08206910 Choke Canyon Reservoir (Outlet Works Channel) near Three Rivers, TX

Nueces Basin
Lower Frio Subbasin

LOCATION.--Lat 28°29′09″, long 98°14′29″ referenced to North American Datum of 1927, Live Oak County, TX, Hydrologic Unit 12110108, 0.2 mi downstream from Choke Canyon Dam on Frio River, 3.7 mi upstream from Atascosa River, and 3.8 mi west of Three Rivers.

DRAINAGE AREA.--5,490 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Nov. 1991 to Sept. 1999 (daily mean discharges less than 73 ft^3/s), Oct. 1999 to current year (daily mean discharges less than 1,130 ft^3/s).

GAGE.--Water-stage recorder. Datum of gage is 124.06 ft above NGVD of 1929. Satellite telemeter at station.

REMARKS.--Records fair. Since installation of gage, flows have been frequently regulated by Choke Canyon Dam. Flow at times is affected by backwater from the spillway of Choke Canyon Reservoir and from the Atascosa River. Some records listed in the "Period of Record" for surface water may not be available electronically.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, about 38 ft (backwater), Sept. 11, 2002 (discharge not determined); no flow many days.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 5.63 ft, May 26; minimum daily discharge, 26 ft^3/s, Aug. 28.

Suggested citation: U.S. Geological Survey, 2012, Water-resources data for the United States, Water Year 2011: U.S. Geological Survey Water-Data Report WDR-US-2011, site 08206910, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/08206910.2011.pdf

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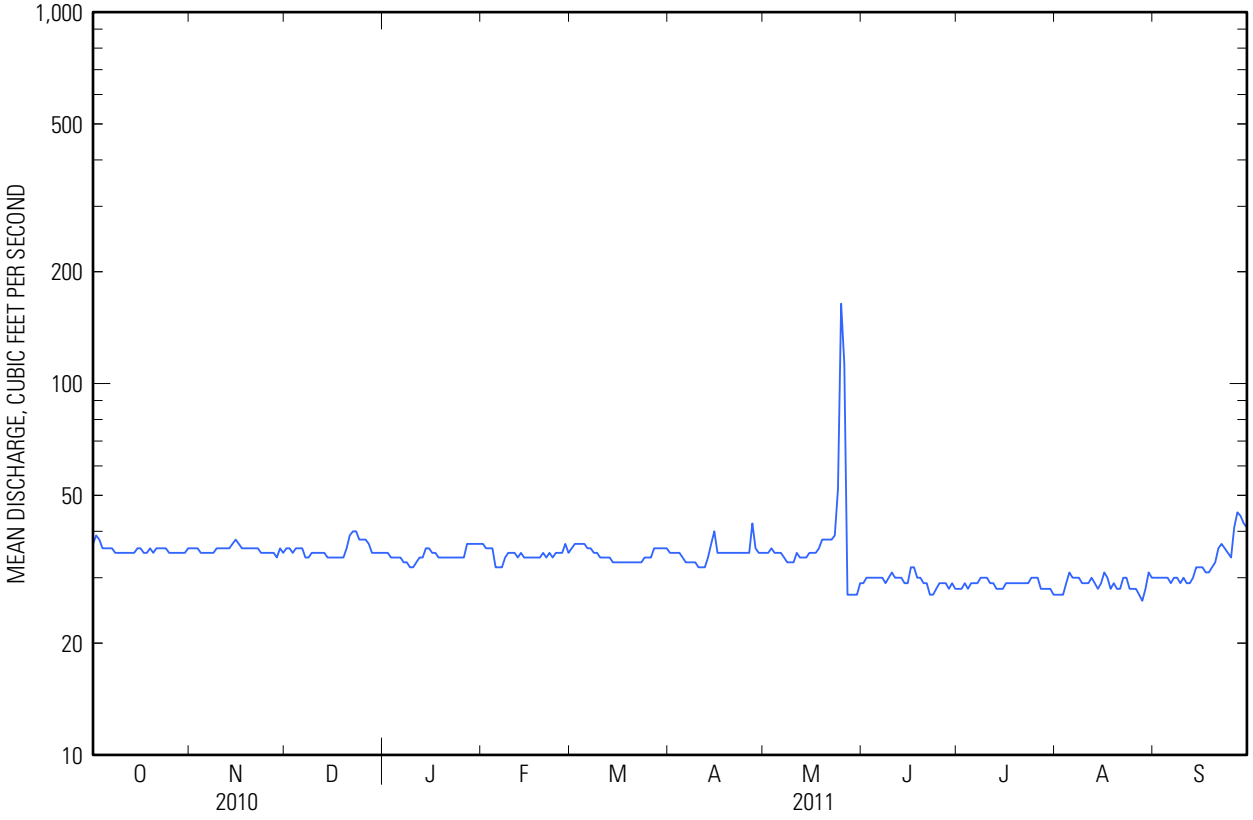
DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	37	36	36	e35	37	36	35	35	29	28	27	30
2	39	36	36	e35	36	37	35	35	30	28	27	30
3	38	36	35	34	36	37	35	36	30	29	27	30
4	36	35	36	34	36	37	35	35	30	28	29	30
5	36	35	e36	34	32	37	34	35	30	29	31	30
6	36	35	e36	34	32	36	33	35	30	29	30	29
7	36	35	34	33	32	36	33	34	30	29	30	30
8	35	35	34	33	34	35	33	33	29	30	30	30
9	35	36	35	32	35	35	33	33	30	30	29	29
10	35	36	35	32	35	34	32	33	31	30	29	30
11	35	36	35	33	35	34	32	35	30	29	29	29
12	35	36	35	34	34	34	32	34	30	29	30	29
13	35	36	35	34	35	34	34	34	30	28	29	30
14	35	37	34	36	34	33	37	34	29	28	28	32
15	36	38	34	36	34	33	40	35	29	28	29	32
16	36	37	34	35	34	33	35	35	32	29	31	32
17	35	36	34	35	34	33	35	35	32	29	30	31
18	35	36	34	34	34	33	35	36	30	29	28	31
19	36	36	34	34	34	33	35	38	30	29	29	32
20	35	36	36	34	35	33	35	38	29	29	28	33
21	36	36	39	34	34	33	35	38	29	29	28	36
22	36	36	40	34	35	33	35	38	27	29	30	37
23	36	35	40	34	34	33	35	39	27	29	30	36
24	36	35	38	34	35	34	35	52	28	30	28	35
25	35	35	38	34	35	34	35	164	29	30	28	34
26	35	35	38	34	35	34	35	113	29	30	28	41
27	35	35	37	37	37	36	42	27	29	28	27	45
28	35	34	35	37	35	36	36	27	28	28	26	44
29	35	36	35	37	---	36	35	27	29	28	28	42
30	35	35	35	37	---	36	35	27	28	28	31	41
31	36	---	e35	37	---	36	---	29	---	27	30	---
Total	1,106	1,071	1,108	1,070	968	1,074	1,046	1,279	883	893	894	1,000
Mean	35.7	35.7	35.7	34.5	34.6	34.6	34.9	41.3	29.4	28.8	28.8	33.3
Max	39	38	40	37	37	37	42	164	32	30	31	45
Min	35	34	34	32	32	33	32	27	27	27	26	29
Ac-ft	2,190	2,120	2,200	2,120	1,920	2,130	2,070	2,540	1,750	1,770	1,770	1,980

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