



Water-Data Report 2008

08164800 Placedo Creek near Placedo, TX

Central Texas Coastal Basin
West Matagorda Bay Subbasin

LOCATION.--Lat 28°43'30", long 96°46'07" referenced to North American Datum of 1927, Victoria County, TX, Hydrologic Unit 12100402, on right bank at downstream end of bridge on Farm Road 616, 0.1 mi downstream from confluence of Lone Tree Creek and Arroyo Palo Alto, 1.2 mi upstream from Ninemile Creek, and 4.4 mi northeast of Placedo.

DRAINAGE AREA.--68.3 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--June 1970 to current year.

PERIOD OF RECORD, Water-Quality.--

CHEMICAL DATA: Feb. 1968 to Aug. 1979.

BIOCHEMICAL DATA: Feb. 1968 to Aug. 1979.

PESTICIDE DATA: Oct. 1968 to Sept. 1979.

GAGE.--Water-stage recorder. Datum of gage is 5.58 ft above NGVD of 1929. Satellite telemeter at station.

REMARKS.--Records fair. No known regulation or diversions. No flow at times. Some records listed in the "Period of Record" for surface water and water quality may not be available electronically.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since 1930, 31.9 ft in Sept. 1967 and 30.4 ft in 1960 (probably Oct.), from information by local resident.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,900 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 7	0900	*636	*15.05

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES
[*e*, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.6	2.2	e1.9	1.6	2.9	1.7	2.0	3.1	0.75	2.0	0.60	12
2	4.3	2.2	e1.9	1.6	2.7	1.6	1.8	2.2	0.72	2.2	0.62	3.7
3	3.2	2.2	e1.9	1.6	2.7	1.7	1.8	1.8	0.69	1.5	0.61	2.0
4	2.9	2.1	e1.8	1.7	2.6	1.5	1.8	1.4	0.76	5.7	0.55	1.5
5	2.8	2.1	e1.8	1.7	2.4	1.5	1.8	1.5	0.85	2.2	0.51	1.3
6	2.7	2.1	1.8	1.7	2.2	7.0	1.6	1.5	0.93	1.6	0.51	1.2
7	3.0	2.0	1.9	1.7	2.1	377	1.6	1.4	0.99	1.2	0.47	1.1
8	4.0	2.0	1.9	1.7	2.1	104	1.6	1.4	0.97	0.94	0.47	1.1
9	19	2.1	1.9	1.6	2.1	34	1.5	1.3	0.93	0.83	0.44	1.0
10	8.3	2.1	1.9	1.5	2.1	33	1.5	1.2	0.90	0.76	1.2	0.95
11	3.9	2.0	1.9	1.4	2.1	196	1.5	1.2	0.88	5.2	0.79	0.89
12	2.8	2.0	1.9	1.5	2.4	63	1.3	1.1	0.81	7.5	0.58	0.85
13	2.6	2.0	1.8	1.5	2.0	26	1.3	1.2	0.77	3.0	0.61	0.76
14	2.5	2.0	1.8	1.4	1.9	16	1.2	1.2	0.76	1.4	0.67	0.86
15	2.7	1.9	2.0	1.6	1.9	9.5	1.3	1.2	0.77	0.99	0.91	1.1
16	16	1.9	1.7	4.0	2.0	5.6	1.3	1.1	0.68	0.77	1.3	7.1
17	18	2.0	1.7	4.0	2.3	4.0	1.3	1.3	0.64	0.98	1.6	16
18	9.2	2.8	1.8	2.1	2.1	3.4	1.5	1.2	0.61	0.92	1.7	7.5
19	4.3	2.2	1.8	62	1.9	3.2	1.3	1.0	0.59	0.84	191	4.0
20	2.7	2.1	1.8	75	2.1	2.6	1.2	0.97	0.57	0.69	70	2.1
21	2.3	2.0	1.6	29	3.4	2.6	1.3	0.97	0.60	0.58	89	1.3
22	4.4	2.2	1.6	133	25	2.5	1.3	0.95	0.78	0.74	91	0.94
23	5.0	2.0	1.5	101	15	2.4	1.2	0.94	0.73	1.3	26	0.78
24	3.2	3.6	1.6	106	7.7	2.2	1.1	0.91	0.64	1.9	12	0.82
25	2.5	3.5	1.7	83	4.2	2.3	1.2	0.85	0.64	1.2	7.7	0.76
26	2.3	2.4	1.7	42	2.7	2.2	4.0	0.83	0.56	1.0	4.3	0.66
27	2.3	e2.0	1.7	23	1.9	2.2	16	0.79	0.55	0.79	3.2	0.57
28	2.3	e1.9	1.9	12	1.7	2.2	22	0.80	0.50	0.68	4.1	0.57
29	2.3	e1.9	1.7	7.7	1.7	2.1	11	0.79	0.46	0.60	2.9	0.54
30	2.3	e1.9	1.7	4.7	---	2.1	5.7	0.77	0.58	0.56	1.9	0.50
31	2.3	---	1.7	3.7	---	2.0	---	0.73	---	0.88	47	---
Total	153.7	65.4	55.3	716.0	107.9	917.1	95.0	37.60	21.61	51.45	564.24	74.45
Mean	4.96	2.18	1.78	23.1	3.72	29.6	3.17	1.21	0.72	1.66	18.2	2.48
Max	19	3.6	2.0	133	25	377	22	3.1	0.99	7.5	191	16
Min	2.3	1.9	1.5	1.4	1.7	1.5	1.1	0.73	0.46	0.56	0.44	0.50
Ac-ft	305	130	110	1,420	214	1,820	188	75	43	102	1,120	148

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1970 - 2008, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	71.1	77.1	37.6	40.4	47.1	45.6	54.4	92.4	84.8	64.8	14.6	98.6
Max	291	593	389	262	455	516	541	501	510	559	107	913
(WY)	(1998)	(1999)	(1992)	(1991)	(1992)	(1997)	(1991)	(2004)	(1973)	(1990)	(1972)	(1978)
Min	0.00	0.02	0.02	0.05	0.00	0.09	0.02	0.17	0.00	0.03	0.01	0.01
(WY)	(1990)	(1989)	(1990)	(1990)	(1994)	(1989)	(1989)	(1996)	(1989)	(1989)	(1988)	(1988)

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	Calendar Year 2007	Water Year 2008	Water Years 1970 - 2008	
Annual total	30,810.8	2,859.75		
Annual mean	84.4	7.81	60.5	
Highest annual mean			154	1992
Lowest annual mean			1.20	1989
Highest daily mean	1,740	Mar 31	377	Mar 7
Lowest daily mean	1.1	Mar 4	0.44	Aug 9
Annual seven-day minimum	1.2	Feb 28	0.51	Aug 3
Maximum peak flow			636	Mar 7
Maximum peak stage			15.05	Mar 7
Annual runoff (ac-ft)	61,110		5,670	
10 percent exceeds	295		9.3	
50 percent exceeds	3.8		1.8	
90 percent exceeds	1.7		0.71	

