



Water-Data Report 2007

10287260 Waugh Lake near June Lake, CA

Mono Lake Basin

LOCATION.--Lat 37°45'04", long 119°10'52" referenced to North American Datum of 1927, Mono County, CA, Hydrologic Unit 18090101, unsurveyed, in Inyo National Forest, near outlet, at base of Rush Creek Meadows Dam, on Rush Creek, and 6.0 mi southwest of town of June Lake.

DRAINAGE AREA.--15.3 mi².

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 Unpublished records prior to October 1990 available in files of Southern California Edison Co.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. 1389.

REMARKS.--No records computed during the winter months. Reservoir is formed by concrete dam completed in 1925. Total capacity, 5,277 acre-ft, between elevations 9,368.60 ft, invert of outlet, and 9,415.61 ft, crest of spillway, all of which are available for release. Figures given represent total contents at 2400 hours. 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. 18, 1981)
(CORRECTED)

Elevation	Contents	Elevation	Contents	Elevation	Contents	Elevation	Contents
9,368.60	0	9,390	1,283	9,400	2,670	9,410	4,277
9,380	148	9,395	1,948	9,405	3,447	9,418	5,727
9,385	681						

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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	4,270	---	---	---	---	---	---	---	2,830	4,280	4,940	4,920
2	4,200	---	---	---	---	---	---	---	2,930	4,300	4,950	4,930
3	4,110	---	---	---	---	---	---	---	3,010	4,320	4,960	4,930
4	4,020	---	---	---	---	---	---	---	3,090	4,340	4,970	4,930
5	3,940	---	---	---	---	---	---	---	3,110	4,370	4,970	4,930
6	3,850	---	---	---	---	---	---	---	e3,130	4,400	4,960	4,920
7	3,770	---	---	---	---	---	---	---	e3,150	4,420	4,960	4,920
8	3,690	---	---	---	---	---	---	---	3,170	4,450	4,850	4,910
9	3,600	---	---	---	---	---	---	---	3,190	4,480	e4,860	4,900
10	3,520	---	---	---	---	---	---	---	3,230	4,500	e4,860	4,880
11	3,400	---	---	---	---	---	---	---	3,260	4,520	e4,860	4,870
12	3,360	---	---	---	---	---	---	---	3,310	4,550	e4,870	4,850
13	3,260	---	---	---	---	---	---	---	3,400	4,570	e4,870	4,830
14	3,130	---	---	---	---	---	---	---	3,480	4,590	e4,870	4,800
15	3,100	---	---	---	---	---	---	---	3,580	4,610	e4,880	4,780
16	3,030	---	---	---	---	---	---	397	3,680	4,630	e4,890	4,760
17	2,830	---	---	---	---	---	---	567	3,750	4,660	4,890	4,740
18	2,580	---	---	---	---	---	---	748	3,820	4,670	4,880	4,720
19	2,350	---	---	---	---	---	---	843	3,880	4,680	4,870	4,680
20	2,050	---	---	---	---	---	---	975	3,930	4,690	4,850	4,650
21	1,900	---	---	---	---	---	---	1,020	3,980	4,700	4,840	4,620
22	1,680	---	---	---	---	---	---	1,020	4,030	4,700	4,830	4,600
23	1,380	---	---	---	---	---	---	1,140	4,070	4,710	4,830	4,560
24	1,010	---	---	---	---	---	---	1,390	4,100	4,750	4,820	4,530
25	569	---	---	---	---	---	---	e1,840	4,130	4,800	4,810	4,500
26	310	---	---	---	---	---	---	1,800	4,150	4,830	4,810	4,470
27	57	---	---	---	---	---	---	1,940	4,180	4,850	4,820	4,440
28	0.00	---	---	---	---	---	---	2,070	4,200	4,870	4,830	4,390
29	---	---	---	---	---	---	---	2,200	4,220	4,890	4,830	4,360
30	---	---	---	---	---	---	---	2,390	4,250	4,910	4,880	4,320
31	---	---	---	---	---	---	---	2,680	---	4,930	4,910	---
Max	---	---	---	---	---	---	---	---	4,250	4,930	4,970	4,930
Min	---	---	---	---	---	---	---	---	2,830	4,280	4,810	4,320
Elevation, in feet, at end of month	---	---	---	---	---	---	---	9,400.10	9,409.84	9,413.70	9,413.60	9,410.26
Change in contents, in acre-feet	---	---	---	---	---	---	---	---	+1,570	+680	-20	-590

Water Year 2007

Change in contents, in acre-feet -10

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