



Water-Data Report 2011

08074598 Whiteoak Bayou at Main Street, Houston, TX

San Jacinto Basin
Buffalo-San Jacinto Subbasin

LOCATION.--Lat 29°45'59", long 95°21'30" referenced to North American Datum of 1927, Harris County, TX, Hydrologic Unit 12040104, on right bank at Main street bridge, 700 ft upstream from Buffalo Bayou and 3.0 mi downstream from Whiteoak Bayou at Houston (station 08074500).

DRAINAGE AREA.--127 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Nov. 1992 to current year.

PERIOD OF RECORD, Water-Quality.--

CHEMICAL DATA: May 1993 to June 1993.

BIOCHEMICAL DATA: May 1993 to June 1993.

BIOLOGICAL DATA: May 1993 to June 1993.

PERIOD OF DAILY RECORD, Water-Quality.--

SPECIFIC CONDUCTANCE: May 1992 to Sept. 1997.

WATER TEMPERATURE: May 1992 to Sept. 1997.

DISSOLVED OXYGEN: May 1992 to Sept. 1997.

GAGE.--Water-stage recorder. Datum of gage is NAVD 1988, 2001 adjustment. Prior to Oct. 1, 2008, datum of gage NGVD of 1929, 1978 adjustment, unadjusted for land-surface subsidence (2.54 ft above current datum). Satellite telemeter at station.

REMARKS.--Records good. No known regulation or diversions. Stage is affected by tidal fluctuations and local runoff. Some records listed in the "Period of Record" for surface water and water quality may not be available electronically.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height 36.05 ft, June 9, 2001 (adjusted to current datum); minimum gage height, -4.11 ft, Aug. 14, 1994 (adjusted to current datum).

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.24 ft, Dec. 29; minimum gage height, -2.19 ft, Dec. 13.

08074598 Whiteoak Bayou at Main Street, Houston, TX—Continued
GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	2.02	0.02	1.85	0.22	1.04	-1.23	2.03	-0.60	2.01	-1.42	1.19	-1.27
2	2.11	0.04	4.96	0.22	1.60	-0.23	1.37	-0.98	-0.26	-2.18	1.56	0.00
3	2.04	0.05	1.40	-0.19	1.43	-0.42	1.72	-0.27	0.67	-1.34	2.33	0.57
4	1.93	0.09	0.64	-1.63	1.36	-0.66	3.69	0.01	0.67	-1.22	1.83	0.74
5	2.02	0.33	1.09	-1.49	1.27	-1.33	3.10	-0.12	0.52	-0.77	2.14	-0.91
6	1.89	0.32	1.49	-0.66	1.36	-0.77	1.28	-0.71	1.13	-0.06	1.49	-0.98
7	1.85	-0.10	1.35	-0.73	1.54	-0.48	1.03	-0.61	1.00	-1.74	2.67	0.62
8	1.70	-0.29	1.52	-0.47	2.71	-0.42	1.04	-0.49	2.33	-1.02	2.55	1.31
9	1.76	-0.34	1.73	-0.05	1.52	-0.10	4.92	1.04	2.31	-0.98	1.41	-0.03
10	1.76	-0.03	1.97	0.07	1.68	0.15	1.73	0.03	0.53	-1.98	0.37	-1.04
11	2.00	0.36	1.95	0.47	1.84	0.17	0.74	-0.31	0.87	-0.96	1.76	-0.70
12	2.07	-0.10	2.10	0.34	0.58	-2.16	0.59	-0.59	0.86	-0.90	1.73	-0.03
13	1.71	-0.37	1.71	-0.14	0.31	-2.19	1.02	-0.58	0.83	-1.12	1.62	-0.24
14	1.00	-0.06	1.44	0.46	1.33	-0.19	1.33	-0.51	0.75	-0.98	1.64	-0.33
15	1.62	0.05	2.10	1.16	1.75	-0.49	1.43	-0.29	1.02	-0.78	1.55	-0.48
16	1.60	0.06	1.87	-0.11	1.24	-0.19	2.98	-0.06	1.26	-0.48	1.82	-0.07
17	1.51	0.04	2.13	0.73	1.47	-0.41	2.31	0.10	1.46	-0.18	1.70	0.28
18	1.64	0.18	1.45	-0.78	1.48	-0.64	1.73	-0.42	1.36	-0.14	1.81	0.43
19	1.83	0.73	1.99	-0.12	1.87	-0.17	1.45	-0.94	0.92	-0.41	1.79	0.42
20	1.63	0.35	2.21	0.12	2.03	0.05	1.85	-0.71	1.44	0.04	2.10	0.54
21	1.73	-0.01	2.43	0.58	2.00	-0.56	0.70	-1.38	1.60	0.09	2.02	0.36
22	2.49	0.76	2.51	0.75	1.32	-0.80	1.05	-0.53	1.17	-0.46	2.13	-0.04
23	2.83	1.21	2.64	0.40	1.42	-0.46	1.51	0.32	1.27	-0.63	1.91	0.01
24	2.77	0.51	2.58	0.65	2.43	0.17	3.44	0.81	1.62	-0.15	2.06	-0.48
25	2.51	0.60	2.76	0.82	2.29	-2.17	2.63	-0.24	1.38	-0.50	1.88	-0.19
26	2.81	0.65	1.95	-1.12	0.43	-1.67	0.91	-0.60	1.43	-0.60	2.12	-0.12
27	2.23	0.27	1.73	0.33	1.51	0.11	0.88	-0.78	1.92	0.16	1.82	-0.08
28	1.95	-0.98	2.24	1.19	1.83	0.52	0.63	-1.27	1.70	-0.22	1.44	-0.42
29	1.32	0.01	2.85	1.39	12.24	-0.07	0.87	-1.31	---	---	1.79	0.47
30	2.20	-0.05	1.93	-1.13	6.09	0.91	1.24	-0.71	---	---	1.11	-0.89
31	1.95	0.09	---	---	2.21	0.33	1.67	-0.60	---	---	1.34	0.16
Month	2.83	-0.98	4.96	-1.63	12.24	-2.19	4.92	-1.38	2.33	-2.18	2.67	-1.27

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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	1.39	0.39	2.97	1.17	1.84	0.04	2.19	0.20	1.87	0.06	2.55	0.62
2	1.71	0.30	2.35	-0.23	1.50	-0.40	1.75	-0.11	1.53	0.21	2.89	1.45
3	1.81	0.25	0.64	-1.09	2.33	0.05	1.61	-0.39	1.53	0.41	2.99	-2.11
4	2.24	-0.68	2.13	-0.72	2.09	0.26	1.71	-0.10	1.55	0.40	-1.04	-2.18
5	1.07	-1.39	1.86	0.32	1.43	-0.12	1.71	0.08	1.58	0.15	-0.25	-2.18
6	2.26	0.13	1.73	-0.10	2.30	-0.25	2.56	0.43	1.64	0.02	1.80	-0.86
7	2.12	0.09	2.07	-0.34	1.93	0.22	1.84	0.50	1.68	-0.02	1.85	0.10
8	2.07	0.08	2.12	0.02	2.15	0.57	1.67	0.18	1.72	-0.09	1.78	0.15
9	2.09	0.38	2.38	0.51	2.36	0.95	1.87	0.11	1.68	-0.11	1.89	0.10
10	2.63	0.82	2.48	0.77	2.14	0.59	2.04	0.09	1.57	-0.23	1.91	0.36
11	2.49	0.51	3.08	1.28	1.95	0.26	1.87	0.06	1.78	-0.42	1.77	0.40
12	1.50	-0.78	2.24	1.08	2.05	0.26	1.84	-0.16	1.59	-0.08	1.57	0.37
13	2.01	0.24	2.16	0.04	1.97	0.02	1.69	-0.43	1.60	-0.07	1.42	0.44
14	2.18	0.75	0.85	-0.44	1.92	0.05	1.76	-0.33	1.32	-0.12	1.27	0.29
15	1.95	0.08	1.57	-0.84	2.02	-0.13	1.53	-0.35	1.32	-0.13	1.55	-0.21
16	0.60	-0.56	1.42	-0.29	1.96	-0.24	1.71	-0.28	1.27	0.16	1.98	0.51
17	2.45	-0.73	2.28	-0.28	2.20	0.10	1.59	-0.01	1.29	0.23	1.72	0.67
18	2.58	0.73	2.62	0.38	2.12	-0.02	1.50	0.03	1.11	0.31	2.13	0.48
19	2.63	0.30	3.13	0.78	1.96	0.19	1.92	0.33	1.37	0.21	2.78	0.39
20	2.34	0.39	3.47	1.19	2.35	0.69	2.10	0.90	1.60	0.38	1.72	0.46
21	2.52	-0.05	2.83	1.09	2.74	1.08	1.50	0.55	1.67	0.22	1.90	0.22
22	2.62	0.47	2.72	0.83	2.56	0.82	1.65	0.45	1.62	-0.19	1.83	0.33
23	2.72	0.58	2.63	1.20	2.28	0.73	1.72	0.38	1.57	-0.14	1.80	0.29
24	2.88	1.15	2.64	1.17	2.66	0.69	1.61	-0.10	1.66	-0.03	2.15	0.30
25	2.98	1.30	2.49	0.92	2.42	0.70	1.59	-0.20	2.20	-0.32	2.23	0.67
26	3.26	1.44	1.85	0.19	2.49	0.48	1.58	-0.28	1.70	-0.11	2.21	0.74
27	3.90	0.58	1.80	0.19	2.28	0.48	1.91	-0.14	1.47	-0.21	1.80	0.54
28	1.34	-0.04	2.24	0.78	2.07	0.43	2.29	-0.09	1.66	-0.29	1.76	0.05
29	2.71	0.26	2.78	0.81	2.23	0.37	3.42	0.22	1.81	0.06	2.40	0.08
30	3.24	1.67	3.12	1.41	2.17	0.03	2.43	0.71	1.81	0.20	2.10	-0.40
31	---	---	2.94	0.64	---	---	1.96	0.38	2.03	0.52	---	---
Month	3.90	-1.39	3.47	-1.09	2.74	-0.40	3.42	-0.43	2.20	-0.42	2.99	-2.18

	Max	Min
Year	12.24	-2.19