



Water-Data Report 2011

## 08045850 Clear Fork Trinity River near Weatherford, TX

Upper Trinity Basin  
Lower West Fork Trinity Subbasin

LOCATION.--Lat 32°44'25", long 97°39'06" referenced to North American Datum of 1927, Parker County, TX, Hydrologic Unit 12030102, near left end of bridge on weigh station exit road associated with Interstate Highway 20, 150 ft downstream from Squaw Creek, 2.8 mi downstream from Lake Weatherford Dam, 3.8 mi upstream from South Fork Trinity River and 8.5 mi east of county courthouse in Weatherford.

DRAINAGE AREA.--121 mi<sup>2</sup>.

### SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 1980 to Sept. 1985, Oct. 1998 to Sept. 2005 (daily mean discharge), Oct. 1985 to Sept. 1989 (crest stage gage). Oct. 1989 to Sept. 1998, Oct. 2005 to current year (peaks above base discharge).

PERIOD OF RECORD, Water-Quality.--

CHEMICAL DATA: Oct. 1980 to Aug. 1982, Feb. 1993.

BIOCHEMICAL DATA: Oct. 1980 to Aug. 1982.

RADIOCHEMICAL DATA: Apr. to July 1981.

GAGE.--Water-stage recorder. Datum of gage is 810.00 ft above NGVD of 1929. Satellite telemeter at station.

REMARKS.--Records good. Some records listed in the Period of Record for surface water and water quality may not be available electronically. Since installation of gage, at least 10% of the contributing drainage area has been regulated. No known diversions. No flow at times.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--12 years (water years 1981-1985, 1999-2005), 27.3 ft<sup>3</sup>/s (19,750 acre-ft/year).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,980 ft<sup>3</sup>/s, June 10, 2004, gage height, 22.20 ft. Minimum discharge, no flow at times, some years.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 190 ft<sup>3</sup>/s and (or) maximum (\*):

Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
Oct 23	1345	*391	*9.49