Water-Data Report 2013

08130700 Spring Creek above Twin Buttes Reservoir near San Angelo, TX

Middle Colorado-Concho Basin
South Concho Subbasin

LOCATION.--Lat 31°19′51″, long 100°36′02″ referenced to North American Datum of 1927, Tom Green County, TX, Hydrologic Unit 12090102, on right bank at confluence of Spring and Dove Creeks, 2.3 mi downstream from Spring Creek above Tankersley (station 08129300), 4.3 mi downstream from Dove Creek at Knickerbocker (station 08130500), 4.9 mi upstream from Twin Buttes Reservoir Dam, and 13.2 mi southwest of San Angelo.

DRAINAGE AREA.--688 mi^2 of which 31 mi^2 probably is noncontributing.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Oct. 2001 to Sept. 2003 (daily mean discharges less than 12 ft^3/s), Oct. 2003 to current year (daily mean discharges less than 57 ft^3/s).

GAGE.--Water-stage recorder and concrete dam. Elevation of gage is 1,950 ft above NGVD of 1929, from topographic map. Satellite telemeter at station.

REMARKS.--Records good. No known regulation or diversions. No flow many days most years.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 5.65 ft, Nov. 17, 2004 (discharge not determined); minimum, no flow some days.

REVISIONS.--WDR-US-2008: 2007.

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 08130700, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/08130700.2013.pdf

08130700 Spring Creek above Twin Buttes Reservoir near San Angelo, TX—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	---	1.1	5.2	6.5	5.0	5.2	4.3	0.36	0.48	0.00	0.00	0.00
2	18	3.2	5.1	6.5	6.1	5.6	5.3	0.21	0.71	0.00	0.00	0.00
3	11	3.7	4.3	6.7	5.7	5.5	6.1	0.16	0.58	0.00	0.00	0.00
4	9.0	3.5	2.1	10	5.5	4.7	5.8	0.00	0.43	0.00	0.00	0.00
5	9.0	4.3	0.54	9.2	5.3	3.1	5.4	0.00	0.29	0.00	0.00	0.00
6	9.0	2.6	0.34	8.3	5.2	0.98	4.1	0.00	0.26	0.00	0.00	0.00
7	8.4	1.8	0.20	7.9	5.6	0.70	3.7	0.00	0.60	0.00	0.00	0.00
8	8.1	1.4	0.07	8.1	5.7	1.0	3.3	0.00	0.58	0.00	0.00	0.00
9	7.5	1.8	0.51	15	5.3	2.8	2.0	0.00	0.76	0.00	0.00	0.00
10	7.5	1.6	2.9	16	6.0	2.8	1.5	0.00	0.51	0.00	0.00	0.00
11	7.8	1.1	1.2	12	6.4	1.6	1.8	0.00	0.00	0.00	0.00	0.00
12	7.2	1.1	1.1	10	4.6	1.1	1.6	0.00	0.00	0.00	0.00	0.00
13	7.2	1.5	2.5	8.8	3.4	0.81	1.5	0.00	0.00	0.00	0.00	0.00
14	6.6	3.4	2.0	8.3	1.9	0.25	0.96	0.00	0.00	0.00	0.00	0.00
15	6.4	4.8	2.1	7.7	1.8	0.00	0.84	0.00	0.00	0.00	0.00	0.00
16	5.4	4.8	2.9	7.5	3.3	0.00	1.2	0.00	0.00	0.00	0.00	0.00
17	5.1	4.9	2.3	7.6	4.3	0.00	0.99	0.00	0.00	0.00	0.00	0.00
18	4.9	3.4	3.8	7.8	4.8	0.01	1.5	0.00	0.00	---	0.00	0.00
19	4.6	2.0	3.3	7.8	2.5	0.01	1.0	0.00	0.00	16	0.00	0.00
20	4.2	1.1	3.1	7.8	1.8	0.01	0.87	0.00	0.00	5.0	0.00	8.4
21	3.3	1.5	4.2	7.9	2.2	0.09	0.86	0.00	0.00	2.4	0.00	13
22	2.0	2.3	5.1	7.7	2.0	0.74	0.81	0.00	0.00	1.5	0.00	2.1
23	2.3	2.2	4.8	8.6	0.69	0.82	0.71	0.01	0.00	1.0	0.00	0.41
24	3.3	2.2	3.1	8.8	1.8	0.52	0.74	10	0.00	0.42	0.00	0.01
25	2.3	3.7	1.7	8.2	3.6	0.96	1.0	3.9	0.00	0.11	0.00	0.00
26	1.6	3.5	1.4	7.8	3.8	1.1	0.92	2.5	0.00	0.00	0.00	0.00
27	1.7	3.3	3.6	7.9	4.7	1.1	0.69	1.6	0.00	0.00	0.00	0.00
28	1.4	3.6	4.8	7.7	4.7	1.2	0.66	1.8	0.00	0.00	0.00	0.00
29	1.5	3.5	5.0	7.7	---	1.4	0.49	1.3	0.00	0.00	0.00	0.00
30	1.7	4.2	5.3	6.2	---	1.8	0.38	0.65	0.00	0.00	0.00	0.00
31	1.2	---	5.7	4.9	---	3.1	---	0.45	---	0.00	0.00	---
Total	---	83.1	90.26	262.9	113.69	49.00	61.02	22.94	5.20	---	0.00	23.92
Mean	---	2.77	2.91	8.48	4.06	1.58	2.03	0.74	0.17	---	0.00	0.80
Max	---	4.9	5.7	16	6.4	5.6	6.1	10	0.76	---	0.00	13
Min	---	1.1	0.07	4.9	0.69	0.00	0.38	0.00	0.00	---	0.00	0.00
Ac-ft	---	165	179	521	226	97	121	46	10	---	0.00	47