

07126140 VAN BREMER ARROYO NEAR TYRONE, CO

Upper Arkansas Basin
Purgatoire Subbasin

LOCATION.--Lat 37°23'58", long 104°06'55" referenced to North American Datum of 1927, in SW ¼ SW ¼ sec.27, T.30 S., R.60 W., Las Animas County, CO, Hydrologic Unit 11020010, on Pinon Canyon Maneuver Site, on right bank 200 ft downstream from military road at gas line crossing near Brown Sheep Camp, 6 mi southeast of Tyrone, and 11 mi upstream from mouth.

DRAINAGE AREA.--119 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 1985 to September 1998, October 1998 to September 2004 (seasonal records only), October 2004 to current year (annual maximum only).

REVISED RECORDS.--WDR-US-2011: Drainage area.

GAGE.--Nonrecording gage, crest-stage gages, and V-notch sharp-crested weir. Elevation of gage is 5,310 ft above NGVD of 1929, from topographic map.

REMARKS.--Natural flow of stream affected by storage reservoirs, erosion-control and livestock-watering reservoirs, diversions for irrigation, ground-water withdrawals, and return flows from irrigated areas.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 511 ft³/s, Aug. 23, 1986, gage height, 10.02 ft, by computation of peak flow through culvert; maximum gage height, 11.64 ft, Aug. 3, 1998; no flow on many days during most years (some estimated).

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Aug 7, 2013	^a 240	---	9.89	---

^a From rating curve extended above 93 ft³/s on basis of computation of peak flow through culvert.