



Water-Data Report 2010

**07103985 COTTONWOOD CREEK TRIBUTARY ABOVE RANGEWOOD DRIVE AT COLORADO SPRINGS, CO**

Upper Arkansas Basin  
Fountain Subbasin

LOCATION.--Lat 38°55'45", long 104°44'48" referenced to North American Datum of 1927, in SE ¼ SW ¼ sec.11, T.13 S., R.66 W., El Paso County, CO, Hydrologic Unit 11020003, on right bank 400 ft upstream from Dublin Road at Colorado Springs, 0.2 mi upstream from Rangewood Drive, 0.5 mi upstream from mouth, and 3.2 mi east of Interstate 25.

DRAINAGE AREA.--2.81 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--May 1998 to October 2002 (seasonal records only). November 2002 to September 2009 (annual maximum only) (discontinued).

GAGE.--Crest-stage gages. Elevation of gage is 6,630 ft above NGVD of 1929, from topographic map.

REMARKS.--Natural flow of stream affected by erosion-control and livestock-watering reservoirs. Maximum discharge for 2008 water year likely occurred Aug. 5, 2008, discharge and gage height unknown.

EXTREMES FOR PERIOD OF RECORD.--(seasonal only) Maximum discharge, 2,960 ft<sup>3</sup>/s, July 13, 2001, gage height, 8.76 ft, from rating curve extended above 65 ft<sup>3</sup>/s on basis of slope-area measurement of peak flow at gage height 8.75 ft; maximum gage height, 8.91 ft, June 25, 2006, from floodmarks.

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

Date	Discharge, in ft <sup>3</sup> /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Aug 5, 2007	<sup>a</sup> 1,000	2,C	<sup>b</sup> 7.87	---

<sup>a</sup> From rating curve extended above 65 ft<sup>3</sup>/s on basis of slope-area measurement of peak flow.

<sup>b</sup> From floodmarks.

Discharge qualification code:

2 - Discharge is an estimate

C - All or part of the record affected by urbanization, mining, agricultural changes, channelization, or others

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

Date	Discharge, in ft <sup>3</sup> /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
<sup>a</sup> Jul 2, 2008	<sup>b</sup> 274	2,8,C	6.11	---

<sup>a</sup> See REMARKS paragraph above.

<sup>b</sup> From rating curve extended above 65 ft<sup>3</sup>/s on basis of slope-area measurement of peak flow.

Discharge qualification code:

2 - Discharge is an estimate

8 - Discharge actually greater than indicated value

C - All or part of the record affected by urbanization, mining, agricultural changes, channelization, or others

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

Date	Discharge, in ft <sup>3</sup> /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Jul 2, 2009	<sup>a</sup> 1,090	2,C	8.35	---

<sup>a</sup> From rating curve extended above 65 ft<sup>3</sup>/s on basis of slope-area measurement of peak flow.

Discharge qualification code:

2 - Discharge is an estimate

C - All or part of the record affected by urbanization, mining, agricultural changes, channelization, or others