



Water-Data Report 2011

**08075763 Hunting Bayou at Hoffman Street, Houston, TX**

San Jacinto Basin  
Buffalo-San Jacinto Subbasin

LOCATION.--Lat 29°48'31", long 95°18'47" referenced to North American Datum of 1927, Harris County, TX, Hydrologic Unit 12040104, on left bank at downstream side of pedestrian bridge across the stream channel from the end of Hoffman St.

DRAINAGE AREA.--7.21 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Oct. 2006 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD of 1988, 2001 adjustment; unadjusted for land-surface subsidence (levels by the Harris County Flood Control District). Satellite telemeter at station.

COOPERATION.--Gage is operated in cooperation with the Harris County Flood Control District.

REMARKS.--Records fair. No known regulation or diversions. Low flow is largely maintained by wastewater and industrial effluent. The stage-discharge relation is affected by seasonal vegetal growth.

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**08075763 Hunting Bayou at Hoffman Street, Houston, 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>	0.53	0.92	1.2	2.4	6.8	1.4	1.1	0.50	0.11	1.0	1.0	1.4
<b>2</b>	0.56	52	1.2	1.9	3.2	1.4	1.0	0.47	0.09	0.97	0.88	1.5
<b>3</b>	0.56	5.4	1.1	1.7	2.8	1.5	1.1	0.43	0.08	1.0	0.85	1.7
<b>4</b>	0.55	2.3	1.1	3.6	3.7	1.5	1.2	0.44	0.09	1.2	0.81	1.8
<b>5</b>	0.53	1.1	1.1	11	2.9	4.2	1.1	0.43	0.30	1.5	0.79	1.8
<b>6</b>	0.56	0.86	1.1	2.4	2.8	1.9	0.97	0.38	2.2	15	0.96	1.6
<b>7</b>	0.59	1.0	1.2	1.8	2.7	1.5	0.98	0.36	0.96	10	0.80	1.6
<b>8</b>	0.72	0.75	4.0	2.0	2.6	1.6	1.0	0.35	0.42	1.6	0.76	2.2
<b>9</b>	0.57	0.77	1.3	17	8.5	1.5	1.0	0.33	0.17	1.0	0.78	2.2
<b>10</b>	0.57	0.99	1.2	4.4	3.5	1.3	1.0	0.30	0.16	0.86	0.71	2.6
<b>11</b>	0.54	8.8	1.3	3.4	2.5	1.3	1.3	0.34	0.38	0.84	0.72	2.7
<b>12</b>	0.53	2.8	2.7	2.6	2.4	1.3	1.4	1.8	0.48	4.0	0.78	3.1
<b>13</b>	0.56	1.9	2.7	2.5	2.3	1.2	1.1	5.0	0.24	5.3	0.88	3.2
<b>14</b>	0.55	1.1	3.0	2.5	2.2	11	1.1	1.1	0.20	1.2	1.6	3.2
<b>15</b>	0.53	2.3	3.2	2.5	2.2	3.4	1.9	0.48	0.37	1.1	1.5	3.1
<b>16</b>	0.54	1.5	3.4	23	2.2	1.5	1.3	0.34	0.76	1.1	0.85	3.7
<b>17</b>	0.54	1.4	3.2	9.6	2.7	1.3	0.98	0.43	0.98	1.0	0.71	18
<b>18</b>	0.55	1.1	3.1	4.3	2.4	1.3	0.99	0.30	0.76	0.98	0.66	7.5
<b>19</b>	0.61	0.97	3.1	3.6	2.1	1.3	0.97	0.28	0.69	4.5	0.65	32
<b>20</b>	0.58	0.88	3.2	3.7	2.0	1.2	0.89	0.28	0.86	5.3	0.67	5.0
<b>21</b>	0.53	0.90	3.1	3.4	1.9	1.2	0.78	0.24	1.7	2.1	0.65	3.8
<b>22</b>	0.55	1.1	3.0	3.2	1.9	1.2	0.71	0.21	15	1.1	0.72	3.5
<b>23</b>	0.54	32	3.0	3.0	1.8	1.2	0.64	0.15	21	1.6	0.77	1.9
<b>24</b>	0.59	3.2	13	46	1.8	1.2	0.64	0.11	2.6	0.92	0.79	1.8
<b>25</b>	0.55	1.9	12	14	1.7	1.2	0.60	0.10	1.4	0.83	0.71	1.3
<b>26</b>	1.1	3.0	3.3	6.0	1.7	1.2	0.61	0.69	1.3	0.79	0.87	1.2
<b>27</b>	1.2	1.7	3.2	5.6	1.7	1.2	0.59	0.55	1.6	0.80	1.5	1.3
<b>28</b>	0.54	1.3	3.0	4.5	1.5	1.1	0.51	0.18	1.9	0.75	1.6	1.3
<b>29</b>	0.45	1.5	78	4.1	---	1.1	0.68	0.16	2.2	46	1.5	2.3
<b>30</b>	1.0	1.2	16	3.6	---	1.2	0.52	0.15	1.6	9.1	1.5	3.0
<b>31</b>	1.5	---	3.6	3.4	---	1.2	---	0.13	---	2.0	1.3	---
<b>Total</b>	19.82	136.64	184.6	202.7	76.5	55.6	28.66	17.01	60.60	125.44	29.27	121.3
<b>Mean</b>	0.64	4.55	5.95	6.54	2.73	1.79	0.96	0.55	2.02	4.05	0.94	4.04
<b>Max</b>	1.5	52	78	46	8.5	11	1.9	5.0	21	46	1.6	32
<b>Min</b>	0.45	0.75	1.1	1.7	1.5	1.1	0.51	0.10	0.08	0.75	0.65	1.2
<b>Ac-ft</b>	39	271	366	402	152	110	57	34	120	249	58	241

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2007 - 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>	10.2	6.54	5.11	6.68	4.93	4.82	6.77	6.56	5.81	16.1	11.0	13.4
<b>Max</b>	30.1	14.0	8.88	10.2	9.29	9.72	22.4	17.8	18.1	35.6	32.5	39.5
(WY)	(2007)	(2008)	(2010)	(2007)	(2010)	(2007)	(2009)	(2007)	(2007)	(2010)	(2007)	(2008)
<b>Min</b>	0.64	2.35	2.77	1.68	2.73	1.79	0.96	0.55	1.53	4.05	0.94	4.04
(WY)	(2011)	(2007)	(2009)	(2009)	(2011)	(2011)	(2011)	(2011)	(2009)	(2011)	(2011)	(2011)

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	<b>Calendar Year 2010</b>	<b>Water Year 2011</b>	<b>Water Years 2007 - 2011</b>	
<b>Annual total</b>	2,677.14	1,058.14		
<b>Annual mean</b>	7.33	2.90	8.19	
<b>Highest annual mean</b>			14.8	2007
<b>Lowest annual mean</b>			2.90	2011
<b>Highest daily mean</b>	450	Jul 2	707	Sep 13, 2008
<b>Lowest daily mean</b>	0.45	Oct 29	0.08	Jun 3, 2011
<b>Annual seven-day minimum</b>	0.54	Oct 11	0.12	May 29, 2011
<b>Maximum peak flow</b>			312	Dec 29
<b>Maximum peak stage</b>			35.44	Dec 29
<b>Annual runoff (ac-ft)</b>	5,310	2,100	5,940	
<b>10 percent exceeds</b>	11	4.2	13	
<b>50 percent exceeds</b>	2.3	1.3	2.3	
<b>90 percent exceeds</b>	0.76	0.46	0.75	

