



Water-Data Report 2010

385750104475001 PINE CREEK ABOVE HIGHWAY 83 AT COLORADO SPRINGS, CO

Upper Arkansas Basin
Fountain Subbasin

LOCATION.--Lat 38°57'50", long 104°47'50" referenced to North American Datum of 1983, in SE ¼ NE ¼ sec.32, T.12 S., R.66 W., El Paso County, CO, Hydrologic Unit 11020003, on right bank 0.2 mi upstream from State Highway 83 at Colorado Springs, 0.3 mi east of Interstate 25, 3.4 mi southeast of Falcon Stadium at U.S. Air Force Academy, and 3.6 mi northeast of Pulpit Rock.

DRAINAGE AREA.--3.69 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--June 2003 to September 2009 (annual maximum only - discontinued).

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 6,540 ft above NGVD of 1929, from topographic map.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 495 ft³/s (estimated), July 17, 2006, gage height, 7.71 ft, from rating curve extended above 30 ft³/s on the basis of step-backwater hydraulic analysis at gage heights up to 8.00 ft.

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003**

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Jun 17, 2003	^a 400	2,B	7.73	---

^a From rating curve extended above 30 ft³/s on the basis of step-backwater hydraulic analysis.

Discharge qualification code:

2 - Discharge is an estimate

B - Month or day of occurrence is unknown or not exact

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004**

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Jul 10, 2004	^a 450	2	8.32	---

^a From rating curve extended above 30 ft³/s on the basis of step-backwater hydraulic analysis at gage heights up to 8.00 ft.

Discharge qualification code:

2 - Discharge is an estimate

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**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Aug 22, 2005	^a 350	2	7.51	---

^a From rating curve extended above 30 ft³/s on the basis of step-backwater hydraulic analysis.

Discharge qualification code:

2 - Discharge is an estimate

**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
Jul 17, 2006	^a 495	2	7.71	---

^a From rating curve extended above 30 ft³/s on the basis of step-backwater hydraulic analysis.

Discharge qualification code:

2 - Discharge is an estimate

**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
Aug 6, 2007	^a 375	2	7.32	---

^a From rating curve extended above 30 ft³/s on the basis of step-backwater hydraulic analysis.

Discharge qualification code:

2 - Discharge is an estimate

**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
Aug 16, 2008	^a 313	2	7.08	---

^a From rating curve extended above 30 ft³/s on the basis of step-backwater hydraulic analysis.

Discharge qualification code:

2 - Discharge is an estimate

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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
Sep 14, 2009	^a 452	2,B	6.08	---

^a From rating curve extended above 30 ft³/s on the basis of step-backwater hydraulic analysis.

Discharge qualification code:

2 - Discharge is an estimate

B - Month or day of occurrence is unknown or not exact