

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

Mission Creek Basin

LOCATION.--(REVISED) Lat 34°25'39", long 119°43'31" referenced to North American Datum of 1983, Santa Barbara County, CA, Hydrologic Unit 18060013, in Pueblo Lands of Santa Barbara Grant, on right bank, upstream side of West Pueblo Bridge, 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 December 2012 (discharge measurements only). January 2013 to September 2013.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 140 ft above NGVD of 1929. Prior to January 2013, stilling well gage 700 ft downstream at different site and datum.

REMARKS.--No flow from Jan. 9 to Sept. 30. The streamgage was not operational from October 2011 to December 2012 due to channel modifications for fish passage and habitat enhancement. At times water is released to the creek for groundwater 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 2012 TO DECEMBER 2012**

Date	Discharge, in ft <sup>3</sup> /s	Gage height, in ft
Oct 11, 2012	0.000	---
Nov 15, 2012	0.000	---
Nov 29, 2012	0.30	---
Dec 17, 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, near 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	