



Water-Data Report 2011

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 mi², of which 3 mi² 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 ft³/s, Jan. 16, 1993, gage height, 6.86 ft, from rating curve extended above 340 ft³/s; no flow for part of some years.

11012500 Campo Creek near Campo, CA—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.09	0.11	0.20	0.60	0.54	5.7	1.5	1.5	0.63	0.30	0.25	0.17
2	0.10	0.08	0.20	0.58	0.52	3.4	1.5	1.4	0.60	0.28	0.25	0.17
3	0.10	0.08	0.20	0.60	0.52	2.5	1.5	1.3	0.57	0.26	0.22	0.20
4	0.10	0.06	0.21	0.54	0.53	2.1	1.5	1.3	0.58	0.33	0.20	0.19
5	0.10	0.08	0.20	0.50	0.54	1.8	1.4	1.2	0.50	0.45	0.21	0.21
6	0.11	0.08	0.21	0.49	0.53	1.6	1.5	1.3	0.53	0.46	0.24	0.18
7	0.11	0.10	0.21	0.49	0.54	2.1	1.6	1.3	0.51	0.40	0.24	0.17
8	0.10	0.14	0.22	0.49	0.54	1.8	2.4	1.4	0.47	0.39	0.22	0.16
9	0.07	0.14	0.22	0.49	0.51	1.5	2.6	1.6	0.45	0.38	0.21	0.18
10	0.06	0.16	0.22	0.46	0.51	1.3	2.3	1.7	0.47	0.35	0.22	0.22
11	0.05	0.15	0.21	0.46	0.52	1.3	2.0	1.5	0.44	0.34	0.24	0.21
12	0.05	0.14	0.20	0.46	0.52	1.3	1.9	1.2	0.44	0.36	0.26	0.20
13	0.04	0.13	0.22	0.47	0.54	1.3	1.9	1.2	0.44	0.36	0.25	0.22
14	0.05	0.14	0.22	0.46	0.54	1.3	1.9	1.2	0.42	0.37	0.23	0.23
15	0.07	0.14	0.23	0.45	0.54	1.3	1.8	1.1	0.40	0.37	0.21	0.22
16	0.10	0.14	0.25	0.47	0.62	1.3	1.8	1.1	0.41	0.37	0.19	0.24
17	0.11	0.14	0.25	0.47	0.69	1.3	1.8	1.3	0.41	0.33	0.18	0.26
18	0.16	0.13	0.28	0.49	0.79	1.2	1.8	2.1	0.40	0.29	0.17	0.21
19	0.38	0.17	0.30	0.51	42	1.3	2.1	1.6	0.47	0.24	0.20	0.19
20	0.39	0.21	0.43	0.49	26	1.4	2.2	1.2	0.47	0.24	0.23	0.17
21	0.25	0.29	0.40	0.49	2.5	24	2.2	1.1	0.42	0.25	0.24	0.16
22	0.21	0.22	5.8	0.51	1.5	9.8	2.0	1.0	0.41	0.27	0.23	0.17
23	0.19	0.23	2.5	0.49	1.3	3.4	1.7	1.0	0.39	0.27	0.18	0.20
24	0.17	0.25	0.75	0.50	1.2	3.8	1.7	0.99	0.40	0.32	0.16	0.20
25	0.22	0.22	0.61	0.51	1.2	2.5	1.8	0.88	0.42	0.32	0.14	0.16
26	0.19	0.20	0.58	0.51	41	2.4	1.8	0.83	0.38	0.33	0.15	0.17
27	0.12	0.21	0.51	0.50	49	2.7	1.7	0.81	0.36	0.29	0.16	0.15
28	0.10	0.22	0.48	0.52	13	2.7	1.6	0.78	0.37	0.27	0.22	0.14
29	0.10	0.20	1.0	0.52	---	2.2	1.6	0.79	0.34	0.23	0.24	0.14
30	0.13	0.20	1.8	0.53	---	1.7	1.6	0.80	0.34	0.26	0.18	0.15
31	0.14	---	0.71	0.56	---	1.5	---	0.72	---	0.26	0.17	---
Total	4.16	4.76	19.82	15.61	188.74	93.5	54.7	37.20	13.44	9.94	6.49	5.64
Mean	0.13	0.16	0.64	0.50	6.74	3.02	1.82	1.20	0.45	0.32	0.21	0.19
Max	0.39	0.29	5.8	0.60	49	24	2.6	2.1	0.63	0.46	0.26	0.26
Min	0.04	0.06	0.20	0.45	0.51	1.2	1.4	0.72	0.34	0.23	0.14	0.14
Ac-ft	8.3	9.4	39	31	374	185	108	74	27	20	13	11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2011, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	0.69	1.26	2.25	4.88	7.16	10.2	6.50	3.09	1.56	0.82	0.75	0.57
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)

11012500 Campo Creek near Campo, CA—Continued**SUMMARY STATISTICS**

	Calendar Year 2010	Water Year 2011	Water Years 1937 - 2011
Annual total	150.86	454.00	
Annual mean	0.41	1.24	3.29
Highest annual mean			39.6
Lowest annual mean			0.00
Highest daily mean	5.8	Dec 22	745
Lowest daily mean	0.00	Jan 1	0.00
Annual seven-day minimum	0.00	Jan 1	0.00
Maximum peak flow			1,580
Maximum peak stage			6.86
Annual runoff (ac-ft)	299	901	2,380
10 percent exceeds	1.0	1.8	7.9
50 percent exceeds	0.22	0.41	0.10
90 percent exceeds	0.06	0.14	0.00

