

**06727410 FOURMILE CREEK AT LOGAN MILL ROAD NEAR CRISMAN, CO**

South Platte Basin  
St. Vrain Subbasin

LOCATION.--Lat 40°02'31.3", long 105°21'53.7" referenced to North American Datum of 1983, in NW ¼ NE ¼ sec.20, T.1 N., R.71 W., Boulder County, CO, Hydrologic Unit 10190005, on right bank 40 ft upstream of Logan Mill Road bridge, just west of Fourmile Canyon Road (County Road 118), 0.2 mi northwest of Crisman, 1.0 mi downstream of the confluence with Gold Run Gulch, and about 4.5 mi northwest of Boulder.

DRAINAGE AREA.--19.2 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--April 2011 to current year (seasonal records only).

GAGE.--Water-stage recorder with satellite telemetry and crest-stage gage. Elevation of gage is 6,340 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for discharges above 100 ft<sup>3</sup>/s and estimated daily discharges, which are poor. No daily values published from Sept. 12 to Sept. 16 due to damage to the gage from flooding. No diversion upstream from station.

EXTREMES FOR PERIOD OF RECORD.--(seasonal only) Maximum discharge, 2,040 ft<sup>3</sup>/s, Sept. 12, 2013, from computation of peak flow by slope-area method, gage height, 13.20 ft, from high-water marks; minimum daily, 0.20 ft<sup>3</sup>/s, Sept. 4, 2012.

EXTREMES FOR CURRENT YEAR.--(seasonal only) Maximum discharge, 2,040 ft<sup>3</sup>/s, Sept. 12, from computation of peak flow by slope-area method, gage height, 13.20 ft, from high-water marks; minimum daily, 1.2 ft<sup>3</sup>/s, Sept. 7 and 8.

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**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**  
**DAILY MEAN VALUES**

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	4.3	18	16	4.0	2.2	1.6
2	---	---	---	---	---	---	3.8	17	15	3.7	2.1	1.5
3	---	---	---	---	---	---	3.5	19	13	3.3	2.1	1.4
4	---	---	---	---	---	---	4.1	25	13	3.5	2.5	1.3
5	---	---	---	---	---	---	4.9	26	15	3.2	2.2	1.3
6	---	---	---	---	---	---	4.8	26	15	3.0	2.4	1.3
7	---	---	---	---	---	---	4.8	26	15	2.6	2.1	1.2
8	---	---	---	---	---	---	4.8	29	15	2.3	2.0	1.2
9	---	---	---	---	---	---	e5.0	75	15	2.1	1.9	1.7
10	---	---	---	---	---	---	e5.0	90	14	2.0	2.0	4.5
11	---	---	---	---	---	---	e5.4	73	14	1.8	1.8	19
12	---	---	---	---	---	---	5.4	54	13	2.5	2.1	---
13	---	---	---	---	---	---	5.7	52	12	2.9	3.5	---
14	---	---	---	---	---	---	6.0	56	12	2.7	3.2	---
15	---	---	---	---	---	---	6.2	52	11	7.8	2.4	---
16	---	---	---	---	---	---	e5.6	46	10	4.2	2.1	---
17	---	---	---	---	---	---	5.8	39	10	3.3	1.8	e147
18	---	---	---	---	---	---	e6.0	36	9.1	4.1	1.7	e104
19	---	---	---	---	---	---	e6.1	33	8.1	4.8	1.7	e80
20	---	---	---	---	---	---	6.2	28	7.3	3.6	1.5	e62
21	---	---	---	---	---	---	8.8	25	6.8	3.2	1.5	e44
22	---	---	---	---	---	---	14	24	6.3	2.8	1.6	e35
23	---	---	---	---	---	---	e14	25	5.7	2.5	1.7	e51
24	---	---	---	---	---	---	15	24	5.4	2.5	1.9	e25
25	---	---	---	---	---	---	14	25	5.0	3.5	1.6	e19
26	---	---	---	---	---	---	21	26	4.5	3.4	2.3	e18
27	---	---	---	---	---	---	22	26	4.1	3.0	2.6	e18
28	---	---	---	---	---	---	16	25	3.9	3.2	1.8	e19
29	---	---	---	---	---	---	18	24	4.4	3.3	1.6	e21
30	---	---	---	---	---	---	17	21	4.1	2.8	1.5	e20
31	---	---	---	---	---	---	---	18	---	2.4	1.6	---
<b>Total</b>	---	---	---	---	---	---	263.2	1,083	302.7	100.0	63.0	---
<b>Mean</b>	---	---	---	---	---	---	8.77	34.9	10.1	3.23	2.03	---
<b>Max</b>	---	---	---	---	---	---	22	90	16	7.8	3.5	---
<b>Min</b>	---	---	---	---	---	---	3.5	17	3.9	1.8	1.5	---
<b>Ac-ft</b>	---	---	---	---	---	---	522	2,150	600	198	125	---

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