

Water-Data Report 2007

11162570 San Gregorio Creek at San Gregorio, CA

San Gregorio Creek Basin

LOCATION.--Lat 37°19'33", long 122°23'08" referenced to North American Datum of 1927, San Mateo County, CA, Hydrologic Unit 18050006, in San Gregorio Grant, on right bank, at downstream side of bridge on Stage Road (Old Coast Highway), 0.1 mi south of town of San Gregorio, and 1.4 mi upstream from mouth.

DRAINAGE AREA.--50.9 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1969 to September 1994, May 2001 to September 2005, July 2007 to September 2007.

SEDIMENT DATA: Water years 1986, 1990-1993.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 11.40 ft above NGVD of 1929.

REMARKS.--Records poor. No regulation or known diversion upstream from station. Low flow affected by domestic use.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 7,910 ft³/s, Jan. 4, 1982, gage height, 21.28 ft, from rating curve extended above 560 ft³/s, on basis of contracted-opening measurement of peak flow; no flow for many days in some years.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Dec. 22, 1955, reached a stage of 15.6 ft, from floodmarks, discharge, 3,620 ft³/s, based on contracted-opening measurement of peak flow.

EXTREMES FOR CURRENT YEAR.--No peaks occurred for this partial year as it consists of low-flow record only.

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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	---	---	---	---	---	---	---	---	---	2.2	1.1	0.25
2	---	---	---	---	---	---	---	---	---	1.6	1.1	0.09
3	---	---	---	---	---	---	---	---	---	1.3	0.67	0.12
4	---	---	---	---	---	---	---	---	---	1.6	0.50	0.41
5	---	---	---	---	---	---	---	---	---	1.1	0.44	0.26
6	---	---	---	---	---	---	---	---	---	1.4	0.63	0.24
7	---	---	---	---	---	---	---	---	---	1.4	0.96	0.26
8	---	---	---	---	---	---	---	---	---	1.9	0.78	0.22
9	---	---	---	---	---	---	---	---	---	2.0	0.82	0.26
10	---	---	---	---	---	---	---	---	---	1.6	0.63	0.39
11	---	---	---	---	---	---	---	---	---	1.6	0.60	0.34
12	---	---	---	---	---	---	---	---	---	1.9	0.54	0.32
13	---	---	---	---	---	---	---	---	---	1.4	0.25	0.56
14	---	---	---	---	---	---	---	---	---	1.2	0.52	0.47
15	---	---	---	---	---	---	---	---	---	1.6	0.35	0.60
16	---	---	---	---	---	---	---	---	---	0.95	0.40	0.49
17	---	---	---	---	---	---	---	---	---	0.49	0.26	0.80
18	---	---	---	---	---	---	---	---	---	1.3	0.34	0.78
19	---	---	---	---	---	---	---	---	---	1.2	0.38	0.71
20	---	---	---	---	---	---	---	---	---	1.7	0.25	0.65
21	---	---	---	---	---	---	---	---	---	1.7	0.49	0.53
22	---	---	---	---	---	---	---	---	---	1.1	0.32	0.93
23	---	---	---	---	---	---	---	---	---	1.4	0.59	1.5
24	---	---	---	---	---	---	---	---	---	1.4	0.43	1.5
25	---	---	---	---	---	---	---	---	---	0.86	0.68	1.0
26	---	---	---	---	---	---	---	---	---	1.4	0.49	0.61
27	---	---	---	---	---	---	---	---	---	1.6	0.29	0.72
28	---	---	---	---	---	---	---	---	---	1.2	0.41	0.51
29	---	---	---	---	---	---	---	---	---	1.2	0.28	0.80
30	---	---	---	---	---	---	---	---	---	1.1	0.46	0.62
31	---	---	---	---	---	---	---	---	---	0.78	0.20	---
Total	---	---	---	---	---	---	---	---	---	43.18	16.16	16.94
Mean	---	---	---	---	---	---	---	---	---	1.39	0.52	0.56
Max	---	---	---	---	---	---	---	---	---	2.2	1.1	1.5
Min	---	---	---	---	---	---	---	---	---	0.49	0.20	0.09
Ac-ft	---	---	---	---	---	---	---	---	---	86	32	34

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1970 - 2007, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	2.96	22.8	56.2	90.8	103	86.1	39.8	13.0	6.09	2.97	1.61	1.25
Max	11.6	162	297	345	379	432	259	68.5	20.5	11.7	6.68	4.46
(WY)	(1984)	(1973)	(1984)	(1982)	(1986)	(1983)	(1982)	(1983)	(1982)	(1974)	(1982)	(1983)
Min	0.00	0.71	1.70	1.17	2.21	2.98	1.05	1.42	0.35	0.02	0.00	0.00
(WY)	(1978)	(1977)	(1977)	(1991)	(1977)	(1977)	(1977)	(1977)	(1981)	(1988)	(1977)	(1977)

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SUMMARY STATISTICS

	Water Years 1970 - 2007	
Annual mean	35.2	
Highest annual mean	111	1983
Lowest annual mean	1.16	1977
Highest daily mean	4,120	Jan 4, 1982
Lowest daily mean	0.00	Aug 11, 1972
Annual seven-day minimum	0.00	Aug 11, 1972
Maximum peak flow	7,910	Jan 4, 1982
Maximum peak stage	21.28	Jan 4, 1982
Instantaneous low flow	0.00	Sep 16, 1992
Annual runoff (ac-ft)	25,530	
10 percent exceeds	70	
50 percent exceeds	5.0	
90 percent exceeds	0.27	

