Water-Data Report 2012

11055501 Plunge Creek and Diversions near East Highlands, CA

Santa Ana River Basin

LOCATION.--Lat 34°07′06″, long 117°08′27″ referenced to North American Datum of 1927, San Bernardino County, CA, Hydrologic Unit 18070203, combined discharge of Plunge Creek and diversions (stations 11055350, 11055400, and 11055450), which divert flow upstream from station.

SURFACE-WATER RECORDS

REMARKS.--For additional information on this combined flow station, see Plunge Creek near East Highlands (station 11055500). See schematic diagram of Santa Ana River Basin available from the California Water Science Center.

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 11055501, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/11055501.2012.pdf

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

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.8	2.8	3.7	4.1	3.4	4.0	11	6.0	2.7	1.5	1.1	0.92
2	1.6	2.7	4.0	4.0	3.4	3.8	8.3	6.2	2.7	1.5	1.2	0.89
3	1.7	2.8	4.0	4.1	3.3	3.6	7.7	6.0	2.7	1.6	1.2	0.89
4	2.1	5.1	4.0	4.1	3.2	3.5	e7.3	5.6	2.7	1.6	1.2	0.89
5	20	4.0	4.0	4.0	3.1	3.4	e7.0	5.3	2.7	1.6	1.2	0.96
6	8.7	3.7	4.0	4.0	3.1	3.4	6.7	4.9	2.7	1.6	1.1	1.0
7	4.0	3.5	4.1	4.0	3.1	3.6	6.4	4.6	2.5	1.4	1.0	1.0
8	3.4	3.4	4.1	3.8	3.1	3.6	6.1	4.3	2.4	1.2	1.0	1.0
9	3.2	3.3	4.0	3.8	3.0	4.1	5.9	4.1	2.5	1.1	0.96	1.2
10	3.1	3.3	4.0	3.9	3.0	3.7	5.7	4.1	2.5	1.1	0.99	1.2
11	3.1	3.3	4.0	3.9	3.1	3.6	7.1	4.0	2.4	1.2	1.1	1.2
12	3.0	3.5	4.8	3.8	3.4	3.6	6.4	3.9	2.3	1.3	1.2	1.2
13	2.9	3.5	4.4	3.7	3.6	3.6	14	4.0	2.1	2.3	1.1	0.99
14	2.9	3.4	4.2	3.7	3.9	3.5	27	4.0	2.1	1.7	1.1	0.88
15	2.9	3.5	4.3	3.7	5.5	3.5	13	3.9	2.1	1.4	1.1	0.86
16	3.0	3.5	4.2	3.8	4.7	3.5	12	3.8	2.0	1.3	1.1	0.86
17	2.9	3.4	4.2	3.8	3.9	22	12	3.7	1.8	1.4	1.1	0.90
18	2.9	3.5	4.2	3.8	3.7	12	10	3.8	1.8	1.3	1.2	0.92
19	2.9	3.6	4.2	3.7	3.6	9.8	8.6	3.6	1.8	1.2	0.99	0.89
20	2.9	7.2	4.2	3.7	3.7	8.5	8.2	3.2	1.8	1.1	0.98	0.86
21	2.9	11	4.1	5.3	3.6	8.4	8.2	3.0	1.8	1.1	0.99	0.85
22	2.8	5.0	4.0	4.4	3.5	8.8	7.9	3.0	1.8	1.1	1.0	0.87
23	2.8	4.4	4.0	4.9	3.4	7.9	8.0	3.1	1.7	1.1	1.1	0.86
24	2.9	4.3	4.2	4.6	3.3	6.9	7.7	3.1	1.7	1.1	1.1	0.86
25	3.1	4.2	4.1	4.1	3.3	12	7.0	3.4	1.7	1.1	1.1	0.92
26	3.2	4.0	4.0	4.0	3.3	16	10	3.5	1.6	1.1	1.0	0.96
27	3.0	4.0	4.0	3.7	4.1	10	7.9	3.3	1.6	1.1	0.96	0.92
28	2.9	3.9	4.0	3.6	4.9	9.0	6.8	3.1	1.5	1.0	0.92	0.89
29	2.8	3.9	4.1	3.6	4.2	7.7	6.3	3.0	1.5	0.93	0.89	0.90
30	2.8	3.9	4.1	3.6	---	7.6	5.9	2.9	1.5	0.93	0.96	0.88
31	2.8	---	4.1	3.4	---	7.7	---	2.8	---	0.95	1.1	---
Total	111.0	121.6	127.3	122.6	104.4	212.3	266.1	123.2	62.7	39.91	33.04	28.42
Mean	3.58	4.05	4.11	3.95	3.60	6.85	8.87	3.97	2.09	1.29	1.07	0.95
Max	20	11	4.8	5.3	5.5	22	27	6.2	2.7	2.3	1.2	1.2
Min	1.6	2.7	3.7	3.4	3.0	3.4	5.7	2.8	1.5	0.93	0.89	0.85
Ac-ft	220	241	252	243	207	421	528	244	124	79	66	56

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2012, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	1.52	3.33	8.25	17.3	22.9	22.6	13.5	7.13	3.50	1.80	1.28	1.36
Max	7.76	45.2	106	170	224	126	79.0	52.5	17.1	7.44	7.43	14.1
(WY)	(2005)	(1966)	(1967)	(1993)	(1969)	(1978)	(1958)	(1998)	(1998)	(1980)	(1983)	(1978)
Min	0.03	0.00	0.77	1.00	1.50	1.42	1.05	0.61	0.19	0.07	0.03	0.01
(WY)	(1992)	(1992)	(1963)	(1963)	(1961)	(2002)	(2002)	(2002)	(2002)	(2002)	(1992)	(1992)

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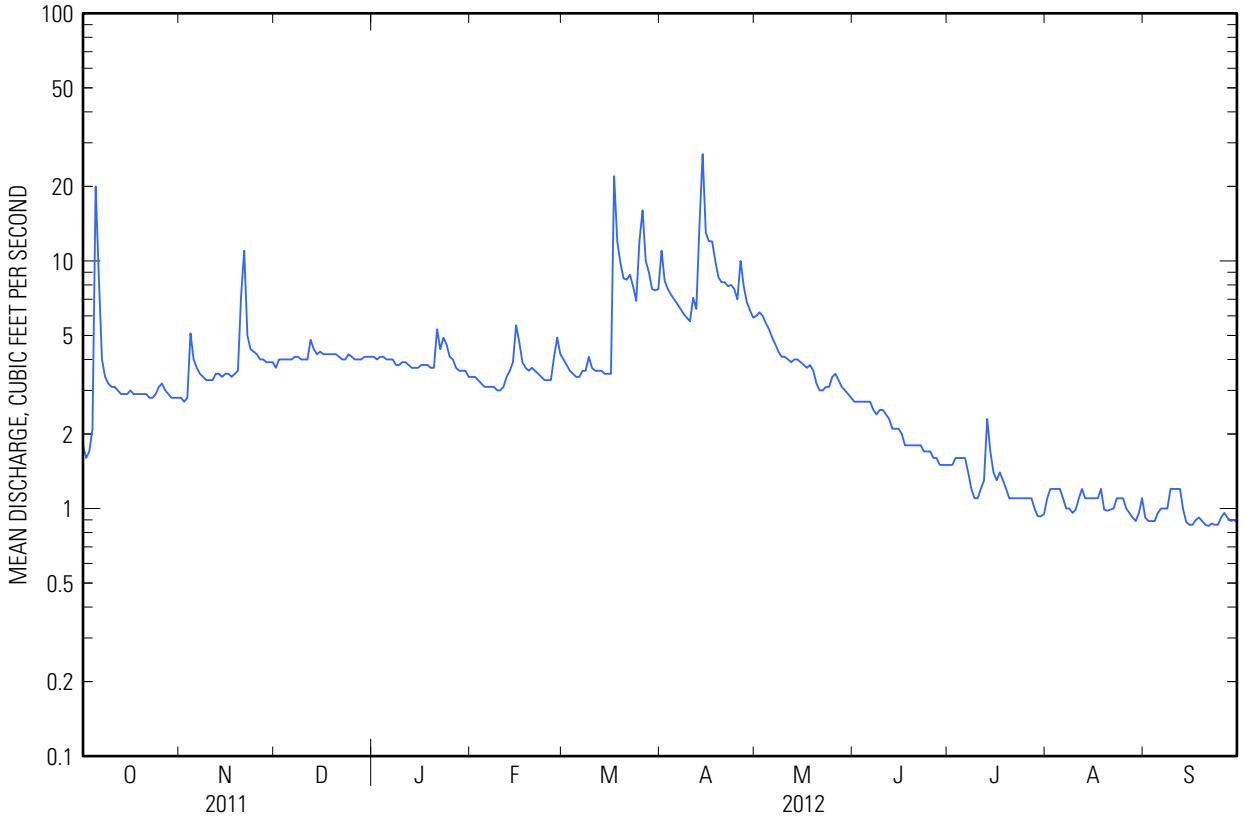
SUMMARY STATISTICS

	Calendar Year 2011		Water Year 2012		Water Years 1951 - 2012	
Annual total	3,676.6		1,352.57			
Annual mean	10.1		3.70		8.67	
Highest annual mean					44.4	1969
Lowest annual mean					0.81	2002
Highest daily mean	90	Feb 26	27	Apr 14	1,840	Jan 25, 1969
Lowest daily mean	1.6	Oct 2	0.85	Sep 21	0.00	Nov 12, 1964
Annual seven-day minimum	1.8	Sep 27	0.87	Sep 18	0.00	Nov 15, 1988
Maximum peak flow			27	Apr 14	5,740	Dec 22, 2010
Annual runoff (ac-ft)	7,290		2,680		6,280	
10 percent exceeds	25		7.1		15	
50 percent exceeds	5.7		3.4		2.4	
90 percent exceeds	2.4		1.0		0.60