

Water-Data Report 2011

**07343840 White Oak Creek at IH 30 near Omaha, TX**

Big Cypress-Sulphur Basin  
White Oak Bayou Subbasin

LOCATION.--Lat 33°16'29", long 94°48'09" referenced to North American Datum of 1983, Morris County, TX, Hydrologic Unit 11140303, on downstream left bank of eastbound Interstate Highway 30, 11.8 miles northeast of Mount Pleasant, 4.4 miles southwest of the Highway 259 intersection, and 0.30 miles northeast of the border between Titus and Morris Counties.

DRAINAGE AREA.--748 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Aug. 2010 to current year.

GAGE.--Water-stage recorder. Datum of gage is 240.01 ft above NGVD of 1929. Satellite telemeter at station.

REMARKS.--Records fair except those for daily mean discharges less than 5 ft<sup>3</sup>s, which are poor. Since installation of gage, at least 10% of contributing drainage area has been regulated. There are several small diversions upstream from station for municipal supply. The cities of Sulphur Springs and Mount Vernon discharge wastewater effluent into tributaries above this station. No flow at times.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,000 ft<sup>3</sup>s, May 1, 2011, gage height 17.39 ft; minimum, 0 ft<sup>3</sup>s on many days, minimum gage height, 9.15 ft, Sept. 18, 2011.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1870, 22.9 ft, Mar. 31, 1945 (at site and datum of upstream station 07343500), from floodmarks and from information by local residents.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,000 ft<sup>3</sup>s, May 1, gage height 17.39 ft; minimum, 0 ft<sup>3</sup>s on many days, minimum gage height, 9.15 ft, Sept. 18.

## 07343840 White Oak Creek at IH 30 near Omaha, TX—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**  
**DAILY MEAN VALUES**  
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	---	2.0
2	---	---	---	---	---	---	---	---	---	---	---	2.1
3	---	---	---	---	---	---	---	---	---	---	---	2.4
4	---	---	---	---	---	---	---	---	---	---	---	2.2
5	---	---	---	---	---	---	---	---	---	---	---	1.9
6	---	---	---	---	---	---	---	---	---	---	---	1.6
7	---	---	---	---	---	---	---	---	---	---	---	2.6
8	---	---	---	---	---	---	---	---	---	---	---	4.5
9	---	---	---	---	---	---	---	---	---	---	---	4.6
10	---	---	---	---	---	---	---	---	---	---	---	4.0
11	---	---	---	---	---	---	---	---	---	---	---	3.4
12	---	---	---	---	---	---	---	---	---	---	---	2.6
13	---	---	---	---	---	---	---	---	---	---	---	2.1
14	---	---	---	---	---	---	---	---	---	---	---	1.9
15	---	---	---	---	---	---	---	---	---	---	---	2.2
16	---	---	---	---	---	---	---	---	---	---	---	2.5
17	---	---	---	---	---	---	---	---	---	---	---	2.5
18	---	---	---	---	---	---	---	---	---	---	---	2.5
19	---	---	---	---	---	---	---	---	---	---	---	3.9
20	---	---	---	---	---	---	---	---	---	---	e3.8	4.4
21	---	---	---	---	---	---	---	---	---	---	e3.0	4.0
22	---	---	---	---	---	---	---	---	---	---	2.1	3.5
23	---	---	---	---	---	---	---	---	---	---	1.5	3.1
24	---	---	---	---	---	---	---	---	---	---	1.2	2.6
25	---	---	---	---	---	---	---	---	---	---	1.2	2.9
26	---	---	---	---	---	---	---	---	---	---	1.3	2.9
27	---	---	---	---	---	---	---	---	---	---	1.3	3.0
28	---	---	---	---	---	---	---	---	---	---	1.2	3.6
29	---	---	---	---	---	---	---	---	---	---	1.5	3.8
30	---	---	---	---	---	---	---	---	---	---	1.8	3.2
31	---	---	---	---	---	---	---	---	---	---	2.4	---
<b>Mean</b>	---	---	---	---	---	---	---	---	---	---	---	2.95
<b>Max</b>	---	---	---	---	---	---	---	---	---	---	---	4.6
<b>Min</b>	---	---	---	---	---	---	---	---	---	---	---	1.6
<b>Ac-ft</b>	---	---	---	---	---	---	---	---	---	---	---	176

## 07343840 White Oak Creek at IH 30 near Omaha, 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	3.0	34	5.6	12	18	373	9.4	990	23	21	1.0	0.00
2	12	e24	6.3	18	30	306	9.2	955	18	13	0.82	0.00
3	14	e36	9.3	21	12	209	8.7	721	15	9.4	0.67	0.00
4	11	33	13	30	44	171	11	416	12	7.6	0.71	0.00
5	7.7	38	14	26	e257	144	12	261	11	6.6	0.68	0.00
6	5.4	35	13	17	338	103	11	183	9.4	5.7	0.54	0.00
7	3.6	75	11	11	240	73	11	202	8.4	5.0	0.44	0.00
8	2.3	217	9.7	8.5	120	57	10	170	6.9	4.8	0.32	0.00
9	1.6	224	8.4	6.8	83	54	12	100	6.2	4.6	0.22	0.00
10	1.2	116	8.9	6.0	106	53	12	62	6.2	4.8	0.14	0.00
11	1.9	43	8.1	5.4	151	49	12	45	8.3	4.8	0.07	0.00
12	3.0	18	7.5	4.7	138	46	11	36	11	4.6	0.06	0.00
13	4.0	8.8	6.7	4.0	103	44	13	29	13	4.4	0.05	0.00
14	4.5	4.6	5.9	3.4	76	45	14	24	12	4.1	0.03	0.00
15	4.3	2.7	4.9	2.8	58	42	15	22	10	4.2	0.02	0.00
16	4.1	1.9	4.5	e48	46	37	15	33	8.5	4.0	0.02	0.00
17	3.8	1.5	4.7	75	39	32	13	94	6.9	3.9	0.01	0.00
18	10	1.4	4.8	30	34	27	12	74	5.6	4.1	0.00	0.00
19	19	1.1	4.9	40	29	24	11	48	4.5	4.1	0.00	0.00
20	18	0.84	5.4	89	26	22	13	35	4.2	4.1	0.00	0.00
21	15	0.74	5.9	140	24	20	16	28	4.1	4.0	0.00	0.00
22	12	0.80	6.1	109	22	17	15	32	4.6	3.9	0.01	0.00
23	10	0.72	6.1	63	21	15	13	87	4.3	3.8	0.01	0.00
24	13	0.58	6.2	36	21	14	11	317	3.8	3.6	0.01	0.00
25	31	0.67	7.1	22	43	13	e24	485	3.5	3.4	0.00	0.00
26	42	1.2	7.6	14	55	13	646	517	3.1	3.0	0.00	0.00
27	161	1.6	7.6	9.3	109	12	841	305	3.1	2.8	0.00	0.00
28	141	1.7	7.9	6.6	283	11	918	105	3.5	2.4	0.00	0.00
29	87	2.2	e16	4.9	---	11	940	56	38	2.2	0.00	0.03
30	74	3.5	15	3.9	---	10	965	39	42	1.8	0.00	0.17
31	53	---	8.4	3.5	---	9.7	---	29	---	1.2	0.00	---
<b>Mean</b>	24.9	31.0	8.08	28.1	90.2	66.3	154	210	10.3	5.06	0.19	0.01
<b>Max</b>	161	224	16	140	338	373	965	990	42	21	1.0	0.17
<b>Min</b>	1.2	0.58	4.5	2.8	12	9.7	8.7	22	3.1	1.2	0.00	0.00
<b>Ac-ft</b>	1,530	1,840	497	1,730	5,010	4,080	9,170	12,890	615	311	12	0.4

07343840 White Oak Creek at IH 30 near Omaha, TX—Continued

