

Water-Data Report 2011

**08104700 North Fork San Gabriel River near Georgetown, TX**

Little Basin  
San Gabriel Subbasin

LOCATION.--Lat 30°39'42", long 97°42'40" referenced to North American Datum of 1927, Williamson County, TX, Hydrologic Unit 12070205, on left bank 5,000 ft downstream from North Fork dam, 1.5 mi upstream from Middle Fork San Gabriel River, 2.7 mi upstream from Interstate Highway 35, 2.7 mi northwest of Georgetown, and 3.4 mi upstream from mouth.

DRAINAGE AREA.--248 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--June 1968 to current year.

PERIOD OF RECORD, Water-Quality.--

CHEMICAL DATA: Aug. 1978, Jan. 1981 to Aug. 1989.

BIOCHEMICAL DATA: Jan. 1981 to Aug. 1989.

RADIOCHEMICAL DATA: Apr. 1981.

REVISED RECORDS.--WDR TX-76-2: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 689.06 ft above NGVD of 1929. Satellite telemeter at station.

REMARKS.--Records fair except estimated daily discharges and discharges below 1.0 ft<sup>3</sup>/s, which are poor. Since water year 1980, at least 10% of contributing drainage area has been regulated. No flow at times. Some records listed in the "Period of Record" for surface water and water quality may not be available electronically.

AVERAGE DISCHARGE FOR PERIOD PRIOR TO REGULATION.--11 years (water years 1969-79), 88.1 ft<sup>3</sup>/s (63,830 acre-ft/yr).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1875, 39.5 ft in Sept. 1921. Flood in Apr. 1957 reached a stage of 34.5 ft, from information by local residents.

EXTREMES FOR PERIOD PRIOR TO REGULATION.--WATER YEARS, 1968-1979: Maximum discharge, 35,000 ft<sup>3</sup>/s Sept. 17, 1974 (gage height, 26.20 ft); no flow July 23, 24, 25, 1971.

**08104700 North Fork San Gabriel River near Georgetown, TX—Continued**

**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>	7.1	0.59	0.97	0.86	1.5	1.1	0.57	0.18	0.68	6.8	4.5	5.2
<b>2</b>	7.1	0.71	1.0	0.90	1.4	1.0	0.43	0.22	0.64	0.22	4.6	5.2
<b>3</b>	7.1	0.75	1.00	0.92	1.4	0.99	0.47	0.31	0.59	0.16	4.4	5.2
<b>4</b>	3.7	0.66	0.94	0.98	1.5	0.99	0.55	0.42	0.57	0.19	4.7	5.4
<b>5</b>	0.54	0.72	0.83	0.94	1.6	0.95	0.69	0.45	0.54	0.20	4.8	5.3
<b>6</b>	0.54	0.70	0.84	0.91	1.6	0.80	0.77	0.48	0.47	0.20	4.8	5.4
<b>7</b>	0.48	0.61	0.78	0.94	1.3	0.98	0.68	0.54	0.45	0.20	4.9	5.3
<b>8</b>	0.46	0.69	0.78	0.91	1.2	1.1	0.72	0.61	0.46	0.20	5.1	5.2
<b>9</b>	0.49	0.78	0.84	1.7	1.3	1.0	0.76	0.58	0.45	0.23	5.2	5.2
<b>10</b>	0.45	0.78	0.83	0.93	1.1	1.1	0.70	0.55	0.41	0.24	5.2	5.1
<b>11</b>	0.45	0.79	0.85	0.89	1.2	1.1	0.98	0.60	0.41	0.25	5.2	5.0
<b>12</b>	0.44	1.0	0.86	0.79	1.2	1.2	0.52	0.72	0.42	0.24	5.0	5.0
<b>13</b>	0.40	0.92	0.86	0.75	1.2	1.2	0.48	0.69	0.38	0.24	5.1	5.0
<b>14</b>	0.47	0.80	0.86	0.80	1.2	1.2	0.45	0.64	0.40	0.24	5.1	4.9
<b>15</b>	0.45	0.81	0.90	1.0	1.3	1.2	0.38	0.66	0.43	0.25	5.1	5.1
<b>16</b>	0.49	0.89	0.92	1.5	1.6	1.3	0.37	0.64	0.41	0.22	5.2	6.3
<b>17</b>	0.49	0.94	0.90	1.1	1.5	1.3	0.26	0.63	0.41	0.23	5.2	7.9
<b>18</b>	0.55	1.0	0.90	1.1	1.6	1.2	0.25	0.63	0.42	0.26	3.1	7.5
<b>19</b>	3.8	e1.1	1.0	1.1	1.6	1.3	0.23	0.66	0.46	0.28	3.5	7.7
<b>20</b>	11	e1.1	1.1	0.87	1.6	1.2	0.23	0.65	0.46	0.30	4.1	7.7
<b>21</b>	11	e1.3	1.1	0.84	1.6	1.2	0.20	0.62	0.44	0.33	4.9	7.6
<b>22</b>	12	e1.4	0.98	0.76	1.3	1.1	0.19	0.63	0.70	0.38	4.7	7.6
<b>23</b>	12	e1.5	0.90	0.71	1.3	0.81	0.18	0.62	0.56	0.40	5.0	7.5
<b>24</b>	12	1.6	1.3	0.70	1.3	0.79	0.13	0.62	0.77	0.41	5.6	7.5
<b>25</b>	9.2	1.5	1.1	0.64	1.2	0.68	0.20	0.66	0.46	0.35	6.4	7.5
<b>26</b>	0.69	1.2	1.0	0.69	1.2	0.71	0.16	0.67	0.41	0.33	8.8	7.6
<b>27</b>	0.66	1.1	0.93	0.66	1.2	0.71	0.17	0.68	0.27	2.2	8.8	4.7
<b>28</b>	0.68	1.0	0.98	0.67	0.98	0.73	0.12	0.65	6.1	5.0	8.7	0.08
<b>29</b>	0.72	1.0	0.94	0.70	---	0.72	0.17	0.52	12	4.9	8.8	0.00
<b>30</b>	0.70	0.96	1.0	0.86	---	0.64	0.23	0.54	12	4.7	8.0	0.00
<b>31</b>	0.57	---	0.91	1.1	---	0.58	---	0.68	---	4.5	5.3	---
<b>Total</b>	106.72	28.90	29.10	28.22	37.98	30.88	12.24	17.75	43.17	34.65	169.8	164.68
<b>Mean</b>	3.44	0.96	0.94	0.91	1.36	1.00	0.41	0.57	1.44	1.12	5.48	5.49
<b>Max</b>	12	1.6	1.3	1.7	1.6	1.3	0.98	0.72	12	6.8	8.8	7.9
<b>Min</b>	0.40	0.59	0.78	0.64	0.98	0.58	0.12	0.18	0.27	0.16	3.1	0.00
<b>Ac-ft</b>	212	57	58	56	75	61	24	35	86	69	337	327

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 2011<sup>2</sup>, 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>	21.7	30.8	66.0	49.4	93.3	110	70.0	72.2	122	133	22.9	39.1
<b>Max</b>	259	286	666	343	659	832	574	544	938	962	524	501
(WY)	(2008)	(2010)	(2005)	(1992)	(2010)	(1992)	(1992)	(1997)	(1992)	(1987)	(2007)	(2007)
<b>Min</b>	0.22	0.53	0.73	0.68	0.38	0.35	0.40	0.43	0.10	0.25	0.08	0.25
(WY)	(2009)	(2009)	(2009)	(2009)	(2007)	(2009)	(2008)	(2009)	(2006)	(2009)	(2006)	(2008)

**08104700 North Fork San Gabriel River near Georgetown, TX—Continued****SUMMARY STATISTICS**

	<b>Calendar Year 2010</b>		<b>Water Year 2011</b>		<b>Water Years 1980 - 2011<sup>z</sup></b>	
<b>Annual total</b>	32,608.68		704.09			
<b>Annual mean</b>	89.3		1.93		69.0	
<b>Highest annual mean</b>					358	1992
<b>Lowest annual mean</b>					0.82	2009
<b>Highest daily mean</b>	1,080	Feb 2	12	Oct 22	4,500	Jun 9, 1981
<b>Lowest daily mean</b>	0.40	Oct 13	0.00	Sep 29	0.00	Sep 27, 1981
<b>Annual seven-day minimum</b>	0.45	Oct 9	0.16	Apr 23	0.01	Oct 2, 1981
<b>Maximum peak flow</b>			13	Oct 25	7,330	Sep 8, 2010
<b>Maximum peak stage</b>			4.75	Oct 25	14.15	Sep 8, 2010
<b>Instantaneous low flow</b>					0.00	Sep 27, 1981
<b>Annual runoff (ac-ft)</b>	64,680		1,400		49,990	
<b>10 percent exceeds</b>	213		5.2		181	
<b>50 percent exceeds</b>	6.0		0.87		5.7	
<b>90 percent exceeds</b>	0.63		0.27		0.75	

<sup>z</sup> Period of regulated streamflow.

