



Water-Data Report 2007

11118501 Ventura River and Ventura City Diversion near Ventura, CA

Ventura River Basin

LOCATION.--Lat 34°21'08", long 119°18'27" referenced to North American Datum of 1927, Ventura County, CA, Hydrologic Unit 18070101, combined discharge of Ventura River and Ventura City Diversion (station 11118400).

SURFACE-WATER RECORDS

**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	19	14	12	10	14	13	11	11	9.8	8.3	6.7	5.6
2	18	14	12	10	14	13	11	11	9.8	7.9	5.9	5.4
3	17	14	12	10	14	13	12	11	10	7.8	5.9	5.4
4	17	14	12	11	13	13	12	11	10	7.8	6.1	5.1
5	17	14	12	11	13	12	12	11	9.9	7.8	6.1	5.1
6	17	14	12	11	13	12	12	11	9.7	7.9	5.8	5.2
7	17	14	12	11	13	12	12	11	9.6	8.0	5.9	5.2
8	17	14	12	10	13	11	11	11	9.7	7.7	5.8	5.2
9	17	14	13	10	13	11	11	11	9.8	7.9	5.8	5.3
10	17	13	15	11	13	11	11	11	10	7.3	5.8	5.2
11	17	13	14	11	13	11	11	11	10	7.6	5.6	5.2
12	17	13	14	11	12	10	10	11	10	7.0	5.5	5.3
13	17	13	13	11	12	9.7	10	11	10	7.0	5.5	5.3
14	17	13	13	11	12	9.6	10	11	9.7	6.5	5.4	5.3
15	17	13	13	11	12	9.7	10	11	9.7	6.9	5.4	5.1
16	17	13	14	11	12	9.6	9.9	11	9.7	7.3	5.4	5.2
17	16	13	14	11	11	9.8	9.8	11	9.7	7.1	5.4	5.2
18	16	13	14	10	10	9.9	9.9	11	9.7	6.7	5.3	5.2
19	16	13	13	10	13	10	10	11	9.4	6.7	5.3	5.2
20	16	12	13	10	12	10	11	11	9.2	7.0	5.3	5.1
21	16	12	13	9.6	11	11	11	11	9.2	7.0	5.4	6.0
22	15	13	14	9.4	13	11	11	10	9.2	7.0	5.4	5.8
23	15	12	14	9.5	14	11	11	10	8.7	7.0	5.5	5.6
24	15	12	14	9.7	13	11	11	10	8.7	7.1	5.5	5.1
25	15	11	14	9.8	13	11	11	10	8.8	7.5	5.4	4.1
26	15	11	12	9.9	12	11	11	10	8.7	7.3	5.6	4.4
27	15	12	10	11	13	11	11	10	8.6	7.1	5.4	4.6
28	15	12	10	37	13	11	11	10	8.6	7.1	5.3	4.7
29	15	12	10	19	---	11	11	10	8.4	7.0	5.4	4.4
30	15	12	10	16	---	11	11	10	8.3	7.1	5.5	4.4
31	14	---	10	15	---	11	---	9.9	---	7.0	5.6	---
Total	504	387	390	367.9	354	341.3	326.6	330.9	282.6	226.4	173.9	153.9
Mean	16.3	12.9	12.6	11.9	12.6	11.0	10.9	10.7	9.42	7.30	5.61	5.13
Max	19	14	15	37	14	13	12	11	10	8.3	6.7	6.0
Min	14	11	10	9.4	10	9.6	9.8	9.9	8.3	6.5	5.3	4.1
Ac-ft	1,000	768	774	730	702	677	648	656	561	449	345	305

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STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1933 - 1957, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	8.12	9.68	33.2	138	191	266	91.0	35.4	20.8	13.2	9.67	8.33
Max	27.8	45.3	115	1,106	1,061	1,953	877	232	110	65.0	43.2	28.7
(WY)	(1942)	(1947)	(1937)	(1952)	(1941)	(1938)	(1941)	(1941)	(1941)	(1941)	(1941)	(1941)
Min	.39	.29	.14	2.16	1.72	2.71	2.54	1.34	1.64	.92	.37	.23
(WY)	(1936)	(1937)	(1933)	(1949)	(1949)	(1951)	(1951)	(1933)	(1936)	(1936)	(1935)	(1935)

SUMMARY STATISTICS

Water Years 1933 - 1957	
Annual mean	72.9
Highest annual mean	359 1941
Lowest annual mean	2.31 1951
Highest daily mean	17,900 Mar 2, 1938
Lowest daily mean	.00 Apr 27, 1934
Annual seven-day minimum	.00 Oct 1, 1934
Maximum peak flow	63,600 Feb 10, 1978
Maximum peak stage	29.30 Feb 25, 1969
Annual runoff (ac-ft)	52,800
10 percent exceeds	84
50 percent exceeds	11
90 percent exceeds	2.2

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 2007, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	8.92	18.0	31.1	167	314	209	86.1	43.8	24.5	16.4	11.8	10.0
Max	50.3	282	240	1,883	2,919	1,804	766	409	160	65.8	33.0	29.0
(WY)	(1984)	(1966)	(1966)	(1969)	(1998)	(1983)	(1983)	(1998)	(1998)	(1998)	(1998)	(1998)
Min	0.00	0.00	0.11	0.51	2.04	3.17	3.19	2.89	2.07	1.48	0.63	0.00
(WY)	(1995)	(1995)	(1995)	(2000)	(1961)	(1961)	(1961)	(1961)	(1961)	(1961)	(1994)	(1994)

SUMMARY STATISTICS

	Calendar Year 2006	Water Year 2007	Water Years 1960 - 2007
Annual total	26,999	3,838.5	
Annual mean	74.0	10.5	77.1
Highest annual mean			384 1995
Lowest annual mean			2.22 1961
Highest daily mean	5,930 Apr 4	37 Jan 28	22,000 Feb 9, 1978
Lowest daily mean	10 Dec 27	4.1 Sep 25	0.00 Nov 28, 1977
Annual seven-day minimum	11 Dec 25	4.5 Sep 24	0.00 Sep 7, 1994
Annual runoff (ac-ft)	53,550	7,610	55,830
10 percent exceeds	72	14	62
50 percent exceeds	24	11	12
90 percent exceeds	13	5.4	3.2

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