Water-Data Report 2013

11214800 Wishon Reservoir near Cliff Camp, CA

Tulare Lake Basin

LOCATION.--Lat 37°00′19″, long 118°58′07″ referenced to North American Datum of 1927, in NW ¼ NW ¼ sec.6, T.11 S., R.28 E., Fresno County, CA, Hydrologic Unit 18030010, in Sierra National Forest, on right end of dam on North Fork Kings River, 1.2 mi north of Cliff Camp, and 20 mi southeast of Big Creek.

DRAINAGE AREA.--177 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--December 1957 to September 1982 (monthend elevation and contents only), October 1982 to current year.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by Pacific Gas and Electric Co.).

COOPERATION.--Records were provided by Pacific Gas and Electric Co., under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission Project nos. 175 and 1988.

REMARKS.--Reservoir is formed by rock-fill dam completed in 1957. Capacity, 128,600 acre-ft, between elevations 6,317 ft, bottom of slide gates, and 6,550 ft, operating crest of spillway gates. Dead storage negligible. Water is diverted to Haas Powerplant (station 11216050). Records, including extremes, represent contents at 2400 hours. See schematic diagram of Kings River Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 129,700 acre-ft, July 29, 1958, elevation, 6,551.1 ft; no contents in 1960.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 71,600 acre-ft, Oct. 3, elevation, 6,486.97 ft; minimum, 34,700 acre-ft, June 17, elevation, 6,432.10 ft.

Capacity table (elevation, in feet, and contents, in acre-feet)
(Based on table provided by Pacific Gas and Electric Co., dated Apr. 13, 1959)

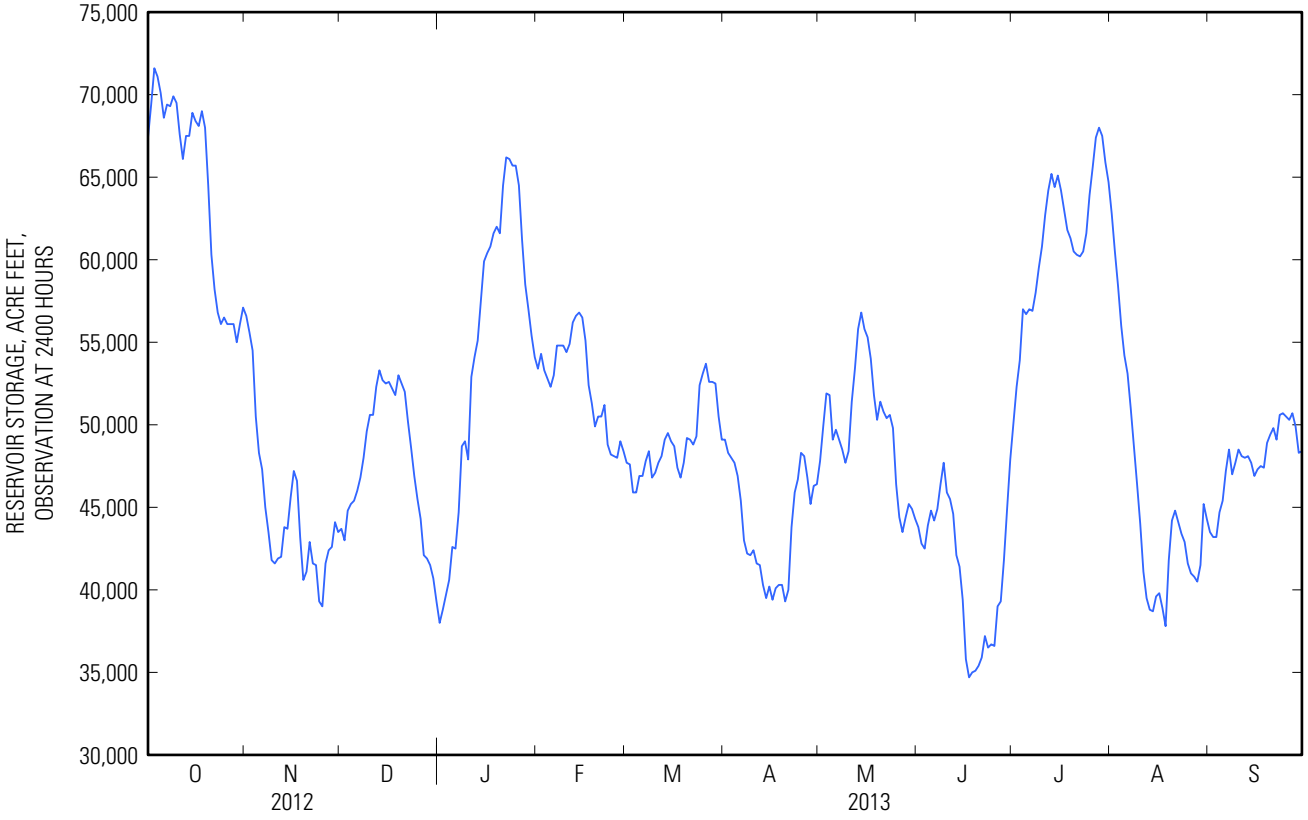
Elevation	Contents	Elevation	Contents	Elevation	Contents	Elevation	Contents
6,317	40	6,385	11,618	6,440	39,471	6,520	99,807
6,360	2,810	6,400	18,359	6,460	51,900	6,550	128,606
6,370	5,738	6,420	28,362	6,490	74,128	6,551.1	129,733

Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2013: U.S. Geological Survey Water-Data Report WDR-US-2013, site 11214800, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/11214800.2013.pdf

11214800 Wishon Reservoir near Cliff Camp, CA—Continued

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

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	67,400	56,600	43,700	38,000	53,400	47,700	49,100	47,800	43,800	50,100	62,800	43,500
2	69,400	55,600	43,000	38,800	54,300	47,600	48,300	49,900	42,800	52,300	60,500	43,200
3	71,600	54,500	44,800	39,700	53,300	45,900	48,000	51,900	42,500	53,900	58,400	43,200
4	71,100	50,500	45,200	40,600	52,800	45,900	47,700	51,800	43,900	57,000	56,000	44,700
5	70,100	48,300	45,400	42,600	52,300	46,900	46,900	49,100	44,800	56,700	54,200	45,400
6	68,600	47,300	46,000	42,500	53,000	46,900	45,400	49,700	44,200	57,000	53,100	47,200
7	69,400	45,000	46,800	44,700	54,800	47,800	43,000	49,100	44,900	56,900	51,000	48,500
8	69,300	43,500	48,000	48,700	54,800	48,400	42,200	48,500	46,400	58,000	48,700	47,000
9	69,900	41,800	49,600	49,000	54,800	46,800	42,100	47,700	47,700	59,500	46,400	47,700
10	69,500	41,600	50,600	47,900	54,400	47,100	42,400	48,400	45,900	60,800	44,000	48,500
11	67,600	41,900	50,600	52,900	54,900	47,700	41,600	51,400	45,500	62,700	41,100	48,100
12	66,100	42,000	52,300	54,100	56,200	48,100	41,500	53,400	44,600	64,200	39,500	48,000
13	67,500	43,800	53,300	55,100	56,600	49,100	40,300	55,800	42,100	65,200	38,800	48,100
14	67,500	43,700	52,700	57,500	56,800	49,500	39,500	56,800	41,400	64,400	38,700	47,700
15	68,900	45,600	52,500	59,900	56,500	49,000	40,200	55,800	39,400	65,100	39,600	46,900
16	68,400	47,200	52,600	60,400	55,100	48,700	39,400	55,300	35,800	64,200	39,800	47,300
17	68,100	46,600	52,200	60,800	52,400	47,400	40,100	54,000	34,700	63,000	38,900	47,500
18	69,000	43,200	51,800	61,600	51,300	46,800	40,300	51,800	35,000	61,800	37,800	47,400
19	68,000	40,600	53,000	62,000	49,900	47,700	40,300	50,300	35,100	61,300	41,800	48,900
20	64,500	41,100	52,500	61,600	50,500	49,200	39,300	51,400	35,400	60,500	44,200	49,400
21	60,300	42,900	52,000	64,500	50,500	49,100	40,000	50,800	35,900	60,300	44,800	49,800
22	58,200	41,600	50,200	66,200	51,200	48,800	43,800	50,400	37,200	60,200	44,100	49,100
23	56,800	41,500	48,600	66,100	48,800	49,300	45,900	50,600	36,500	60,500	43,400	50,600
24	56,100	39,300	46,900	65,700	48,200	52,400	46,700	49,800	36,700	61,600	42,900	50,700
25	56,500	39,000	45,500	65,700	48,100	53,100	48,300	46,400	36,600	63,900	41,600	50,500
26	56,100	41,600	44,300	64,500	48,000	53,700	48,100	44,400	39,000	65,600	41,000	50,300
27	56,100	42,400	42,100	61,200	49,000	52,600	46,800	43,500	39,300	67,400	40,800	50,700
28	56,100	42,600	41,900	58,500	48,400	52,600	45,200	44,400	41,800	68,000	40,500	49,900
29	55,000	44,100	41,500	57,000	---	52,500	46,300	45,200	44,900	67,500	41,500	48,300
30	56,100	43,500	40,700	55,400	---	50,500	46,400	44,900	47,900	65,900	45,200	48,400
31	57,100	---	39,300	54,100	---	49,100	---	44,300	---	64,700	44,300	---
Max	71,600	56,600	53,300	66,200	56,800	53,700	49,100	56,800	47,900	68,000	62,800	50,700
Min	55,000	39,000	39,300	38,000	48,000	45,900	39,300	43,500	34,700	50,100	37,800	43,200
Elevation, in feet, at end of month												
	6,467.68	6,446.96	6,439.95	6,463.51	6,454.85	6,456.09	6,451.90	6,448.62	6,454.17	6,478.39	6,448.40	6,455.09
Change in contents, in acre-feet												
	-9,100	-13,600	-4,200	14,800	-5,700	700	-2,700	-2,100	3,600	16,800	-20,400	4,100

	Calendar Year 2012	Water Year 2013
Max	106,800	71,600
Min	39,000	34,700
Change in contents, in acre-feet	-10,500	-17,800

11214800 Wishon Reservoir near Cliff Camp, CA—Continued