11119500 Carpinteria Creek near Carpinteria, CA

Carpinteria Creek Basin

LOCATION.--Lat 34°24′05″, long 119°29′08″ referenced to North American Datum of 1927, Santa Barbara County, CA, Hydrologic Unit 18060013, in El Rincon Grant, on right bank, 100 ft upstream from bridge on State Highway 192, 165 ft downstream from the confluence of Carpinteria and Gobernador Creeks, and 1.8 mi northeast of Carpinteria.

DRAINAGE AREA.--13.1 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--January 1941 to September 1977, October 1978 to current year.

REVISED RECORDS.--WSP 1061: 1943. WSP 1928: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 130 ft above NGVD of 1929, from topographic map. Prior to July 1, 1958, at site 100 ft downstream, at datum 6.00 ft higher. July 2, 1958, to Aug. 27, 1970, at site 65 ft downstream at datum 4.00 ft higher. Aug. 28, 1970, to Sept. 30, 1977, at site 100 ft downstream at same datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. No regulation upstream from station. Gobernador Land and Water Co. diverts from Gobernador Creek 1.8 mi upstream from station. Small lake 0.8 mi southeast of station and outside the drainage area stores storm runoff and surplus water diverted from Gobernador Creek by Gobernador Land and Water Co. At times this lake is drained by pumping water back into Gobernador Creek 1,000 ft upstream from station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 8,880 ft^3/s, Dec. 27, 1971, gage height, 14.10 ft, from floodmark, from rating curve extended above 130 ft^3/s, on basis of slope-area measurement of peak flow; no flow at times each year.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 125 ft^3/s and (or) maximum (*):

[#, from csg reading]

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Dec 19	unknown	*#1,110	*#6.24
Dec 22	1300	574	5.51
Feb 25	2245	170	4.66
Mar 20	2015	693	5.68
Mar 25	0400	533	5.45

Suggested citation: U.S. Geological Survey, 2012, Water-resources data for the United States, Water Year 2011: U.S. Geological Survey Water-Data Report WDR-US-2011, site 11119500, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/11119500.2011.pdf

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
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	4.1	0.03	4.9	12	1.4	0.51	0.00	0.00	0.00
2	e0.00	e0.00	e0.00	4.7	0.00	3.5	11	1.3	0.47	0.00	0.00	0.00
3	e0.00	e0.00	e0.00	5.6	0.00	3.0	11	1.2	0.43	0.00	0.00	0.00
4	e0.00	e0.00	e0.00	3.7	0.00	2.4	9.5	1.1	0.47	0.00	0.00	0.00
5	e0.00	e0.00	e0.00	3.1	0.00	2.0	8.7	1.1	0.69	0.00	0.00	0.00
6	e0.00	e0.00	e0.00	2.7	0.00	1.7	8.0	1.1	1.2	0.00	0.00	0.00
7	e0.00	e0.00	e0.00	2.2	0.00	1.5	7.3	1.2	0.68	0.00	0.00	0.00
8	e0.00	e0.00	e0.00	1.9	0.00	1.2	6.9	1.3	0.57	0.00	0.00	0.00
9	e0.00	e0.00	e0.00	1.7	0.00	1.0	6.3	1.1	0.63	0.00	0.00	0.00
10	e0.00	e0.00	e0.00	1.5	0.00	0.85	5.6	1.0	0.64	0.00	0.00	0.00
11	e0.00	e0.00	e0.00	1.2	0.00	0.75	5.2	0.99	0.70	0.00	0.00	0.00
12	e0.00	e0.00	e0.00	0.98	0.00	0.67	4.8	0.94	0.69	0.00	0.00	0.00
13	e0.00	e0.00	e0.00	0.81	0.00	0.60	4.4	0.90	0.59	0.00	0.00	0.00
14	e0.00	e0.00	e0.00	0.63	0.00	0.51	4.1	0.94	0.50	0.00	0.00	0.00
15	e0.00	e0.00	e0.00	0.50	0.00	0.42	3.9	1.1	0.42	0.00	0.00	0.00
16	e0.00	e0.00	e0.00	0.36	1.1	0.35	3.6	1.0	0.43	0.00	0.00	0.00
17	e0.00	e0.00	e0.00	0.31	0.26	0.30	3.2	1.5	0.58	0.00	0.00	0.00
18	e0.00	e0.00	e0.00	0.28	1.1	0.31	3.2	1.8	0.52	0.00	0.00	0.00
19	e0.00	e0.00	e237	0.28	5.0	0.56	3.2	1.0	0.52	0.00	0.00	0.00
20	e0.00	e0.00	e56	0.22	4.5	309	3.2	0.88	0.48	0.00	0.00	0.00
21	e0.00	e0.00	24	0.20	1.3	146	3.0	0.88	0.27	0.00	0.00	0.00
22	e0.00	e0.00	179	0.17	0.79	45	2.8	0.86	0.13	0.00	0.00	0.00
23	e0.00	e0.00	44	0.07	0.54	30	2.7	0.86	0.08	0.00	0.00	0.00
24	e0.00	e0.00	18	0.04	0.38	26	2.6	0.79	0.06	0.00	0.00	0.00
25	e0.00	e0.00	15	0.00	25	162	2.4	0.75	0.04	0.00	0.00	0.00
26	e0.00	e0.00	17	0.00	39	51	2.1	0.68	0.00	0.00	0.00	0.00
27	e0.00	e0.00	9.7	0.00	11	34	1.9	0.63	0.00	0.00	0.00	0.00
28	e0.00	e0.00	8.1	0.00	7.4	26	1.8	0.57	0.00	0.00	0.00	0.00
29	e0.00	e0.00	12	0.00	---	19	1.6	0.53	0.00	0.00	0.00	0.00
30	e0.00	e0.00	7.3	0.35	---	15	1.5	0.51	0.00	0.00	0.00	0.00
31	e0.00	---	5.2	0.20	---	13	---	0.51	---	0.00	0.00	---
Total	0.00	0.00	632.30	37.80	97.40	902.52	147.5	30.42	12.30	0.00	0.00	0.00
Mean	0.00	0.00	20.4	1.22	3.48	29.1	4.92	0.98	0.41	0.00	0.00	0.00
Max	0.00	0.00	237	5.6	39	309	12	1.8	1.2	0.00	0.00	0.00
Min	0.00	0.00	0.00	0.00	0.00	0.30	1.5	0.51	0.00	0.00	0.00	0.00
Ac-ft	0.00	0.00	1,250	75	193	1,790	293	60	24	0.00	0.00	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1941 - 2011, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	0.16	0.69	2.83	14.8	16.1	10.1	4.33	1.08	0.44	0.21	0.10	0.10
Max	3.59	16.7	38.9	242	274	83.8	67.8	13.7	6.24	4.35	3.07	3.32
(WY)	(1984)	(1966)	(1967)	(1995)	(1998)	(1995)	(1958)	(1998)	(1998)	(1998)	(1998)	(1998)
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(WY)	(1946)	(1944)	(1948)	(1945)	(1948)	(1947)	(1947)	(1945)	(1942)	(1942)	(1942)	(1942)

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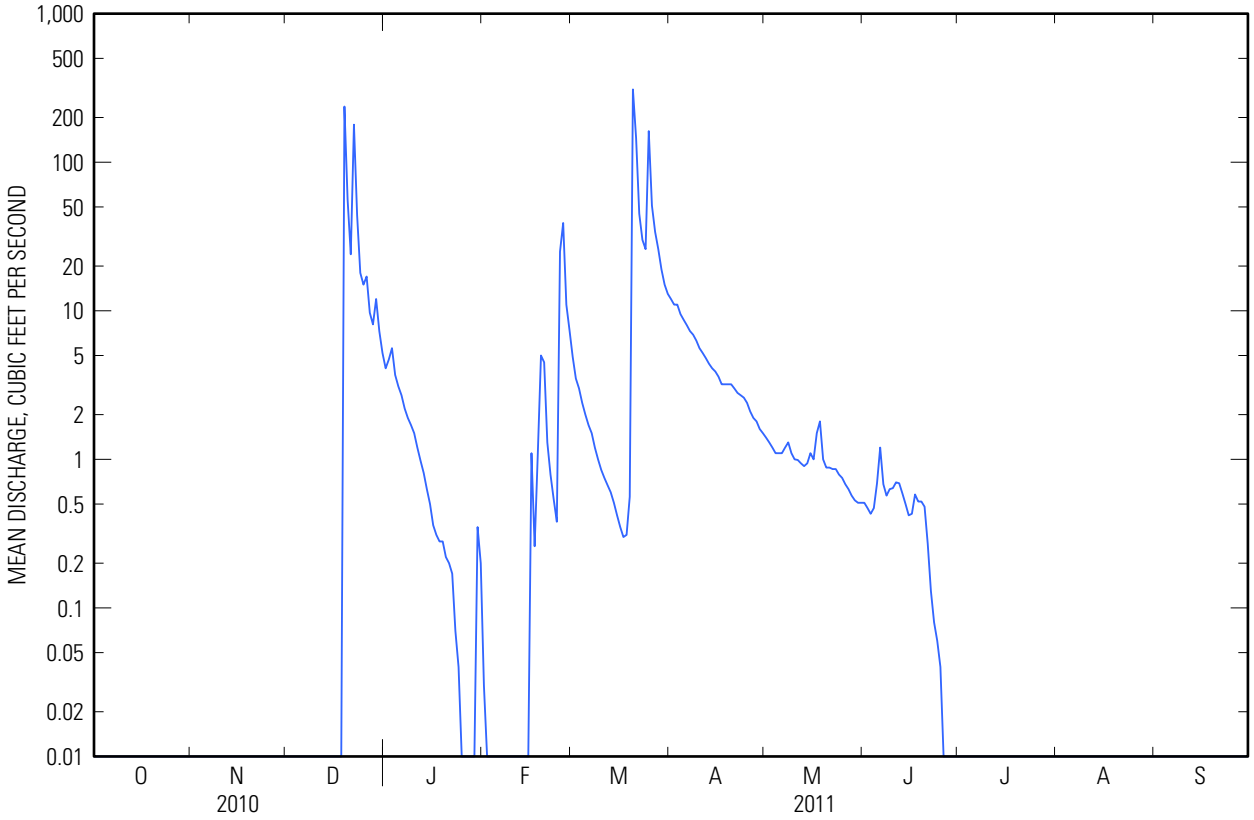
SUMMARY STATISTICS

	Calendar Year 2010		Water Year 2011		Water Years 1941 - 2011	
Annual total	1,251.21		1,860.24			
Annual mean	3.43		5.10		4.04	
Highest annual mean					33.5	1969
Lowest annual mean					0.00	1951
Highest daily mean	237	Dec 19	309	Mar 20	4,000	Jan 10, 1995
Lowest daily mean	0.00	Jan 1	0.00	Oct 1	0.00	Jan 4, 1941
Annual seven-day minimum	0.00	Jan 1	0.00	Oct 1	0.00	Nov 18, 1941
Maximum peak flow			1,110	Dec 19	8,880	Dec 27, 1971
Maximum peak stage			6.24	Dec 19	14.10	Dec 27, 1971
Annual runoff (ac-ft)	2,480		3,690		2,930	
10 percent exceeds	3.4		6.5		3.3	
50 percent exceeds	0.00		0.00		0.00	
90 percent exceeds	0.00		0.00		0.00