11208600 KAWEAH RIVER BELOW CONDUIT NO. 2, NEAR HAMMOND, CA

Tulare Lake Basin

LOCATION.--Lat 36°29′04″, long 118°50′06″ referenced to North American Datum of 1927, in NW ¼ NW ¼ sec.37, T.17 S., R.29 E., Tulare County, Hydrologic Unit 18030007, on right bank, 200 ft downstream from diversion dam, 0.4 mi upstream of confluence with East Fork Kaweah River, 1.9 mi northeast of Hammond, and 5.2 miles northeast of Three Rivers.

DRAINAGE AREA.--342 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1993 to current year. Prior to October 2002, published as river only, and river and conduit combined.

GAGE.--Water-stage recorder. Elevation of gage is 1,360 ft above NGVD of 1929, from topographic map.

REMARKS.--Kaweah River Conduit No. 2 diverts up to 130 ft^3/s from right bank of river near diversion dam. Water is returned to Kaweah River 3.8 mi downstream of diversion and 1.9 mi upstream of confluence with North Fork Kaweah River. The record of combined discharges of river and conduit was discontinued September 2002 when the conduit gage location was moved from near the point of diversion (station 11208570) to near the powerplant (station 11208818). The conduit-flow records from those two locations may not be equivalent due to gain 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 discharge, 29,000 ft^3/s, Jan. 2, 1997, gage height unknown; minimum daily, 5.5 ft^3/s, several days in December 1994.

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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	9.1	12	10	68	106	98	276	431	1,520	956	86	15
2	9.1	14	7.4	64	100	90	317	438	1,520	960	72	13
3	9.1	17	7.4	42	97	89	334	545	1,400	855	58	13
4	9.0	14	7.4	31	97	95	330	632	1,320	783	46	13
5	8.8	8.4	7.4	21	97	90	288	817	1,300	751	37	13
6	8.8	7.5	7.4	17	102	94	357	698	1,140	737	40	13
7	8.8	7.4	11	26	92	105	448	572	978	699	50	13
8	8.8	20	7.5	265	80	127	383	523	921	657	83	13
9	8.8	21	7.4	897	74	167	346	863	792	594	45	13
10	9.0	21	7.4	559	76	213	296	662	853	541	34	13
11	9.1	20	9.1	689	78	242	301	546	1,000	555	29	13
12	9.0	15	18	283	104	293	348	533	1,060	529	26	13
13	9.0	11	15	182	110	323	378	649	1,240	473	24	13
14	8.8	8.1	11	141	94	296	365	845	1,360	415	22	13
15	8.8	7.6	9.3	116	97	250	420	1,110	1,340	373	23	13
16	8.8	7.6	8.1	108	105	209	496	1,690	1,230	345	40	13
17	22	7.6	7.4	108	107	188	579	1,360	1,090	353	28	13
18	47	7.6	7.4	109	120	169	594	1,260	959	324	22	13
19	36	9.1	7.4	119	116	230	516	1,440	883	307	20	13
20	233	7.4	7.4	141	146	313	411	1,530	930	256	20	13
21	67	7.2	7.3	150	130	255	388	1,540	1,050	293	20	13
22	24	7.1	7.1	154	125	639	436	1,650	1,100	355	20	13
23	24	7.1	7.1	158	108	776	383	1,700	1,050	256	20	13
24	20	7.1	7.1	156	106	463	391	1,690	972	211	20	13
25	19	7.1	7.1	151	98	354	347	1,730	873	188	20	13
26	25	7.1	7.1	183	92	306	362	1,770	808	160	20	13
27	44	17	7.1	176	87	307	436	1,780	824	148	20	13
28	17	23	25	158	106	374	440	1,740	858	133	20	13
29	10	6.9	50	143	---	301	377	1,620	889	126	20	13
30	13	8.1	38	121	---	267	384	1,420	928	115	20	13
31	14	---	138	113	---	251	---	1,480	---	97	20	---
Total	757.8	341.0	481.3	5,649	2,850	7,974	11,727	35,264	32,188	13,545	1,025	392
Mean	24.4	11.4	15.5	182	102	257	391	1,138	1,073	437	33.1	13.1
Max	233	23	138	897	146	776	594	1,780	1,520	960	86	15
Min	8.8	6.9	7.1	17	74	89	276	431	792	97	20	13
Ac-ft	1,500	676	955	11,200	5,650	15,820	23,260	69,950	63,840	26,870	2,030	778

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	23.2	60.3	52.0	172	154	255	414	790	673	306	61.6	21.6
Max	62.2	335	271	1,250	439	521	633	1,138	2,009	1,571	254	90.1
(WY)	(1999)	(2003)	(1997)	(1997)	(1996)	(1995)	(1996)	(2005)	(1998)	(1998)	(1998)	(1998)
Min	11.8	5.70	5.93	20.1	32.1	81.1	230	382	150	11.7	11.2	8.05
(WY)	(1996)	(1995)	(1995)	(1994)	(2001)	(1999)	(1999)	(2004)	(2001)	(1994)	(1994)	(1994)

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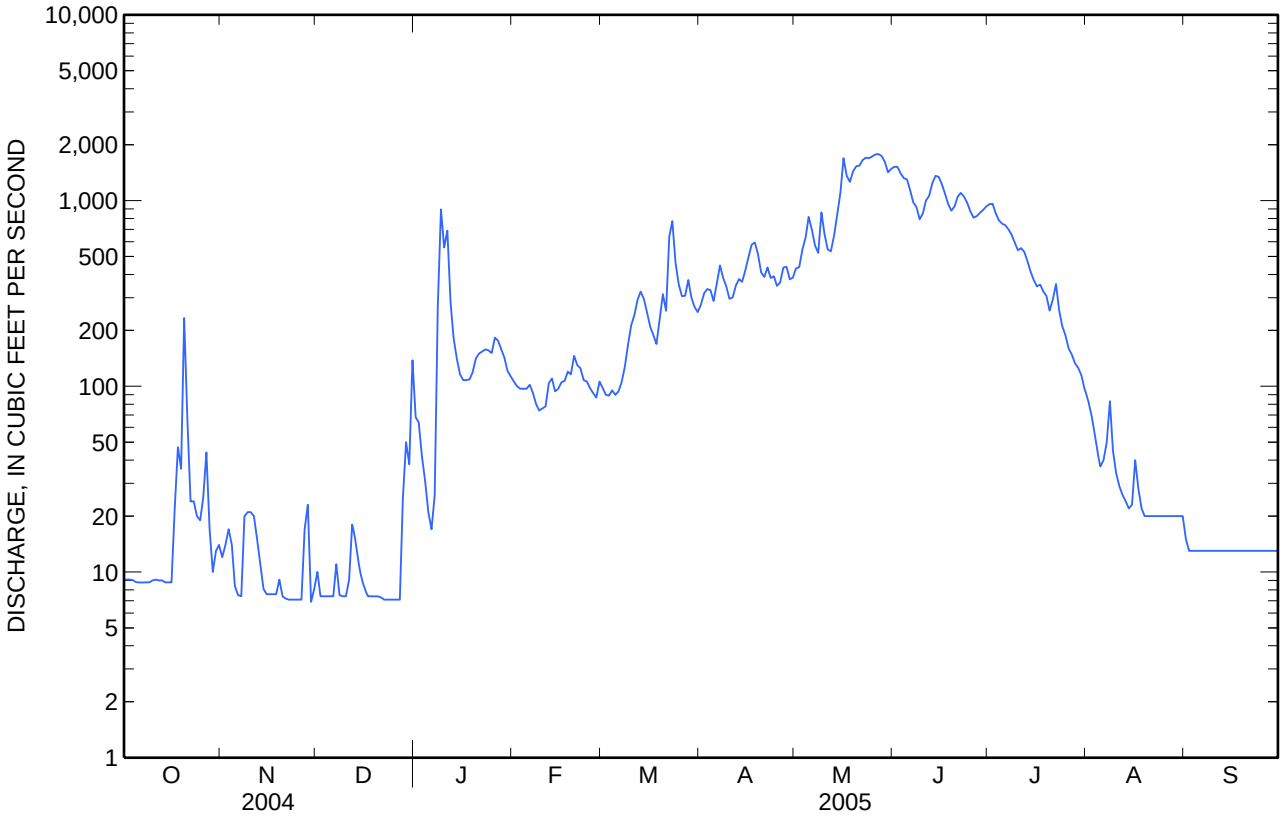
SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1994 - 2005	
Annual total	40,624.4		112,194.1			
Annual mean	111		307		249	
Highest annual mean					512	1998
Lowest annual mean					99.2	1994
Highest daily mean	712	May 4	1,780	May 27	9,800	Jan 2, 1997
Lowest daily mean	6.9	Nov 29	6.9	Nov 29	5.5	Dec 21, 1994
Annual seven-day minimum	7.1	Dec 21	7.1	Dec 21	5.6	Dec 17, 1994
Maximum peak flow			2,440	May 16	29,000	Jan 2, 1997
Maximum peak stage			7.29	May 16	unknown	Jan 2, 1997
Annual runoff (ac-ft)	80,580		222,500		180,300	
10 percent exceeds	365		959		735	
50 percent exceeds	23		105		65	
90 percent exceeds	7.6		8.3		12