

11241950 Redinger Lake near Auberry, CA

San Joaquin River Basin

LOCATION.--Lat 37°08'42", long 119°26'58" referenced to North American Datum of 1927, in NE ¼ SW ¼ sec.15, T.9 S., R.23 E., Madera County, CA, Hydrologic Unit 18040006, in Sierra National Forest, at intake structure on dam No. 7 on San Joaquin River, and 4.2 mi northeast of Auberry.

DRAINAGE AREA.--1,295 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--November 1950 to current year. Prior to October 1965, monthend contents only, published in WSP 1930.

GAGE.--Water-stage recorder. Elevation of gage is 1,406.52 ft above 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. 2017. Contents not rounded to U.S. Geological Survey standards.

REMARKS.--Lake is formed by a concrete dam; storage began Nov. 19, 1950. Usable capacity, 26,120 acre-ft, between elevations 1,320.00 ft, invert of tunnel, and 1,403.00 ft, top of radial gates. Additional storage of 8,914 acre-ft not available for release. Water is used for power development in Big Creek Powerplant No. 4 (station 11246530). Records, excluding extremes, represent contents at 2400 hours. See schematic diagram of lower San Joaquin River Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Prior to Oct. 1, 2004, maximum contents at 2400 hours, 26,586 acre-ft, Aug. 5, 1978, elevation, 1,404.00 ft. Since Oct. 1, 2004, maximum contents, 26,161 acre-ft, Jan 2, 2006, elevation, 1,403.09 ft. Minimum since appreciable storage was attained, 5,985 acre-ft, Nov. 22, 1981, elevation, 1,346.85 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 25,369 acre-ft, Mar. 14, June 3, elevation, 1,401.37 ft; minimum, 9,145 acre-ft, Sept. 30, elevation, 1,358.29 ft.

**Capacity table (elevation, in feet, and contents, in acre-feet)
(Based on table provided by Southern California Edison Co., dated Oct. 27, 1950)**

Elevation	Contents	Elevation	Contents	Elevation	Contents	Elevation	Contents
1,340	4,282	1,360	9,651	1,380	16,455	1,400	24,748
1,350	6,809	1,370	12,858	1,390	20,427	1,405	27,058

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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	9,624	9,949	16,229	18,147	22,654	23,980	24,180	24,681	24,118	24,434	24,703	24,038
2	9,449	10,022	17,966	18,119	23,940	23,940	24,367	24,381	24,367	24,618	24,667	24,349
3	9,286	10,077	19,138	17,895	24,502	24,016	24,475	24,034	25,346	24,533	24,296	24,273
4	9,562	10,148	19,462	17,707	24,555	23,971	24,502	24,488	24,988	24,915	24,470	24,466
5	9,606	10,270	19,887	17,520	24,461	23,927	24,475	24,340	24,730	24,906	23,940	24,096
6	9,556	11,439	20,477	17,357	24,636	24,251	24,555	23,874	24,434	24,663	23,989	24,421
7	9,532	11,752	20,627	17,125	24,555	24,105	24,609	23,980	24,569	24,493	24,327	24,434
8	9,535	9,786	20,748	16,894	24,515	24,367	24,448	23,746	24,502	24,296	24,354	23,715
9	9,523	10,292	20,715	16,699	24,506	24,421	24,542	24,153	24,757	24,131	24,519	23,552
10	9,508	11,063	20,274	16,550	24,511	24,730	24,596	24,327	24,609	24,434	24,560	23,281
11	9,485	11,801	19,961	16,387	24,470	24,838	24,488	24,394	24,802	24,582	24,515	22,797
12	9,437	12,875	19,698	16,214	24,434	25,028	24,528	24,479	24,852	24,381	24,775	22,395
13	9,586	14,172	19,490	16,041	24,354	25,237	24,345	24,225	24,721	24,313	25,096	21,118
14	9,606	14,524	19,198	15,962	24,207	25,191	23,914	24,180	24,748	24,569	24,798	e20,069
15	9,586	14,772	18,920	16,790	24,020	24,969	24,354	24,287	24,238	24,354	24,861	e19,135
16	9,598	14,736	18,691	17,636	24,158	24,820	24,511	24,879	23,940	24,114	24,672	18,627
17	9,600	14,686	18,353	18,476	24,145	24,318	24,448	24,960	24,158	24,448	24,596	19,271
18	9,618	14,707	18,440	19,308	24,167	23,825	24,385	25,046	24,114	24,560	24,528	19,210
19	9,589	14,589	18,400	20,134	24,131	24,082	24,412	24,784	24,100	24,753	24,238	19,089
20	9,526	14,453	18,345	20,953	24,025	24,260	24,649	24,771	24,282	24,960	24,811	18,739
21	9,455	14,310	18,096	21,753	24,127	24,340	24,587	24,623	24,114	25,110	24,569	18,667
22	9,419	14,161	18,013	22,550	24,207	24,390	24,636	24,056	23,768	24,721	24,488	18,587
23	9,410	14,005	17,785	23,342	24,114	24,502	24,528	23,821	24,663	24,421	24,897	17,977
24	9,464	13,846	17,927	23,821	24,202	24,542	24,730	24,020	24,834	24,502	24,506	17,817
25	9,511	13,706	18,242	23,702	24,256	24,627	24,546	23,821	25,159	24,273	24,649	17,695
26	9,562	13,682	18,226	23,535	24,304	24,533	24,969	23,954	25,064	23,698	24,287	16,848
27	9,615	13,822	17,981	23,110	24,336	24,690	25,069	24,109	24,658	24,484	24,034	14,657
28	9,666	13,934	18,297	22,620	24,331	24,663	24,947	24,313	24,735	24,865	24,546	12,597
29	9,726	14,225	18,440	22,215	---	24,408	24,793	24,296	24,667	24,816	24,367	9,804
30	9,804	15,362	18,384	21,920	---	24,721	24,627	24,443	24,515	25,191	24,291	9,145
31	9,877	---	18,052	22,185	---	24,744	---	24,211	---	24,969	24,260	---
Max	9,877	15,362	20,748	23,821	24,636	25,237	25,069	25,046	25,346	25,191	25,096	24,466
Min	9,286	9,786	16,229	15,962	22,654	23,825	23,914	23,746	23,768	23,698	23,940	9,145
Elevation, in feet, at end of month	1,360.75	1,377.07	1,384.13	1,394.16	1,399.07	1,399.99	1,399.73	1,398.80	1,399.48	1,400.49	1,398.91	1,358.29
Change in contents, in acre-feet	+100	+5,485	+2,690	+4,133	+2,146	+413	-177	-416	+304	+454	-709	-15,115

	Calendar Year 2012	Water Year 2013
Change in contents, in acre-feet	-5,137	-632

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