

11020600 El Capitan Lake near Lakeside, CA

San Diego River Basin

LOCATION.--Lat 32°52'56", long 116°48'30" referenced to North American Datum of 1927, in SE ¼ NE ¼ sec.7, T.15 S., R.2 E., San Diego County, CA, Hydrologic Unit 18070304, on left bank, 100 ft upstream from El Capitan Dam on San Diego River, and 7.0 mi east of Lakeside.

DRAINAGE AREA.--188 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1936 to September 1966 (published with San Diego River at El Capitan Dam, station 11020500), October 1972 to September 1993, March 2004 to current year. Monthend contents only October 1972 to September 1987. October 1936 to September 1945, published in WSP 1315-B, not equivalent due to exclusion of greater part of flow released from Cuyamaca Reservoir.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by city of San Diego). Prior to October 1987, nonrecording gage at same site.

REMARKS.--Records fair. Reservoir is formed by hydraulic fill-rock embankment, completed in 1935. Capacity of reservoir at spillway level, 112,810 acre-ft, elevation, 750.00 ft. Dead storage below lowest outlet, 59 acre-ft, elevation, 574.00 ft. Reservoir storage includes supplemental Colorado River water. No significant diversion upstream from reservoir. Inflow partly regulated by Cuyamaca Reservoir, capacity, 11,740 acre-ft. Water is released as required for municipal use and irrigation. See schematic diagram of the San Diego River Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 114,500 acre-ft, spilling, Mar. 7, 1980, elevation, 751.09 ft; minimum observed, 2,252 acre-ft, May 1, 1957, elevation, 606.28 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 76,220 acre-ft, Oct 2, elevation 721.04 ft; minimum observed, 56,450 acre-ft, Sept 30, elevation, 702.95 ft.

**Capacity table (elevation, in feet, and contents, in acre-feet)
(Based on table dated May 25, 1956)**

Elevation	Contents	Elevation	Contents	Elevation	Contents	Elevation	Contents
600	1,450	630	7,820	660	20,650	720	71,790
610	2,820	640	11,310	680	33,780	740	97,790
620	4,940	650	15,530	700	50,730	753	117,550

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RESERVOIR STORAGE, ACRE FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY OBSERVATION AT 2400 HOURS

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	76,190	72,940	71,880	72,030	71,690	71,770	70,760	70,400	69,890	66,920	62,940	59,260
2	76,130	72,770	71,880	72,020	71,700	71,620	70,760	70,380	69,880	66,850	62,820	59,130
3	76,060	72,610	71,880	72,000	71,700	71,480	70,750	70,370	69,860	66,770	62,680	58,960
4	76,000	72,410	71,880	71,990	71,700	71,380	70,730	70,350	69,810	66,690	62,550	58,820
5	75,950	72,240	71,870	71,980	71,690	71,320	70,730	70,330	69,690	66,600	62,390	58,690
6	75,900	72,060	71,870	72,020	71,700	71,240	70,730	70,360	69,540	66,520	62,250	58,550
7	75,870	72,000	71,870	72,030	71,700	71,180	70,720	70,360	69,430	66,410	62,180	58,400
8	75,820	72,020	71,850	72,020	71,770	71,270	70,710	70,350	69,280	66,290	62,160	58,250
9	75,750	72,040	71,870	72,000	71,770	71,320	70,690	70,330	69,160	66,140	62,140	58,120
10	75,690	72,020	71,840	71,910	71,780	71,330	70,690	70,320	69,020	66,010	62,120	57,980
11	75,640	72,000	71,820	71,800	71,780	71,310	70,670	70,330	68,900	65,870	62,100	57,840
12	75,620	71,990	71,810	71,680	71,780	71,310	70,670	70,310	68,780	65,740	62,080	57,700
13	75,560	71,970	71,890	71,530	71,780	71,240	70,640	70,300	68,650	65,600	62,040	57,530
14	75,500	71,960	71,920	71,490	71,780	71,150	70,640	70,270	68,520	65,460	61,890	57,370
15	75,440	71,960	71,960	71,490	71,750	71,040	70,630	70,240	68,380	65,290	61,730	57,220
16	75,370	71,950	71,960	71,490	71,780	70,950	70,630	70,220	68,310	65,130	61,580	57,040
17	75,310	71,950	71,970	71,480	71,780	70,850	70,610	70,210	68,290	64,950	61,430	56,900
18	75,230	71,930	72,020	71,480	71,770	70,810	70,590	70,190	68,270	64,770	61,270	e56,700
19	75,160	71,930	72,000	71,470	71,810	70,800	70,570	70,170	68,230	64,610	61,140	e56,650
20	75,080	71,920	72,000	71,480	71,880	70,830	70,550	70,150	68,120	64,450	61,000	e56,640
21	74,910	71,920	71,980	71,470	71,900	70,800	70,540	70,130	67,980	64,350	60,870	56,640
22	74,740	71,920	71,980	71,470	71,900	70,830	70,530	70,110	67,830	64,210	60,700	56,600
23	74,570	71,910	71,980	71,460	71,900	70,800	70,510	70,100	67,710	64,080	60,520	56,600
24	74,390	71,890	71,990	71,470	71,900	70,810	70,490	70,060	67,580	63,950	60,340	e56,550
25	74,230	71,880	71,980	71,590	71,890	70,800	70,490	70,040	67,470	63,830	60,190	56,560
26	74,020	71,880	71,990	71,630	71,900	70,800	70,480	70,020	67,370	63,700	60,030	56,520
27	73,840	71,870	72,000	71,640	71,900	70,800	70,460	69,990	67,280	63,580	59,910	56,510
28	73,660	71,880	72,000	71,670	71,870	70,790	70,450	69,970	67,190	63,470	59,790	56,500
29	73,480	71,870	72,000	71,680	---	70,800	70,440	69,960	67,120	63,330	59,660	56,480
30	73,300	71,880	72,030	71,690	---	70,790	70,430	69,950	67,040	63,210	59,510	56,450
31	73,120	---	72,040	71,690	---	70,780	---	69,910	---	e63,050	59,360	---
Max	76,190	72,940	72,040	72,030	71,900	71,770	70,760	70,400	69,890	66,920	62,940	59,260
Min	73,120	71,870	71,810	71,460	71,690	70,780	70,430	69,910	67,040	63,050	59,360	56,450
Elevation, in feet, at end of month	718.42	717.35	717.49	717.19	717.34	716.40	716.09	715.64	713.06	°709.38	705.85	702.95
Change in contents, in acre-feet	-3,080	-1,240	160	-350	180	-1,090	-350	-520	-2,870	°-3,990	-3,690	-2,910

	Calendar Year 2012	Water Year 2013
Max	86,460	76,220
Min	71,800	56,450

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