

Water-Data Report 2011

**08041749 Pine Island Bayou above BI Pump Plant, Beaumont, TX**

Neches Basin  
Lower Neches Subbasin

LOCATION.--Lat 30°10'43", long 94°11'19" referenced to North American Datum of 1927, Jefferson County, TX, Hydrologic Unit 12020003, right bank, at the Lower Neches Valley Authority BI Pump Plant approximately 1,500 ft upstream of State Highway 69, and 1 mi northwest of Beaumont.

DRAINAGE AREA.--633 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Aug. 2003 to current year (daily mean discharge above 500 ft<sup>3</sup>/s).

GAGE.--Water-stage and water-velocity recorder. Datum of gage is unknown. Satellite telemeter at station.

REMARKS.--Records fair including periods of estimated daily discharge. Daily mean discharge above 500 ft<sup>3</sup>/s determined after applying Godin Filter to remove tidal effects from hourly values. 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 discharge, 22,700 ft<sup>3</sup>/s, Oct. 27, 2006, gage height, 16.18 ft, water velocity, 2.75 ft/s; minimum not determined.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,280 ft<sup>3</sup>/s, Feb. 2, gage height, 2.17 ft, water velocity, 0.41 ft/s; maximum gage height, 4.07 ft, May 25; minimum not determined.

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

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	616	---	---	---	---	---	---	---
2	---	---	---	---	683	---	---	---	---	---	---	---
3	---	---	---	---	550	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	523	---	---	---	---	---	---
6	---	---	---	---	---	541	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
<b>Total</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Mean</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Max</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Min</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Med</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Ac-ft</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Cfsm</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>In.</b>	---	---	---	---	---	---	---	---	---	---	---	---

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