

Water-Data Report 2011

08072760 Langham Creek at West Little York Road near Addicks, TX

San Jacinto Basin
Buffalo-San Jacinto Subbasin

LOCATION.--Lat 29°52'01", long 95°38'47" referenced to North American Datum of 1927, Harris County, TX, Hydrologic Unit 12040104, on left bank at bridge on West Little York Road, 2.1 mi downstream from Dinners Creek, and 5.7 mi north of Addicks.

DRAINAGE AREA.--24.6 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--July 1977 to Sept. 1980 (daily mean discharge), Oct. 1980 to Sept. 1982 (peak discharges greater than base discharge and annual maximum), Oct. 1982 to Sept. 1989 (annual maximum), Oct. 1989 to Nov. 2001 (peak discharges greater than base discharge), Dec. 2001 to current year (daily mean discharge).

PERIOD OF RECORD, Water-Quality.--

CHEMICAL DATA: June 1978 to Aug. 1981.

BIOCHEMICAL DATA: June 1978 to Aug. 1981.

BIOLOGICAL DATA: June 1978 to Aug. 1981.

PESTICIDE DATA: Nov. 1978 to Apr. 1979.

GAGE.--Water-stage recorder. Datum of gage is NAVD 1988, 2001 adjustment. Prior to Oct. 1, 2008, datum of gage 90.00 ft above NGVD of 1929, 1973 adjustment (84.69 ft above current datum). Satellite telemeter at station.

REMARKS.--Records fair including those for estimated daily discharges. No known regulation or diversion. Major channel rectification completed in the summer of 1998 and again in the summer of 2000. Some records listed in the "Period of Record" for surface water and water quality may not be available electronically.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,100 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jan 4	2330	*468	*100.98

08072760 Langham Creek at West Little York Road near Addicks, TX—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.2	6.0	6.4	6.1	17	5.3	5.0	5.8	6.5	5.0	e6.1	6.0
2	5.3	12	5.2	5.7	12	5.1	5.1	5.8	6.0	5.3	e5.6	5.9
3	5.5	16	5.2	5.5	11	5.0	5.2	5.2	6.2	5.6	e5.8	5.7
4	5.4	7.2	5.5	76	11	5.2	5.4	5.2	6.6	5.3	e6.2	5.9
5	5.3	5.8	5.5	148	12	5.7	4.8	5.3	7.0	5.4	5.7	6.0
6	5.4	5.3	5.5	14	12	5.2	4.9	5.4	6.8	5.3	5.8	6.0
7	5.4	5.6	5.6	7.5	10	5.2	4.9	5.2	6.7	5.9	e5.9	5.9
8	5.3	5.5	6.3	6.4	10	5.3	5.1	5.5	6.8	5.6	e5.9	5.8
9	5.3	5.3	5.5	111	17	5.0	5.1	5.8	7.5	5.2	6.1	5.4
10	5.5	5.3	5.5	24	14	4.8	5.3	5.6	7.5	5.3	6.4	5.6
11	5.4	5.4	5.9	9.0	12	5.1	5.5	5.7	7.8	5.3	6.2	6.2
12	5.1	5.7	5.6	7.1	11	5.2	4.9	18	7.5	5.2	6.2	6.0
13	5.2	7.3	5.6	7.7	11	5.3	4.9	15	7.6	5.2	6.3	5.7
14	5.3	8.3	5.5	6.6	11	47	5.2	6.8	7.4	5.0	6.6	5.6
15	5.4	15	6.2	6.1	11	23	5.2	5.9	7.5	5.3	6.7	5.9
16	5.3	5.9	5.7	34	11	10	4.9	5.9	7.4	5.3	6.3	6.2
17	5.7	5.2	5.6	46	11	6.8	5.2	5.6	7.4	5.4	6.6	13
18	6.2	5.1	5.7	11	11	5.6	5.4	5.7	7.2	5.6	6.0	68
19	5.9	5.3	5.6	8.7	9.4	5.3	5.2	5.6	7.5	5.8	6.2	61
20	5.5	5.3	6.1	7.9	9.1	5.3	5.4	5.9	8.3	7.3	6.5	11
21	5.6	5.6	5.3	7.8	9.1	5.3	5.3	5.9	7.9	6.5	6.6	6.7
22	5.6	5.6	5.3	8.1	8.6	5.8	5.0	6.2	93	14	6.6	6.4
23	5.7	5.4	7.2	8.8	7.6	5.6	5.0	6.5	30	7.6	6.0	6.1
24	6.0	5.5	29	117	6.8	5.5	5.2	6.3	11	6.1	6.5	6.1
25	5.8	5.9	29	37	6.5	5.7	5.3	6.0	7.0	46	14	6.2
26	5.5	10	7.5	14	5.8	5.5	5.7	6.6	5.8	45	7.8	6.3
27	5.6	6.1	5.9	10	5.7	5.4	5.2	6.2	5.7	6.9	6.9	6.0
28	5.9	5.8	5.6	9.0	5.5	5.2	5.0	6.1	5.4	6.0	6.3	6.1
29	5.4	12	55	8.7	---	5.0	5.5	6.3	5.1	7.4	6.2	52
30	5.8	6.7	24	9.6	---	6.2	5.4	6.4	5.1	7.2	5.8	30
31	5.8	---	8.2	9.7	---	5.1	---	6.7	---	6.1	6.0	---
Total	171.3	211.1	295.7	788.0	289.1	230.7	155.2	204.1	319.2	268.1	201.8	378.7
Mean	5.53	7.04	9.54	25.4	10.3	7.44	5.17	6.58	10.6	8.65	6.51	12.6
Max	6.2	16	55	148	17	47	5.7	18	93	46	14	68
Min	5.1	5.1	5.2	5.5	5.5	4.8	4.8	5.2	5.1	5.0	5.6	5.4

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 2011 ^b, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	40.5	51.6	22.0	36.0	28.5	17.0	40.5	29.2	38.1	47.1	21.4	41.8
Max	140	174	44.9	81.2	108	67.7	270	101	141	181	80.2	140
(WY) (2003)	(2005)	(2006)	(1979)	(2005)	(2007)	(2009)	(2004)	(2004)	(2004)	(2006)	(2002)	(1979)
Min	0.99	1.20	1.52	4.87	3.89	1.50	0.03	0.64	3.07	4.60	1.52	5.09
(WY)	(1978)	(1978)	(1978)	(2002)	(2002)	(1978)	(1978)	(1978)	(1979)	(1980)	(1980)	(1977)

08072760 Langham Creek at West Little York Road near Addicks, TX—Continued**SUMMARY STATISTICS**

	Calendar Year 2010	Water Year 2011	Water Years 1977 - 2011 ^h	
Annual total	8,981.0	3,513.0		
Annual mean	24.6	9.62	35.3	
Highest annual mean			57.8	2007
Lowest annual mean			9.62	2011
Highest daily mean	956	Jul 2	148	Jan 5
Lowest daily mean	4.0	Jun 14	4.8	Mar 10
Annual seven-day minimum	4.5	Jun 13	5.0	Apr 1
Maximum peak flow			468	Jan 4
Maximum peak stage			100.98	Jan 4
10 percent exceeds	46		12	71
50 percent exceeds	6.2		5.9	5.8
90 percent exceeds	4.9		5.2	0.80

^h See Period of Record paragraph.

