

Water-Data Report 2007

**08076700 Greens Bayou at Ley Road, Houston, TX**

San Jacinto Basin  
Buffalo-San Jacinto Subbasin

LOCATION.--Lat 29°50'13", long 95°13'59" referenced to North American Datum of 1927, Harris County, TX, Hydrologic Unit 12040104, on right bank at downstream side of bridge on Ley Road in northeast Houston and 300 ft downstream from mouth of Halls Bayou.

DRAINAGE AREA.--182 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Nov. 1962 to Dec. 1964, May 1971 to Sept. 1971 (discharge measurements only), Oct. 1971 to Sept. 1991, Aug. 1992 to current year.  
Water-quality records: Chemical data: Oct. 1970 to Sept. 1981. Biochemical data: Oct. 1970 to Sept. 1981. Pesticide data: Oct. 1970 to Sept. 1981.

GAGE.--Water-stage recorder. Datum of gage is 2.13 ft below NGVD of 1929, 1973 adjustment. Radio telemeter at station. Satellite telemeter at station.

REMARKS.--Records fair. Daily mean discharge is computed for all storms that produce peak discharges above 2,000 ft<sup>3</sup>/s. Gage was discontinued on Sept. 12, 1991, for bridge construction and temporarily relocated about 1.0 mi downstream at U.S. Highway 90 to obtain stage data for the Harris County Flood Control District. Gage was moved back to Ley Road on Aug. 12, 1992, at current datum. No known regulation or diversions.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 69,700 ft<sup>3</sup>/s, from indirect measurement of peak flow, June 9, 2001, gage height, 44.02 ft, from floodmark; minimum not determined (affected by tide).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 18,600 ft<sup>3</sup>/s, Oct. 16, gage height, 35.17 ft.

## 08076700 Greens Bayou at Ley Road, Houston, TX—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	1,450	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	2,040	---	---
3	---	---	---	---	---	---	---	1,230	---	1,290	---	---
4	---	---	---	2,210	---	---	---	2,970	---	---	---	---
5	---	---	---	1,190	---	---	---	1,030	---	2,510	---	---
6	---	---	---	---	---	---	---	---	---	3,590	---	---
7	---	---	---	---	---	---	---	---	---	4,930	---	---
8	---	---	---	---	---	---	---	---	---	1,350	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	1,050	---	---	---	---
11	---	---	---	---	---	---	---	4,650	---	---	---	---
12	---	---	---	---	---	---	---	1,290	---	---	---	---
13	1,840	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	4,730	---	---	---	---	---	---
15	---	---	---	---	---	4,390	---	---	---	1,560	---	---
16	12,500	---	---	---	---	1,060	---	---	---	1,220	4,970	---
17	10,300	---	---	---	---	---	---	---	---	2,220	3,880	---
18	1,540	---	---	---	---	---	---	---	---	1,850	4,020	---
19	2,490	---	---	---	---	---	---	---	---	3,410	1,470	---
20	1,090	---	---	---	---	---	---	---	---	3,560	---	---
21	---	---	---	---	---	---	---	---	---	1,800	---	---
22	---	---	---	---	---	---	---	---	---	1,040	---	---
23	---	---	---	---	---	---	---	---	---	1,320	---	---
24	---	---	---	2,370	---	---	---	---	---	---	---	---
25	---	---	---	1,400	---	---	2,930	---	---	---	---	---
26	---	---	---	---	---	---	2,020	2,760	---	---	---	---
27	---	---	---	2,030	---	---	---	3,390	---	1,890	---	---
28	---	---	---	1,190	---	---	---	3,240	---	1,870	---	---
29	---	---	---	---	---	---	---	3,380	---	945	---	---
30	---	---	---	---	---	---	---	942	---	1,030	---	---
31	---	---	---	---	---	1,710	---	---	---	---	---	---