



Water-Data Report 2011

08075605 Berry Bayou at Nevada St, Houston, TX

San Jacinto Basin
Buffalo-San Jacinto Subbasin

LOCATION.--Lat 29°39'23", long 95°13'44" referenced to North American Datum of 1927, Harris County, TX, Hydrologic Unit 12040104, on right bank at downstream side of bridge on Nevada Street in southeast Houston, 2.7 mi upstream from mouth of Berry Creek, and 3.6 mi upstream from Sims Bayou.

DRAINAGE AREA.--4.95 mi².

SURFACE-WATER RECORDS

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

GAGE.--Water-stage recorder. Datum of gage 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 including those for estimated daily discharges. No known regulation or diversions. Some records listed in the "Period of Record" for surface water and water quality may not be available electronically.

Water-Data Report 2011

08075605 Berry Bayou at Nevada St, Houston, 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	3.3	4.1	3.2	7.0	9.1	4.1	2.9	3.3	2.8	3.0	3.9	2.9
2	3.4	119	3.4	6.4	7.3	4.0	3.5	3.2	2.6	3.0	3.4	2.9
3	3.4	11	3.2	6.3	7.0	4.0	3.7	3.3	2.8	2.8	3.1	2.9
4	3.1	9.8	3.3	6.8	7.2	4.0	3.4	3.4	2.8	2.6	3.5	2.9
5	3.3	5.0	3.3	10	7.2	5.2	3.3	3.5	3.0	2.6	3.5	3.1
6	3.3	4.4	3.2	7.9	7.0	4.6	3.4	3.4	3.1	4.2	3.4	3.0
7	3.3	4.4	2.9	5.7	6.9	4.3	3.2	3.5	3.2	3.6	3.5	3.0
8	3.2	4.1	4.9	5.7	6.7	4.4	2.8	3.5	3.0	3.3	3.6	2.9
9	3.3	4.0	3.6	15	9.3	4.4	2.9	3.5	2.9	3.1	3.5	2.9
10	3.4	5.0	3.5	7.4	7.6	3.9	3.1	3.4	2.9	3.0	3.2	3.1
11	3.3	20	3.6	5.9	6.1	3.7	2.8	3.4	2.9	3.1	3.1	3.1
12	3.3	7.3	3.5	5.4	e6.4	3.7	3.0	3.4	2.8	2.4	3.6	3.2
13	3.5	6.7	3.3	5.4	e8.8	3.8	3.1	3.5	2.8	2.9	4.0	2.8
14	3.6	4.9	3.2	5.2	e7.8	9.9	3.3	3.0	3.5	2.9	3.6	3.0
15	3.6	4.5	3.5	5.7	6.8	6.1	3.3	3.1	2.9	2.9	3.6	2.8
16	3.6	4.1	3.6	15	6.3	5.2	3.3	3.1	2.9	3.1	3.2	3.1
17	3.7	4.0	3.7	10	5.6	5.2	3.5	3.2	3.0	3.2	3.3	3.2
18	3.4	3.6	4.1	7.0	5.0	4.2	3.6	3.0	3.0	3.0	2.9	8.0
19	3.3	3.4	4.1	7.1	4.8	3.9	3.2	3.0	3.0	4.4	2.9	12
20	3.2	3.6	3.9	6.2	5.4	3.8	3.2	3.0	3.1	4.3	3.4	3.5
21	3.4	3.6	4.2	5.6	4.6	3.7	3.5	2.5	3.4	3.6	3.5	2.6
22	3.6	3.5	4.3	6.3	4.9	3.8	2.9	2.6	6.1	8.6	3.5	2.4
23	3.9	3.4	4.4	6.4	4.5	3.1	3.0	3.0	5.3	6.3	3.5	2.4
24	3.9	3.5	13	111	4.9	3.6	3.1	3.0	3.6	4.6	2.7	2.4
25	3.7	3.9	10	21	4.9	3.8	3.2	2.6	3.2	4.2	4.3	2.6
26	3.4	7.4	5.4	10	4.9	3.7	3.2	2.6	3.0	3.9	3.4	2.7
27	3.5	4.2	5.1	8.2	4.7	3.7	3.1	2.8	3.0	3.6	2.9	2.4
28	3.8	3.6	4.9	7.0	4.5	3.5	3.1	2.9	2.8	6.0	3.0	2.4
29	4.1	3.5	232	7.2	---	3.5	3.0	2.8	2.7	6.6	2.9	2.5
30	4.1	3.4	25	8.2	---	3.5	3.2	3.0	2.9	6.5	2.9	2.5
31	3.9	---	9.2	7.4	---	3.1	---	2.9	---	4.5	2.9	---
Total	108.8	272.9	388.5	349.4	176.2	131.4	95.8	96.4	95.0	121.8	103.7	99.2
Mean	3.51	9.10	12.5	11.3	6.29	4.24	3.19	3.11	3.17	3.93	3.35	3.31
Max	4.1	119	232	111	9.3	9.9	3.7	3.5	6.1	8.6	4.3	12
Min	3.1	3.4	2.9	5.2	4.5	3.1	2.8	2.5	2.6	2.4	2.7	2.4
Ac-ft	216	541	771	693	349	261	190	191	188	242	206	197

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2007 - 2011, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	15.8	6.81	8.63	9.88	9.75	9.16	18.3	8.69	7.88	15.0	14.4	15.1
Max	46.3	9.10	13.7	16.1	21.2	23.8	69.8	24.9	16.6	32.4	35.8	40.4
(WY)	(2007)	(2011)	(2010)	(2007)	(2010)	(2007)	(2009)	(2007)	(2007)	(2010)	(2007)	(2008)
Min	3.51	3.58	3.96	3.39	3.54	4.07	3.19	3.11	3.17	3.93	3.35	3.31
(WY)	(2011)	(2007)	(2008)	(2009)	(2009)	(2009)	(2011)	(2011)	(2011)	(2011)	(2011)	(2011)

08075605 Berry Bayou at Nevada St, Houston, TX—Continued**SUMMARY STATISTICS**

	Water Year 2011		Water Years 2007 - 2011	
Annual total	2,039.1			
Annual mean	5.59		11.6	
Highest annual mean			20.2	2007
Lowest annual mean			5.59	2011
Highest daily mean	232	Dec 29	1,060	Sep 13, 2008
Lowest daily mean	2.4	Jul 12	1.0	Oct 1, 2006
Annual seven-day minimum	2.5	Sep 22	1.0	Oct 1, 2006
Maximum peak flow	1,730	Dec 29	3,580	Apr 18, 2009
Maximum peak stage	21.69	Dec 29	25.87	Apr 18, 2009
Annual runoff (ac-ft)	4,040		8,420	
10 percent exceeds	7.1		12	
50 percent exceeds	3.5		4.2	
90 percent exceeds	2.9		3.0	

