

11022100 San Vicente Reservoir near Lakeside, CA

San Diego River Basin

LOCATION.--Lat 32°54'48", long 116°55'38" referenced to North American Datum of 1927, in SE ¼ NE ¼ sec.36, T.14 S., R.1 W., San Diego County, CA, Hydrologic Unit 18070304, on left side of the old boat ramp, west of San Vicente Dam and 3.6 mi north of Lakeside.

DRAINAGE AREA.--74.2 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1946 to September 1961 (published with San Vicente Creek at San Vicente Dam, at Foster, station 11022000), October 1972 to September 1998, April 2004 to current year. Monthend contents only October 1972 to September 1987.

REVISED RECORDS.--WSP 1928: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is NGVD of 1929, from topographic map. Prior to October 1987, nonrecording gage at same site.

REMARKS.--Records poor. Reservoir is formed by concrete-gravity dam, constructed 1941-43 by city of San Diego; storage began during construction period. Capacity of reservoir at spillway level, 90,230 acre-ft, elevation, 650 ft. Dead storage below lowest outlet, 350 acre-ft, elevation, 493.0 ft. Reservoir storage includes supplemental water from the San Diego River, Santa Ysabel Creek, and Colorado River basins. No diversion upstream from reservoir. Water is released as required for municipal use. Contents prior to October 2005 based on capacity table in use at that time. See schematic diagram of the San Diego River Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 94,200 acre-ft, spilling, Feb. 21, 1980, elevation, 653.54 ft; minimum observed, 12,390 acre-ft, Nov. 1, 1947, elevation, 549.22 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 40,970 acre-ft, Nov. 29, elevation, 597.52 ft; minimum observed, 37,160 acre-ft, July 16-18, elevation, 592.40, ft.

**Capacity table (elevation, in feet, and contents, in acre-feet)
(Based on table provided by city of San Diego, dated March 7, 2005)**

Elevation	Contents	Elevation	Contents	Elevation	Contents
580	28,650	610	51,000	640	78,780
590	35,480	620	59,650	650	89,310
600	42,940	630	68,910	655	94,790

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RESERVOIR STORAGE, ACRE FEET
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY OBSERVATION AT 2400 HOURS

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	40,370	40,700	40,750	38,780	39,160	37,960	---	---	37,600	37,890	37,830	37,360
2	40,450	40,680	40,690	38,720	39,090	37,980	---	---	37,590	37,900	37,820	37,310
3	40,440	40,640	40,610	38,640	39,000	38,020	---	---	37,600	37,780	37,770	37,290
4	40,480	40,720	40,540	38,540	38,900	38,050	---	---	37,610	37,740	37,770	37,280
5	40,580	40,700	40,470	38,580	38,830	38,070	---	---	37,620	37,670	37,760	37,260
6	40,580	40,640	40,390	38,560	38,770	38,100	---	---	37,640	37,640	37,770	37,270
7	40,570	40,640	40,320	38,630	38,690	38,130	---	---	37,630	37,590	37,750	37,260
8	40,560	40,580	40,330	38,640	38,780	38,180	---	---	37,670	37,510	37,770	37,220
9	40,510	40,570	40,210	38,680	38,580	38,200	---	38,090	37,700	37,470	37,770	37,240
10	40,510	40,520	40,130	38,730	38,440	38,230	---	38,080	37,640	37,390	37,780	37,240
11	40,470	40,460	40,090	38,730	38,380	38,260	---	38,110	37,640	37,350	37,730	37,260
12	40,400	40,500	40,070	38,770	38,310	38,290	---	38,150	37,670	37,310	37,710	37,260
13	40,390	40,470	40,020	38,740	38,250	38,360	---	38,200	37,670	37,280	37,680	37,270
14	40,350	40,410	39,940	38,730	38,230	38,410	---	38,240	37,680	37,210	37,680	37,240
15	40,340	40,400	39,910	38,810	38,160	38,440	---	38,260	37,700	37,190	37,650	37,260
16	40,320	40,430	39,800	38,810	38,090	38,500	---	38,280	37,720	37,160	37,670	37,270
17	40,310	40,480	39,730	38,870	38,030	38,630	---	38,290	37,720	37,180	37,670	37,290
18	40,300	40,570	39,650	38,900	37,930	38,760	---	38,310	37,730	37,170	37,650	37,310
19	40,290	40,580	39,570	38,980	37,880	38,830	---	38,330	37,750	---	37,620	37,280
20	40,250	40,680	39,520	38,980	37,830	38,870	---	38,340	37,750	37,360	37,590	37,320
21	40,280	40,750	39,420	39,050	37,720	38,910	---	38,310	37,770	37,450	37,570	37,390
22	40,330	40,730	39,350	39,010	37,650	38,960	---	38,200	37,780	37,440	37,570	37,460
23	40,340	40,760	39,280	39,110	37,640	39,020	---	38,140	37,800	37,540	37,550	37,520
24	40,400	40,780	39,220	39,160	37,680	39,060	---	38,010	37,800	37,620	37,570	37,520
25	40,390	40,820	39,140	39,190	37,720	39,120	---	37,900	37,800	37,700	37,530	37,550
26	40,440	40,850	39,100	39,210	37,750	39,160	---	37,810	37,880	37,650	37,500	37,610
27	40,460	40,900	39,070	39,280	37,800	39,250	---	37,710	37,830	37,690	37,480	37,640
28	40,540	40,930	39,020	39,250	37,880	---	---	37,610	37,850	37,700	37,470	37,700
29	40,550	40,930	38,980	39,240	37,940	---	---	37,590	37,880	37,710	37,460	37,720
30	40,630	40,860	38,950	39,230	---	---	---	37,590	37,880	37,750	37,430	37,770
31	40,590	---	38,870	39,210	---	---	---	37,590	---	37,800	37,380	---
Max	40,630	40,930	40,750	39,280	39,160	---	---	---	37,880	---	37,830	37,770
Min	40,250	40,400	38,870	38,540	37,640	---	---	---	37,590	---	37,380	37,220
Elevation, in feet, at end of month	597.03	597.38	594.75	595.21	593.49	---	---	593.01	593.40	593.29	592.71	593.25
Change in contents, in acre-feet	260	270	-1,990	340	-1,270	---	---	---	290	-80	-420	390

Calendar Year 2011	
Max	45,910
Min	36,830

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