



Water-Data Report 2007

## 10287700 Tioga Lake near Lee Vining, CA

Mono Lake Basin

LOCATION.--Lat 37°55'41", long 119°15'01" referenced to North American Datum of 1927, in SE ¼ SE ¼ sec.19, T.1 N., R.25 E., Mono County, CA, Hydrologic Unit 18090101, in Inyo National Forest, at left abutment of dam, on Glacier Creek, and 7.4 mi west of Lee Vining.

DRAINAGE AREA.--3.67 mi<sup>2</sup>.

### SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1990 to current year. Unpublished records prior to October 1990 available in files of Southern California Edison Co.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by Southern California Edison Co.).

COOPERATION.--Records collected by Southern California Edison Co., under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project no. 1388.

REMARKS.--No records computed during the winter months. Reservoir is formed on natural lake by rock-fill dam completed in 1928. Usable capacity, 1,254 acre-ft, between elevations 9,626.72 ft, invert of outlet, and 9,650.28 ft, crest of spillway. Figures given represent usable contents. Water is used for power development downstream.

**Capacity table (elevation, in feet, and contents, in acre-feet)  
(Based on survey by Southern California Edison Co., dated Aug. 19, 1981)**

Elevation	Contents	Elevation	Contents	Elevation	Contents
9,626.72	0	9,635	356	9,646	962
9,630	131	9,640	609	9,652	1,383

## 10287700 Tioga Lake near Lee Vining, CA—Continued

**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	1,190	1,010	---	---	---	---	---	---	918	1,040	1,090	1,110
2	1,190	---	---	---	---	---	---	---	931	1,040	1,090	1,110
3	1,190	---	---	---	---	---	---	---	943	1,040	1,100	1,110
4	1,180	---	---	---	---	---	---	---	955	1,040	1,100	1,110
5	1,170	---	---	---	---	---	---	---	963	1,040	1,100	1,110
6	1,170	---	---	---	---	---	---	---	970	1,040	1,100	1,120
7	1,160	---	---	---	---	---	---	---	977	1,040	1,100	1,120
8	1,150	---	---	---	---	---	---	---	981	1,040	1,110	1,120
9	1,150	---	---	---	---	---	---	---	986	1,040	1,110	1,120
10	1,140	---	---	---	---	---	---	---	991	1,040	e1,090	1,120
11	1,130	---	---	---	---	---	---	---	996	1,040	1,100	1,120
12	1,130	---	---	---	---	---	---	---	1,010	1,040	1,100	1,120
13	1,120	---	---	---	---	---	---	---	1,010	1,040	1,100	1,120
14	1,110	---	---	---	---	---	---	---	1,020	1,040	1,100	1,120
15	1,110	---	---	---	---	---	---	---	1,030	1,040	1,100	1,120
16	1,100	---	---	---	---	---	---	---	1,030	1,040	1,100	1,120
17	1,090	---	---	---	---	---	---	---	1,030	1,040	1,100	1,120
18	1,090	---	---	---	---	---	---	---	599	1,040	1,040	1,100
19	1,080	---	---	---	---	---	---	---	633	1,040	1,040	1,100
20	1,070	---	---	---	---	---	---	---	668	1,040	1,050	1,100
21	1,060	---	---	---	---	---	---	---	698	1,040	1,050	1,100
22	1,060	---	---	---	---	---	---	---	720	1,040	1,050	1,100
23	1,050	---	---	---	---	---	---	---	737	1,050	1,040	1,100
24	1,040	---	---	---	---	---	---	---	754	1,040	1,050	1,100
25	1,040	---	---	---	---	---	---	---	773	1,040	1,050	1,090
26	1,030	---	---	---	---	---	---	---	795	1,040	1,060	1,090
27	1,030	---	---	---	---	---	---	---	819	1,040	1,060	1,090
28	1,030	---	---	---	---	---	---	---	839	1,040	1,060	1,090
29	1,020	---	---	---	---	---	---	---	865	1,040	1,070	1,100
30	1,020	---	---	---	---	---	---	---	885	1,040	1,080	1,100
31	1,010	---	---	---	---	---	---	---	902	---	1,080	1,110
<b>Max</b>	1,190	---	---	---	---	---	---	---	1,050	1,080	1,110	1,130
<b>Min</b>	1,010	---	---	---	---	---	---	---	918	1,040	1,090	1,110
<b>Elevation, in feet, at end of month</b>	9,646.75	---	---	---	---	---	---	9,645.05	9,647.24	9,647.85	9,648.21	9,648.40
<b>Change in contents, in acre-feet</b>	-170	---	---	---	---	---	---	---	+138	+40	+30	+10

<b>Water Year 2007</b>	
<b>Change in contents, in acre-feet</b>	-70

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