

Water-Data Report 2013

11214900 North Fork Kings River below Wishon Reservoir, CA

Tulare Lake Basin

LOCATION.--Lat 37°00'05", long 118°58'20" referenced to North American Datum of 1927, in SE ¼ NE ¼ sec.1, T.11 S., R.27 E., Fresno County, CA, Hydrologic Unit 18030010, Sierra National Forest, on right bank, 1,700 ft downstream from Wishon Dam, 12 mi northeast of Balch Camp, and 20 mi southeast of Big Creek.

DRAINAGE AREA.--178 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1986 to current year (since October 1990, low-flow records only).

GAGE.--Water-stage recorder, 90° V-notch steel weir and concrete control. Elevation of gage is 6,300 ft above NGVD of 1929, from topographic map.

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.--No records computed above 25 ft³/s. Flow regulated by Wishon Reservoir (station 11214800) and Courtright Reservoir (station 11214550). Water diverted for power from Wishon Reservoir by tunnel to Haas Powerplant (station 11216050). See schematic diagram of Kings River Basin available from the California Water Science Center.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	24	22	18	24	21	21	18	17	---	---	---
2	---	24	---	18	24	21	20	18	17	---	---	---
3	---	24	---	18	24	21	20	19	17	---	---	---
4	---	23	21	18	24	20	20	20	17	---	---	---
5	---	22	21	19	24	21	20	19	17	---	---	---
6	---	22	21	19	24	21	19	19	17	---	---	---
7	---	21	21	20	24	21	18	19	18	---	---	---
8	---	21	21	21	24	21	18	19	19	---	31	---
9	---	21	22	23	24	21	18	18	20	---	---	---
10	---	20	22	22	24	20	17	18	20	---	---	---
11	---	20	22	23	24	20	17	18	20	---	---	---
12	---	20	23	24	24	21	17	19	20	---	---	---
13	---	20	23	24	24	21	17	20	19	---	25	---
14	---	20	23	25	25	21	17	21	19	---	25	---
15	---	21	23	---	24	21	17	21	18	---	25	---
16	---	22	23	---	24	21	17	21	---	---	25	---
17	---	---	23	---	23	21	17	21	---	---	25	---
18	---	21	23	---	22	20	17	20	---	---	25	---
19	---	20	23	---	22	20	17	19	---	---	---	---
20	---	20	23	---	22	21	16	19	22	---	---	---
21	---	20	23	---	22	21	16	19	22	---	---	---
22	26	20	23	---	22	21	17	19	23	---	---	---
23	---	20	22	---	22	21	18	19	23	---	---	---
24	25	19	21	---	21	21	18	19	23	---	---	---
25	24	19	21	---	21	22	19	19	23	---	---	---
26	25	19	20	---	21	22	19	17	23	---	---	---
27	25	20	20	---	21	22	18	17	24	---	---	---
28	24	20	19	---	21	22	18	17	24	---	---	---
29	24	20	19	---	---	22	17	17	---	---	---	---
30	24	---	19	25	---	21	18	17	---	---	---	---
31	24	---	19	25	---	21	---	17	---	---	---	---
Total	---	---	---	---	645	651	538	583	---	---	---	---
Mean	---	---	---	---	23.0	21.0	17.9	18.8	---	---	---	---
Max	---	---	---	---	25	22	21	21	---	---	---	---
Min	---	---	---	---	21	20	16	17	---	---	---	---
Ac-ft	---	---	---	---	1,280	1,290	1,070	1,160	---	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 1990, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	17.7	18.2	16.5	16.5	16.6	17.3	16.7	19.5	20.0	15.3	13.5	13.6
Max	22.9	23.5	22.8	22.0	21.5	22.5	20.3	25.6	28.3	19.5	17.0	17.1
(WY)	(1987)	(1987)	(1987)	(1987)	(1987)	(1987)	(1989)	(1987)	(1987)	(1989)	(1989)	(1989)
Min	14.9	16.2	8.60	8.23	8.52	9.84	8.74	10.2	8.67	9.01	8.40	8.20
(WY)	(1988)	(1988)	(1990)	(1990)	(1990)	(1990)	(1990)	(1990)	(1990)	(1990)	(1990)	(1990)

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SUMMARY STATISTICS

Water Years 1987 - 1990		
Annual mean	16.8	
Highest annual mean	20.9	1987
Lowest annual mean	10.1	1990
Highest daily mean	30	Mar 6, 1987
Lowest daily mean	7.2	Feb 18, 1990
Annual seven-day minimum	7.8	Jan 5, 1990
Maximum peak flow	35	Nov 23, 1988
Maximum peak stage	3.59	Nov 23, 1988
Annual runoff (ac-ft)	12,150	
10 percent exceeds	23	
50 percent exceeds	17	
90 percent exceeds	8.6	

