

**07344500 Big Cypress Creek near Pittsburg, TX**

Big Cypress-Sulphur Basin  
Lake O'the Pines Subbasin

LOCATION.--Lat 33°01'15", long 94°52'55" referenced to North American Datum of 1927, Titus County, TX, Hydrologic Unit 11140305, near center of stream at downstream side of bridge on State Highway 11, 0.5 mi upstream from Louisiana & Arkansas Railway Co. bridge, 1.4 mi upstream from Williamson Creek, 5.2 mi east of Pittsburg, 9.0 mi downstream from Lake Bob Sandlin, and 110.0 mi upstream from mouth.

DRAINAGE AREA.--370 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Apr. 1943 to Dec. 1962, published as "Cypress Creek near Pittsburg" (daily mean discharge), Oct. 1967 to Sept. 1989 (daily mean discharge), Oct. 1989 to current year, (peak discharges greater than base discharge). Gage-height records collected at this site from Sept. 1963 to Dec. 1967, are published in reports by the U.S. Army Corps of Engineers.

PERIOD OF RECORD, Water-Quality.--

- CHEMICAL DATA: Mar. 1965 to Aug. 1989, Feb. 1999 to Aug. 2006.
- BIOCHEMICAL DATA: Nov. 1982 to Aug. 1985, Feb. 1999 to Aug. 2004.
- RADIOCHEMICAL DATA: Apr. 1973, Mar. to June 1981, Feb. 1999 to Aug. 2004.
- SEDIMENT DATA: Aug. 2006.

PERIOD OF DAILY RECORD, Water-Quality.--

- SPECIFIC CONDUCTANCE: Oct. 1968 to Sept. 1989.
- WATER TEMPERATURE: Oct. 1968 to Sept. 1989.

REVISED RECORDS.--WSP 1211: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 247.49 ft above NGVD of 1929. Prior to Nov. 12, 1954, water-stage recorder at site 1,900 ft downstream at present datum. Satellite telemeter at station.

REMARKS.--Records fair. Some records listed in the "Period of Record" for surface water and water quality may not be available electronically. Since July 1970, at least 10% of contributing drainage area has been regulated. Waste-water effluent was returned to a tributary above this station by the City of Mount Pleasant, and waste-water effluent was returned to a tributary below this station by the city of Pittsburg. No known diversions.

AVERAGE DISCHARGE FOR PERIOD PRIOR TO REGULATION.--22 years (water years 1944-1962, 1968-1970), prior to regulation by Lake Cypress Springs, 349 ft<sup>3</sup>/s, 253,000 acre-ft/yr.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--19 years (water years 1971-1989) regulated, 237 ft<sup>3</sup>/s (171,900 acre-ft/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 30,400 ft<sup>3</sup>/s, Mar. 17, 1987, gage height, 23.65 ft; no flow at times.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in Jan. 1938 reached a stage of about 25 ft from information by local resident. Maximum stage since at least 1895, that of Mar. 30, 1945.

EXTREMES FOR PERIOD PRIOR TO REGULATION.--WATER YEARS 1944-1962, 1968-1970: Maximum discharge, 58,500 ft<sup>3</sup>/s Mar. 30, 1945, gage height, 28.3 ft, from floodmark, and adjusted to present site on basis of record for flood of Apr. 27, 1958, from rating curve extended above 20,000 ft<sup>3</sup>/s; no flow Aug. 20 to Oct. 3, 1954, July 19 to Nov. 4, 1956.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,500 ft<sup>3</sup>/s and (or) maximum (\*):

Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
Mar 15	0730	3,260	13.86
May 3	2115	*16,800	*19.90
Aug 2	1130	7,280	16.15
Sep 16	0145	4,720	14.75