

08074540 Little Whiteoak Bayou at Trimble Street, Houston, TX

San Jacinto Basin
Buffalo-San Jacinto Subbasin

LOCATION.--Lat 29°47'34", long 95°22'05" referenced to North American Datum of 1983, Harris County, TX, Hydrologic Unit 12040104, on downstream side of bridge at Trimble Street, Houston, and 5,950 ft upstream from discontinued former site (Little Whiteoak at Houston, Texas, station 08074550).

DRAINAGE AREA.--18.1 mi², measured from USGS topographic maps. City of Houston storm sewer plans, Harris County flood control plans, levels and field inspections to determine effects of drainage ditch construction were used as an aid in determining basin boundaries. Drainage area at site 250 ft upstream 18.0 mi.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 1971 to June 1979 (discharge measurements), June 1979 to Sept. 1984 (flood-hydrograph partial record), Oct. 1984 to Sept. 30, 2006 (maximum annual gage height), Oct. 2006 to current (peaks above base discharge).

PERIOD OF RECORD, Water-Quality.--

CHEMICAL DATA: Dec. 1979 to Aug. 1984, May 2003 to Sept. 2004.

BIOCHEMICAL DATA: Dec. 1979 to Aug. 1984, May 2003 to Sept. 2004.

BIOLOGICAL DATA: Jan. 1970, Dec. 1979 to Aug. 1984.

PESTICIDE DATA: Dec. 1979 to Aug. 1984.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929, through supplementary adjustment of 1973 (levels by Harris County Flood Control District).

REMARKS.--Records good. Radio telemeter at station. Satellite telemeter at station. 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 gage-height, 46.21 ft, June 9, 2001; minimum not determined.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,500 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Sep 20	2315	*5,060	*37.44