

Water-Data Report 2007

08178700 Salado Creek at Loop 410, San Antonio, TX

San Antonio Basin
Upper San Antonio Subbasin

LOCATION.--Lat 29°30'57", long 98°25'51" referenced to North American Datum of 1927, Bexar County, TX, Hydrologic Unit 12100301, on right bank at downstream side of eastbound bridge on Interstate Highway 410 in San Antonio, 1.0 mi west of Northeast School, 1.1 mi upstream from Perrin-Beitel Creek, and 2.7 mi east of San Antonio International Airport.

DRAINAGE AREA.--137 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Sept. 1960 to Dec. 5, 2006 (discontinued). Prior to Oct. 2000, published as "(Upper Station) at San Antonio". Water-quality records: Chemical data: Nov. 1968 to May 1999. Biochemical data: Nov. 1968 to May 1999. Pesticide data: Nov. 1971 to Sept. 1973.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 684.60 ft above NGVD of 1929. Satellite telemeter at station.

REMARKS.--Records good. Some diversions for irrigation upstream from gage. No flow at times. Station discontinued due to major highway construction.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1853, 23 to 24 ft in Oct. 1913. Flood in Sept. 1921 reached a stage of 18 ft, and flood of Sept. 27, 1946, reached a stage of 18.2 ft.

08178700 Salado Creek at Loop 410, San Antonio, TX—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	---	---	---	---	---	---	---	---	---
2	0.00	0.00	0.00	---	---	---	---	---	---	---	---	---
3	0.00	0.00	0.00	---	---	---	---	---	---	---	---	---
4	0.00	0.00	0.00	---	---	---	---	---	---	---	---	---
5	0.00	0.00	0.00	---	---	---	---	---	---	---	---	---
6	0.00	4.6	---	---	---	---	---	---	---	---	---	---
7	0.00	0.56	---	---	---	---	---	---	---	---	---	---
8	0.00	0.09	---	---	---	---	---	---	---	---	---	---
9	0.00	0.00	---	---	---	---	---	---	---	---	---	---
10	16	0.00	---	---	---	---	---	---	---	---	---	---
11	5.7	0.00	---	---	---	---	---	---	---	---	---	---
12	0.75	0.00	---	---	---	---	---	---	---	---	---	---
13	0.10	0.00	---	---	---	---	---	---	---	---	---	---
14	0.04	0.00	---	---	---	---	---	---	---	---	---	---
15	0.01	0.00	---	---	---	---	---	---	---	---	---	---
16	3.7	0.00	---	---	---	---	---	---	---	---	---	---
17	0.59	0.00	---	---	---	---	---	---	---	---	---	---
18	23	0.00	---	---	---	---	---	---	---	---	---	---
19	39	0.00	---	---	---	---	---	---	---	---	---	---
20	3.4	0.00	---	---	---	---	---	---	---	---	---	---
21	0.56	0.00	---	---	---	---	---	---	---	---	---	---
22	0.14	0.00	---	---	---	---	---	---	---	---	---	---
23	0.03	0.00	---	---	---	---	---	---	---	---	---	---
24	0.00	0.00	---	---	---	---	---	---	---	---	---	---
25	7.1	0.00	---	---	---	---	---	---	---	---	---	---
26	1.6	0.00	---	---	---	---	---	---	---	---	---	---
27	0.19	0.00	---	---	---	---	---	---	---	---	---	---
28	0.01	0.00	---	---	---	---	---	---	---	---	---	---
29	0.00	0.00	---	---	---	---	---	---	---	---	---	---
30	0.00	0.07	---	---	---	---	---	---	---	---	---	---
31	0.00	---	---	---	---	---	---	---	---	---	---	---
Total	101.92	5.32	---	---	---	---	---	---	---	---	---	---
Mean	3.29	0.18	---	---	---	---	---	---	---	---	---	---
Max	39	4.6	---	---	---	---	---	---	---	---	---	---
Min	0.00	0.00	---	---	---	---	---	---	---	---	---	---
Ac-ft	202	11	---	---	---	---	---	---	---	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 2007, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	26.0	14.9	7.61	6.83	4.76	4.85	8.44	32.1	20.5	22.3	3.52	11.8
Max	771	319	155	173	71.0	93.7	116	576	151	679	49.5	187
(WY)	(1999)	(2005)	(1992)	(1968)	(1992)	(1992)	(1991)	(1993)	(1987)	(2002)	(2001)	(1973)
Min	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
(WY)	(1992)	(2006)	(1962)	(1996)	(2006)	(1962)	(1984)	(1961)	(1984)	(1984)	(1986)	(1960)

08178700 Salado Creek at Loop 410, San Antonio, TX—Continued

SUMMARY STATISTICS

	Water Years 1960 - 2007	
Annual mean	13.8	
Highest annual mean	68.4	2002
Lowest annual mean	0.27	1962
Highest daily mean	11,600	Oct 17, 1998
Lowest daily mean	0.00	Sep 1, 1960
Annual seven-day minimum	0.00	Sep 1, 1960
Maximum peak flow	64,400	Oct 17, 1998
Maximum peak stage	22.40	Oct 17, 1998
Annual runoff (ac-ft)	9,980	
10 percent exceeds	8.0	
50 percent exceeds	0.57	
90 percent exceeds	0.00	

ⁱ From indirect measurement of peak flow.

^a From floodmark.

