



Water-Data Report 2013

**373556103575201 WEST BEAR SPRINGS ARROYO AT BOUNDARY AT PINON CANYON MANEUVER SITE, CO**

Upper Arkansas Basin  
Upper Arkansas-Lake Meredith Subbasin

LOCATION.--Lat 37°35'56.5", long 103°57'52.4" referenced to North American Datum of 1983, in NW ¼ NW ¼ sec.24, T.28 S., R.59 W., Las Animas County, CO, Hydrologic Unit 11020005, on Pinon Canyon Maneuver Site on right bank, 0.2 mi upstream from boundary, 4.2 mi southeast of Delhi, and 4.3 mi northeast of Houghton.

DRAINAGE AREA.--4.74 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--March 2006 to current year (annual maximum only).

GAGE.--Crest-stage gage. Elevation of gage is 5,108 ft above NAVD of 1988, from Global Positioning System technology.

REMARKS.--Natural flow of stream may be affected by erosion-control and livestock-watering reservoirs.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,010 ft<sup>3</sup>/s, Sept. 15, 2013, gage height, 10.48 ft, from rating curve extended above step-backwater hydraulic analysis up to a gage height of 9.17 ft; no flow most days most years.

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

Date	Discharge, in ft <sup>3</sup> /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Sep 15, 2013	<sup>a</sup> 2,010	---	10.48	---

<sup>a</sup> From rating curve extended above step-backwater hydraulic analysis up to a gage height of 9.17 ft.