11201450 Pacific Gas and Electric Company Tule River Conduit below Diversion Dam, near Springville, CA

Tulare Lake Basin

LOCATION.--Lat 36°11′32″, long 118°39′24″ referenced to North American Datum of 1927, in SW ¼ SE ¼ sec.7, T.20 S., R.31 E., Tulare County, CA, Hydrologic Unit 18030006, on left bank, 75 ft downstream from diversion dam, 0.25 mi upstream from Hossack Creek, 4.01 mi upstream from mouth, 4.5 mi northwest of Camp Nelson, and 11 mi east of Springville.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1994 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,040 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 no. 1333.

REMARKS.--Water is returned to river 3.6 mi downstream after passing through Tule River Powerplant (station 11201700). See schematic diagram of Tule River Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 67 ft^3/s, May 20-22, 2005, and several days in April and May, 2006; minimum daily, 0.10 ft^3/s, Oct. 10, 1999.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.4	6.0	6.6	8.6	7.2	12	26	38	12	3.4	0.99	1.0
2	6.7	6.0	6.6	8.3	7.0	12	28	37	11	3.3	0.99	1.0
3	5.2	6.1	6.5	8.3	6.9	13	29	34	10	3.3	0.98	0.98
4	4.9	6.2	6.4	8.8	6.8	15	31	31	9.6	3.0	0.96	0.97
5	5.2	6.2	6.3	11	7.3	16	32	28	9.0	2.7	0.95	1.0
6	5.7	6.0	6.2	11	8.1	17	33	25	9.3	2.5	0.97	0.99
7	5.8	5.9	6.2	11	8.0	18	33	24	9.0	2.5	0.99	0.98
8	5.4	6.1	6.1	10	7.8	21	34	25	8.4	2.5	1.0	0.97
9	5.2	6.2	6.1	10	7.8	24	33	27	7.9	2.1	0.99	1.0
10	5.1	6.2	9.4	9.7	9.7	23	31	29	7.5	2.0	0.96	1.0
11	4.9	6.2	8.2	9.2	17	25	29	30	7.2	1.9	0.97	0.93
12	4.9	6.5	8.5	7.8	15	28	26	30	7.0	1.9	0.94	0.72
13	5.6	6.3	8.6	7.5	12	29	24	29	6.7	1.8	0.95	0.76
14	6.5	8.9	8.8	8.1	11	30	23	27	6.3	1.6	0.95	0.80
15	6.3	8.3	8.3	7.8	11	31	25	26	5.9	1.6	0.95	0.80
16	6.1	7.5	8.2	7.7	12	31	24	25	5.9	1.5	0.95	0.75
17	6.1	6.9	8.3	7.5	12	31	23	25	5.8	1.6	0.96	0.81
18	7.0	6.6	7.4	7.3	12	30	22	23	5.6	1.6	0.94	0.82
19	6.2	6.5	7.1	7.3	16	29	20	22	5.2	1.6	0.95	0.41
20	5.7	6.4	7.3	7.2	13	29	20	20	5.0	1.5	0.95	0.26
21	5.5	6.3	7.6	7.1	12	30	19	20	4.9	1.3	0.96	0.26
22	5.3	6.3	9.3	7.0	12	25	25	19	4.8	1.2	0.97	1.5
23	5.2	6.3	8.5	7.0	13	23	24	17	4.7	1.2	0.97	1.5
24	5.1	6.4	8.6	7.1	12	23	29	16	4.5	1.3	0.95	0.81
25	4.9	6.4	8.5	7.1	13	23	33	15	4.2	1.3	0.95	0.61
26	5.1	6.5	8.4	7.0	12	24	32	15	4.0	1.2	0.95	0.55
27	5.5	6.8	9.7	7.0	14	30	32	14	4.1	1.1	0.95	0.89
28	5.9	7.0	9.4	7.8	13	25	36	13	3.9	1.1	1.0	1.4
29	5.8	6.7	9.2	7.2	---	26	40	13	3.6	1.1	0.97	1.7
30	5.9	6.7	9.2	7.2	---	26	40	13	3.4	1.2	0.98	1.6
31	6.1	---	9.0	7.2	---	25	---	12	---	1.1	1.1	---
Total	173.2	196.4	244.5	252.8	308.6	744	856	722	196.4	57.0	30.04	27.77
Mean	5.59	6.55	7.89	8.15	11.0	24.0	28.5	23.3	6.55	1.84	0.97	0.93
Max	7.0	8.9	9.7	11	17	31	40	38	12	3.4	1.1	1.7
Min	4.4	5.9	6.1	7.0	6.8	12	19	12	3.4	1.1	0.94	0.26
Ac-ft	344	390	485	501	612	1,480	1,700	1,430	390	113	60	55

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2007, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	5.02	8.74	14.1	23.9	30.2	43.2	52.5	55.6	38.6	20.8	9.08	6.00
Max	13.5	20.0	50.0	55.0	58.5	59.8	61.6	64.5	66.0	59.3	31.7	19.2
(WY)	(1999)	(1997)	(1997)	(1997)	(1997)	(1997)	(2005)	(2006)	(2005)	(1995)	(1998)	(1998)
Min	1.68	4.05	4.93	6.48	10.8	22.7	28.5	23.3	6.55	1.84	0.97	0.93
(WY)	(2000)	(1995)	(2000)	(2001)	(2001)	(1999)	(2007)	(2007)	(2007)	(2007)	(2007)	(2007)

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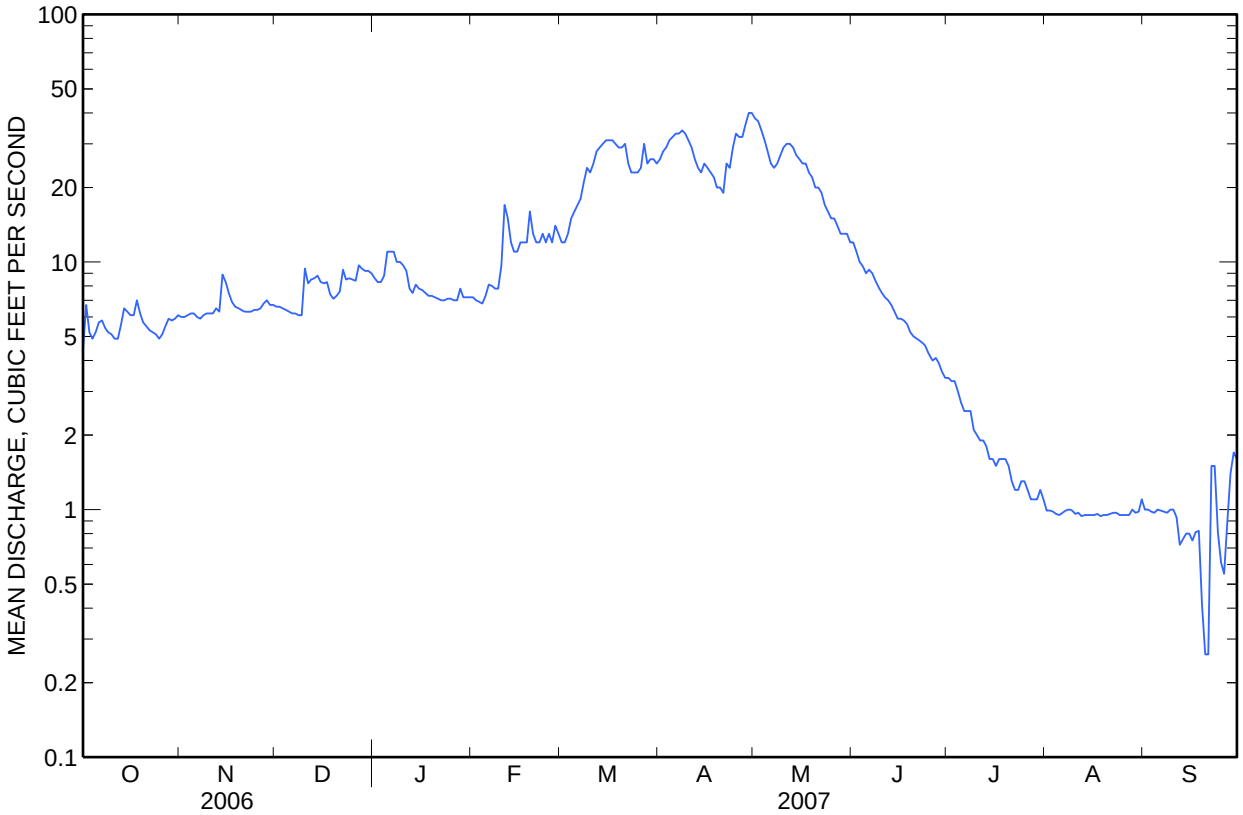
SUMMARY STATISTICS

	Calendar Year 2006		Water Year 2007		Water Years 1995 - 2007	
Annual total	10,769.5		3,808.71			
Annual mean	29.5		10.4		25.6	
Highest annual mean					37.8	1997
Lowest annual mean					10.4	2007
Highest daily mean	67	Apr 21	40	Apr 29	67	May 20, 2005
Lowest daily mean	3.1	Sep 19	0.26	Sep 20	0.10	Oct 10, 1999
Annual seven-day minimum	3.9	Sep 19	0.59	Sep 15	0.21	Oct 4, 1995
Annual runoff (ac-ft)	21,360		7,550		18,540	
10 percent exceeds	66		28		61	
50 percent exceeds	23		7.0		17	
90 percent exceeds	5.1		0.97		2.7