, in feet above NGVD 1929 (project datum), at end of month.	7,835.06	7,835.48	7,836.55	7,836.79	7,836.94	7,837.34	7,837.76	7,838.03	7,837.91	7,837.03	7,836.11	7,835.29
Change in contents, in acre-feet.	-50	+160	+410	+90	+60	+150	+160	+100	-40	-340	-350	-310

	Calendar Year 2012	Water Year 2013
Max	12,040	11,810
Min	10,640	10,640
Change in contents, in acre-feet.	-1,060	+40

10336710 Marlette Lake Near Carson City, NV—Continued

