



Water-Data Report 2012

**11119750 Mission Creek near Mission Street, at Santa Barbara, CA**

Mission Creek Basin

LOCATION.--Lat 34°25'35", long 119°43'20" referenced to North American Datum of 1983, Santa Barbara County, CA, Hydrologic Unit 18060013, in Pueblo Lands of Santa Barbara, on left bank, 200 ft downstream from Los Olivos Street, in Santa Barbara.

DRAINAGE AREA.--8.38 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 1970 to September 2011. October 2011 to September 2012 (discharge measurements only).

REMARKS.--The streamgage was not operational during Water Year 2012 due to channel modifications for fish passage and habitat enhancement. At times water is released to creek for ground-water recharge from Gibraltar Reservoir through Mission Tunnel several miles upstream.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,090 ft<sup>3</sup>/s, Feb. 23, 1998, gage height, 5.67 ft, from rating curve extended above 41 ft<sup>3</sup>/s, on basis of computation of flow in concrete-lined channel, maximum gage height, 6.60 ft, Jan. 10, 1995; no flow most of each year.

**DISCHARGE MEASUREMENTS  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Date	Discharge, in ft <sup>3</sup> /s	Gage height, in ft
Oct 4, 2011	0.000	0.66
Nov 7, 2011	0.000	0.66
Dec 8, 2011	0.000	0.75
Dec 9, 2011	0.000	---
Dec 13, 2011	0.000	---
Jan 23, 2012	1.59	---
Feb 1, 2012	0.000	---
Feb 22, 2012	0.000	---
Mar 20, 2012	0.000	---
Apr 17, 2012	0.000	---
Apr 18, 2012	0.000	---
Apr 19, 2012	0.000	---
Jul 9, 2012	0.000	---
Sep 4, 2012	0.000	---

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 2011, BY WATER YEAR (WY)**

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	0.32	0.90	3.09	9.93	13.4	8.83	2.35	0.88	0.14	0.02	0.03	0.10
<b>Max</b>	3.57	14.0	22.6	93.7	176	62.3	17.8	11.3	1.97	0.49	1.08	1.37
<b>(WY)</b>	(2010)	(1973)	(2011)	(2005)	(1998)	(1978)	(2006)	(1998)	(1998)	(1983)	(1983)	(1983)
<b>Min</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>(WY)</b>	(1971)	(1975)	(1973)	(2004)	(1972)	(1972)	(1972)	(1972)	(1971)	(1971)	(1971)	(1971)

**11119750 Mission Creek near Mission Street, at Santa Barbara, CA—Continued****SUMMARY STATISTICS**

	<b>Water Years 1971 - 2011</b>	
<b>Annual mean</b>	3.28	
<b>Highest annual mean</b>	18.4	1998
<b>Lowest annual mean</b>	0.12	2007
<b>Highest daily mean</b>	1,390	Jan 10, 1995
<b>Lowest daily mean</b>	0.00	Oct 1, 1970
<b>Annual seven-day minimum</b>	0.00	Oct 1, 1970
<b>Maximum peak flow</b>	3,090	Feb 23, 1998
<b>Maximum peak stage</b>	6.60	Jan 10, 1995
<b>Annual runoff (ac-ft)</b>	2,380	
<b>10 percent exceeds</b>	3.4	
<b>50 percent exceeds</b>	0.00	
<b>90 percent exceeds</b>	0.00	