

**08129300 Spring Creek above Tankersley, TX**

Middle Colorado-Concho Basin  
South Concho Subbasin

LOCATION.--Lat 31°19'48", long 100°38'24" referenced to North American Datum of 1927, Tom Green County, TX, Hydrologic Unit 12090102, on right bank at downstream side of bridge on Farm Road 2335, 1.4 mi south of Tankersley, 2.5 mi upstream from Dove Creek, and 10.4 mi upstream from mouth.

DRAINAGE AREA.--425 mi<sup>2</sup> of which 20 mi<sup>2</sup> probably is noncontributing.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Oct. 1960 to Sept. 1995 (daily mean discharge), Oct. 1995 to current year (peak discharges greater than base discharge).

PERIOD OF RECORD, Water-Quality.--

CHEMICAL DATA: Sept. 1964 to May 1967.

BIOCHEMICAL DATA: Sept. 1964 to May 1967

REVISED RECORDS.--WDR TX-81-3: Drainage area.

GAGE.--Water-stage recorder, crest-stage gage, and concrete control. Datum of gage is 1,964.72 ft above NGVD of 1929. Prior to Nov. 10, 1960, nonrecording gage at same site and datum. Satellite telemeter at station.

REMARKS.--Records good. No known regulation. There are many small diversions above station for irrigation.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--35 years (water years 1961-95), 13.1 ft<sup>3</sup>/s (9,490 acre-ft/year).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 30,400 ft<sup>3</sup>/s, Aug. 12, 1971, gage height, 16.57 ft; no flow at times most years.

EXTREMES OUTSIDE PERIOD OF RECORD.--Notable floods since at least 1853 occurred in 1882 and 1884. Flood of Oct. 3, 1959, reached a stage of 18.4 ft, from floodmarks. At former gage near Tankersley 8.0 mi downstream, the flood of Oct. 3, 1959, had a discharge of 82,100 ft<sup>3</sup>/s and was found to be about 3.0 ft lower than the 1882 flood, the greatest at that location since at least 1853.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 100 ft<sup>3</sup>/s and (or) maximum (\*):

Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
May 7	1830	396	5.40
May 10	1530	849	5.80
Sep 29	1400	*2,730	*7.35