

Water-Data Report 2011

08070200 East Fork San Jacinto River near New Caney, TX

San Jacinto Basin
East Fork San Jacinto Subbasin

LOCATION.--Lat 30°08'43", long 95°07'27" referenced to North American Datum of 1927, Montgomery County, TX, Hydrologic Unit 12040103, on right bank at downstream side of bridge on Farm Road 1485, 1.0 mi upstream from Church House Gully, 5.5 mi east of New Caney, and 5.9 mi upstream from Caney Creek.

DRAINAGE AREA.--388 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Oct. 1952 to Sept. 1958, Oct. 1969 to Sept. 1976 and Oct. 1983 to Apr. 1984 (occasional low-flow measurements), May 1984 to current year (daily mean discharge).

GAGE.--Water-stage recorder. Datum of gage is 43.98 ft above NGVD of 1929 (Texas Department of Transportation benchmark). Radio telemeter at station. Satellite telemeter at station.

REMARKS.--Records good. No known regulation or diversions. Some records listed in the "Period of Record" for surface water and water quality may not be available electronically.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of June 1973 reached a stage of 29.6 ft, from floodmark on left bank, identified by local resident. Flood in Nov. 1940 may have been slightly higher.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,200 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jan 25	1045	*385	*6.01

08070200 East Fork San Jacinto River near New Caney, TX—Continued

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

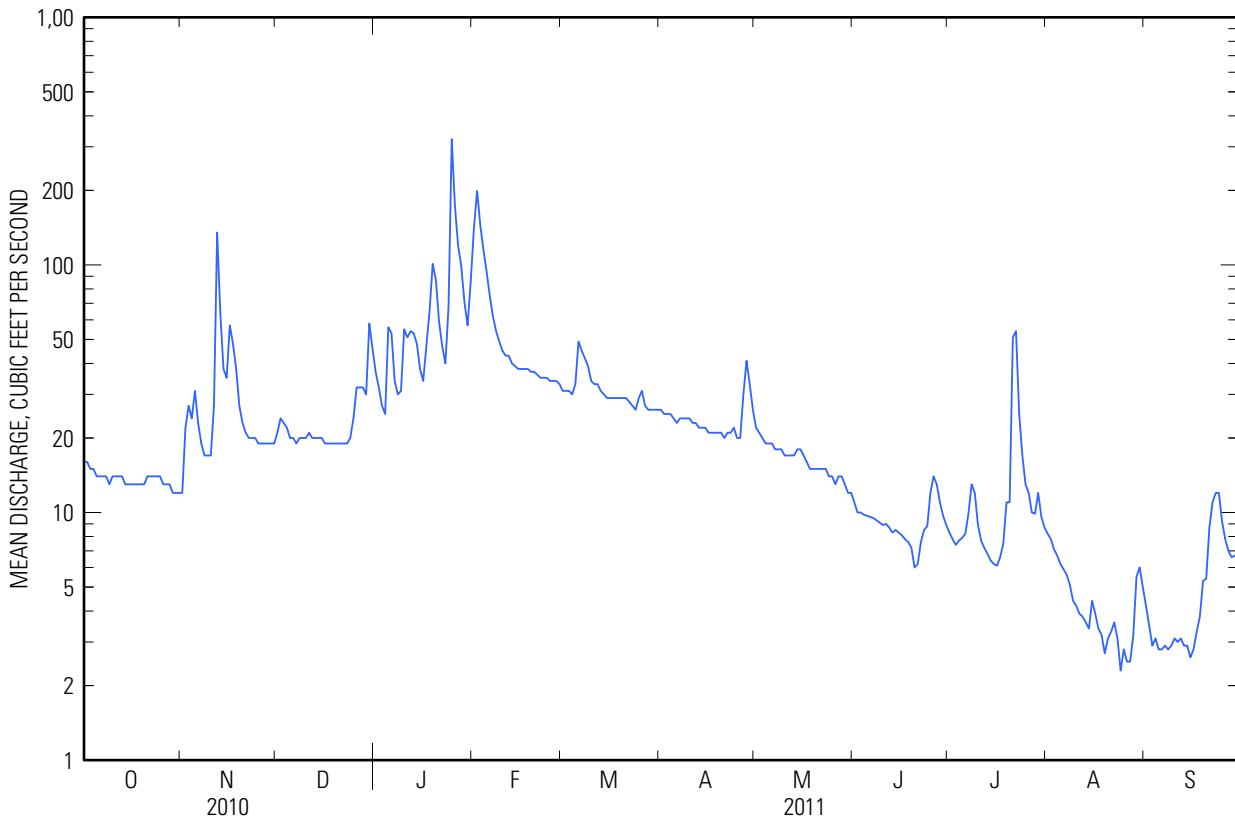
Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	16	12	21	37	141	31	26	22	11	8.3	8.2	4.2
2	16	22	24	32	199	31	25	21	10	7.8	7.8	3.5
3	15	27	23	27	145	31	25	20	10	7.4	7.1	2.9
4	15	24	22	25	115	30	25	19	9.8	7.7	6.7	3.1
5	14	31	20	56	94	33	24	19	9.7	7.9	6.2	2.8
6	14	23	20	53	75	49	23	19	9.6	8.2	5.9	2.8
7	14	19	19	34	62	45	24	18	9.5	9.9	5.6	2.9
8	14	17	20	30	54	42	24	18	9.3	13	5.1	2.8
9	13	17	20	31	49	39	24	18	9.1	12	4.4	2.9
10	14	17	20	55	45	34	24	17	8.9	8.9	4.2	3.1
11	14	27	21	51	43	33	23	17	9.0	7.7	3.9	3.0
12	14	135	20	54	43	33	23	17	8.7	7.2	3.8	3.1
13	14	64	20	53	40	31	22	17	8.3	6.8	3.6	2.9
14	13	38	20	48	39	30	22	18	8.5	6.4	3.4	2.9
15	13	35	20	38	38	29	22	18	8.3	6.2	4.4	2.6
16	13	57	19	34	38	29	21	17	8.1	6.1	3.9	2.8
17	13	48	19	47	38	29	21	16	7.8	6.6	3.4	3.3
18	13	38	19	65	38	29	21	15	7.6	7.5	3.2	3.8
19	13	27	19	101	37	29	21	15	7.2	11	2.7	5.3
20	13	23	19	87	37	29	21	15	6.0	11	3.1	5.4
21	14	21	19	59	36	29	20	15	6.2	51	3.3	8.7
22	14	20	19	47	35	28	21	15	7.6	54	3.6	11
23	14	20	19	40	35	27	21	15	8.5	25	3.1	12
24	14	20	20	68	35	26	22	14	8.8	17	2.3	12
25	14	19	24	322	34	29	20	14	12	13	2.8	9.2
26	13	19	32	174	34	31	20	13	14	12	2.5	7.8
27	13	19	32	120	34	27	30	14	13	10	2.5	7.0
28	13	19	32	99	33	26	41	14	11	9.9	3.2	6.6
29	12	19	30	71	---	26	33	13	9.7	12	5.5	6.7
30	12	19	58	57	---	26	26	12	8.9	9.6	6.0	6.5
31	12	---	46	86	---	26	---	12	---	8.7	5.0	---
Total	423	896	736	2,101	1,646	967	715	507	276.1	389.8	136.4	153.6
Mean	13.6	29.9	23.7	67.8	58.8	31.2	23.8	16.4	9.20	12.6	4.40	5.12
Max	16	135	58	322	199	49	41	22	14	54	8.2	12
Min	12	12	19	25	33	26	20	12	6.0	6.1	2.3	2.6
Ac-ft	839	1,780	1,460	4,170	3,260	1,920	1,420	1,010	548	773	271	305
Cfsm	0.04	0.08	0.06	0.17	0.15	0.08	0.06	0.04	0.02	0.03	0.01	0.01
In.	0.04	0.09	0.07	0.20	0.16	0.09	0.07	0.05	0.03	0.04	0.01	0.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2011, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	313	377	360	472	528	409	284	258	312	135	42.1	74.7
Max	2,843	2,892	1,229	1,857	1,557	1,142	958	1,330	1,596	849	189	576
(WY)	(1995)	(1999)	(2002)	(1998)	(1992)	(2001)	(1991)	(1989)	(1986)	(1989)	(1995)	(2008)
Min	13.6	20.6	23.7	41.0	40.7	31.2	23.8	16.4	9.20	12.6	4.40	5.12
(WY)	(2011)	(1991)	(2011)	(2000)	(2000)	(2011)	(2011)	(2011)	(2011)	(2011)	(2011)	(2011)

08070200 East Fork San Jacinto River near New Caney, TX—Continued**SUMMARY STATISTICS**

	Calendar Year 2010	Water Year 2011		Water Years 1984 - 2011	
Annual total	39,556		8,946.9		
Annual mean	108		24.5		296
Highest annual mean				660	1995
Lowest annual mean				24.5	2011
Highest daily mean	1,530	Feb 12	322	Jan 25	46,600 Oct 19, 1994
Lowest daily mean	12	Oct 29	2.3	Aug 24	2.3 Aug 24, 2011
Annual seven-day minimum	12	Oct 26	2.9	Aug 22	2.9 Aug 22, 2011
Maximum peak flow			385	Jan 25	74,100 Oct 19, 1994
Maximum peak stage			6.01	Jan 25	33.00 Oct 19, 1994
Annual runoff (ac-ft)	78,460		17,750		214,300
Annual runoff (cfsm)	0.279		0.063		0.763
Annual runoff (inches)	3.79		0.86		10.36
10 percent exceeds	179		47		698
50 percent exceeds	34		19		73
90 percent exceeds	15		4.3		23



08070200 East Fork San Jacinto River near Caney, TX—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--

CHEMICAL DATA: Aug. 1983 to Sept. 2004, Dec. 2005 to current.

BIOCHEMICAL DATA: Aug. 1983 to Sept. 2004, Dec. 2005 to current.

PESTICIDE DATA: Aug. 1985 to Sept. 1990, June 2000 to Sept. 2004, Dec. 2005 to current.

SEDIMENT DATA: June 2000, Dec. 2005 to current.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 1984 to Sept. 1999, Nov. 2005 to current.

pH: Nov. 2005 to current.

WATER TEMPERATURE: June 1984 to Sept. 1999, Nov. 2005 to current.

DISSOLVED OXYGEN: Nov. 2005 to current.

TURBIDITY: Nov. 2005 to current.

REMARKS.--Record for water temperature is excellent; specific conductance is excellent; pH is good; dissolved oxygen is good; turbidity is fair.

Interruptions or periods of missing record may be due to instrument failure, no flow conditions or data corrections exceeding allowable criteria, which were deleted. Other than no flow conditions, minimum and maximum extremes may have occurred during period of missing record. Some records listed in the "Period of Record" for surface water and water quality may not be available electronically.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 870 microsiemens/cm, May 7, 1985; minimum, 19 microsiemens/cm, Nov. 17, 1992.

pH: Maximum, 7.9 standard units, Apr. 15, 2009; minimum, 5.3 standard units, Sept. 13, 14, 2008.

WATER TEMPERATURE: Maximum, 32.8 °C, Aug. 3, 2011; minimum, 1.0 °C, Dec. 24, 1989.

DISSOLVED OXYGEN: Maximum, 13.0 mg/L, Jan. 18, 2006; minimum, 0.2 mg/L, July 27, 28, 2010.

TURBIDITY: Maximum, 930 FNU, Aug. 17, 2008, Mar. 4, 2010; minimum, 2.0 FNU, Jan. 31, 2009.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 243 microsiemens/cm, Sept. 15; minimum, 70 microsiemens/cm, Nov. 12.

pH: Maximum, 7.6 standard units, several days during water year; minimum, 6.3 standard units, Jan. 25.

WATER TEMPERATURE: Maximum, 32.8 °C, Aug. 3; minimum, 5.1 °C, Feb. 5.

DISSOLVED OXYGEN: Maximum, 12.6 mg/L, Jan. 13, 15; minimum, 3.6 mg/L, June 15, 16.

TURBIDITY: Maximum, 280 FNU, Nov. 12; minimum, 3.2 FNU, Sept. 12.

08070200 East Fork San Jacinto River near New Caney, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 1 of 5

[%, percent; FNU, Formazin nephelometric units; LED, light-emitting diode; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; ft, feet; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; <, less than; E, estimated]

Date	Sample start time	Medium name	Sample type	Barometric pressure, mm Hg (00025)	Discharge, instantane- ous, ft ³ /s (00061)	Dissolved oxygen, water, unfiltered, mg/L (00300)	Dissolved oxygen, water, unfiltered, % saturation (00301)	pH, water, unfiltered, field, standard units (00400)
11-17-2010	1027	Surface water	Regular	760	51	9.0	88	7.0
02-16-2011	1118	Surface water	Regular	759	38	12.3	114	7.1
05-05-2011	1232	Surface water	Regular	767	20	8.6	95	6.2
08-04-2011	0953	Surface water	Regular	757	6.8	5.4	70	6.8
08-04-2011	0954	QC sample - Surface water	Replicate	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 2 of 5

[%, percent; FNU, Formazin nephelometric units; LED, light-emitting diode; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; ft, feet; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; <, less than; E, estimated]

Date	Sample start time	Specific conductance, water, unfiltered, µS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, monochrome near infrared LED light, 780-900 nm, detection angle 90 +/- 2.5 degrees, FNU (63680)	Gage height, ft (00065)	Ammonia plus organic nitrogen, water, filtered, mg/L as N (00623)	Ammonia plus organic nitrogen, water, unfiltered, mg/L as N (00625)	Ammonia, water, filtered, mg/L as NH4 (71846)	Ammonia, water, filtered, mg/L as N (00608)
11-17-2010	1027	132	14.2	22	3.58	.29	.38	.014	.011
02-16-2011	1118	194	11.9	12	3.28	.23	.32	<.013	<.010
05-05-2011	1232	159	20.8	20	2.95	.26	.35	.023	.018
08-04-2011	0953	158	28.6	14	2.69	.32	.47	.038	.030
08-04-2011	0954	--	--	--	--	.34	.47	.038	.030

08070200 East Fork San Jacinto River near New Caney, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 3 of 5

[%, percent; FNU, Formazin nephelometric units; LED, light-emitting diode; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; ft, feet; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; <, less than; E, estimated]

Date	Sample start time	Nitrate plus nitrite, water, filtered, mg/L as N (00631)		Nitrate, water, filtered, mg/L as N (00618)		Nitrite, water, filtered, mg/L (71856)		Nitrite, water, filtered, mg/L as N (00613)		Organic nitrogen, water, filtered, mg/L (00607)	Organic nitrogen, water, unfiltered, mg/L (00605)	Orthophosphate, water, filtered, mg/L (00660)	Orthophosphate, water, filtered, mg/L as P (00671)
		Nitrate, water, filtered, mg/L (71851)	Nitrate, water, filtered, mg/L (00618)	Nitrite, water, filtered, mg/L (71856)	Nitrite, water, filtered, mg/L as N (00613)	mg/L (00607)	mg/L (00605)	mg/L (00660)	mg/L as P (00671)				
11-17-2010	1027	.12	.512	.116	.008	.002	.28	.37	.128	.042			
02-16-2011	1118	.06	.247	.056	.004	.001	<.23	<.32	.049	.016			
05-05-2011	1232	.09	.367	.083	.007	.002	.24	.34	.117	.038			
08-04-2011	0953	.15	.645	.146	.011	.003	.29	.44	.174	.057			
08-04-2011	0954	.15	.669	.151	.010	.003	.31	.44	.185	.060			

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 4 of 5

[%, percent; FNU, Formazin nephelometric units; LED, light-emitting diode; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; ft, feet; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; <, less than; E, estimated]

Date	Sample start time	Phosphorus, water, filtered, mg/L as P (00666)		Phosphorus, water, unfiltered, mg/L as P (00665)		Total nitrogen, water, filtered, mg/L (00602)		Total nitrogen, water, unfiltered, mg/L (00600)		Tech-nology, water, MPN/100 mL (50468)	Tech-nology, water, MPN/100 mL (50569)	, recoverable, microgram s per liter (99775)	Organic carbon, water, unfiltered, mg/L (00680)	Suspended sediment concentration, mg/L (80154)
		Phosphorus, water, filtered, mg/L as P (00666)	Phosphorus, water, unfiltered, mg/L as P (00665)	Total nitrogen, water, filtered, mg/L (00602)	Total nitrogen, water, unfiltered, mg/L (00600)	MPN/100 mL (50468)	MPN/100 mL (50569)	(99775)	mg/L (00680)	mg/L (80154)				
11-17-2010	1027	.054	.094	.41	.50	220	7,300	<.10	8.1	--				
02-16-2011	1118	.02	.02	.29	.38	45	1,200	<.10	6.7	9				
05-05-2011	1232	.04	.08	.34	.44	48	5,900	.20	5.2	16				
08-04-2011	0953	.05	.11	.47	.62	20	6,100	<.10	7.8	16				
08-04-2011	0954	.06	.11	.50	.62	E .0	6,100	<.10	8.2	15				

08070200 East Fork San Jacinto River near New Caney, TX—Continued

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO
SEPTEMBER 2011**

Part 5 of 5

[%; percent; FNU, Formazin nephelometric units; LED, light-emitting diode; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; ft, feet; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; <, less than; E, estimated]

Date	Sample start time	Suspended sediment discharge, tons per day (80155)
11-17-2010	1027	--
02-16-2011	1118	.92
05-05-2011	1232	.86
08-04-2011	0953	.29
08-04-2011	0954	--

08070200 East Fork San Jacinto River near New Caney, TX—Continued
**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
October				November				December				January
1	173	171	172	195	188	191	175	172	174	141	132	137
2	174	172	173	188	162	175	173	168	170	169	141	157
3	174	172	173	188	152	177	169	164	166	160	151	153
4	173	171	172	177	152	168	164	161	163	154	148	153
5	173	171	172	169	167	168	175	162	168	148	119	136
6	174	172	172	174	168	169	174	161	167	136	126	134
7	174	172	173	188	174	182	161	155	157	141	133	136
8	175	173	174	174	152	161	158	155	157	150	141	147
9	176	174	175	152	147	149	159	157	158	160	150	155
10	179	176	177	147	143	146	160	158	159	161	150	156
11	181	179	180	143	119	136	160	159	160	152	150	151
12	183	181	181	129	70	100	160	158	159	169	152	159
13	183	181	182	131	72	101	160	158	160	155	145	149
14	183	181	182	132	109	119	166	160	163	147	143	145
15	182	181	182	125	108	117	167	162	165	150	142	144
16	182	175	179	138	125	132	162	158	161	159	149	155
17	175	166	169	138	133	134	161	158	159	182	158	169
18	166	163	164	142	134	138	180	159	169	194	182	187
19	166	162	163	139	135	138	182	179	181	211	190	198
20	178	166	172	139	135	136	180	176	179	196	163	182
21	184	178	181	143	139	141	182	177	179	204	163	184
22	186	183	184	147	143	145	182	176	179	198	171	180
23	186	185	185	149	147	148	176	174	175	178	170	172
24	186	185	186	152	147	149	176	169	174	180	157	170
25	186	184	185	155	151	154	171	167	169	179	102	131
26	188	186	187	156	154	155	171	159	166	142	97	121
27	189	187	188	163	155	159	169	165	167	148	127	136
28	189	187	188	170	163	167	171	163	165	158	147	155
29	190	186	188	172	169	170	191	141	175	164	153	156
30	190	186	188	175	172	173	147	122	138	191	163	181
31	189	187	188	---	---	---	135	132	133	185	152	164
Month	190	162	179	195	70	150	191	122	165	211	97	157

08070200 East Fork San Jacinto River near New Caney, TX—Continued
SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

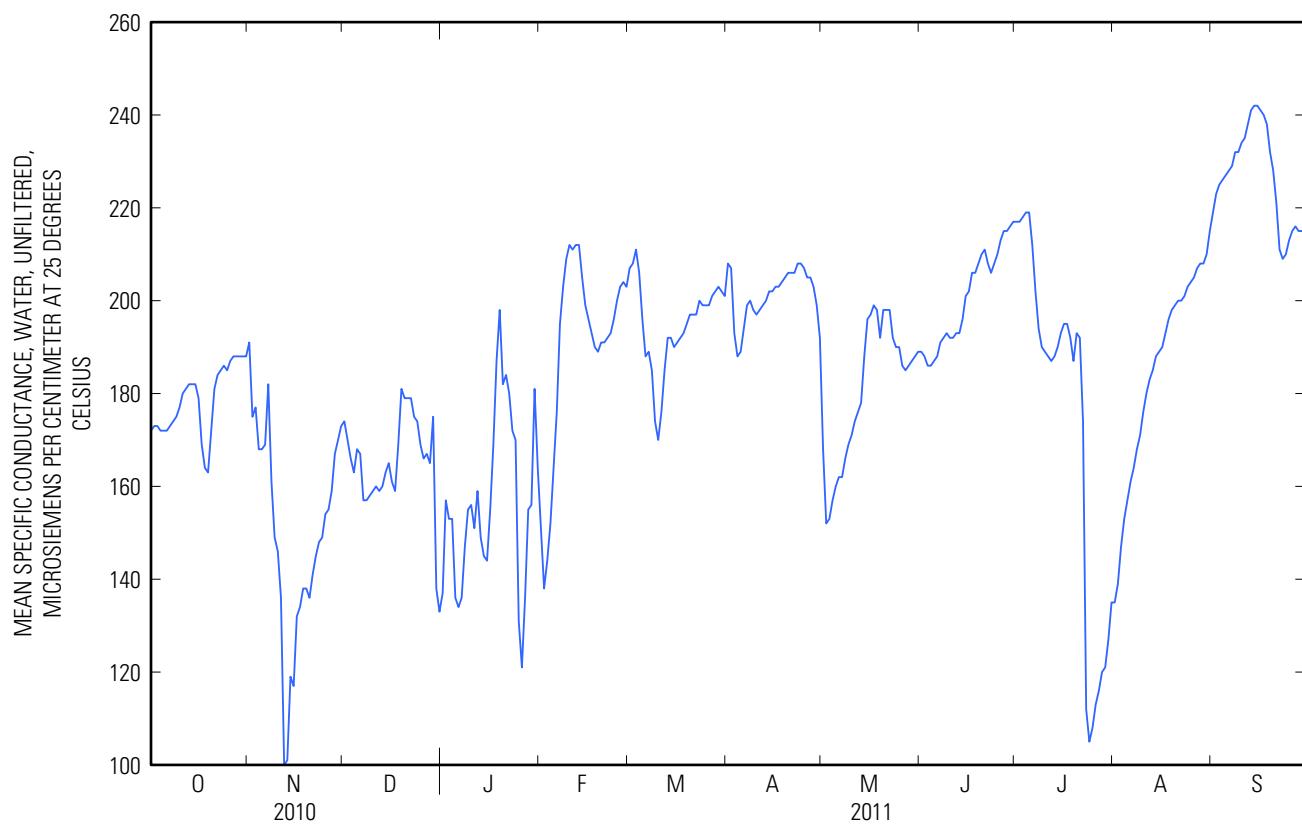
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
February				March				April				May
1	170	119	151	212	203	207	212	204	208	176	159	168
2	155	119	138	213	205	208	212	200	207	159	149	152
3	157	138	144	213	203	211	201	189	193	155	149	153
4	157	148	152	211	198	206	189	187	188	158	155	157
5	181	150	164	204	191	196	192	188	189	162	158	160
6	184	170	176	196	175	188	197	192	194	164	159	162
7	203	183	195	192	187	189	200	197	199	165	161	162
8	208	200	203	190	176	185	204	198	200	168	163	166
9	211	207	209	177	170	174	199	197	198	171	168	169
10	215	210	212	172	169	170	197	196	197	172	170	171
11	213	209	211	181	172	176	199	197	198	175	172	174
12	214	209	212	190	181	185	200	198	199	177	175	176
13	214	211	212	194	190	192	202	198	200	180	177	178
14	212	200	205	192	191	192	202	201	202	195	180	188
15	201	198	199	191	189	190	204	201	202	203	185	196
16	200	194	196	192	190	191	205	202	203	204	191	197
17	196	191	193	193	190	192	204	202	203	208	190	199
18	193	188	190	194	191	193	205	204	204	207	190	198
19	190	187	189	197	193	195	206	203	205	201	190	192
20	192	188	191	198	195	197	207	204	206	203	190	198
21	193	189	191	199	195	197	207	204	206	204	192	198
22	194	191	192	199	195	197	207	204	206	205	188	198
23	195	192	193	201	198	200	211	202	208	198	184	192
24	200	193	196	201	197	199	211	205	208	195	184	190
25	203	197	200	201	197	199	211	204	207	194	184	190
26	207	200	203	201	198	199	206	204	205	192	184	186
27	207	201	204	203	199	201	207	204	205	186	185	185
28	206	201	203	204	200	202	205	201	203	188	185	186
29	---	---	---	204	202	203	203	197	199	188	186	187
30	---	---	---	204	200	202	204	176	192	189	187	188
31	---	---	---	204	200	201	---	---	---	190	188	189
Month	215	119	190	213	169	195	212	176	201	208	149	181

08070200 East Fork San Jacinto River near New Caney, TX—Continued
SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June				July				August			
1	190	188	189	218	216	217	136	133	135	221	216	219
2	189	187	188	222	216	217	144	135	139	224	221	223
3	187	186	186	218	217	218	151	144	147	226	224	225
4	187	185	186	219	218	219	156	151	153	227	225	226
5	187	185	187	220	217	219	159	156	157	228	226	227
6	190	187	188	217	206	212	163	159	161	229	227	228
7	192	190	191	206	198	202	166	162	164	230	227	229
8	193	192	192	199	189	194	169	166	168	233	229	232
9	193	192	193	191	188	190	173	169	171	233	231	232
10	193	191	192	190	188	189	178	173	176	235	233	234
11	193	192	192	189	186	188	181	178	180	236	234	235
12	193	192	193	188	187	187	184	181	183	240	235	238
13	195	193	193	188	187	188	186	183	185	242	240	241
14	197	195	196	192	188	190	189	186	188	242	241	242
15	202	197	201	195	192	193	189	188	189	243	241	242
16	204	200	202	196	193	195	191	189	190	242	239	241
17	206	204	206	196	193	195	194	190	193	241	239	240
18	207	206	206	193	190	192	197	193	196	240	236	238
19	209	207	208	190	182	187	199	196	198	237	230	232
20	210	209	210	199	188	193	200	198	199	230	225	228
21	211	210	211	200	180	192	200	199	200	225	215	221
22	212	204	208	203	128	174	201	199	200	215	210	211
23	207	205	206	128	103	112	202	200	201	210	206	209
24	209	206	208	107	103	105	207	201	203	212	208	210
25	212	208	210	110	105	108	205	203	204	215	211	213
26	214	212	213	115	110	113	207	204	205	216	214	215
27	216	214	215	118	114	116	208	205	207	218	215	216
28	216	215	215	122	118	120	210	206	208	217	214	215
29	217	215	216	123	120	121	210	208	208	216	213	215
30	217	216	217	130	122	127	212	208	210	216	213	215
31	---	---	---	140	130	135	216	212	215	---	---	---
Month	217	185	201	222	103	174	216	133	185	243	206	226

	Max	Min	Mean
Year	243	70	183

08070200 East Fork San Jacinto River near New Caney, TX—Continued



08070200 East Fork San Jacinto River near New Caney, TX—Continued**PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
October		November		December		January		February		March		
1	7.6	6.9	7.4	7.1	7.6	7.4	6.8	6.7	7.1	6.9	7.4	7.2
2	7.6	7.0	7.2	7.0	7.6	7.4	7.0	6.7	7.1	6.9	7.4	7.1
3	7.6	7.0	7.3	7.0	7.6	7.4	6.9	6.8	7.1	7.0	7.3	7.1
4	7.6	7.0	7.4	7.0	7.5	7.4	6.9	6.7	7.1	7.0	7.3	7.1
5	7.6	7.0	7.4	7.3	7.6	7.3	6.8	6.6	7.2	7.1	7.3	7.1
6	7.5	7.0	7.4	7.3	7.6	7.4	6.8	6.7	7.1	7.1	7.4	7.2
7	7.5	7.0	7.5	7.3	7.6	7.4	6.8	6.7	7.2	7.1	7.4	7.2
8	7.5	7.0	7.4	7.3	7.5	7.4	6.8	6.7	7.2	7.1	7.2	7.0
9	7.4	7.0	7.3	7.2	7.6	7.4	6.8	6.7	7.2	7.1	7.2	7.0
10	7.4	6.9	7.3	7.2	7.5	7.4	6.9	6.8	7.2	7.1	7.2	7.0
11	7.4	6.9	7.2	7.1	7.5	7.4	7.0	6.8	7.2	7.1	7.4	7.0
12	7.5	7.0	7.2	6.9	7.5	7.4	7.0	6.8	7.2	7.1	7.5	7.0
13	7.4	7.0	7.1	6.9	7.6	7.4	7.0	6.8	7.2	7.1	7.4	7.0
14	7.4	7.0	7.2	7.1	7.6	7.4	6.9	6.8	7.2	7.1	7.3	7.0
15	7.4	7.1	7.2	7.1	7.6	7.4	6.9	6.7	7.2	7.1	7.6	7.0
16	7.4	7.1	7.3	7.2	7.5	7.3	6.8	6.7	7.2	7.1	7.4	7.0
17	7.3	7.0	7.4	7.3	7.5	7.3	7.0	6.7	7.3	7.1	7.5	7.0
18	7.3	7.0	7.5	7.3	7.5	7.4	7.0	6.9	7.3	7.1	7.4	7.0
19	7.3	7.0	7.4	7.3	7.6	7.5	7.1	7.0	7.3	7.1	7.5	7.0
20	7.2	7.0	7.3	7.2	7.5	7.0	7.0	6.8	7.3	7.1	7.5	7.0
21	7.3	7.0	7.3	7.2	7.0	6.9	6.9	6.8	7.2	7.0	7.4	7.0
22	7.3	7.1	7.3	7.2	7.0	6.9	7.0	6.8	7.3	7.0	7.5	7.0
23	7.3	7.1	7.3	7.2	7.0	6.9	6.9	6.7	7.2	7.1	7.3	7.0
24	7.3	7.1	7.3	7.1	7.0	6.9	6.8	6.7	7.2	7.1	7.4	7.0
25	7.3	7.1	7.2	7.1	7.0	6.9	6.8	6.3	7.3	7.1	7.4	7.0
26	7.3	7.1	7.4	7.2	7.1	7.0	6.8	6.5	7.3	7.1	7.4	7.0
27	7.3	7.0	7.5	7.3	7.1	7.0	7.0	6.8	7.3	7.1	7.3	7.0
28	7.3	7.0	7.5	7.3	7.0	7.0	7.1	6.9	7.4	7.1	7.3	7.0
29	7.3	7.1	7.4	7.3	7.0	6.9	7.0	6.9	---	---	7.3	7.0
30	7.4	7.1	7.5	7.3	6.9	6.8	7.0	6.9	---	---	7.3	7.0
31	7.4	7.1	---	---	6.9	6.7	7.0	6.9	---	---	7.4	7.0
Month	7.6	6.9	7.5	6.9	7.6	6.7	7.1	6.3	7.4	6.9	7.6	7.0

08070200 East Fork San Jacinto River near New Caney, TX—Continued**PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
April		May		June		July		August		September		
1	7.5	7.0	7.1	6.8	7.2	7.0	7.3	7.0	7.0	6.8	7.4	7.1
2	7.3	7.0	6.9	6.7	7.2	6.9	7.3	7.0	7.1	6.8	7.4	7.1
3	7.2	7.0	7.0	6.7	7.2	6.9	7.2	7.0	7.1	6.8	7.3	7.1
4	7.2	7.0	7.0	6.7	7.1	6.9	7.2	7.0	7.1	6.9	7.2	7.1
5	7.4	7.0	7.2	6.7	7.2	6.8	7.4	7.0	7.2	6.9	7.3	7.1
6	7.4	7.0	7.1	6.8	7.0	6.8	7.2	7.0	7.1	6.9	7.3	7.1
7	7.4	7.0	7.0	6.8	7.1	6.9	7.2	7.0	7.1	6.9	7.3	7.1
8	7.4	6.9	6.9	6.7	7.1	6.8	7.4	7.0	7.1	6.9	7.3	7.1
9	7.3	6.8	6.9	6.6	7.1	6.8	7.2	7.0	7.1	6.9	7.4	7.1
10	7.3	6.7	7.0	6.7	7.1	6.8	7.2	7.0	7.2	6.8	7.3	7.1
11	7.2	6.7	6.9	6.8	7.1	6.8	7.2	6.9	7.2	6.9	7.3	7.1
12	7.2	6.7	6.9	6.7	7.2	6.8	7.1	6.9	7.2	6.9	7.2	6.8
13	7.1	6.7	7.0	6.8	7.2	6.8	7.2	6.9	7.2	6.9	7.1	6.8
14	7.0	6.8	7.2	6.9	7.2	6.8	7.1	6.9	7.0	6.8	7.0	6.8
15	7.1	6.8	7.2	7.0	7.1	6.8	7.1	6.9	7.2	6.9	7.0	6.8
16	7.2	6.7	7.2	6.9	7.1	6.8	7.0	6.9	7.2	6.9	7.1	6.9
17	7.2	6.7	7.2	7.0	7.2	6.8	7.1	6.9	7.2	6.9	7.2	6.9
18	7.1	6.8	7.1	6.9	7.2	6.8	7.1	6.9	7.2	6.9	7.2	6.8
19	7.2	6.8	7.1	6.9	7.2	6.8	7.1	7.0	7.2	6.9	7.2	6.8
20	7.2	6.8	7.2	6.9	7.2	6.9	7.1	7.0	7.2	6.9	7.2	6.8
21	7.2	6.7	7.1	6.9	7.2	6.9	7.3	7.0	7.2	6.9	7.2	6.9
22	7.2	6.8	7.2	6.9	7.1	6.9	7.3	7.0	7.2	6.9	7.3	7.0
23	7.1	6.8	7.2	6.9	7.1	6.8	7.0	6.8	7.2	6.9	7.5	7.1
24	7.2	6.8	7.2	6.9	7.2	6.9	6.9	6.8	7.2	6.9	7.5	7.2
25	7.1	6.8	7.1	6.9	7.2	7.0	6.9	6.8	7.2	6.9	7.4	7.0
26	6.9	6.8	7.2	7.0	7.4	7.0	6.9	6.8	7.2	7.0	7.4	7.0
27	7.2	6.8	7.3	7.0	7.4	7.0	6.9	6.8	7.2	7.0	7.4	7.0
28	7.4	6.9	7.3	7.0	7.4	7.0	6.9	6.8	7.2	7.0	7.4	7.0
29	7.4	7.0	7.3	7.0	7.3	7.0	7.0	6.8	7.3	7.0	7.4	7.0
30	7.1	6.8	7.4	7.0	7.3	7.0	7.0	6.8	7.4	7.1	7.6	7.2
31	---	---	7.2	7.0	---	---	7.0	6.8	7.4	7.1	---	---
Month	7.5	6.7	7.4	6.6	7.4	6.8	7.4	6.8	7.4	6.8	7.6	6.8

	Max	Min
Year	7.6	6.3

08070200 East Fork San Jacinto River near New Caney, TX—Continued
**TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	
October				November				December				January	
1	24.6	21.8	23.1	21.7	18.8	20.1	13.2	11.0	12.2	14.6	13.2	14.0	
2	23.3	20.7	22.1	20.9	18.9	19.8	13.1	10.7	12.0	13.2	11.6	12.3	
3	22.7	20.2	21.3	18.9	17.6	18.0	14.1	11.7	12.9	12.1	10.3	11.4	
4	21.3	18.7	20.0	18.4	16.6	17.4	15.0	12.6	13.8	13.4	11.8	12.6	
5	20.5	17.6	19.0	16.8	15.0	15.9	14.2	12.2	13.3	14.1	13.0	13.5	
6	20.1	17.0	18.6	15.7	13.5	14.6	12.2	10.4	11.3	13.6	11.9	12.8	
7	20.4	17.1	18.7	15.2	12.6	14.0	11.6	9.4	10.7	13.0	11.2	12.2	
8	20.6	17.3	18.9	15.6	12.7	14.2	11.7	11.0	11.4	12.6	11.0	11.8	
9	20.8	17.7	19.2	16.1	13.8	15.0	11.3	9.3	10.5	11.7	10.4	11.0	
10	21.3	18.3	19.8	16.6	15.1	15.9	12.4	9.9	11.2	10.4	9.6	10.0	
11	22.3	19.5	20.8	17.4	16.2	16.8	13.9	11.7	12.8	9.9	8.5	9.2	
12	23.1	20.5	21.6	19.4	16.7	18.3	12.9	10.2	11.4	8.6	7.0	7.9	
13	22.2	19.7	21.0	19.3	17.1	18.4	10.6	8.7	9.7	7.6	6.7	7.1	
14	22.0	19.5	20.6	17.1	16.2	16.5	11.3	8.6	10.0	7.7	6.7	7.2	
15	20.9	18.1	19.5	16.9	15.8	16.4	13.4	10.7	12.0	9.3	7.4	8.3	
16	20.7	17.7	19.1	16.6	15.0	16.1	13.8	12.3	13.1	10.1	9.1	9.5	
17	20.4	17.7	19.1	16.0	13.8	15.0	13.4	12.4	12.9	11.0	10.1	10.5	
18	21.7	18.9	20.2	15.5	14.1	14.9	13.0	11.5	12.2	11.8	10.7	11.2	
19	22.5	19.8	21.0	14.9	12.9	14.0	12.1	9.9	11.1	12.2	10.3	11.2	
20	22.5	20.1	21.3	15.8	13.5	14.7	14.2	11.5	12.7	11.8	10.4	11.3	
21	23.0	20.6	21.7	17.5	15.0	16.2	16.5	14.2	15.2	10.8	9.5	10.1	
22	22.6	20.8	21.7	18.4	15.8	17.1	16.0	15.1	15.6	10.3	8.0	9.2	
23	23.0	21.2	22.0	19.4	17.5	18.4	15.6	14.3	15.0	10.1	7.9	9.1	
24	23.9	21.9	22.8	20.5	18.7	19.5	14.7	13.3	14.0	10.1	9.6	9.9	
25	24.2	22.2	23.1	21.3	19.4	20.5	14.1	11.3	12.7	10.9	9.9	10.4	
26	25.4	23.2	24.1	19.4	14.8	17.0	11.5	10.1	10.8	10.7	9.7	10.2	
27	25.7	23.6	24.6	14.8	12.8	13.9	10.2	8.5	9.5	10.6	9.2	9.8	
28	24.9	21.1	23.3	15.0	12.6	13.8	10.8	9.7	10.2	11.1	8.9	9.9	
29	21.1	18.5	19.7	16.9	15.0	15.9	11.4	10.5	10.9	11.9	9.5	10.7	
30	19.0	16.2	17.7	16.7	13.2	15.2	13.6	11.2	12.3	12.9	11.4	12.1	
31	19.6	16.3	18.0	---	---	---	15.1	13.6	14.3	14.4	12.5	13.4	
Month	25.7	16.2	20.8	21.7	12.6	16.4	16.5	8.5	12.2	14.6	6.7	10.6	

08070200 East Fork San Jacinto River near New Caney, TX—Continued
**TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

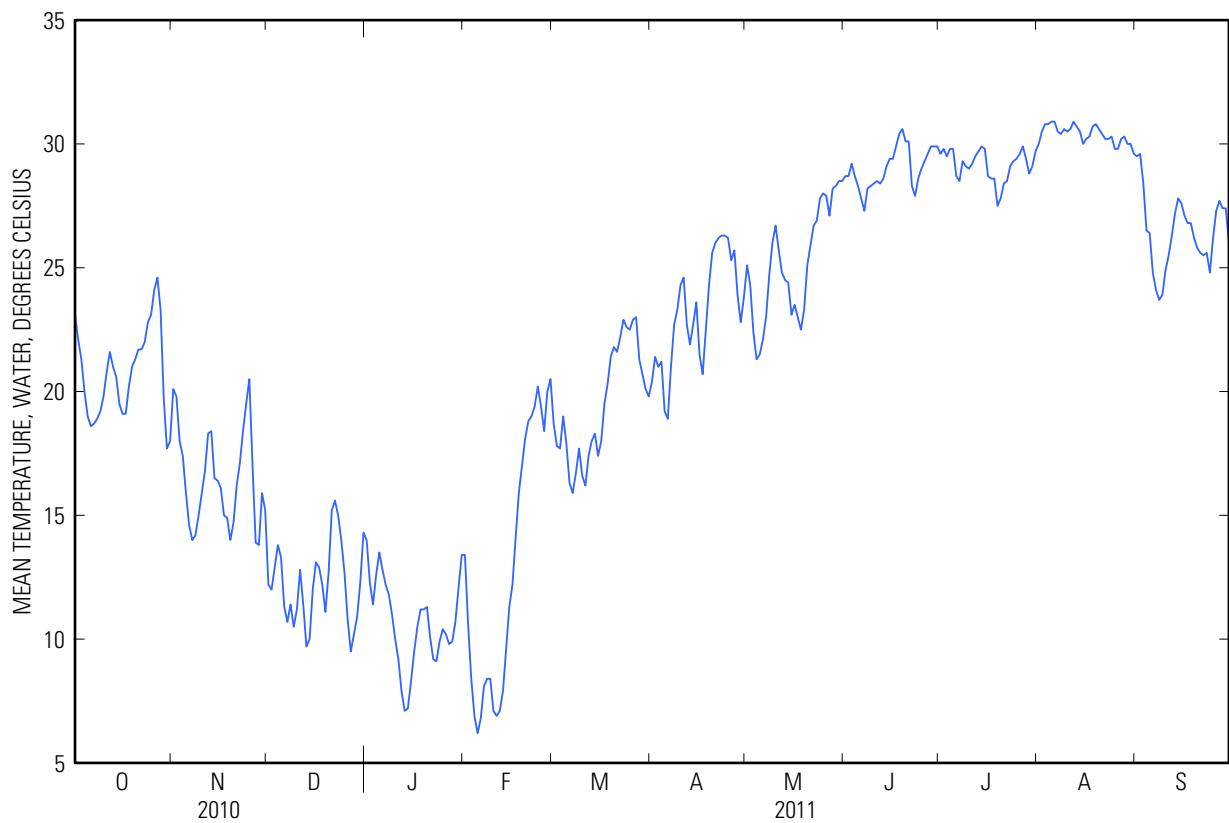
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
February				March				April				May
1	14.3	11.8	13.4	20.4	17.0	18.7	22.6	18.4	20.4	26.8	23.8	25.1
2	11.8	9.3	10.6	19.5	16.0	17.8	22.4	20.5	21.4	25.7	23.0	24.3
3	9.3	7.6	8.4	19.1	16.3	17.7	21.5	20.4	21.0	24.3	20.8	22.4
4	7.6	6.0	6.9	20.1	18.1	19.0	21.9	19.8	21.2	23.3	19.2	21.3
5	7.5	5.1	6.2	19.0	16.4	17.9	21.1	17.2	19.2	23.8	19.5	21.5
6	8.4	5.3	6.8	17.9	14.5	16.3	21.6	16.7	18.9	24.3	20.1	22.1
7	9.4	6.9	8.1	16.7	14.8	15.9	22.8	19.3	21.0	25.5	20.9	23.0
8	9.8	6.8	8.4	17.3	16.3	16.7	24.6	21.2	22.7	27.0	23.0	24.7
9	9.2	7.1	8.4	19.2	16.7	17.7	25.0	21.4	23.3	28.2	24.4	26.0
10	8.1	6.2	7.1	18.2	15.0	16.6	26.2	22.6	24.3	28.6	25.2	26.7
11	8.4	5.4	6.9	18.2	14.3	16.2	26.4	23.4	24.6	26.9	25.0	25.7
12	8.5	5.6	7.1	19.5	15.6	17.4	24.5	20.6	22.7	25.6	23.8	24.8
13	9.5	6.2	7.9	19.3	16.9	18.0	23.6	19.8	21.9	27.3	22.2	24.5
14	11.2	8.2	9.6	19.2	17.8	18.3	23.6	21.9	22.7	26.2	22.6	24.4
15	12.6	10.0	11.3	19.4	15.3	17.4	25.5	22.5	23.6	25.1	21.0	23.1
16	13.2	11.3	12.2	19.0	16.8	18.0	23.2	19.5	21.5	25.8	21.8	23.5
17	15.3	12.8	14.1	21.3	18.0	19.5	22.6	18.6	20.7	25.0	21.0	23.0
18	17.6	14.6	15.9	21.9	19.0	20.3	24.0	21.5	22.5	23.3	21.8	22.5
19	18.1	16.2	17.0	23.4	19.9	21.4	26.4	22.6	24.3	24.7	22.1	23.3
20	19.6	17.1	18.1	23.5	20.3	21.8	27.4	24.2	25.6	26.7	23.9	25.1
21	19.6	18.0	18.8	23.1	20.1	21.6	27.5	24.9	26.0	27.2	24.7	25.9
22	19.9	18.2	19.0	23.8	20.8	22.2	28.0	24.8	26.2	28.6	25.1	26.7
23	20.4	18.7	19.4	24.4	21.5	22.9	27.5	25.3	26.3	28.2	25.8	26.9
24	21.0	19.5	20.2	24.1	21.1	22.6	27.9	25.0	26.3	29.8	26.3	27.8
25	20.8	18.1	19.4	23.8	21.2	22.5	27.3	25.4	26.2	29.5	26.7	28.0
26	19.1	17.6	18.4	24.1	21.7	22.9	26.0	24.8	25.3	30.0	26.1	27.9
27	21.7	18.8	20.0	23.9	22.2	23.0	27.6	24.7	25.7	29.3	25.1	27.1
28	21.8	19.2	20.5	22.8	20.8	21.3	25.4	22.2	23.9	30.5	26.6	28.2
29	---	---	---	21.5	20.0	20.7	24.6	20.9	22.8	30.0	26.9	28.3
30	---	---	---	21.2	19.3	20.1	25.1	22.7	23.8	30.5	26.9	28.5
31	---	---	---	21.8	17.9	19.8	---	---	---	30.0	27.1	28.5
Month	21.8	5.1	12.9	24.4	14.3	19.4	28.0	16.7	23.2	30.5	19.2	25.2

08070200 East Fork San Jacinto River near New Caney, TX—Continued
TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
				June			July			August		
1	30.6	26.8	28.7	31.2	27.7	29.6	31.8	28.1	30.0	30.9	27.8	29.5
2	31.0	26.4	28.7	31.6	27.8	29.8	32.4	28.6	30.5	30.9	28.2	29.6
3	31.1	27.5	29.2	30.8	27.7	29.5	32.8	28.9	30.8	29.8	27.4	28.4
4	30.7	26.5	28.7	31.3	28.0	29.8	32.6	28.7	30.8	27.4	26.0	26.5
5	29.6	26.6	28.3	31.6	27.8	29.8	32.7	29.0	30.9	28.1	25.2	26.4
6	29.0	26.4	27.8	30.2	27.6	28.7	32.2	29.2	30.9	26.2	23.1	24.8
7	29.5	25.2	27.3	30.6	26.5	28.5	31.7	29.1	30.5	25.8	22.3	24.1
8	29.8	26.5	28.2	31.0	27.6	29.3	32.0	28.9	30.4	25.6	21.9	23.7
9	29.9	26.5	28.3	29.9	28.3	29.1	32.1	29.2	30.6	25.9	22.1	23.9
10	29.9	26.7	28.4	30.8	27.3	29.0	31.8	29.1	30.5	26.8	23.1	24.9
11	30.3	26.6	28.5	30.6	27.7	29.2	32.3	28.9	30.6	27.1	23.8	25.5
12	30.2	26.2	28.4	30.7	28.1	29.5	32.1	29.5	30.9	28.1	24.6	26.3
13	30.6	26.4	28.6	31.1	28.1	29.7	32.1	29.2	30.7	29.2	25.5	27.2
14	31.0	27.0	29.1	31.0	28.5	29.9	31.4	29.5	30.5	29.4	26.5	27.8
15	31.0	27.8	29.4	30.4	28.8	29.8	31.7	28.2	30.0	28.9	26.5	27.6
16	30.8	27.8	29.4	30.0	28.1	28.7	31.7	28.4	30.2	28.5	25.6	27.1
17	31.7	28.3	29.9	30.0	27.1	28.6	32.0	28.7	30.3	27.5	26.0	26.8
18	32.2	28.6	30.4	29.7	27.6	28.6	32.4	29.1	30.7	27.2	26.2	26.8
19	32.0	29.1	30.6	29.2	26.7	27.5	32.3	29.3	30.8	27.1	25.2	26.2
20	31.3	28.8	30.1	29.8	26.1	27.8	32.0	29.3	30.6	27.1	24.4	25.8
21	31.4	28.8	30.1	29.5	27.2	28.4	32.1	28.8	30.4	26.4	24.6	25.6
22	30.5	27.1	28.3	29.6	27.4	28.5	31.7	28.7	30.2	27.2	23.9	25.5
23	29.7	26.4	27.9	30.8	27.6	29.1	31.9	28.5	30.2	27.3	24.1	25.6
24	30.4	27.0	28.6	30.6	28.1	29.3	31.9	29.0	30.3	26.5	23.1	24.8
25	30.8	27.4	29.0	30.8	28.3	29.4	31.2	28.5	29.8	28.1	24.6	26.2
26	31.4	27.6	29.3	31.2	28.3	29.6	31.6	28.2	29.8	28.9	25.9	27.3
27	31.5	28.0	29.6	31.2	28.6	29.9	31.9	28.7	30.2	29.1	26.3	27.7
28	31.8	28.2	29.9	30.2	28.5	29.4	31.9	28.6	30.3	28.6	25.8	27.4
29	31.8	28.0	29.9	29.6	27.9	28.8	31.7	28.1	30.0	28.8	26.3	27.4
30	31.8	27.9	29.9	31.3	27.3	29.1	31.6	28.3	30.0	27.0	24.8	26.0
31	---	---	---	31.9	27.6	29.7	30.8	28.0	29.6	---	---	---
Month	32.2	25.2	29.0	31.9	26.1	29.1	32.8	28.0	30.4	30.9	21.9	26.4

	Max	Min	Mean
Year	32.8	5.1	21.3

08070200 East Fork San Jacinto River near New Caney, TX—Continued



08070200 East Fork San Jacinto River near New Caney, TX—Continued**DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	
October				November				December				January	
1	10.9	7.1	8.5	9.6	7.4	8.2	11.1	9.6	10.2	10.2	9.1	9.5	
2	11.2	7.3	8.7	8.2	7.1	7.6	11.2	9.9	10.4	10.9	9.4	10.0	
3	11.3	7.4	8.8	8.1	7.5	7.7	11.2	9.8	10.3	11.3	9.9	10.4	
4	11.5	7.7	9.1	9.2	7.5	8.0	11.0	9.6	10.1	11.3	9.9	10.4	
5	11.7	8.0	9.3	9.2	7.8	8.4	11.4	9.4	10.3	10.3	9.5	9.9	
6	11.8	8.1	9.4	9.8	8.4	8.9	12.1	10.2	10.9	10.4	9.5	9.8	
7	11.8	8.1	9.4	10.2	8.7	9.2	12.1	10.5	11.1	10.8	9.4	10	
8	11.7	8.1	9.4	10.3	8.7	9.3	11.5	10.2	10.8	10.8	9.5	10.0	
9	11.6	8.0	9.3	10.2	8.7	9.2	12.2	10.7	11.2	10.5	9.8	10.1	
10	11.4	7.8	9.1	9.9	8.4	9.0	11.9	10.6	11.1	10.8	10.2	10.4	
11	11.0	7.6	8.8	9.1	8.1	8.5	11.4	10.2	10.7	11.8	10.5	11.1	
12	10.8	7.3	8.6	8.5	7.3	7.8	11.6	10.2	10.8	12.0	11.0	11.5	
13	10.7	7.2	8.5	7.8	7.2	7.5	11.9	10.8	11.2	12.6	11.3	11.9	
14	10.6	7.3	8.6	8.3	7.8	8.0	11.8	10.9	11.3	12.5	11.7	12.0	
15	10.6	7.6	8.7	8.6	8.0	8.2	11.4	10.3	10.8	12.6	11.3	11.8	
16	10.6	7.8	8.7	8.9	8.2	8.6	10.9	9.9	10.4	11.6	10.7	11.2	
17	10.3	7.8	8.7	9.2	8.6	8.8	11.1	10.0	10.4	11.6	10.3	10.8	
18	9.7	7.6	8.4	9.5	8.6	9.0	11.2	10.2	10.6	10.7	10.0	10.3	
19	9.4	7.4	8.1	9.9	8.8	9.3	11.5	10.4	10.9	10.5	10.0	10.2	
20	8.9	7.2	7.9	9.8	9.0	9.3	11.2	10.1	10.6	10.5	10.1	10.2	
21	9.0	7.1	7.8	9.7	8.7	9.1	10.7	9.6	10.0	11.2	10.1	10.5	
22	8.9	7.1	7.8	9.7	8.4	8.9	10.2	9.3	9.7	11.5	10.3	10.8	
23	8.9	7.0	7.7	9.4	8.0	8.5	10.6	9.2	9.8	11.7	10.5	11.0	
24	8.8	6.8	7.5	9.2	7.6	8.2	10.6	9.5	10	10.8	10.3	10.5	
25	8.8	6.7	7.4	8.6	7.2	7.8	10.5	9.5	10	10.3	9.8	10.0	
26	8.6	6.4	7.2	9.5	7.4	8.3	11.1	10.3	10.6	---	---	---	
27	8.3	6.2	7.0	10.4	8.7	9.3	11.8	10.7	11.2	---	---	---	
28	8.8	6.3	7.2	10.8	8.9	9.6	11.4	10.9	11.1	10.8	10.3	10.6	
29	9.5	7.0	8.0	10.0	8.5	9.1	10.9	10.1	10.5	10.6	10.0	10.4	
30	10.0	7.7	8.5	10.4	8.4	9.3	10.3	9.7	10.1	10.2	9.7	10	
31	10.0	7.9	8.6	---	---	---	9.8	9.2	9.5	9.7	9.1	9.5	
Month	11.8	6.2	8.4	10.8	7.1	8.6	12.2	9.2	10.5	---	---	---	

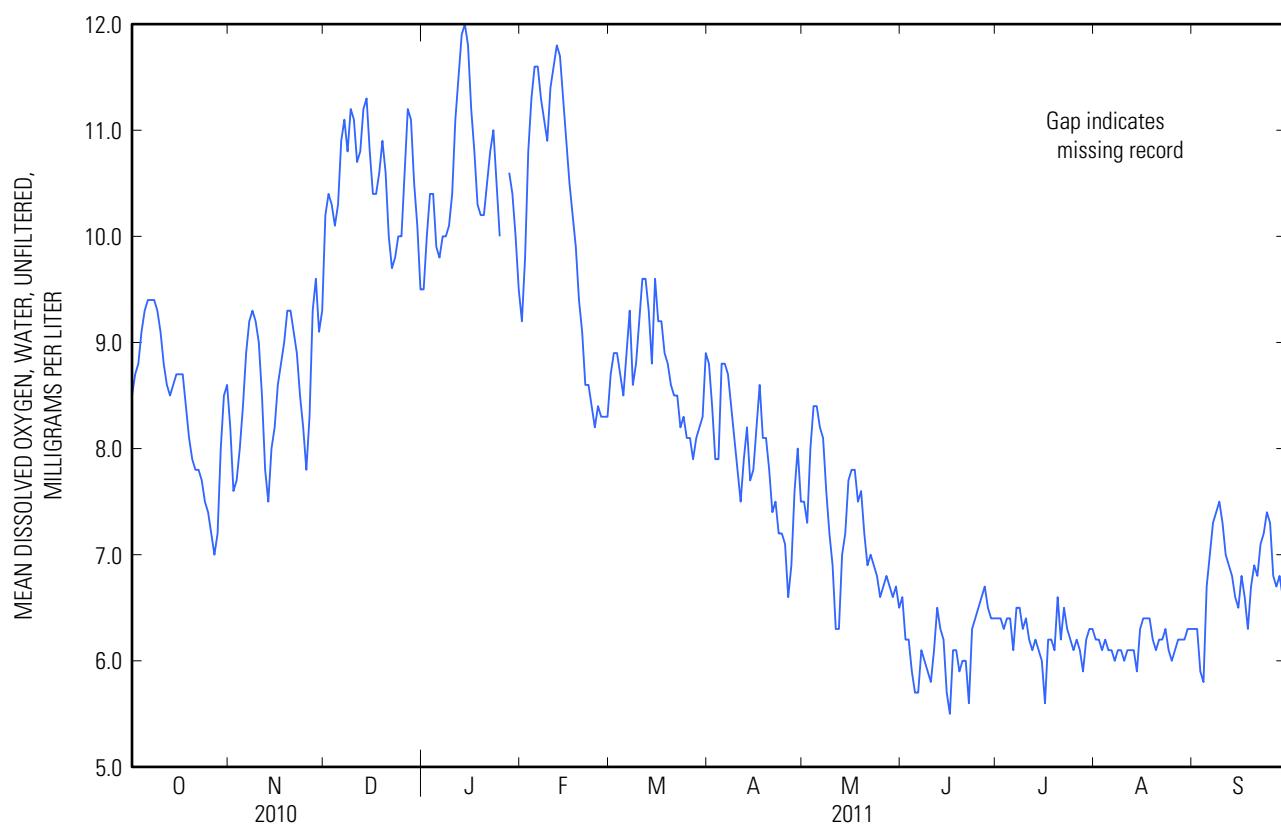
08070200 East Fork San Jacinto River near New Caney, TX—Continued**DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
February				March				April				May
1	9.4	9.0	9.2	9.7	8.0	8.7	11.2	7.5	8.8	9.3	6.3	7.5
2	10.4	9.3	9.8	9.9	8.1	8.9	10.0	7.1	8.4	9.0	6.2	7.3
3	11.0	10.4	10.8	9.8	8.2	8.9	8.9	7.1	7.9	9.8	6.8	8.0
4	11.4	11.0	11.3	9.4	7.9	8.7	9.2	7.0	7.9	10.2	7.2	8.4
5	11.9	11.4	11.6	9.2	8.0	8.5	10.8	7.6	8.8	10.2	7.2	8.4
6	11.8	11.2	11.6	9.4	8.5	8.9	11.1	7.8	8.8	9.9	7.1	8.2
7	11.5	11.0	11.3	10.6	8.6	9.3	10.9	7.3	8.7	9.8	6.9	8.1
8	11.4	10.8	11.1	8.9	8.3	8.6	10.8	6.9	8.4	9.1	6.5	7.6
9	11.1	10.7	10.9	10.0	8.2	8.8	10.4	6.6	8.1	8.8	6.1	7.2
10	11.7	11.1	11.4	10.6	8.3	9.2	10.1	6.4	7.8	8.4	5.8	6.9
11	12.0	11.3	11.6	11.2	8.6	9.6	9.8	6.1	7.5	6.9	5.7	6.3
12	12.3	11.5	11.8	11.4	8.5	9.6	10.2	6.6	7.9	7.2	5.7	6.3
13	12.2	11.3	11.7	11.0	8.2	9.3	10.4	6.8	8.2	8.4	6.2	7.0
14	11.8	10.8	11.3	10.2	8.0	8.8	9.3	6.5	7.7	8.7	6.3	7.2
15	11.5	10.4	10.9	11.6	8.3	9.6	10.0	6.4	7.8	9.2	6.7	7.7
16	11.2	10.0	10.5	10.7	8.1	9.2	10.5	6.8	8.2	9.3	6.8	7.8
17	11.2	9.5	10.2	10.9	8.0	9.2	10.9	7.1	8.6	9.3	6.8	7.8
18	11.0	9.1	9.9	10.6	7.7	8.9	10.0	6.7	8.1	8.4	6.7	7.5
19	10.3	8.7	9.4	10.8	7.4	8.8	10.5	6.4	8.1	8.8	6.7	7.6
20	10.0	8.3	9.1	10.4	7.2	8.6	10.1	6.1	7.8	8.6	6.3	7.2
21	9.4	8.0	8.6	10.1	7.3	8.5	9.7	5.8	7.4	8.2	6.0	6.9
22	9.5	7.9	8.6	10.2	7.2	8.5	9.7	5.9	7.5	8.5	6.0	7.0
23	9.1	7.8	8.4	9.8	6.9	8.2	9.1	5.8	7.2	8.2	5.9	6.9
24	8.8	7.6	8.2	10.3	6.9	8.3	9.1	6.0	7.2	8.2	5.8	6.8
25	9.4	7.7	8.4	9.6	6.9	8.1	8.9	5.7	7.1	8.0	5.6	6.6
26	8.8	7.9	8.3	9.8	6.9	8.1	7.6	5.8	6.6	8.2	5.7	6.7
27	9.2	7.7	8.3	9.7	6.7	7.9	8.5	5.8	6.9	8.4	5.8	6.8
28	9.3	7.4	8.3	9.7	6.9	8.1	9.0	6.6	7.6	8.2	5.7	6.7
29	---	---	---	9.7	7.2	8.2	9.8	7.1	8.0	8.0	5.5	6.6
30	---	---	---	10.3	7.2	8.3	8.7	6.6	7.5	8.1	5.7	6.7
31	---	---	---	11.0	7.6	8.9	---	---	---	7.8	5.6	6.5
Month	12.3	7.4	10.1	11.6	6.7	8.7	11.2	5.7	7.9	10.2	5.5	7.2

08070200 East Fork San Jacinto River near New Caney, TX—Continued**DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
				June			July			August		
1	8.1	5.5	6.6	8.1	5.1	6.4	7.5	5.4	6.2	7.9	4.9	6.3
2	8.0	4.6	6.2	8.2	5.0	6.4	7.6	5.2	6.2	7.8	4.6	6.3
3	7.9	4.9	6.2	7.9	4.9	6.3	7.7	5.1	6.1	6.6	4.7	5.9
4	7.7	4.7	5.9	8.2	4.9	6.4	7.8	5.0	6.2	6.8	4.8	5.8
5	7.5	4.3	5.7	8.5	5.0	6.4	7.8	4.9	6.1	8.3	5.3	6.7
6	7.4	4.6	5.7	7.3	5.1	6.1	7.6	4.8	6.1	8.7	5.6	7.0
7	8.3	4.6	6.1	8.2	5.3	6.5	7.6	4.8	6.0	8.7	5.9	7.3
8	7.9	4.8	6.0	8.1	5.4	6.5	7.7	4.8	6.1	8.9	6.0	7.4
9	8.0	4.5	5.9	7.5	5.4	6.3	7.6	4.7	6.1	8.9	6.1	7.5
10	7.9	3.9	5.8	7.9	5.4	6.4	7.5	4.7	6.0	8.7	5.8	7.3
11	8.1	4.7	6.1	7.7	5.2	6.2	7.8	4.6	6.1	8.4	5.6	7.0
12	8.4	5.1	6.5	7.5	5.0	6.1	7.7	4.5	6.1	8.6	5.3	6.9
13	8.4	5.0	6.3	7.8	5.0	6.2	7.8	4.6	6.1	8.5	5.3	6.8
14	8.3	4.7	6.2	7.6	4.9	6.1	7.0	4.6	5.9	8.4	4.9	6.6
15	7.8	3.6	5.7	7.2	4.8	6.0	8.2	4.7	6.3	8.2	4.8	6.5
16	7.7	3.6	5.5	6.8	4.7	5.6	8.2	4.8	6.4	8.8	5.0	6.8
17	8.1	4.4	6.1	7.5	5.2	6.2	8.1	4.7	6.4	8.5	5.0	6.6
18	8.0	4.4	6.1	7.6	5.3	6.2	8.0	4.7	6.4	7.4	4.8	6.3
19	8.0	4.0	5.9	6.8	5.5	6.1	7.8	4.6	6.2	8.2	5.5	6.7
20	7.6	4.7	6.0	7.8	5.8	6.6	7.6	4.5	6.1	8.5	5.5	6.9
21	7.8	4.4	6.0	6.8	5.5	6.2	7.7	4.7	6.2	8.2	5.5	6.8
22	6.6	4.8	5.6	7.1	6.1	6.5	7.7	4.7	6.2	8.7	6.1	7.1
23	8.0	4.7	6.3	7.0	5.9	6.3	7.8	4.7	6.3	8.9	6.2	7.2
24	8.1	5.3	6.4	7.0	5.6	6.2	7.6	4.5	6.1	9.0	6.4	7.4
25	7.8	5.5	6.5	7.0	5.6	6.1	7.5	4.5	6.0	8.8	6.1	7.3
26	8.2	5.5	6.6	7.3	5.4	6.2	7.7	4.5	6.1	8.4	5.6	6.8
27	8.3	5.5	6.7	7.1	5.4	6.1	7.7	4.5	6.2	8.4	5.3	6.7
28	8.1	5.4	6.5	6.8	5.3	5.9	7.8	4.4	6.2	8.5	5.2	6.8
29	8.0	5.3	6.4	7.0	5.6	6.2	8.1	4.6	6.2	8.0	5.2	6.6
30	8.1	5.2	6.4	7.5	5.6	6.3	8.1	4.8	6.3	8.9	5.4	7.0
31	---	---	---	7.6	5.5	6.3	8.1	4.8	6.3	---	---	---
Month	8.4	3.6	6.1	8.5	4.7	6.2	8.2	4.4	6.2	9.0	4.6	6.8

08070200 East Fork San Jacinto River near New Caney, TX—Continued



Water-Data Report 2011

08070200 East Fork San Jacinto River near New Caney, TX—Continued**TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
October				November				December				January
1	15	10	11	18	6.9	8.5	12	9.3	10	67	20	32
2	16	9.7	11	110	12	33	23	11	13	69	21	35
3	14	9.7	10	160	11	51	22	13	15	23	16	19
4	18	9.4	11	120	18	38	37	15	21	18	13	15
5	18	9.3	10	34	12	18	31	12	25	180	18	60
6	15	8.8	10	40	12	23	39	7.2	19	130	36	52
7	15	8.7	10	36	14	21	35	9.4	26	36	27	30
8	14	8.9	9.7	17	13	14	22	7.5	11	97	27	56
9	17	8.9	11	18	11	12	26	7.8	10	84	28	46
10	18	8.8	11	22	12	17	26	9.4	14	57	24	34
11	15	8.4	9.6	89	14	28	32	8.3	17	36	26	28
12	16	8.1	9.9	280	28	100	35	10	20	78	28	46
13	17	8.2	10	260	30	100	44	6.4	18	28	16	21
14	16	8.1	9.6	210	40	77	26	6.1	9.2	38	16	26
15	19	7.7	10	49	22	31	7.8	6.0	6.7	19	14	17
16	18	7.7	11	54	22	35	13	5.7	6.6	23	14	17
17	20	7.8	11	69	25	40	24	5.5	7.7	38	22	29
18	19	8.2	10	45	27	33	19	5.2	6.8	30	26	27
19	19	8.5	9.7	36	24	26	---	---	---	57	26	41
20	20	8.5	11	34	20	27	---	---	---	32	22	25
21	20	8.2	10	20	16	17	5.4	4.1	4.4	37	23	29
22	21	8.1	9.9	21	16	18	6.6	4.3	4.7	26	22	23
23	20	7.8	9.8	17	12	14	5.8	4.2	4.7	25	21	23
24	23	7.8	11	15	10	12	7.8	4.2	4.8	83	20	40
25	17	8.2	9.9	12	9.2	10	7.8	4.8	5.5	---	---	---
26	17	8.6	9.6	13	10	12	28	5.7	14	---	---	---
27	13	8.0	9.0	13	7.6	9.2	11	7.6	9.0	---	---	---
28	16	7.6	9.1	12	7.0	8.0	21	8.1	14	35	22	26
29	17	7.4	9.2	10	7.4	8.3	100	11	21	23	21	22
30	9.8	7.5	8.3	12	8.4	9.5	130	17	45	25	19	22
31	9.8	7.3	8.0	---	---	---	49	24	35	85	21	44
Month	23	7.3	10	280	6.9	28	---	---	---	---	---	---

08070200 East Fork San Jacinto River near New Caney, TX—Continued**TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
February				March				April				May
1	170	44	72	9.0	5.8	7.0	26	11	14	21	13	16
2	140	45	73	8.2	5.2	6.5	26	12	16	25	17	19
3	67	45	49	7.4	5.7	6.4	18	11	13	20	16	18
4	76	44	55	7.9	5.4	6.3	20	12	14	20	16	17
5	46	29	35	9.4	6.6	7.5	20	12	14	22	14	17
6	36	28	30	62	7.3	21	16	12	13	17	14	15
7	29	24	26	13	9.4	11	24	12	15	17	14	15
8	26	21	23	73	11	37	45	16	28	19	13	14
9	22	18	20	67	28	40	43	18	26	16	12	14
10	19	16	18	28	18	23	38	17	23	18	12	14
11	17	15	16	21	14	15	22	16	18	19	11	13
12	15	12	14	19	14	17	22	16	18	14	11	12
13	13	11	12	17	13	15	24	16	18	16	11	12
14	13	12	12	13	11	12	26	16	18	18	11	12
15	14	11	12	12	11	12	25	17	18	13	9.7	11
16	13	10	11	12	9.8	11	28	17	18	19	9.6	11
17	12	9.8	11	13	9.4	10	24	16	18	19	8.8	11
18	12	9.7	11	10	8.4	9.4	28	15	17	13	7.7	9.8
19	12	9.3	10	16	8.3	9.4	26	16	18	12	8.0	9.6
20	11	8.7	9.5	18	8.0	8.9	28	16	20	14	7.8	9.4
21	10	8.4	9.3	9.8	7.7	8.5	27	17	20	10	7.3	8.4
22	10	7.5	8.7	14	7.3	8.2	24	17	19	15	7.6	9.6
23	10	7.5	8.3	9.4	7.2	7.8	24	17	18	14	7.2	8.4
24	9.4	7.1	8.0	12	7.3	8.2	24	18	20	22	7.6	13
25	9.1	6.9	7.7	14	7.6	8.9	29	9.9	16	---	---	---
26	8.7	6.4	7.4	29	7.7	13	18	9.9	12	---	---	---
27	9.0	6.3	7.4	36	8.9	16	21	11	14	---	---	---
28	8.4	6.5	7.3	31	8.9	16	16	13	14	---	---	---
29	---	---	---	25	9.4	16	17	12	13	---	---	---
30	---	---	---	28	9.5	16	17	12	13	---	---	---
31	---	---	---	28	9.7	15	---	---	---	---	---	---
Month	170	6.3	21	73	5.2	14	45	9.9	17	---	---	---

08070200 East Fork San Jacinto River near New Caney, TX—Continued**TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	
June				July				August				September	
1	---	---	---	9.9	6.9	7.7	27	14	22	7.4	4.4	5.1	
2	11	8.3	9.0	8.9	6.8	7.7	27	17	22	8.0	4.4	5.2	
3	13	8.1	9.1	14	7.0	8.0	18	13	16	13	4.8	6.1	
4	11	8.2	8.9	16	7.3	8.7	16	11	13	13	4.6	6.0	
5	12	8.1	9.2	24	6.6	9.7	16	10	12	11	4.3	5.8	
6	13	7.9	8.9	8.9	6.5	7.5	12	9.7	11	10	4.5	5.4	
7	10	7.2	8.6	9.8	6.8	7.5	12	9.4	10	6.7	4.2	5.1	
8	11	7.0	8.1	11	7.0	8.0	13	9.5	10	6.6	4.5	5.1	
9	9.5	7.1	8.1	9.2	6.6	7.7	11	9.1	9.9	9.1	4.2	5.5	
10	11	7.5	9.1	9.5	7.0	7.8	14	8.2	9.4	7.3	4.2	5.0	
11	17	9.0	11	11	7.2	7.9	10	7.6	8.5	8.5	4.1	4.8	
12	18	9.3	11	11	7.0	7.8	9.8	7.1	8.3	5.7	3.2	4.2	
13	20	8.7	13	9.0	6.9	7.8	11	6.8	8.2	5.4	3.3	4.0	
14	14	6.6	9.5	9.1	7.0	7.9	14	6.6	8.3	6.0	3.3	4.0	
15	12	6.5	7.8	9.8	7.3	8.4	15	6.4	7.6	5.9	3.4	4.0	
16	10	6.1	7.3	10	6.7	8.1	17	6.5	7.9	5.3	3.3	4.0	
17	12	6.2	7.1	9.2	6.9	7.9	10	5.8	7.4	6.2	3.4	4.0	
18	10	5.8	7.0	10	7.1	8.2	8.8	6.5	7.7	5.2	3.3	4.1	
19	8.2	5.8	7.0	11	7.4	8.8	8.5	6.5	7.4	8.4	3.8	4.5	
20	8.8	5.6	6.9	13	7.8	9.6	8.0	6.1	7.0	5.3	3.7	4.2	
21	9.2	5.5	6.6	30	8.2	16	10	5.9	7.0	5.9	3.8	4.7	
22	12	5.6	7.7	15	11	13	11	5.5	6.5	9.8	4.6	5.0	
23	11	6.4	7.7	21	13	18	8.0	5.4	6.2	6.9	4.5	5.4	
24	8.5	5.9	7.1	19	15	17	11	5.3	6.4	14	5.3	6.0	
25	12	6.0	7.0	20	14	16	11	5.1	6.1	12	5.4	6.2	
26	12	5.8	7.0	17	14	15	9.9	5.0	5.8	7.8	5.4	6.0	
27	8.3	5.8	6.8	20	14	16	7.5	4.7	5.6	8.6	5.2	6.1	
28	8.7	5.8	7.1	16	13	14	8.2	4.7	5.4	13	5.3	6.3	
29	9.4	6.7	7.5	20	14	17	6.7	4.8	5.3	10	5.7	6.3	
30	10	6.8	7.7	18	13	15	17	4.7	5.6	10	5.4	6.2	
31	---	---	---	16	13	14	7.4	4.5	5.3	---	---	---	
Month	---	---	---	30	6.5	11	27	4.5	9.0	14	3.2	5.1	

08070200 East Fork San Jacinto River near New Caney, TX—Continued