



Water-Data Report 2008

08039100 Ayish Bayou near San Augustine, TX

Neches Basin
Lower Angelina Subbasin

LOCATION.--Lat 31°23'46", long 94°09'03" referenced to North American Datum of 1927, San Augustine County, TX, Hydrologic Unit 12020005, near center of span on downstream side of bridge on State Highway 103, 3.0 mi upstream from Turkey Creek and 9.5 mi south of San Augustine.

DRAINAGE AREA.--89.0 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Feb. 1959 to Sept. 1985 (daily mean discharge), Oct. 1985 to Sept. 1989 (annual maximum), Oct. 1989 to current year (peak discharges greater than base discharge).

REVISED RECORDS.--WSP 1922: 1959(M).

GAGE.--Water-stage recorder. Datum of gage is 190.22 ft above NGVD of 1929. Prior to June 2, 1959, nonrecording gage at same site and datum. Satellite telemeter at station.

REMARKS.--Records good. No known regulation or diversions.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--26 years (water years 1960-1985), 83.7 ft³/s, 12.77 in/yr, 60,640 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 42,100 ft³/s, Mar. 30, 2008, gage height, 21.14 ft; no flow at times.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge since Oct. 1957, 15,900 ft³/s, on Sept. 21 or 22, 1958, gage height, 17.5 ft, from floodmarks.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,600 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Feb 17	1445	2,170	12.84
Mar 30	2315	*42,100 ⁱ	*21.14 ^a
Apr 5	0615	2,080	12.78

ⁱ From indirect measurement of peak flow.

^a From floodmark.