

Water-Data Report 2013

06719560 LENA GULCH AT LAKEWOOD, CO

South Platte Basin
Clear Creek Subbasin

LOCATION.--Lat 39°44'25.45", long 105°08'55.8" referenced to North American Datum of 1983, in SE ¼ SE ¼ sec.31, T.3 S., R.69 W., Jefferson County, CO, Hydrologic Unit 10190004, on right bank 100 ft north of West 15th Drive, at Arbutus Street, in Lakewood. Prior to April 1, 2013, crest-stage gage only site.

DRAINAGE AREA.--9.06 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1973 to September 1980, July 1985 to September 2007 and April 2009 to September 2012 (annual seasonal-maximum only). April 2013 to September 2013 (seasonal records only). Published as "at Alkire at Golden, CO", 1986-87.

REVISED RECORDS.--WDR-US-2012: Drainage area.

GAGE.--Water-stage recorder with satellite telemetry and crest-stage gage. Elevation of gage is 5,610 ft above NGVD of 1929, from topographic map. Prior to April 2013, crest-stage gage only. Oct. 1973 to July 5, 1988, at site approximately 700 ft downstream at Alkire Street, at datum 8.47 ft lower.

REMARKS.--No estimated daily discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.--(seasonal only) Maximum discharge, 641 ft³/s, July 20, 1975, gage height, 14.41 ft; minimum daily, 0.78 ft³/s, July 20, 2013.

EXTREMES FOR CURRENT YEAR.--(seasonal only) Maximum discharge, 546 ft³/s, Sept. 9, gage height, 13.62 ft; minimum daily, 0.78 ft³/s, July 20.

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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 | --- | --- | --- | --- | --- | --- | 1.2 | 18 | 1.7 | 1.3 | 0.84 | 1.2 |
| 2 | --- | --- | --- | --- | --- | --- | 2.1 | 6.0 | 1.6 | 3.1 | 0.80 | 1.2 |
| 3 | --- | --- | --- | --- | --- | --- | 2.4 | 4.8 | 1.5 | 1.3 | 5.2 | 1.2 |
| 4 | --- | --- | --- | --- | --- | --- | 1.3 | 3.1 | 1.7 | 1.1 | 2.7 | 1.3 |
| 5 | --- | --- | --- | --- | --- | --- | 1.2 | 2.4 | 3.1 | 1.0 | 1.2 | 1.2 |
| 6 | --- | --- | --- | --- | --- | --- | 1.1 | 2.3 | 1.7 | 3.9 | 0.92 | 1.2 |
| 7 | --- | --- | --- | --- | --- | --- | 1.1 | 2.7 | 1.6 | 1.7 | 0.89 | 1.3 |
| 8 | --- | --- | --- | --- | --- | --- | 1.2 | 8.4 | 1.6 | 1.2 | 0.90 | 1.2 |
| 9 | --- | --- | --- | --- | --- | --- | 6.6 | 13 | 1.4 | 1.0 | 1.9 | 52 |
| 10 | --- | --- | --- | --- | --- | --- | 2.1 | 4.3 | 1.4 | 1.00 | 0.92 | 29 |
| 11 | --- | --- | --- | --- | --- | --- | 2.8 | 2.8 | 1.3 | 1.5 | 1.6 | 87 |
| 12 | --- | --- | --- | --- | --- | --- | 1.9 | 2.5 | 1.3 | 4.1 | 5.7 | 159 |
| 13 | --- | --- | --- | --- | --- | --- | 1.3 | 2.3 | 1.3 | 43 | 11 | 85 |
| 14 | --- | --- | --- | --- | --- | --- | 3.3 | 2.2 | 1.3 | 12 | 2.0 | 20 |
| 15 | --- | --- | --- | --- | --- | --- | 4.3 | 2.4 | 1.3 | 6.4 | 1.3 | 28 |
| 16 | --- | --- | --- | --- | --- | --- | 6.2 | 2.4 | 1.5 | 1.6 | 1.1 | 19 |
| 17 | --- | --- | --- | --- | --- | --- | 5.1 | 2.1 | 1.6 | 1.1 | 1.0 | 8.6 |
| 18 | --- | --- | --- | --- | --- | --- | 4.5 | 2.4 | 1.3 | 0.87 | 0.95 | 6.3 |
| 19 | --- | --- | --- | --- | --- | --- | 3.3 | 2.8 | 1.2 | 0.82 | 0.95 | 5.5 |
| 20 | --- | --- | --- | --- | --- | --- | 4.2 | 4.3 | 1.1 | 0.78 | 1.0 | 5.3 |
| 21 | --- | --- | --- | --- | --- | --- | 2.7 | 2.4 | 1.2 | 0.85 | 1.0 | 4.7 |
| 22 | --- | --- | --- | --- | --- | --- | 2.8 | 1.9 | 1.2 | 1.0 | 5.3 | 4.6 |
| 23 | --- | --- | --- | --- | --- | --- | 8.1 | 2.1 | 1.4 | 1.1 | 2.7 | 13 |
| 24 | --- | --- | --- | --- | --- | --- | 8.1 | 1.9 | 3.0 | 0.84 | 1.7 | 4.7 |
| 25 | --- | --- | --- | --- | --- | --- | 4.7 | 1.8 | 1.3 | 0.95 | 1.5 | 4.3 |
| 26 | --- | --- | --- | --- | --- | --- | 2.8 | 1.6 | 1.2 | 0.95 | 1.2 | 4.1 |
| 27 | --- | --- | --- | --- | --- | --- | 2.3 | 1.7 | 1.1 | 1.5 | 1.2 | 11 |
| 28 | --- | --- | --- | --- | --- | --- | 2.1 | 1.6 | 1.1 | 2.4 | 1.1 | 6.0 |
| 29 | --- | --- | --- | --- | --- | --- | 2.0 | 8.7 | 1.4 | 2.1 | 1.1 | 4.3 |
| 30 | --- | --- | --- | --- | --- | --- | 2.0 | 2.8 | 1.2 | 1.3 | 1.3 | 3.6 |
| 31 | --- | --- | --- | --- | --- | --- | --- | 2.0 | --- | 1.1 | 1.3 | --- |
| Total | --- | --- | --- | --- | --- | --- | 94.8 | 119.7 | 44.6 | 102.86 | 62.27 | 574.8 |
| Mean | --- | --- | --- | --- | --- | --- | 3.16 | 3.86 | 1.49 | 3.32 | 2.01 | 19.2 |
| Max | --- | --- | --- | --- | --- | --- | 8.1 | 18 | 3.1 | 43 | 11 | 159 |
| Min | --- | --- | --- | --- | --- | --- | 1.1 | 1.6 | 1.1 | 0.78 | 0.80 | 1.2 |
| Ac-ft | --- | --- | --- | --- | --- | --- | 188 | 237 | 88 | 204 | 124 | 1,140 |

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