08117995 Colorado River near Gail, TX

Upper Colorado Basin
Colorado Headwaters Subbasin

LOCATION.--Lat 32°37′43″, long 101°17′06″ referenced to North American Datum of 1927, Borden County, TX, Hydrologic Unit 12080002, near right downstream end of bridge on FM 1205, 5.0 mi north of junction with FM 1785, 13 mi southeast of Gail, 14 mi northwest of Vincent, and 25 mi west of Ira.

DRAINAGE AREA.--498 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Mar. 1988 to current year.

REVISED RECORDS.--WRD TX-01-4: 1988-91 (maximum only, 1989-91). WRD TX-02-4: 1988-2001 (M).

GAGE.--Water-stage recorder. Elevation of gage is 2,240 ft above NGVD of 1929, from topographic map. Satellite telemeter at station.

REMARKS.--Records good, except for estimated daily discharges, which are poor.. No known regulation or diversions.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 299 ft^3/s and (or) maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Jun 18	1600	*1,450	*14.80
Aug 15	1300	376	7.74

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 08117995, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/08117995.2013.pdf

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

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
2	1.1	0.00	0.00	0.00	0.00	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	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	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	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	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	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	0.00	0.95	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	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	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	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	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	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	0.00	0.00	0.00	8.1	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	258	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.4	185	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	55	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	e986	10	9.5	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	e504	38	1.3	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	139	50	0.06	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10	4.8	0.00	0.00
22	13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.4	1.2	0.00	0.00
23	19	0.00	0.00	0.00	0.00	0.00	0.00	e400	1.4	0.22	0.00	0.00
24	3.1	0.00	0.00	0.00	0.00	0.00	0.00	e100	0.24	0.00	0.00	0.00
25	0.07	0.00	0.00	0.00	0.00	0.00	0.00	e50	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	e25	17	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	e5.0	21	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	e10	5.0	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	61	0.71	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	9.0	3.5	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.64	---	0.00	0.00	---
Total	54.27	0.00	0.00	0.00	0.00	0.00	0.00	660.64	1,692.20	106.25	516.96	0.00
Mean	1.75	0.00	0.00	0.00	0.00	0.00	0.00	21.3	56.4	3.43	16.7	0.00
Max	19	0.00	0.00	0.00	0.00	0.00	0.00	400	986	50	258	0.00
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ac-ft	108	0.00	0.00	0.00	0.00	0.00	0.00	1,310	3,360	211	1,030	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2013, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	8.76	8.92	1.42	1.15	2.41	4.35	8.64	22.7	32.5	9.67	13.9	16.6
Max	78.9	179	15.6	8.42	23.8	51.2	72.4	263	166	76.1	166	87.1
(WY)	(2001)	(2005)	(1992)	(1992)	(1992)	(2000)	(2010)	(1992)	(1992)	(1988)	(2005)	(2008)
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(WY)	(1990)	(1990)	(1990)	(1995)	(1991)	(1991)	(1991)	(1993)	(1990)	(1994)	(1994)	(1997)

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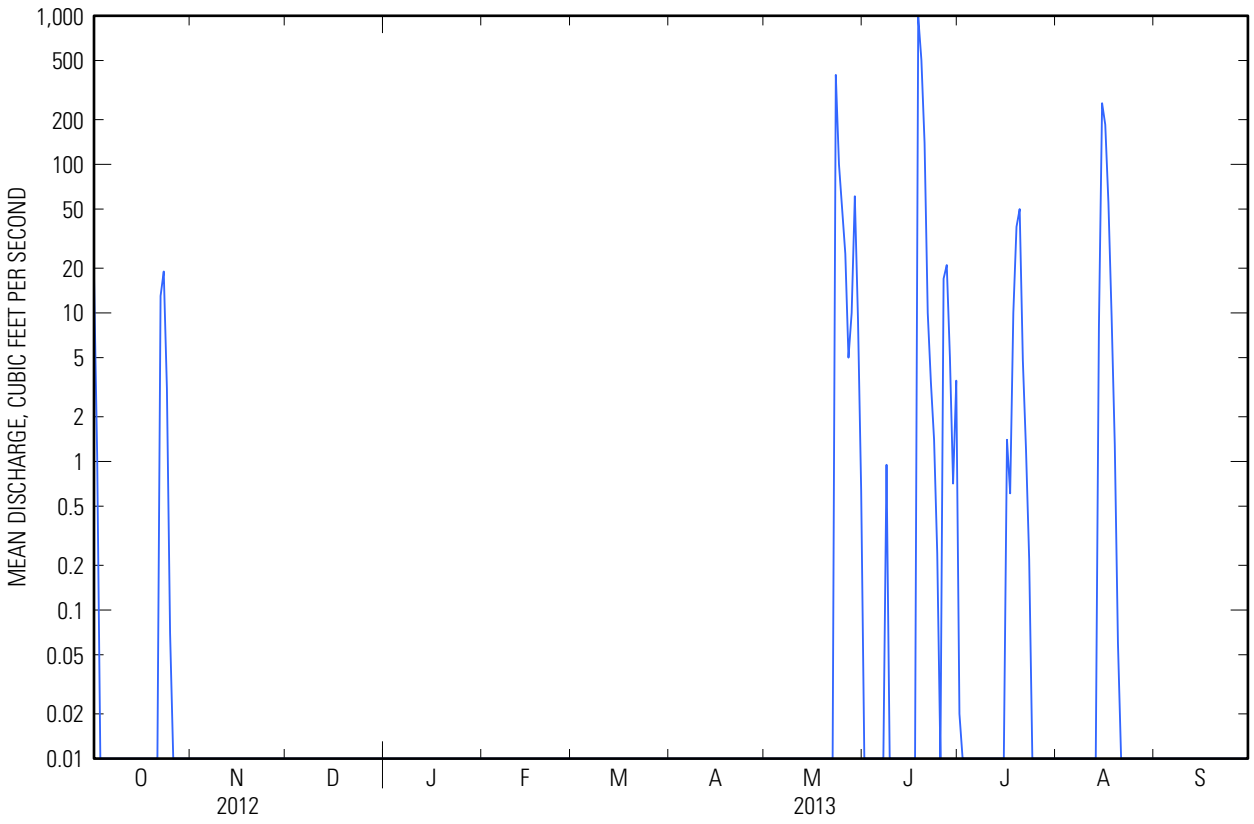
SUMMARY STATISTICS

	Calendar Year 2012		Water Year 2013		Water Years 1988 - 2013	
Annual total	973.78		3,030.32			
Annual mean	2.66		8.30		10.8	
Highest annual mean					46.2	1992
Lowest annual mean					0.03	2011
Highest daily mean	394	Sep 29	986	Jun 18	2,580	Aug 15, 2005
Lowest daily mean	0.00	Jan 1	0.00	Oct 3	0.00	Jun 7, 1988
Annual seven-day minimum	0.00	Jan 1	0.00	Oct 3	0.00	Jun 7, 1988
Maximum peak flow			1,450	Jun 18	[c]3,250	Nov 17, 2004
Maximum peak stage			14.80	Jun 18	[a]18.15	Nov 17, 2004
Annual runoff (ac-ft)	1,930		6,010		7,850	
10 percent exceeds	0.00		0.81		6.5	
50 percent exceeds	0.00		0.00		0.00	
90 percent exceeds	0.00		0.00		0.00	

[a] From floodmark.
[c] From rating curve extended above current-meter discharge measurement of 2880 cfs.