Water-Data Report 2013

07126390 LOCKWOOD CANYON CREEK NEAR THATCHER, CO

Upper Arkansas Basin
Purgatoire Subbasin

LOCATION.--Lat 37°29′34″, long 103°49′39″ referenced to North American Datum of 1927, in SW ¼ NE ¼ sec.30, T.29 S., R.57 W., Las Animas County, CO, Hydrologic Unit 11020010, on Pinon Canyon Maneuver Site, on left bank 0.8 mi downstream from Sharp Ranch, 5.3 mi upstream from mouth, and 16 mi southeast of Thatcher.

DRAINAGE AREA.--48.8 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--April 1983 to September 1992, October 1992 to May 1999 (annual maximum only), May 1999 to current year (seasonal records only). Records prior to May 14, 1999, may not be equivalent because of difference in drainage area.

REVISED RECORDS.--WDR CO-86-1: 1984-83. WDR CO-97-1: 1987 (M). WDR CO-03-1: Drainage area.

GAGE.--Water-stage recorder with satellite telemetry and crest-stage gages. Elevation of gage is 4,785 ft above NGVD of 1929, from topographic map. Apr. 1983 to May 2, 1989, at site 0.4 mi upstream at different datum. May 3, 1989 to May 13, 1999, at site 0.2 mi upstream at different datum.

REMARKS.--No estimated daily discharges. Records poor. Natural flow of stream affected by erosion-control and livestock-watering reservoirs.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,110 ft^3/s, May 22, 1987, from slope-area measurement of peak flow, gage height, 10.39 ft, site and datum then in use, maximum gage height, 11.43 ft, June 25, 2004; no flow on most days.

EXTREMES FOR CURRENT YEAR.--(seasonal only) Maximum discharge, 406 ft^3/s, Aug. 8, gage height 9.78 ft; no flow most days.

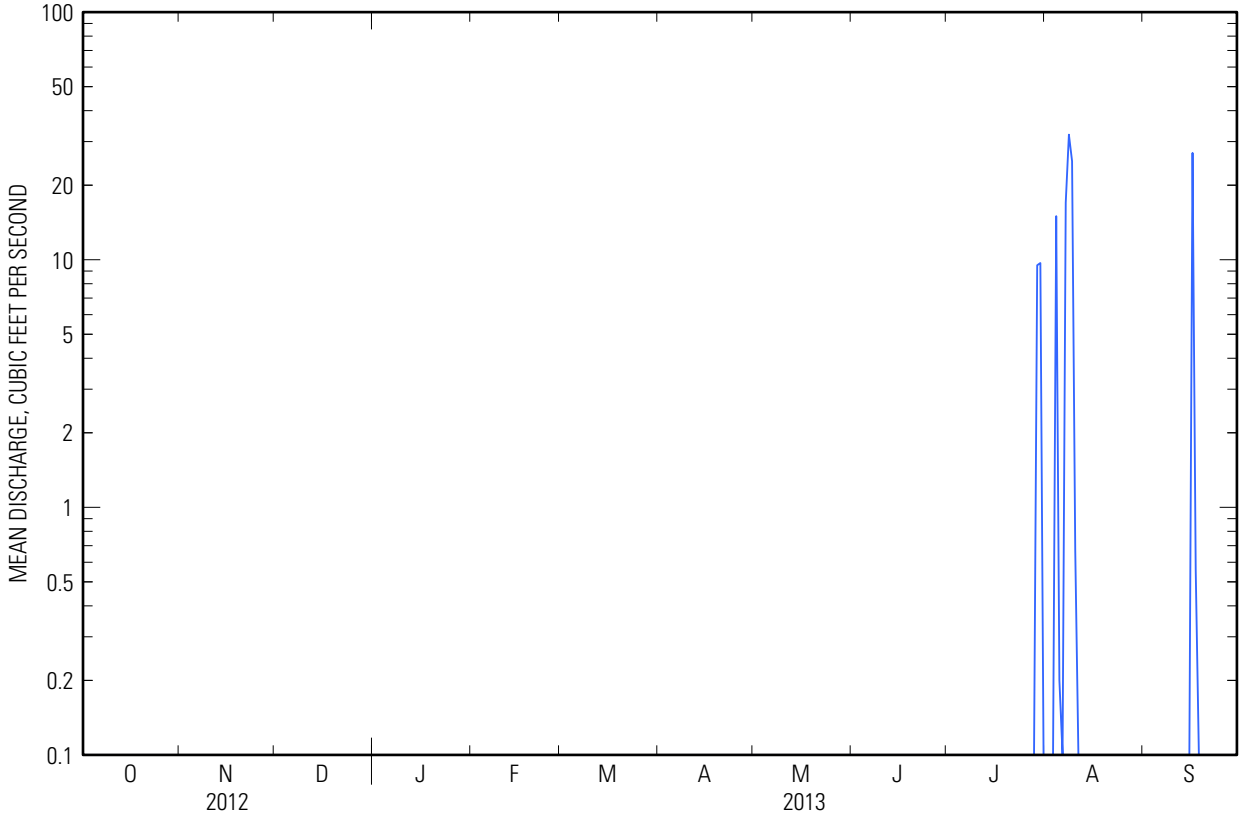
Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2013: U.S. Geological Survey Water-Data Report WDR-US-2013, site 07126390, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/07126390.2013.pdf

07126390 LOCKWOOD CANYON CREEK NEAR THATCHER, CO—Continued

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

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	15	0.00
5	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.20	0.00
6	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	17	0.00
8	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	32	0.00
9	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	25	0.00
10	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.67	0.00
11	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	27
17	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.56
18	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	---	---	---	---	---	0.00	0.00	0.00	9.5	0.00	0.00
30	0.00	---	---	---	---	---	0.00	0.00	0.00	9.7	0.00	0.00
31	0.00	---	---	---	---	---	---	0.00	---	0.00	0.00	---
Total	0.00	---	---	---	---	---	0.00	0.00	0.00	19.20	89.87	27.56
Mean	0.00	---	---	---	---	---	0.00	0.00	0.00	0.62	2.90	0.92
Max	0.00	---	---	---	---	---	0.00	0.00	0.00	9.7	32	27
Min	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
Ac-ft	0.00	---	---	---	---	---	0.00	0.00	0.00	38	178	55

07126390 LOCKWOOD CANYON CREEK NEAR THATCHER, CO—Continued



07126390 LOCKWOOD CANYON CREEK NEAR THATCHER, CO—Continued

CLIMATOLOGICAL RECORDS

PERIOD OF RECORD.--May 1999 to current year (seasonal records only).

INSTRUMENTATION.--Tipping-bucket rain gage with satellite telemetry.

REMARKS.--Records during the period July 11 to Sept. 30 are less accurate than the rest of the records because there was no calibration check at seasonal closure of gage.

EXTREMES FOR PERIOD OF RECORD.--(seasonal only) Maximum daily precipitation, 2.80 inches, Aug. 18, 2006.

EXTREMES FOR CURRENT YEAR.--(seasonal only) Maximum daily precipitation, 1.42 inches, July 29.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY SUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.03	---	---	---	---	---	0.00	0.01	0.00	0.00	0.00	0.00
2	0.00	---	---	---	---	---	0.00	0.14	0.00	0.00	0.00	0.00
3	0.00	---	---	---	---	---	0.07	0.00	0.00	0.00	0.98	0.00
4	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.01	0.00
5	0.00	---	---	---	---	---	0.00	0.00	0.05	0.01	0.00	0.00
6	0.00	---	---	---	---	---	0.00	0.00	0.00	0.01	0.00	0.00
7	0.00	---	---	---	---	---	0.00	0.00	0.00	0.16	0.72	0.00
8	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.15	0.00
9	0.00	---	---	---	---	---	0.00	0.12	0.00	0.00	0.01	0.00
10	0.00	---	---	---	---	---	0.02	0.00	0.00	0.02	0.02	0.00
11	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.28
12	0.17	---	---	---	---	---	0.00	0.00	0.00	0.00	0.06	0.05
13	0.01	---	---	---	---	---	0.00	0.00	0.00	0.00	0.05	0.01
14	0.00	---	---	---	---	---	0.00	0.00	0.07	0.03	0.00	0.00
15	0.00	---	---	---	---	---	0.00	0.15	0.00	0.09	0.00	0.54
16	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.24
17	0.00	---	---	---	---	---	0.00	0.00	0.03	0.00	0.00	0.00
18	0.00	---	---	---	---	---	0.25	0.00	0.22	0.00	0.00	0.00
19	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	---	---	---	---	---	0.00	0.00	0.00	0.06	0.00	0.00
22	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.27
23	0.00	---	---	---	---	---	0.02	0.00	0.00	0.00	0.00	0.00
24	0.00	---	---	---	---	---	0.02	0.00	0.00	0.31	0.00	0.00
25	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
26	0.02	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	---	---	---	---	---	0.00	0.00	0.00	0.26	0.00	0.00
29	0.00	---	---	---	---	---	0.00	0.00	0.00	1.42	0.00	0.00
30	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	---	---	---	---	---	---	0.00	---	0.00	0.00	---
Total	0.23	---	---	---	---	---	0.38	0.42	0.37	2.37	2.00	1.39
Max	0.17	---	---	---	---	---	0.25	0.15	0.22	1.42	0.98	0.54