

Water-Data Report 2011

07099215 TURKEY CREEK NEAR FOUNTAIN, CO

Upper Arkansas Basin
Upper Arkansas Subbasin

LOCATION.--Lat 38°36'42", long 104°53'39" referenced to North American Datum of 1927, in NW ¼ SE ¼ sec.33, T.16 S., R.67 W., El Paso County, CO, Hydrologic Unit 11020002, on Fort Carson Military Reservation, on left bank 100 ft downstream from State Highway 115 bridge, 0.7 mi downstream from Turkey Canyon, 0.8 mi upstream from Turkey Creek Ranch, and 9.4 mi southwest of Fountain.

DRAINAGE AREA.--13.0 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 1978 to September 1989, May 1995 to September 1998, April 1999 to current year (seasonal records only).

REVISED RECORDS.--WDR CO-80-1: 1978-79 (M). WDR CO-96-1: 1980 (M), 1982-86 (M).

GAGE.--Water-stage recorder with satellite telemetry and crest-stage gage. Elevation of gage is 6,420 ft above NGVD of 1929, from topographic map. Prior to June 14, 2001, at datum 1.00 ft higher.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Natural flow of stream affected by upstream diversions for irrigation and livestock.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 850 ft³/s, June 10, 1997, from slope-area measurement of peak flow, gage height, 6.56 ft, from floodmarks; no flow on many days during many years.

EXTREMES FOR CURRENT YEAR.--(seasonal only) Maximum discharge, 44 ft³/s, Sept. 15, gage height, 2.83 ft; no flow on many days.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES
[e, estimated]

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	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	e0.09
15	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	e13
16	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	e1.5
17	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	e0.74
18	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	e0.58
19	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	e0.67
20	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	e0.53
21	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	e0.37
22	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	e0.28
23	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.13
24	0.00	---	---	---	---	---	0.02	0.00	0.00	0.00	0.00	0.03
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	e0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
29	e0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
30	e0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
31	e0.00	---	---	---	---	---	---	0.00	---	0.00	0.00	---
Total	0.00	---	---	---	---	---	0.02	0.00	0.00	0.00	0.00	17.92
Mean	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.60
Max	0.00	---	---	---	---	---	0.02	0.00	0.00	0.00	0.00	13
Min	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
Ac-ft	0.00	---	---	---	---	---	0.04	0.00	0.00	0.00	0.00	36

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