Water-Data Report 2013

11012500 Campo Creek near Campo, CA

Tijuana River Basin

LOCATION.--Lat 32°35′28″, long 116°31′29″ referenced to North American Datum of 1927, in NE ¼ SE ¼ sec.24, T.18 S., R.4 E., San Diego County, CA, Hydrologic Unit 18070305, on left bank, just upstream from bridge on State Highway 94, and 3.5 mi southwest of Campo.

DRAINAGE AREA.--85.0 mi^2, of which 3 mi^2 are in Mexico.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1936 to current year.

REVISED RECORDS.--WSP 1635: 1937-38 (instantaneous maximum discharge), 1940 (instantaneous maximum discharge). WSP 1928: Drainage area.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 2,178.92 ft above NGVD of 1929. Prior to Dec. 1, 1954, at datum 1.00 ft higher.

REMARKS.--Records fair. Peaks are attenuated by small conservation reservoir 1 mi upstream since August 1956. No regulation or diversion upstream from station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,580 ft^3/s, Jan. 16, 1993, gage height, 6.86 ft, from rating curve extended above 340 ft^3/s; no flow for part of some years.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.03	0.09	0.20	0.29	0.25	0.24	0.13	0.06	0.02	0.00	0.00	0.00
2	0.03	0.11	0.20	0.29	0.24	0.25	0.14	0.04	0.02	0.00	0.00	0.00
3	0.03	0.09	0.21	0.28	0.25	0.25	0.13	0.04	0.02	0.00	0.00	0.00
4	0.03	0.08	0.20	0.27	0.26	0.26	0.12	0.04	0.01	0.00	0.00	0.00
5	0.04	0.08	0.20	0.26	0.25	0.22	0.13	0.07	0.01	0.00	0.00	0.00
6	0.05	0.07	0.20	0.26	0.25	0.18	0.14	0.14	0.01	0.00	0.00	0.00
7	0.06	0.09	0.19	0.26	0.24	0.23	0.14	0.17	0.01	0.00	0.00	0.00
8	0.06	0.12	0.19	0.23	0.30	0.37	0.14	0.18	0.01	0.00	0.00	0.00
9	0.06	0.15	0.18	0.23	0.27	0.27	0.14	0.16	0.01	0.00	0.00	0.00
10	0.06	0.14	0.18	0.25	0.25	0.21	0.13	0.09	0.01	0.00	0.00	0.00
11	0.07	0.12	0.19	0.23	0.25	0.20	0.12	0.05	0.01	0.00	0.00	0.00
12	0.09	0.12	0.20	0.25	0.25	0.17	0.11	0.03	0.01	0.00	0.00	0.00
13	0.09	0.11	0.33	0.25	0.24	0.16	0.11	0.02	0.00	0.00	0.00	0.00
14	0.07	0.12	0.27	0.24	0.24	0.16	0.12	0.02	0.00	0.00	0.00	0.00
15	0.05	0.13	0.26	0.24	0.22	0.15	0.14	0.01	0.00	0.00	0.00	0.00
16	0.05	0.13	0.25	0.25	0.23	0.15	0.11	0.01	0.00	0.00	0.00	0.00
17	0.04	0.15	0.25	0.24	0.23	0.16	0.10	0.02	0.00	0.00	0.00	0.00
18	0.05	0.15	0.29	0.25	0.24	0.15	0.09	0.02	0.00	0.00	0.00	0.00
19	0.07	0.15	0.25	0.25	0.32	0.16	0.08	0.03	0.00	0.00	0.00	0.00
20	0.08	0.16	0.25	0.26	0.32	0.15	0.07	0.02	0.00	0.00	0.00	0.00
21	0.10	0.16	0.25	0.26	0.28	0.18	0.06	0.02	0.00	0.00	0.00	0.00
22	0.11	0.15	0.24	0.26	0.27	0.18	0.06	0.02	0.00	0.00	0.00	0.00
23	0.11	0.14	0.25	0.26	0.27	0.17	0.06	0.01	0.00	0.00	0.00	0.00
24	0.11	0.15	0.28	0.27	0.25	0.16	0.06	0.03	0.00	0.00	0.00	0.00
25	0.09	0.15	0.26	0.44	0.26	0.14	0.07	0.03	0.00	0.00	0.00	0.00
26	0.06	0.16	0.27	0.35	0.25	0.13	0.07	0.04	0.00	0.00	0.00	0.00
27	0.05	0.16	0.27	0.31	0.25	0.14	0.06	0.05	0.00	0.00	0.00	0.00
28	0.05	0.17	0.27	0.34	0.25	0.13	0.06	0.05	0.00	0.00	0.00	0.00
29	0.06	0.18	0.28	0.30	---	0.13	0.06	0.04	0.00	0.00	0.00	0.00
30	0.06	0.19	0.31	0.26	---	0.13	0.06	0.03	0.00	0.00	0.00	0.00
31	0.07	---	0.29	0.26	---	0.12	---	0.03	---	0.00	0.00	---
Total	1.98	3.97	7.46	8.39	7.18	5.70	3.01	1.57	0.15	0.00	0.00	0.00
Mean	0.06	0.13	0.24	0.27	0.26	0.18	0.10	0.05	0.01	0.00	0.00	0.00
Max	0.11	0.19	0.33	0.44	0.32	0.37	0.14	0.18	0.02	0.00	0.00	0.00
Min	0.03	0.07	0.18	0.23	0.22	0.12	0.06	0.01	0.00	0.00	0.00	0.00
Ac-ft	3.9	7.9	15	17	14	11	6.0	3.1	0.3	0.00	0.00	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2013, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	0.67	1.23	2.20	4.76	6.98	9.91	6.34	3.01	1.53	0.80	0.73	0.55
Max	14.3	20.7	25.7	140	74.5	153	121	52.2	30.4	20.1	26.5	16.5
(WY)	(1984)	(1984)	(1984)	(1993)	(1980)	(1983)	(1983)	(1983)	(1983)	(1983)	(1983)	(1983)
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)	(1937)	(1949)	(1949)	(1957)	(1957)	(1956)	(1957)	(1957)	(1950)	(1947)	(1946)	(1947)

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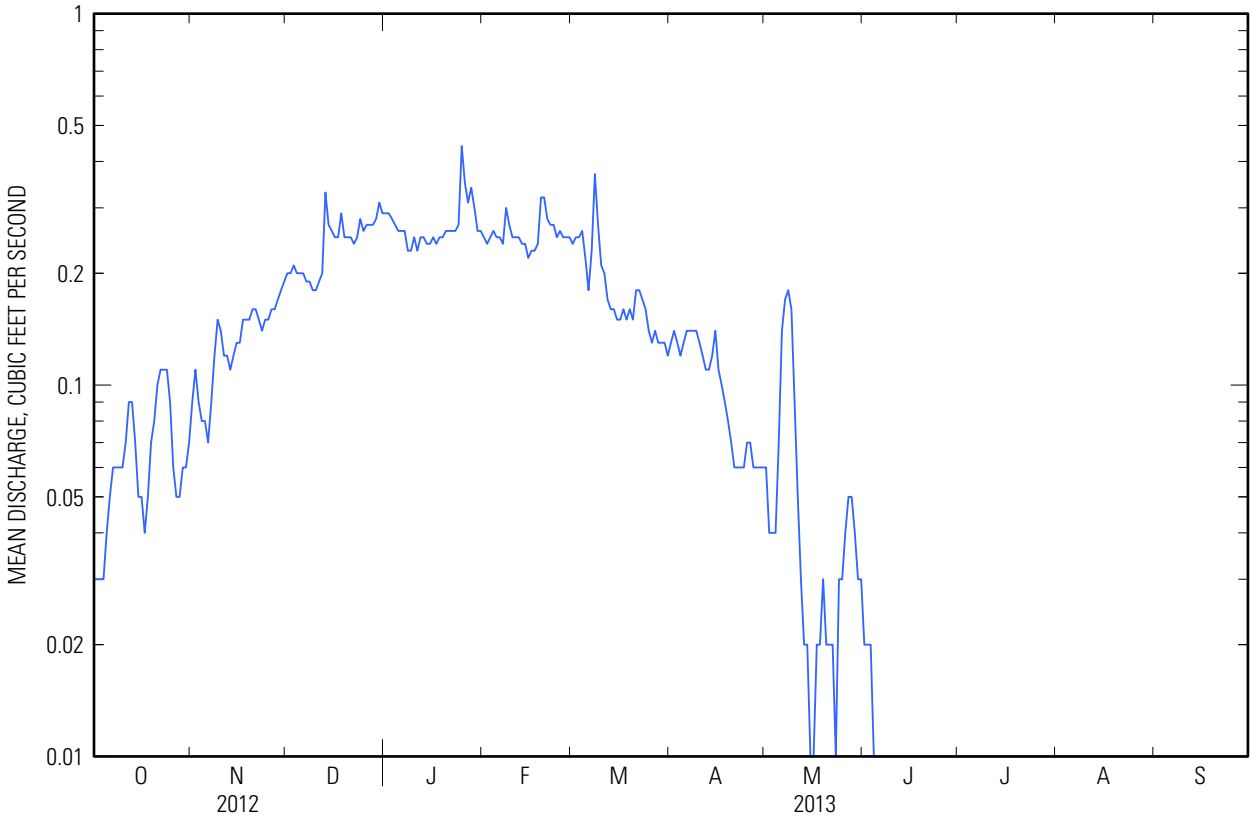
SUMMARY STATISTICS

	Calendar Year 2012		Water Year 2013		Water Years 1937 - 2013	
Annual total	89.53		39.41			
Annual mean	0.24		0.11		3.21	
Highest annual mean					39.6	1983
Lowest annual mean					0.00	1957
Highest daily mean	1.7	Mar 19	0.44	Jan 25	745	Jan 16, 1993
Lowest daily mean	0.02	Aug 10	0.00	Jun 13	0.00	Oct 1, 1936
Annual seven-day minimum	0.03	Aug 15	0.00	Jun 13	0.00	Oct 1, 1936
Maximum peak flow			0.59	Jan 25	1,580	Jan 16, 1993
Maximum peak stage			1.39	Jan 25	6.86	Jan 16, 1993
Annual runoff (ac-ft)	178		78		2,320	
10 percent exceeds	0.55		0.26		7.6	
50 percent exceeds	0.22		0.07		0.10	
90 percent exceeds	0.05		0.00		0.00