Water-Data Report 2012

07343450 Sulphur River at IH 30 near Dalby Springs, TX

Big Cypress-Sulphur Basin
Lower Sulphur Subbasin

LOCATION.--Lat 33°18′34″, long 94°41′53″ referenced to North American Datum of 1983, Bowie County, TX, Hydrologic Unit 11140302, on downstream right bank of eastbound IH 30, 19 mi northeast of Mount Pleasant, and 5.7 mi upstream of confluence with White Oak Creek.

DRAINAGE AREA.--1,976 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Sept. 2008 to current year.

GAGE.--Water-stage recorder. Datum of gage is 226.05 ft above NGVD of 1929. Satellite telemeter at station.

REMARKS.--Records good except those for estimated and daily mean discharges less than 10 ft^3s, which are fair. Since installation of gage, at least 10% of contributing drainage area has been regulated.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 34,500 ft^3s, May 13, 2009, gage height 34.60 ft; minimum, 0.53 ft^3s, Oct. 7, 8, 2011, gage height 6.52 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 79,800 ft^3s, Dec., 2001 at upstream station 07343200 Sulphur River near Talco; no flow at times.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 31,000 ft^3s, Mar. 24, gage height 33.96 ft; minimum, 0.53 ft^3s, Oct. 7, 8, gage height, 6.52 ft.

Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 07343450, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/07343450.2012.pdf

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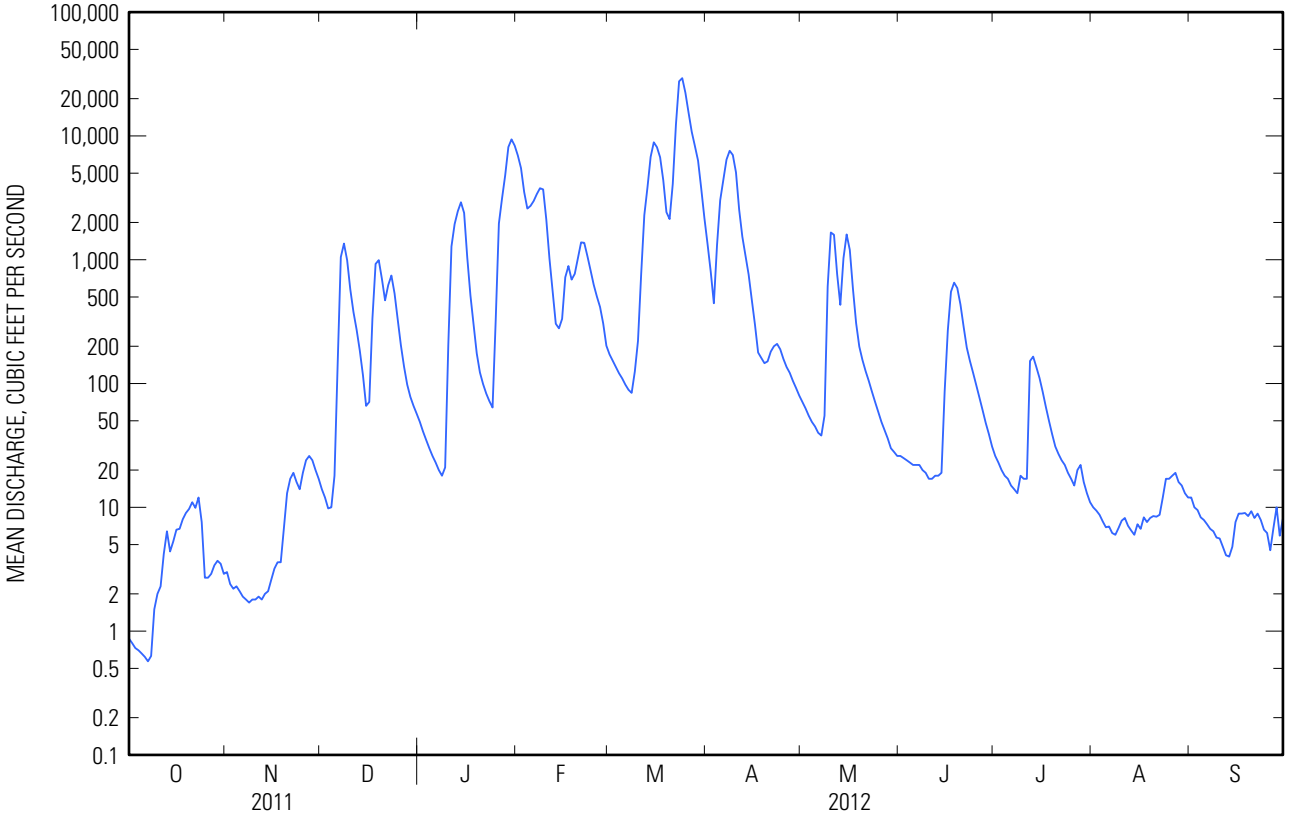
DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.87	3.0	14	49	6,940	172	1,340	71	26	26	10	12
2	0.80	2.4	12	41	5,490	153	805	63	25	23	9.4	10
3	0.73	2.2	9.8	35	3,520	136	445	55	24	20	8.7	9.5
4	0.70	2.3	10	30	2,590	121	1,310	49	23	18	7.7	8.3
5	0.66	2.1	18	26	2,720	110	3,020	45	22	17	6.9	7.9
6	0.62	1.9	143	23	2,980	98	4,420	40	22	15	7.0	7.3
7	0.57	1.8	1,050	20	3,390	89	6,440	38	22	14	6.2	6.7
8	0.63	1.7	1,350	18	3,780	84	7,590	55	20	13	6.0	6.4
9	1.5	1.8	992	21	3,700	125	7,010	607	19	18	6.8	5.7
10	2.0	1.8	576	204	2,110	221	5,070	1,660	17	17	7.8	5.6
11	2.3	1.9	378	1,280	1,020	759	2,540	1,590	17	17	8.2	4.8
12	4.2	1.8	272	1,940	557	2,290	1,540	762	18	152	7.1	4.1
13	6.4	2.0	185	2,460	304	3,840	1,080	432	18	165	6.5	4.0
14	4.4	2.1	117	2,910	279	6,770	759	1,030	19	136	6.0	4.8
15	5.3	2.6	66	2,390	333	8,880	e474	1,600	86	111	7.3	7.6
16	6.6	3.2	71	1,040	722	8,110	e299	1,200	268	86	6.7	8.9
17	6.7	3.6	335	515	889	6,720	178	580	551	65	8.3	8.9
18	8.0	3.6	925	299	691	4,380	161	307	653	50	7.6	9.0
19	9.0	6.8	992	175	769	2,420	146	199	590	39	8.2	8.5
20	9.7	13	700	123	1,030	2,130	151	155	435	31	8.5	9.3
21	11	17	470	99	1,380	4,090	181	126	288	27	8.4	8.2
22	9.9	e19	624	83	1,370	12,300	200	105	195	24	8.7	8.9
23	12	16	745	72	1,070	27,600	209	86	152	22	12	7.9
24	7.6	14	534	64	821	29,300	189	71	122	19	17	6.6
25	2.7	19	329	328	627	22,300	158	59	97	17	17	6.2
26	2.7	24	204	1,960	504	15,400	136	49	77	15	18	4.5
27	2.9	26	137	3,130	415	10,800	122	42	61	20	19	6.8
28	3.4	24	98	4,820	305	8,290	105	36	48	22	16	10
29	3.7	20	78	8,130	202	6,320	92	30	39	16	15	5.9
30	3.5	17	66	9,380	---	3,770	80	28	31	13	13	8.1
31	2.9	---	57	8,350	---	2,180	---	26	---	11	12	---
Mean	4.32	8.59	373	1,613	1,742	6,128	1,542	361	133	40.0	9.90	7.41
Max	12	26	1,350	9,380	6,940	29,300	7,590	1,660	653	165	19	12
Min	0.57	1.7	9.8	18	202	84	80	26	17	11	6.0	4.0
Med	3.4	3.1	204	204	1,020	3,770	372	71	35	20	8.3	7.7
Ac-ft	266	511	22,920	99,200	100,200	376,800	91,740	22,210	7,900	2,460	609	441
Cfsm	0.00	0.00	0.19	0.82	0.88	3.10	0.78	0.18	0.07	0.02	0.01	0.00

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