

**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 (daily mean discharge, see remarks paragraph).

PERIOD OF RECORD, Water-Quality.--

CHEMICAL DATA: Dec. 1967 to May 1981.

BIOCHEMICAL DATA: Dec. 1967 to May 1981.

BIOLOGICAL DATA: Dec. 1970 to May 1981.

PESTICIDE DATA: May. 1971 to Jan. 1980.

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 good. 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. 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, 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.--Peak discharges greater than base discharge of 7,000 ft<sup>3</sup>/s and (or) maximum (\*):

Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
Feb 18	1600	*6,860	*23.93

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

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	1,180	---	---	---	---	---	---	---
4	---	---	---	---	2,810	---	---	---	---	---	---	---
5	---	---	1,550	---	1,570	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	830	---	---
8	---	---	---	---	---	---	---	---	---	832	---	---
9	2,290	---	---	2,530	---	1,300	---	---	---	1,540	---	---
10	2,100	---	---	1,450	---	1,730	---	---	---	1,500	---	---
11	---	---	---	---	---	2,980	---	---	---	881	---	---
12	---	---	---	---	---	2,830	---	---	---	3,160	---	---
13	---	---	---	---	---	---	---	---	---	2,310	---	---
14	---	---	---	---	---	---	---	---	---	1,170	---	---
15	---	---	---	---	---	---	---	---	---	1,070	---	---
16	---	---	---	---	---	---	1,970	---	---	918	---	---
17	---	---	---	---	---	---	1,370	---	---	999	---	---
18	---	---	---	---	4,590	---	---	---	---	1,110	1,100	---
19	---	---	---	---	2,100	---	---	---	---	---	1,780	---
20	---	---	---	---	---	2,010	---	---	---	---	1,260	---
21	---	---	---	---	---	1,490	---	---	---	---	---	---
22	---	---	2,160	---	---	---	---	---	---	---	---	---
23	---	---	1,060	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	4,540	---	---	---	---	---	---	---	---
26	---	---	---	2,710	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	2,410	---	---	---	---	---	---
30	---	---	---	---	---	1,610	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---