11106550 Calleguas Creek near Camarillo, CA

Calleguas Creek Basin

LOCATION.--Lat 34°10′46″, long 119°02′20″ referenced to North American Datum of 1927, Ventura County, CA, Hydrologic Unit 18070103, in Guadalasca Grant, on downstream side of county road bridge, 1.0 mi northeast of California State University Channel Islands, and 1.4 mi downstream from Conejo Creek.

DRAINAGE AREA.--248 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1969 to September 1983, October 1996 to current year. Prior to October 2003, published as "Calleguas Creek at Camarillo State Hospital."

GAGE.--Water-stage recorder. Datum of gage is 58.42 ft above NGVD of 1929 (levels by Ventura County Watershed Protection District).

REMARKS.--Records fair. Flow partially diverted since April 2002, at Conejo Creek Diversion, located approximately 3.5 mi upstream and operated by Camrosa Water District. Pumping for irrigation in valley 1.0 mi above station. Sustained flow from City of Thousand Oaks Reclamation Plant.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 25,900 ft^3/s, Mar. 1, 1983, gage height, 10.08 ft, maximum gage height, 10.54 ft, Feb. 16, 1980, from rating curve extended above 4,600 ft^3/s, on basis of slope-conveyance study of maximum flow; no flow at times in some years.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,100 ft^3/s and (or) maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Mar 25	2000	*1,660	*3.34
Apr 13	1800	1,410	3.16

Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 11106550, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/11106550.2012.pdf

11106550 Calleguas Creek near Camarillo, CA—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.1	8.0	6.7	10	11	8.3	30	14	10	7.8	9.7	8.3
2	6.7	8.2	7.9	10	11	9.2	27	12	9.5	4.8	7.6	10
3	10	8.6	9.4	9.0	11	9.8	20	11	8.1	6.1	7.4	10
4	7.1	8.4	10	9.1	11	9.8	12	13	8.1	5.7	8.6	12
5	127	8.0	9.8	7.4	11	9.6	9.9	13	9.0	5.9	13	12
6	51	47	7.6	7.7	11	11	9.7	13	10	8.8	9.0	11
7	19	25	7.9	7.7	13	10	9.9	13	7.9	7.0	6.6	10
8	9.4	9.5	7.5	7.9	15	8.8	12	13	6.2	4.4	5.8	12
9	7.7	9.6	7.4	7.7	9.9	7.3	12	13	6.2	5.3	6.8	13
10	6.8	8.1	11	9.0	9.9	7.1	12	13	6.6	6.7	6.3	8.2
11	7.0	8.3	11	11	8.6	10	294	13	6.8	7.2	6.1	6.9
12	6.8	238	92	10	11	10	33	13	6.4	6.7	5.8	8.0
13	7.2	30	45	12	9.6	11	370	12	10	12	6.0	7.7
14	6.9	24	26	9.7	12	9.7	101	12	13	9.1	6.0	8.1
15	7.1	24	11	11	11	11	37	11	9.1	10	7.0	8.5
16	6.9	20	9.1	9.7	14	11	28	8.1	9.1	8.7	6.0	7.7
17	8.2	12	7.7	8.5	11	264	16	7.9	11	9.3	9.4	8.0
18	8.3	9.7	8.9	8.9	11	76	14	8.6	17	9.4	6.5	7.2
19	8.6	9.6	8.5	9.8	11	35	14	8.2	8.4	9.6	8.5	7.7
20	8.3	179	10	12	11	21	14	7.8	7.4	6.7	7.9	7.5
21	8.7	91	10	208	13	12	18	8.2	5.3	5.9	5.8	7.1
22	8.9	36	8.5	50	12	8.9	15	8.1	7.6	8.9	6.3	8.5
23	8.1	30	8.0	179	13	9.3	14	10	6.5	6.7	6.7	7.4
24	8.2	24	11	78	12	9.6	14	8.6	7.5	5.6	6.9	7.8
25	7.7	26	11	43	9.3	534	14	7.9	6.5	7.5	9.0	8.6
26	7.8	22	8.6	25	8.5	258	22	8.8	8.0	7.6	15	7.0
27	8.4	16	7.5	17	11	37	14	6.3	6.2	6.3	12	6.6
28	7.6	10	7.8	14	11	32	11	7.1	5.2	5.9	9.0	6.6
29	8.4	8.0	7.3	15	10	22	13	8.6	5.9	5.9	7.7	6.9
30	7.7	6.8	7.5	13	---	16	14	11	5.8	6.1	11	8.1
31	8.3	---	9.8	11	---	16	---	10	---	9.9	11	---
Total	414.9	964.8	411.4	841.1	323.8	1,504.4	1,224.5	324.2	244.3	227.5	250.4	258.4
Mean	13.4	32.2	13.3	27.1	11.2	48.5	40.8	10.5	8.14	7.34	8.08	8.61
Max	127	238	92	208	15	534	370	14	17	12	15	13
Min	5.1	6.8	6.7	7.4	8.5	7.1	9.7	6.3	5.2	4.4	5.8	6.6
Ac-ft	823	1,910	816	1,670	642	2,980	2,430	643	485	451	497	513

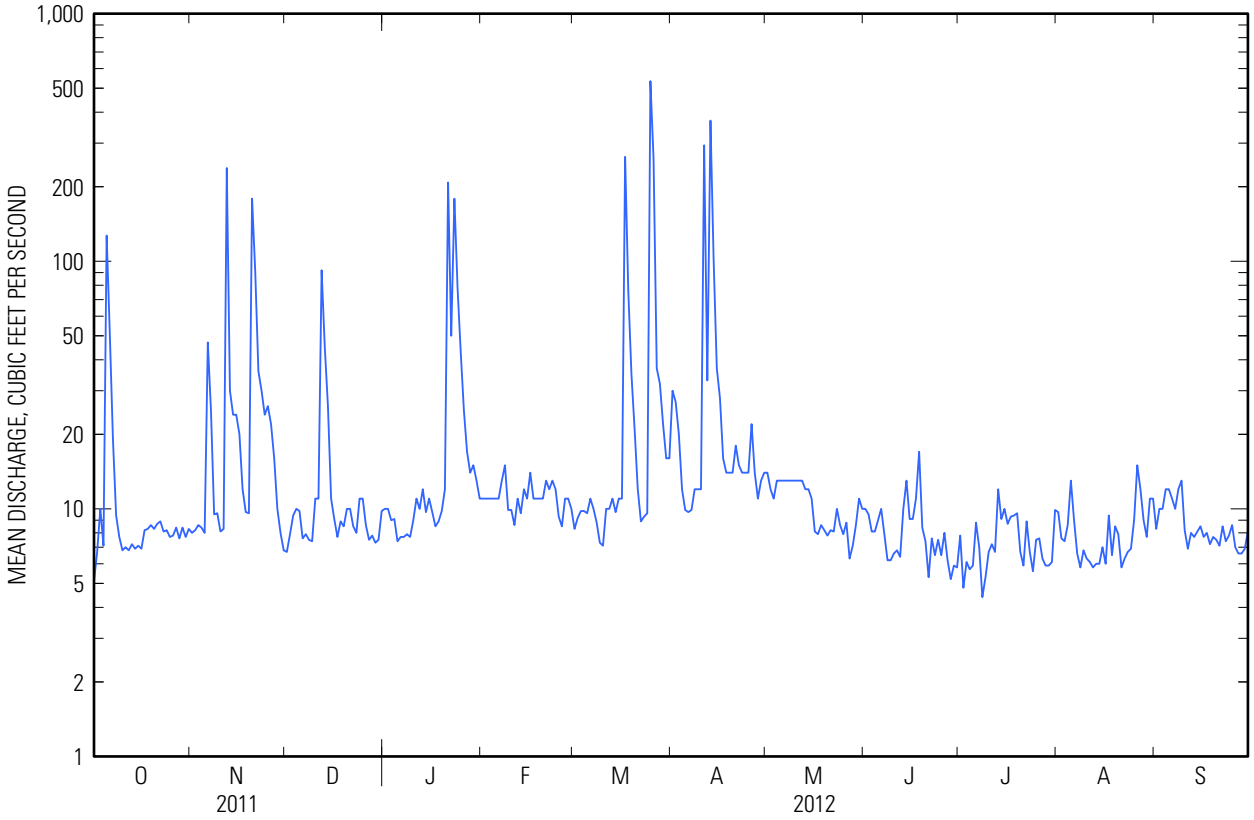
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1969 - 2012, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	20.7	27.7	59.2	116	174	100	30.7	19.1	13.9	11.6	10.9	12.5
Max	124	119	264	815	1,147	677	118	73.0	33.7	24.5	23.6	36.4
(WY)	(2005)	(1971)	(2011)	(2005)	(1998)	(1983)	(2006)	(1998)	(1998)	(1983)	(1983)	(1983)
Min	1.83	2.61	2.84	3.94	5.61	6.17	3.45	1.83	1.20	0.47	0.09	1.07
(WY)	(1971)	(1969)	(1969)	(1970)	(1971)	(1972)	(1970)	(1970)	(1971)	(1971)	(1970)	(1970)

11106550 Calleguas Creek near Camarillo, CA—Continued

SUMMARY STATISTICS

	Calendar Year 2011		Water Year 2012		Water Years 1969 - 2012	
Annual total	16,434.4		6,989.7			
Annual mean	45.0		19.1		49.1	
Highest annual mean					197	2005
Lowest annual mean					8.46	1970
Highest daily mean	4,940	Mar 20	534	Mar 25	9,690	Mar 1, 1983
Lowest daily mean	4.9	Jul 19	4.4	Jul 8	0.00	Apr 24, 1970
Annual seven-day minimum	5.8	Jul 16	5.9	Jun 28	0.00	Jul 19, 1970
Maximum peak flow			1,660	Mar 25	25,900	Mar 1, 1983
Maximum peak stage			3.34	Mar 25	10.54	Feb 16, 1980
Annual runoff (ac-ft)	32,600		13,860		35,540	
10 percent exceeds	44		24		43	
50 percent exceeds	11		9.4		14	
90 percent exceeds	6.7		6.6		3.8	



11106550 Calleguas Creek near Camarillo, CA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1969-78, 1997 to current year.
SEDIMENT DATA: Water years 1969-78, 1997 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1970 to September 1978, October 1996 to September 2002.
SEDIMENT DATA: October 1968 to September 1978, October 1996 to September 2002.

11106550 Calleguas Creek near Camarillo, CA—Continued

SUSPENDED SEDIMENT DISCHARGE
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

[ft³/s, cubic feet per second; mg/L, milligrams per liter; °C, degrees Celsius; A, average]

Sample date-time	Discharge, instantaneous, ft³/s (00061)	Temperature, water, °C (00010)	Suspended sediment concentration, mg/L (80154)	Suspended sediment discharge, tons per day (80155)
11-01-2011 1400	8.0	18.9	10	0.22
11-01-2011 1401	8.0	18.9	A 10	A .22
11-01-2011 1402	8.0	18.9	10	.22
11-16-2011 1100	23	16.2	20	1.2
11-16-2011 1101	23	16.2	A 19	A 1.2
11-16-2011 1102	23	16.2	17	1.0
12-01-2011 1300	6.2	15.2	6	.10
12-01-2011 1301	6.2	15.2	A 6	A .10
12-01-2011 1302	6.2	15.2	6	.10
12-13-2011 1545	39	13.0	10	1.1
12-13-2011 1546	39	13.0	A 11	A 1.2
12-13-2011 1547	39	13.0	12	1.3
01-05-2012 1100	6.2	14.9	6	.10
01-05-2012 1101	6.2	14.9	A 7	A .12
01-05-2012 1102	6.2	14.9	8	.13
01-18-2012 1535	8.2	16.1	23	.51
01-18-2012 1536	8.2	16.1	A 20	A .44
01-18-2012 1537	8.2	16.1	17	.38
02-09-2012 1325	8.2	18.8	6	.13
02-09-2012 1326	8.2	18.8	A 9	A .20
02-09-2012 1327	8.2	18.8	11	.24
02-23-2012 1300	12	19.9	9	.29
02-23-2012 1301	12	19.9	A 9	A .29
02-23-2012 1302	12	19.9	10	.32
03-07-2012 1535	11	19.0	12	.34
03-07-2012 1536	11	19.0	A 11	A .31
03-07-2012 1537	11	19.0	10	.28
03-21-2012 1233	11	20.3	7	.20
03-21-2012 1234	11	20.3	A 8	A .23
03-21-2012 1235	11	20.3	10	.28
03-26-2012 0900	257	11.0	1,560	1,080
04-04-2012 1125	10	20.0	8	.22
04-04-2012 1127	10	20.0	A 9	A .24
04-04-2012 1130	10	20.0	9	.24
04-11-2012 1455	346	16.9	3,520	3,290
04-11-2012 1456	346	16.9	A 3,580	A 3,340
04-11-2012 1457	346	16.9	3,630	3,390
04-17-2012 1455	16	25.1	21	.91
04-17-2012 1456	16	25.1	A 22	A .95
04-17-2012 1457	16	25.1	23	.99