



Water-Data Report 2008

10287060 Lundy Lake near Lee Vining, CA

Mono Lake Basin

LOCATION.--Lat 38°01'56", long 119°13'11" referenced to North American Datum of 1927, in NW ¼ SE ¼ sec.16, T.2 N., R.25 E., Mono County, CA, Hydrologic Unit 18090101, near right abutment of spillway of Lundy Lake Dam, on Mill Creek, and 7.6 mi northwest of Lee Vining.

DRAINAGE AREA.--16.3 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 Unpublished records prior to October 1990 available in files of Southern California Edison Co.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 were collected by Southern California Edison Co., under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project no. 1390.

REMARKS.--Reservoir is formed on natural lake by rock-fill dam completed in 1910. Usable capacity, 4,113 acre-ft, between elevations 7,766.43 ft, invert of outlet, and 7,807.81 ft, crest of spillway. Figures given represent usable contents. Water is used for power development and irrigation downstream.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 4,200 acre-ft, July 7, 8, 2005, elevation, 7,808.43 ft; minimum, 322 acre-ft, Apr. 18, 19, 2006, minimum elevation unknown, Apr. 19, 2006.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 3,940 acre-ft, June 30, July 1, elevation, 7,806.46 ft; minimum, 973 acre-ft, May 14, elevation, 7,779.39 ft.

**Capacity table (elevation, in feet, and contents, in acre-feet)
(Based on survey by Southern California Edison Co., dated Aug. 17, 1981)**

Elevation	Contents	Elevation	Contents	Elevation	Contents
7,766.43	0	7,780	1,027	7,800	3,126
7,770	213	7,790	2,001	7,810	4,406

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RESERVOIR STORAGE, ACRE FEET
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY OBSERVATION AT 2400 HOURS

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2,310	1,960	1,640	1,380	1,230	1,090	1,130	1,260	1,200	3,940	3,690	e3,220
2	2,300	1,950	1,620	1,370	1,220	1,090	1,130	1,270	1,240	3,920	3,670	e3,200
3	2,290	1,940	1,610	1,360	1,220	1,080	1,130	1,280	1,300	3,910	3,650	e3,180
4	2,270	1,920	1,600	e1,360	1,220	1,080	1,140	1,270	1,370	3,900	3,630	e3,160
5	2,260	1,910	1,600	e1,360	1,210	1,080	1,140	1,220	1,450	3,870	3,630	e3,150
6	2,250	1,900	1,590	e1,360	1,200	1,080	1,140	1,180	1,530	3,860	3,610	e3,130
7	2,240	1,890	1,590	e1,360	1,190	1,070	1,140	1,140	1,630	3,850	3,600	e3,110
8	2,230	1,880	1,580	e1,350	1,190	1,070	1,140	1,100	1,730	3,830	3,590	e3,090
9	2,220	1,870	1,570	e1,350	1,180	1,070	1,140	1,070	1,840	3,810	3,580	e3,070
10	2,200	1,860	1,560	e1,350	1,170	1,070	1,140	1,050	1,960	3,790	3,560	e3,060
11	2,200	1,850	1,550	1,350	1,170	1,070	1,140	1,040	2,090	3,760	3,550	3,040
12	2,180	1,840	1,540	1,340	1,160	1,070	1,150	1,010	2,200	3,730	3,540	3,020
13	2,170	1,830	1,530	1,340	1,160	1,090	1,160	991	2,310	3,750	3,530	3,000
14	2,160	1,820	1,520	1,330	1,150	1,090	1,170	973	2,430	3,780	3,510	2,980
15	2,150	1,810	1,510	1,320	1,140	1,090	1,180	979	2,560	3,810	3,500	2,960
16	2,140	1,800	1,510	1,310	1,140	1,090	1,190	1,030	2,690	3,830	3,490	2,940
17	2,130	1,790	1,500	1,310	1,130	1,090	1,200	1,090	2,730	3,840	3,480	2,920
18	2,110	1,780	1,490	1,300	1,130	1,090	1,210	1,160	2,760	3,840	3,460	2,890
19	2,100	1,760	1,480	1,290	1,120	1,090	1,220	1,250	2,800	3,840	3,440	2,870
20	2,090	1,760	e1,480	1,290	1,110	1,090	1,220	1,350	2,830	3,840	3,430	2,850
21	2,080	1,750	1,470	1,280	1,110	1,090	1,220	1,420	2,990	3,830	3,410	2,830
22	2,060	1,730	1,460	1,270	1,110	1,100	1,220	1,450	3,180	3,820	3,400	2,800
23	2,050	1,720	1,460	1,270	e1,110	1,100	1,220	1,450	3,370	3,810	e3,380	2,790
24	2,040	1,710	1,450	1,270	e1,110	1,100	1,220	1,420	3,540	3,800	e3,360	2,770
25	2,030	1,700	1,440	1,260	e1,110	1,110	1,220	1,400	3,710	3,790	e3,340	2,750
26	2,020	1,690	1,430	1,250	1,110	1,110	1,220	1,370	3,850	3,790	e3,330	2,740
27	2,010	1,680	1,420	1,260	1,100	1,110	1,220	1,320	3,900	3,790	e3,310	2,720
28	2,000	1,670	1,420	1,250	1,100	1,120	1,230	1,270	3,920	3,780	e3,290	2,700
29	1,990	1,660	1,410	1,250	1,090	1,120	1,240	1,220	3,930	3,760	e3,270	2,690
30	1,980	1,650	1,400	1,240	---	1,130	1,240	1,180	3,940	3,730	e3,250	2,670
31	1,970	---	1,390	1,240	---	1,130	---	1,180	---	3,710	e3,240	---
Max	2,310	1,960	1,640	1,380	1,230	1,130	1,240	1,450	3,940	3,940	3,690	3,220
Min	1,970	1,650	1,390	1,240	1,090	1,070	1,130	973	1,200	3,710	3,240	2,670
Elevation, in feet, at end of month	7,789.68	7,786.53	7,783.89	7,782.32	7,780.73	7,781.10	7,782.35	7,781.66	7,806.46	7,804.73	---	7,796.12
Change in contents, in acre-feet	-360	-320	-260	-150	-150	+40	+110	-60	+2,760	-230	-470	-570

	Calendar Year 2007	Water Year 2008
Max	3,540	3,940
Min	332	973
Change in contents, in acre-feet	-60	+340

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