11202001 North Fork of Middle Fork Tule River and Pacific Gas and Electric Company Tule River Powerplant, near Springville, CA

Tulare Lake Basin

LOCATION.--Lat 36°10′29″, long 118°41′41″ referenced to North American Datum of 1927, Tulare County, CA, Hydrologic Unit 18030006, combined discharge of North Fork of Middle Fork Tule River (station 11202000) and Tule River Powerplant (station 11201700).

SURFACE-WATER RECORDS

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.--See schematic diagram of Tule River Basin available from the California Water Science Center.

11202001 North Fork of Middle Fork Tule River and PGE Tule River Powerplant, near Springville, CA—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9.5	7.5	7.9	17	24	83	73	112	85	32	18	12
2	9.5	7.6	8.0	17	24	80	72	108	80	30	18	12
3	9.3	7.6	8.0	17	60	67	72	107	83	30	18	12
4	9.0	7.5	8.0	95	35	65	72	106	84	29	17	12
5	8.1	7.3	8.0	235	32	64	72	99	79	29	18	12
6	8.1	7.3	8.0	77	31	64	72	96	78	29	16	12
7	8.0	7.3	58	38	30	63	72	109	81	25	16	12
8	7.8	7.3	13	31	31	60	72	110	76	24	16	12
9	7.7	7.1	9.2	29	32	61	72	112	74	24	15	12
10	7.6	7.1	8.1	28	35	59	72	112	72	23	15	12
11	7.6	7.9	6.4	28	38	64	62	119	77	23	15	13
12	7.6	8.2	6.4	28	42	65	73	122	68	23	13	12
13	7.8	7.7	6.6	28	48	66	88	108	67	23	12	12
14	7.9	7.7	6.4	28	52	79	108	108	67	23	12	12
15	7.7	7.7	5.9	27	37	78	112	119	67	24	11	10
16	7.5	7.7	13	27	35	60	96	143	59	24	11	11
17	6.7	7.7	13	26	35	54	95	161	58	24	11	9.9
18	6.4	7.7	35	24	37	51	98	182	58	22	12	9.9
19	7.3	7.7	22	27	37	53	95	188	52	22	13	9.9
20	7.4	7.8	17	27	40	61	90	179	47	22	13	9.9
21	7.4	7.8	16	27	38	61	84	161	45	20	13	9.9
22	7.3	7.8	16	22	91	59	81	126	43	20	13	9.9
23	7.2	7.8	15	22	67	64	83	108	42	20	13	9.9
24	7.2	7.8	15	22	157	70	79	95	40	19	13	9.7
25	7.2	7.8	15	22	110	76	81	91	40	19	12	9.5
26	7.2	7.9	17	22	80	82	89	89	40	19	12	9.5
27	7.2	7.9	16	22	72	79	105	84	37	19	12	9.5
28	7.2	7.9	15	28	71	75	125	80	36	18	12	9.5
29	7.3	7.9	16	24	73	78	134	81	36	18	12	9.9
30	7.5	7.9	16	23	---	79	129	81	33	18	12	9.7
31	7.5	---	16	22	---	76	---	83	---	18	12	---
Total	238.7	229.9	440.9	1,110	1,494	2,096	2,628	3,579	1,804	713	426	326.6
Mean	7.70	7.66	14.2	35.8	51.5	67.6	87.6	115	60.1	23.0	13.7	10.9
Max	9.5	8.2	58	235	157	83	134	188	85	32	18	13
Min	6.4	7.1	5.9	17	24	51	62	80	33	18	11	9.5
Ac-ft	473	456	875	2,200	2,960	4,160	5,210	7,100	3,580	1,410	845	648

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2008, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	17.2	28.5	46.5	53.5	58.7	74.2	103	140	91.8	39.3	21.3	17.4
Max	44.3	375	794	417	241	381	296	445	384	202	72.3	42.6
(WY)	(1983)	(1951)	(1967)	(1997)	(1980)	(1943)	(1969)	(1969)	(1983)	(1998)	(1983)	(1983)
Min	7.70	7.66	11.9	13.3	12.5	16.7	21.8	25.1	16.4	10.1	8.96	8.36
(WY)	(2008)	(2008)	(1991)	(1961)	(1991)	(1977)	(1977)	(1977)	(1992)	(1961)	(2007)	(2004)

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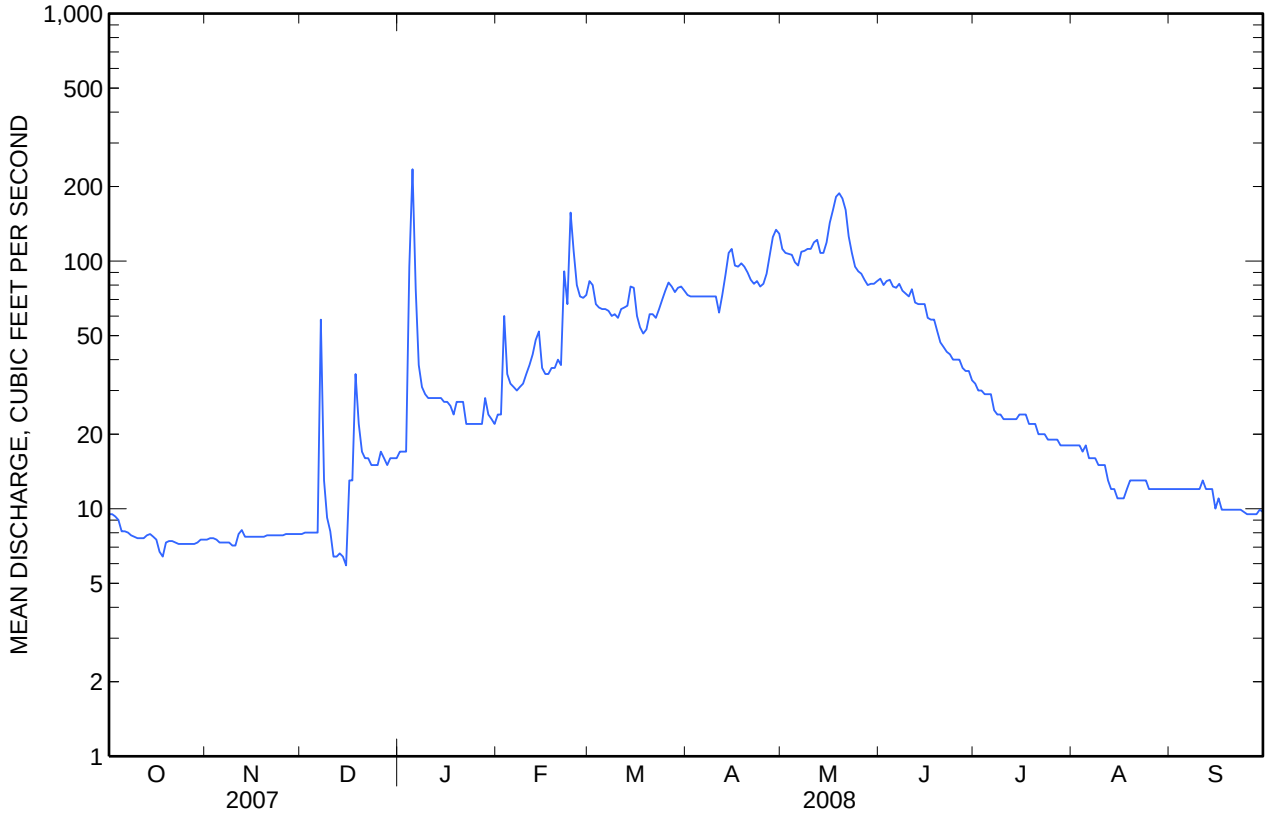
SUMMARY STATISTICS

	Calendar Year 2007		Water Year 2008		Water Years 1940 - 2008	
Annual total	7,551.3		15,086.1			
Annual mean	20.7		41.2		57.6	
Highest annual mean					157	1983
Lowest annual mean					15.1	1977
Highest daily mean	58	Feb 11	235	Jan 5	13,300	Dec 6, 1966
Lowest daily mean	5.9	Dec 15	5.9	Dec 15	4.9	Dec 24, 1999
Annual seven-day minimum	7.0	Dec 9	7.0	Dec 9	5.2	Oct 1, 1987
Maximum peak flow			776	Jan 5	16,900	Dec 6, 1966
Annual runoff (ac-ft)	14,980		29,920		41,740	
10 percent exceeds	44		95		131	
50 percent exceeds	16		24		28	
90 percent exceeds	7.7		7.7		13