11208565 MIDDLE FORK KAWEAH RIVER CONDUIT NO. 3 AT POWERPLANT, NEAR HAMMOND, CA

Tulare Lake Basin

LOCATION.--Lat 36°29′10″, long 118°50′08″ referenced to North American Datum of 1983, in NW ¼ NW ¼ sec.37, T.17 S., R.29 E., Tulare County, Hydrologic Unit 18030007, in powerplant penstock, on right bank, 0.5 mi upstream of confluence with East Fork Kaweah River, 2.0 mi northeast of Hammond, and 5.3 mi northeast of Three Rivers.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 2002 to current year.

GAGE.--Acoustic-velocity meter. Elevation of gage is 1,400 ft above NGVD of 1929, from topographic map.

REMARKS.--Flow from Marble Fork Kaweah River Conduit No. 3 (station 11207500) joins that of Middle Fork Kaweah River Conduit No. 3 (station 11206000) upstream of this station. The combined flow is measured by the acoustic-velocity meter as it enters Kaweah River Powerplant No. 3. Combined flow of the two conduits, when formerly measured near the points of diversion, may not be equivalent to that measured at the powerplant due to possible gains or losses along the conduit. See schematic diagram of Kaweah River Basin.

COOPERATION.--Records were provided by Southern California Edison Co., under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project no. 398.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 92 ft^3/s, Apr. 12, 13, and July 21, 22, 2005; no flow many days in water years 2004, 2005.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	68	23	70	86	89	90	89	91	90	88	29
2	0.00	71	38	78	86	89	90	89	91	90	87	33
3	0.00	75	36	77	87	89	90	89	90	89	84	31
4	0.00	71	36	75	86	90	89	89	89	89	80	30
5	0.00	60	33	69	86	89	88	89	91	89	77	30
6	0.00	55	31	64	86	89	85	87	89	91	76	29
7	0.00	54	48	69	87	89	91	90	88	90	68	28
8	0.00	76	50	44	88	90	90	90	90	90	80	27
9	0.00	77	52	0.06	88	91	90	78	89	82	78	27
10	0.00	74	55	16	89	90	90	88	90	89	76	29
11	0.00	69	63	56	89	89	91	84	91	90	73	28
12	0.00	65	70	68	90	90	92	89	91	90	71	28
13	0.00	61	73	80	88	90	92	89	91	89	68	28
14	0.00	57	68	79	85	90	91	89	90	89	64	27
15	0.00	55	65	82	87	90	90	89	90	89	67	25
16	0.00	55	62	88	90	90	89	89	90	89	73	24
17	0.01	51	58	88	87	89	90	86	90	90	72	24
18	15	48	55	88	89	88	89	85	87	90	67	23
19	29	23	54	88	89	90	88	85	90	90	65	22
20	60	43	55	87	89	91	88	88	90	90	61	21
21	60	41	54	86	88	89	89	88	91	92	56	27
22	55	40	50	87	88	90	87	88	90	92	50	25
23	59	40	46	88	88	91	90	89	89	90	44	24
24	57	39	45	87	88	89	90	89	89	90	40	24
25	60	39	43	87	88	89	90	90	88	91	36	23
26	62	40	44	88	89	90	91	91	89	91	33	24
27	74	42	45	86	89	90	91	90	89	91	32	41
28	68	48	21	86	90	91	89	89	90	90	30	34
29	60	40	29	86	---	90	88	89	90	90	28	33
30	68	44	57	86	---	90	89	89	90	88	27	30
31	70	---	71	86	---	91	---	91	---	88	25	---
Total	797.01	1,621	1,530	2,319.06	2,460	2,782	2,687	2,734	2,693	2,778	1,876	828
Mean	25.7	54.0	49.4	74.8	87.9	89.7	89.6	88.2	89.8	89.6	60.5	27.6
Max	74	77	73	88	90	91	92	91	91	92	88	41
Min	0.00	23	21	0.06	85	88	85	78	87	82	25	21
Ac-ft	1,580	3,220	3,030	4,600	4,880	5,520	5,330	5,420	5,340	5,510	3,720	1,640

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	11.6	38.6	58.2	64.4	81.8	88.6	88.4	88.3	87.1	66.5	35.3	13.7
Max	25.7	54.0	71.9	85.6	87.9	89.7	89.6	88.9	89.8	89.6	60.5	27.6
(WY)	(2005)	(2005)	(2003)	(2003)	(2005)	(2005)	(2005)	(2003)	(2005)	(2005)	(2005)	(2005)
Min	2.89	19.3	49.4	32.7	72.3	87.0	87.8	87.7	82.0	33.5	1.49	0.00
(WY)	(2003)	(2004)	(2005)	(2004)	(2004)	(2003)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)

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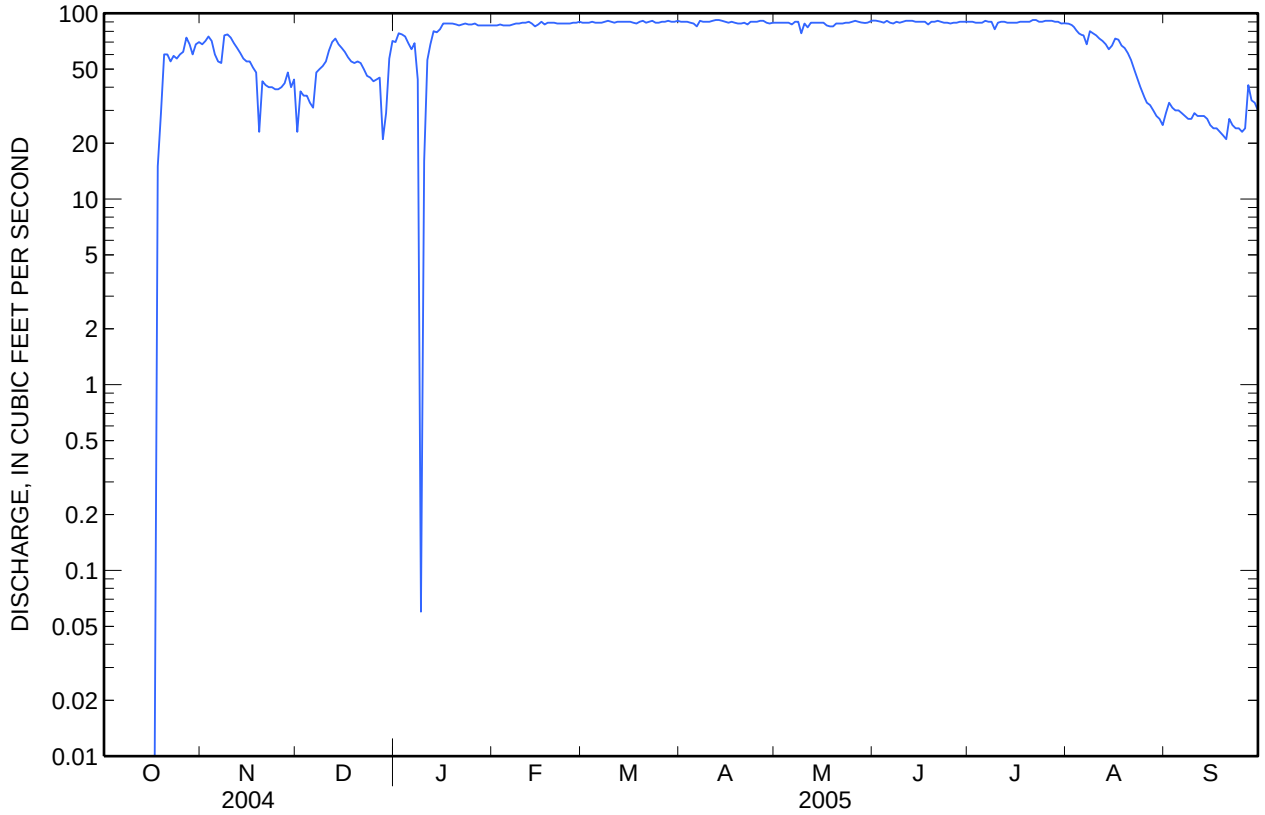
SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 2003 - 2005	
Annual total	18,721.62		25,105.07			
Annual mean	51.2		68.8		60.1	
Highest annual mean					68.8	2005
Lowest annual mean					47.0	2004
Highest daily mean	91	Mar 8	92	Apr 12	92	Apr 12, 2005
Lowest daily mean	0.00	Jan 13	0.00	Oct 1	0.00	Oct 12, 2003
Annual seven-day minimum	0.00	Jan 20	0.00	Oct 1	0.00	Jan 20, 2004
Annual runoff (ac-ft)	37,130		49,800		43,530	
10 percent exceeds	89		90		90	
50 percent exceeds	62		86		77	
90 percent exceeds	0.00		27		2.8