

Water-Data Report 2011

**08104900 South Fork San Gabriel River at Georgetown, TX**

Little Basin  
San Gabriel Subbasin

LOCATION.--Lat 30°37'32", long 97°41'27" referenced to North American Datum of 1927, Williamson County, TX, Hydrologic Unit 12070205, on right bank at downstream side of downstream bridge on Interstate Highway 35, 1.1 mi southwest of the courthouse at Georgetown, and 2.4 mi upstream from mouth.

DRAINAGE AREA.--133 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Oct. 1947 to Sept. 1948, Sept. 1962 to Oct. 1967 (occasional low-flow measurements). Dec. 1967 to current year.

PERIOD OF RECORD, Water-Quality.--

CHEMICAL DATA: Oct. 1962 to June 1963, Apr. 1978 to Feb. 1979.

BIOCHEMICAL DATA: Oct. 1962 to June 1963.

REVISED RECORDS.--WDR TX-76-2: Drainage area. WDR US-2007: 2001 (M).

GAGE.--Water-stage recorder. Datum of gage is 687.72 ft above NGVD of 1929. Satellite telemeter at station.

REMARKS.--Records fair except for estimated daily discharges, and those daily discharges below 5 ft<sup>3</sup>/s, which are poor. No known regulation or diversions. No flow at times. Some records listed in the "Period of Record" for surface water and water quality may not be available electronically.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1887, about 41 ft Apr. 24, 1957, from information by local residents.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,500 ft<sup>3</sup>/s and (or) maximum (\*):

Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
Feb 11	0815	*79	*2.84

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

<b>Day</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>1</b>	24	10	3.7	6.9	8.5	4.6	2.6	e1.1	0.04	e0.16	0.08	0.01
<b>2</b>	24	11	3.9	6.2	7.1	3.9	3.1	e1.0	0.04	e0.15	0.07	0.01
<b>3</b>	23	11	4.1	6.1	7.1	4.0	3.5	e1.0	0.04	e0.14	0.08	e0.01
<b>4</b>	20	11	6.6	5.4	7.3	3.7	3.5	e0.95	0.04	e0.13	0.07	e0.01
<b>5</b>	20	10	6.5	5.8	7.1	4.6	2.9	e0.90	0.04	e0.12	0.06	e0.01
<b>6</b>	20	11	5.3	4.3	7.3	4.8	1.8	e0.85	0.04	e0.11	0.07	e0.01
<b>7</b>	18	10	4.0	4.2	6.2	5.1	1.6	e0.80	0.04	e0.10	0.06	0.01
<b>8</b>	17	9.4	4.4	5.1	5.3	4.6	1.7	e0.75	0.04	e0.10	e0.06	0.01
<b>9</b>	16	8.9	4.1	27	6.6	3.8	1.7	e0.70	0.04	e0.09	e0.06	0.01
<b>10</b>	16	8.4	4.3	18	6.9	e3.9	2.6	e0.65	0.04	e0.08	e0.05	0.01
<b>11</b>	17	8.2	5.9	16	7.6	3.4	2.8	e0.60	0.04	e0.07	e0.04	0.02
<b>12</b>	16	8.2	6.3	11	6.3	3.8	3.0	e0.55	0.04	0.06	e0.03	0.01
<b>13</b>	15	8.6	5.9	9.6	6.7	4.5	2.0	e0.50	0.04	0.06	e0.02	0.01
<b>14</b>	14	8.0	5.7	8.7	6.2	4.8	1.7	e0.45	0.04	0.06	e0.01	0.01
<b>15</b>	14	7.2	4.5	11	6.1	3.4	1.9	e0.40	0.04	0.06	e0.01	0.01
<b>16</b>	16	5.9	4.6	22	5.2	3.3	1.9	e0.36	0.04	0.06	e0.01	0.02
<b>17</b>	15	6.1	4.1	16	5.2	3.2	2.2	e0.36	0.03	0.06	e0.01	0.02
<b>18</b>	15	5.5	5.0	11	5.3	3.1	2.1	e0.23	0.03	0.06	e0.01	0.02
<b>19</b>	13	5.1	5.8	8.7	5.8	3.1	e1.7	0.17	0.04	0.06	e0.01	0.02
<b>20</b>	12	7.4	5.6	8.4	6.3	2.8	e1.6	0.11	0.03	0.06	e0.01	0.02
<b>21</b>	12	7.7	4.8	7.6	6.2	4.3	e1.6	0.05	0.02	0.05	e0.01	0.02
<b>22</b>	12	7.3	4.7	8.2	5.1	4.3	e1.5	0.05	0.75	0.05	e0.01	0.02
<b>23</b>	13	7.2	4.5	7.8	4.3	4.1	e1.5	0.04	e0.23	0.05	e0.01	0.02
<b>24</b>	13	7.4	13	7.3	4.8	e3.1	e1.4	0.04	e0.20	0.05	e0.01	0.02
<b>25</b>	13	7.6	12	6.2	4.7	2.8	e1.4	0.04	e0.20	0.05	e0.01	0.02
<b>26</b>	11	6.8	8.3	5.3	5.2	3.1	e1.3	0.05	e0.19	0.05	0.01	0.01
<b>27</b>	10	7.0	7.6	5.6	6.3	3.7	e1.3	0.04	e0.19	0.05	0.01	0.02
<b>28</b>	9.6	6.9	6.7	5.6	5.3	3.4	e1.3	0.05	e0.18	0.06	0.01	0.02
<b>29</b>	8.5	6.7	7.9	6.3	---	3.3	e1.2	0.04	e0.18	0.06	0.01	0.01
<b>30</b>	9.4	5.6	7.2	7.2	---	2.6	e1.2	0.04	e0.17	0.06	0.01	0.01
<b>31</b>	10	---	7.4	6.9	---	2.2	---	0.04	---	0.11	0.01	---
<b>Total</b>	466.5	241.1	184.4	285.4	172.0	115.3	59.6	12.91	3.08	2.43	0.93	0.43
<b>Mean</b>	15.0	8.04	5.95	9.21	6.14	3.72	1.99	0.42	0.10	0.08	0.03	0.01
<b>Max</b>	24	11	13	27	8.5	5.1	3.5	1.1	0.75	0.16	0.08	0.02
<b>Min</b>	8.5	5.1	3.7	4.2	4.3	2.2	1.2	0.04	0.02	0.05	0.01	0.01
<b>Ac-ft</b>	925	478	366	566	341	229	118	26	6.1	4.8	1.8	0.9

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 2011, BY WATER YEAR (WY)**

	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>Mean</b>	37.5	41.7	44.1	47.3	69.7	69.5	66.5	82.8	112	35.8	13.1	25.8
<b>Max</b>	271	423	489	441	711	367	445	329	851	355	131	306
(WY)	(2010)	(2002)	(1992)	(1968)	(1992)	(1992)	(1997)	(1997)	(2007)	(2002)	(1974)	(1981)
<b>Min</b>	0.06	0.10	0.17	0.16	0.57	1.10	0.89	0.24	0.10	0.08	0.03	0.01
(WY)	(2009)	(2009)	(2009)	(2009)	(2006)	(1996)	(1996)	(1984)	(2011)	(2011)	(2011)	(2011)

**08104900 South Fork San Gabriel River at Georgetown, TX—Continued****SUMMARY STATISTICS**

	<b>Calendar Year 2010</b>	<b>Water Year 2011</b>	<b>Water Years 1968 - 2011</b>	
<b>Annual total</b>	28,056.11	1,544.08		
<b>Annual mean</b>	76.9	4.23	51.9	
<b>Highest annual mean</b>			203	1992
<b>Lowest annual mean</b>			2.00	2000
<b>Highest daily mean</b>	6,290	Sep 8	27	Jan 9
<b>Lowest daily mean</b>	0.00	Aug 21	0.01	Aug 14
<b>Annual seven-day minimum</b>	0.00	Aug 21	0.01	Aug 14
<b>Maximum peak flow</b>			79	Feb 11
<b>Maximum peak stage</b>			2.84	Feb 11
<b>Annual runoff (ac-ft)</b>	55,650		3,060	37,610
<b>10 percent exceeds</b>	164		11	98
<b>50 percent exceeds</b>	20		2.9	11
<b>90 percent exceeds</b>	2.7		0.02	0.27

P Observed.

