

Water-Data Report 2011

07099238 TELLER RESERVOIR SPILLWAY NEAR STONE CITY, CO

Upper Arkansas Basin
Upper Arkansas Subbasin

LOCATION.--Lat 38°26'20", long 104°49'15" referenced to North American Datum of 1983, in NE ¼ SW ¼ sec.31, T.18 S., R.66 W., Pueblo County, CO, Hydrologic Unit 11020002, on Fort Carson Military Reservation, on right bank 0.4 mi southeast of Teller Reservoir Dam on Turkey Creek, and 1.2 mi southeast of Stone City.

DRAINAGE AREA.--71.5 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 2000 to September 2004, October 2004 to current year (seasonal records only).

GAGE.--Water-stage recorder with satellite telemetry, crest-stage gage, and broad-crested weir. Elevation of gage is 5,480 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records poor. Records represent uncontrolled overflow from Teller Reservoir and local storm runoff. There was no overflow from Teller Reservoir during the year. Published flows represent local storm runoff.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 65 ft³/s, July 12, 2007, gage height, 4.35 ft, from rating curve based on open-channel flow computations; no flow on many days.

EXTREMES FOR CURRENT YEAR.--(seasonal only) Maximum discharge, 21 ft³/s, Aug. 2, gage height, 3.89 ft, from rating curve based on open-channel flow computations; no flow on many days.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
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	0.49	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	0.00	0.00
5	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00
8	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	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	1.6
15	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.29
16	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
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	0.87	0.00	0.00
29	0.00	---	---	---	---	---	0.00	0.00	0.00	0.01	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	0.00	---	---	---	---	---	0.00	0.00	0.00	0.88	0.49	1.89
Mean	0.00	---	---	---	---	---	0.00	0.00	0.00	0.03	0.02	0.06
Max	0.00	---	---	---	---	---	0.00	0.00	0.00	0.87	0.49	1.6
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	1.7	1.0	3.7

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