



Water-Data Report 2012

373334103550601 NORTH FORK LOCKWOOD ARROYO BELOW BEAR SPRINGS HILLS AT PINON CANYON MANEUVER SITE, CO

Upper Arkansas Basin
Purgatoire Subbasin

LOCATION.--Lat 37°33'33.9", long 103°55'05.8" referenced to North American Datum of 1983, in SE ¼ SE ¼ sec.32, T.28 S., R.58 W., Las Animas County, CO, Hydrologic Unit 11020010, on Pinon Canyon Maneuver Site near left bank, 7.9 mi southeast of Delhi, and 10.3 mi east of Thatcher.

DRAINAGE AREA.--2.23 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--March 2006 to September 2011, discontinued (annual maximum only).

GAGE.--Crest-stage gage. Elevation of gage is 5,175 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, 230 ft³/s, Aug. 2, 2011, gage height, 7.11 ft, from step-backwater hydraulic analysis; no flow most days most years.

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
2006	0.0	---	---	---

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
2007	0.0	---	---	---

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
2008	0.0	---	---	---

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**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Oct 11, 2008	^a 7.0	---	4.82	---

^aFrom step-backwater hydraulic analysis.

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
2010	0.0	---	---	---

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Aug 2, 2011	^a 230	---	7.11	---

^aFrom step-backwater hydraulic analysis.