

Water-Data Report 2011

**08068740 Cypress Creek at House-Hahl Road near Cypress, TX**

San Jacinto Basin  
Spring Subbasin

LOCATION.--Lat 29°57'32", long 95°43'03" referenced to North American Datum of 1927, Harris County, TX, Hydrologic Unit 12040102, on right bank at bridge on House-Hahl Road, 1.4 mi southwest of Cypress, and 6.3 mi downstream from Cypress Creek at Katy-Hockley Road near Hockley (station 08068720).

DRAINAGE AREA.--131 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--June 1975 to current year.

PERIOD OF RECORD, Water-Quality.--

CHEMICAL DATA: Jan. 1977 to Aug. 1991.

PESTICIDE DATA: Jan. 1977 to Aug. 1991.

GAGE.--Water-stage recorder. Datum of gage is 100.00 ft above NGVD of 1929. Satellite telemeter at station.

REMARKS.--Records fair. No known regulation. Stage-discharge relation affected by seasonal vegetal growth during most years. Considerable diversions and return flow from irrigation occurs upstream from station, especially during the period Apr. through Oct. 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 about 1908, about 49 ft in 1937, from information by local resident.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 800 ft<sup>3</sup>/s and (or) maximum (\*).

Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
Aug 24	2345	*319	*35.67

**08068740 Cypress Creek at House-Hahl Road near Cypress, TX—Continued**

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**  
**DAILY MEAN VALUES**

<b>Day</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>1</b>	1.5	3.6	0.30	2.2	14	8.1	1.5	2.1	1.5	1.3	0.75	0.57
<b>2</b>	1.5	59	0.70	2.0	3.8	9.1	1.6	2.1	0.38	1.0	0.28	1.2
<b>3</b>	1.6	7.3	1.6	2.7	2.7	14	5.0	1.2	1.1	1.8	0.21	1.4
<b>4</b>	1.7	3.0	1.6	10	2.1	18	1.3	1.8	0.67	1.7	0.16	1.2
<b>5</b>	1.5	1.2	1.6	49	2.3	22	0.57	2.5	1.8	1.5	0.10	1.8
<b>6</b>	1.5	0.86	2.4	9.1	1.7	3.2	1.5	2.0	4.7	1.1	0.19	0.83
<b>7</b>	1.6	1.2	1.7	4.4	1.8	3.1	1.5	3.5	9.3	0.69	0.34	0.23
<b>8</b>	1.6	1.2	2.5	3.2	1.00	2.9	1.4	3.1	2.9	0.72	0.35	0.39
<b>9</b>	1.7	0.99	1.6	88	5.1	3.2	1.1	4.4	2.0	1.1	0.22	0.33
<b>10</b>	2.0	1.2	1.0	25	3.0	4.2	1.9	0.66	0.69	2.1	0.16	0.46
<b>11</b>	2.0	1.1	0.78	11	1.5	6.6	1.8	0.86	2.0	1.7	0.17	0.86
<b>12</b>	2.1	0.93	0.83	14	1.7	14	0.92	24	2.9	3.0	0.13	0.83
<b>13</b>	1.8	2.3	1.6	9.5	1.1	12	1.4	9.0	3.5	6.3	0.33	0.45
<b>14</b>	1.5	1.4	0.56	8.6	1.8	86	1.3	0.92	5.6	1.1	6.1	0.44
<b>15</b>	1.2	13	0.71	8.7	1.4	18	2.3	0.41	3.9	0.61	5.3	0.35
<b>16</b>	1.3	1.4	1.7	26	1.7	26	2.8	1.1	3.8	0.55	0.67	0.50
<b>17</b>	1.6	0.82	1.5	26	2.4	11	3.2	0.20	1.2	1.1	0.04	2.7
<b>18</b>	2.0	0.74	1.2	14	2.1	3.8	2.7	0.21	3.7	1.3	0.19	6.2
<b>19</b>	1.5	0.62	0.69	7.8	2.6	2.3	2.1	0.51	5.6	1.4	0.34	18
<b>20</b>	1.0	0.57	0.89	5.6	3.3	4.5	1.6	0.52	4.5	1.2	0.46	4.9
<b>21</b>	1.1	0.61	0.43	4.8	3.8	0.69	2.4	0.98	4.7	11	0.62	2.5
<b>22</b>	1.5	0.82	0.63	5.1	2.7	1.4	2.6	2.9	81	15	0.51	0.94
<b>23</b>	1.8	0.67	0.69	6.6	2.7	1.9	2.3	0.88	16	1.8	0.28	0.57
<b>24</b>	1.9	0.71	17	33	4.0	1.5	2.0	1.9	7.1	0.85	29	0.60
<b>25</b>	2.0	0.79	21	17	4.0	1.3	2.8	0.77	2.6	0.49	63	1.2
<b>26</b>	1.8	1.4	2.2	9.1	3.4	1.6	2.2	0.80	2.3	0.57	2.0	1.5
<b>27</b>	1.4	0.91	3.2	4.7	6.1	2.9	1.9	0.45	1.9	0.51	0.38	1.3
<b>28</b>	1.2	0.74	2.7	2.9	9.8	3.0	2.1	0.54	1.8	0.22	0.66	11
<b>29</b>	0.91	3.8	20	2.7	---	2.1	1.9	1.1	1.7	0.18	0.67	8.1
<b>30</b>	1.3	0.69	13	3.1	---	26	1.9	2.2	0.58	0.38	0.58	16
<b>31</b>	2.7	---	3.2	3.0	---	1.6	---	3.6	---	0.77	0.69	---
<b>Total</b>	49.81	113.57	109.51	418.8	93.60	315.99	59.59	77.21	181.42	63.04	114.88	87.35
<b>Mean</b>	1.61	3.79	3.53	13.5	3.34	10.2	1.99	2.49	6.05	2.03	3.71	2.91
<b>Max</b>	2.7	59	21	88	14	86	5.0	24	81	15	63	18
<b>Min</b>	0.91	0.57	0.30	2.0	1.0	0.69	0.57	0.20	0.38	0.18	0.04	0.23
<b>Ac-ft</b>	99	225	217	831	186	627	118	153	360	125	228	173

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2011, BY WATER YEAR (WY)**

	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>Mean</b>	87.5	107	87.2	109	107	73.8	81.2	104	108	32.3	16.0	45.5
<b>Max</b>	996	787	336	685	649	430	463	543	625	273	214	537
(WY)	(1999)	(1999)	(1977)	(1979)	(1992)	(2001)	(1991)	(2004)	(1993)	(2007)	(1983)	(1979)
<b>Min</b>	0.95	0.27	0.26	1.65	0.07	1.27	0.16	0.35	0.93	0.25	0.15	0.86
(WY)	(1989)	(1978)	(1989)	(1996)	(1976)	(1986)	(1987)	(1996)	(1988)	(2000)	(2000)	(1988)

**08068740 Cypress Creek at House-Hahl Road near Cypress, TX—Continued****SUMMARY STATISTICS**

	<b>Calendar Year 2010</b>	<b>Water Year 2011</b>	<b>Water Years 1975 - 2011</b>	
<b>Annual total</b>	8,791.40	1,684.77		
<b>Annual mean</b>	24.1	4.62	79.4	
<b>Highest annual mean</b>			255	1979
<b>Lowest annual mean</b>			4.62	2011
<b>Highest daily mean</b>	624	Feb 13	7,640	Oct 20, 1998
<b>Lowest daily mean</b>	0.30	Dec 1	0.00	Mar 3, 1976
<b>Annual seven-day minimum</b>	0.48	Apr 8	0.00	Jan 3, 1978
<b>Maximum peak flow</b>			9,710	Oct 20, 1998
<b>Maximum peak stage</b>			48.45	Oct 20, 1998
<b>Annual runoff (ac-ft)</b>	17,440	3,340	57,560	
<b>10 percent exceeds</b>	56	11	168	
<b>50 percent exceeds</b>	2.7	1.7	5.5	
<b>90 percent exceeds</b>	0.74	0.50	0.45	

