Water-Data Report 2008

11166550 Stevens Creek at Mountain View, CA

Stevens Creek Basin

LOCATION.--Lat 37°23′42″, long 122°04′08″ referenced to North American Datum of 1983, Santa Clara County, CA, Hydrologic Unit 18050003, located in Pastoria de Las Borregas Grant, on right bank, about 125 ft downstream of pedestrian footbridge at end of Central Avenue.

DRAINAGE AREA.--25.0 mi^2, approximate, furnished by Cooperator.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 2005 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 70 ft above NGVD 1929, from topographic map.

COOPERATION.--Records provided by Santa Clara Valley Water District.

REMARKS.--Records poor. Flow regulated by Stevens Creek Reservoir (usable capacity, 3,138 acre-ft) provided by Santa Clara Valley Water District.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 895 ft^3/s, Jan. 2, 2006, gage height, 8.75 ft; no flow for many days most years.

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

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	e0.00	e0.00	e0.00	e0.00	14	2.3	2.2	1.3	0.00	0.00	0.00	0.00
2	e0.00	e0.00	e0.00	e0.00	15	2.2	2.1	0.76	0.00	0.00	0.00	0.00
3	e0.00	e0.00	e0.00	e0.00	16	2.0	2.0	0.39	0.00	0.00	0.00	0.00
4	e0.00	e0.00	0.69	275	16	1.8	2.2	0.10	0.00	0.00	0.00	0.00
5	e0.00	e0.00	0.58	58	15	1.6	2.4	0.00	0.00	0.00	0.00	0.00
6	e0.00	e0.00	0.82	8.2	16	1.4	2.6	0.00	0.00	0.00	0.00	0.00
7	e0.00	e0.00	1.2	0.37	16	14	2.4	0.00	0.00	0.00	0.00	0.00
8	e0.00	e0.00	0.00	e0.00	12	22	2.7	0.00	0.00	0.00	0.00	0.00
9	e0.00	e0.00	0.00	e0.00	8.4	1.9	2.4	0.00	0.00	0.00	0.00	0.00
10	3.1	0.51	0.00	e0.00	5.5	1.3	2.2	0.00	0.00	0.00	0.00	0.00
11	e0.00	3.5	0.00	e0.00	3.6	1.6	2.1	0.00	0.00	0.00	0.00	0.00
12	35	e0.00	0.00	e0.00	2.3	1.1	2.0	0.00	0.00	0.00	0.00	0.00
13	0.61	e0.00	0.00	e0.00	2.1	1.5	1.9	0.00	0.00	0.00	0.00	0.00
14	e0.00	e0.00	0.00	e0.00	1.9	1.8	1.8	0.00	0.00	0.00	0.00	0.00
15	e0.00	e0.00	0.00	e0.00	1.8	2.5	2.1	0.00	0.00	0.00	0.00	0.00
16	e0.00	e0.00	0.00	e0.00	1.4	2.1	2.1	0.00	0.00	0.00	0.00	0.00
17	e0.00	e0.00	0.00	e0.00	1.3	2.0	2.1	0.00	0.00	0.00	0.00	0.00
18	e0.00	e0.00	10	e0.00	1.1	1.9	2.0	0.00	0.00	0.00	0.00	0.00
19	e0.00	e0.00	e0.00	e0.00	7.2	1.5	2.0	0.00	0.00	0.00	0.00	0.00
20	e0.00	e0.00	9.0	e0.00	11	1.4	2.1	0.00	0.00	0.00	0.00	0.00
21	e0.00	e0.00	e0.00	6.8	2.8	1.4	2.5	0.00	0.00	0.00	0.00	0.00
22	e0.00	e0.00	e0.00	11	2.9	1.4	2.7	0.05	0.00	0.00	0.00	0.00
23	e0.00	e0.00	e0.00	0.35	11	1.8	1.7	0.00	0.00	0.00	0.00	0.00
24	e0.00	e0.00	e0.00	0.10	14	1.8	1.1	0.00	0.00	0.00	0.00	0.00
25	e0.00	e0.00	e0.00	125	12	1.8	0.96	0.00	0.00	0.00	0.00	0.00
26	e0.00	e0.00	e0.00	49	7.6	2.0	0.77	0.00	0.00	0.00	0.00	0.00
27	e0.00	e0.00	e0.00	28	3.7	1.8	0.67	0.00	0.00	0.00	0.00	0.00
28	e0.00	e0.00	e0.00	16	2.3	2.0	1.0	0.00	0.00	0.00	0.00	0.00
29	e0.00	e0.00	e0.00	14	2.6	2.0	1.2	0.00	0.00	0.00	0.00	0.00
30	e0.00	e0.00	e0.00	15	---	2.0	1.3	0.00	0.00	0.00	0.00	0.00
31	e0.00	---	e0.00	15	---	2.1	---	0.00	---	0.00	0.00	---
Total	38.71	4.01	22.29	621.82	226.5	88.0	57.30	2.60	0.00	0.00	0.00	0.00
Mean	1.25	0.13	0.72	20.1	7.81	2.84	1.91	0.08	0.00	0.00	0.00	0.00
Max	35	3.5	10	275	16	22	2.7	1.3	0.00	0.00	0.00	0.00
Min	0.00	0.00	0.00	0.00	1.1	1.1	0.67	0.00	0.00	0.00	0.00	0.00
Ac-ft	77	8.0	44	1,230	449	175	114	5.2	0.00	0.00	0.00	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2006 - 2008, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	1.44	1.20	12.6	25.7	10.9	36.5	49.5	9.12	1.94	0.70	0.74	0.74
Max	2.36	2.34	31.1	51.9	17.2	105	144	25.5	5.37	2.10	2.21	2.15
(WY)	(2007)	(2007)	(2006)	(2006)	(2006)	(2006)	(2006)	(2006)	(2006)	(2006)	(2006)	(2006)
Min	0.72	0.13	0.72	5.13	7.81	1.85	1.91	0.08	0.00	0.00	0.00	0.00
(WY)	(2006)	(2008)	(2008)	(2007)	(2008)	(2007)	(2008)	(2008)	(2008)	(2007)	(2007)	(2008)

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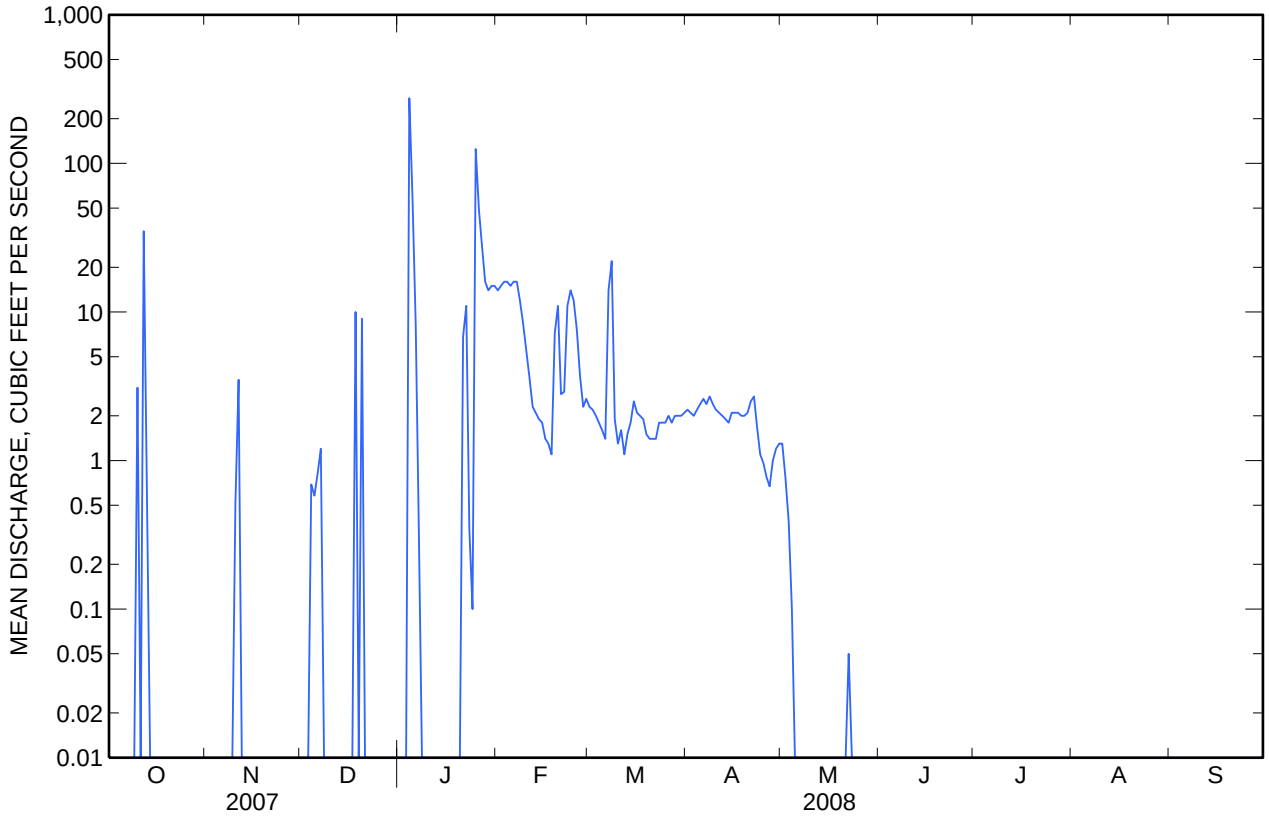
SUMMARY STATISTICS

	Calendar Year 2007		Water Year 2008		Water Years 2006 - 2008	
Annual total	656.69		1,061.23			
Annual mean	1.80		2.90		12.6	
Highest annual mean					32.4	2006
Lowest annual mean					2.53	2007
Highest daily mean	35	Oct 12	275	Jan 4	459	Apr 4, 2006
Lowest daily mean	0.00	Jun 9	0.00	Oct 1	0.00	Jun 9, 2007
Annual seven-day minimum	0.00	Jun 9	0.00	Oct 1	0.00	Jun 9, 2007
Maximum peak flow			866	Jan 4	895	Jan 2, 2006
Maximum peak stage			8.69	Jan 4	8.75	Jan 2, 2006
Annual runoff (ac-ft)	1,300		2,100		9,130	
10 percent exceeds	4.3		3.2		25	
50 percent exceeds	0.00		0.00		1.7	
90 percent exceeds	0.00		0.00		0.00