

Water-Data Report 2012

**08065350 Trinity River near Crockett, TX**

Lower Trinity Basin  
Lower Trinity-Tehuacana Subbasin

LOCATION.--Lat 31°20'18", long 95°39'22" referenced to North American Datum of 1927, Houston County, TX, Hydrologic Unit 12030201, on left bank at an abandoned bridge abutment near left end of an abandoned lock and dam, 1,000 ft upstream from State Highway 7, 6.9 mi downstream from Upper Keechi Creek, 11.9 mi west of Crockett, and at mile 265.4.

DRAINAGE AREA.--13,911 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Jan. 1964 to current year.

GAGE.--Water-stage recorder. Datum of gage is 141.15 ft above NGVD of 1929. Prior to Oct. 13, 1983, water-stage recorder at site 1,000 ft downstream at datum 4.56 ft lower. Satellite telemeter at station.

REMARKS.--Records good. Since installation of gage at least 10% of contributing drainage area has been regulated. There are many diversions above station for irrigation, municipal, and industrial uses. 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 1900, 56.1 ft, Apr. 30 or May 1, 1942, at former site and datum, from information by Texas Department of Transportation.

## 08065350 Trinity River near Crockett, TX—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	665	1,050	959	1,190	18,300	2,430	35,700	1,360	935	797	652	1,090
2	672	921	875	1,140	18,800	2,240	32,800	1,280	1,400	764	622	1,020
3	743	796	808	1,090	20,500	2,270	29,500	1,230	2,010	773	608	935
4	785	758	787	1,050	20,100	2,090	26,500	1,220	2,740	793	611	866
5	729	748	837	999	14,200	1,960	23,300	1,190	2,160	761	602	813
6	694	740	1,340	947	7,850	2,040	20,300	1,160	1,510	776	605	780
7	691	724	5,770	964	5,110	1,810	18,600	1,140	1,300	774	599	777
8	695	723	9,320	977	3,690	1,650	17,900	1,140	1,320	822	612	728
9	692	704	9,760	1,020	2,870	2,320	17,400	1,140	1,690	797	629	677
10	691	710	6,080	1,150	2,750	2,460	16,100	1,210	5,090	778	653	690
11	707	905	2,400	1,950	2,380	3,960	14,800	1,270	5,980	895	672	714
12	1,240	1,150	1,480	6,650	2,020	8,570	14,900	1,450	3,590	930	660	667
13	4,240	1,120	1,230	9,640	2,120	11,300	14,300	1,530	2,970	1,060	730	654
14	3,990	930	1,160	9,600	2,130	12,500	11,000	1,580	2,000	956	731	693
15	2,760	815	1,090	5,560	1,920	12,200	7,850	2,550	1,670	1,030	705	741
16	3,340	770	1,060	2,140	1,940	8,050	6,650	2,910	1,390	1,060	675	752
17	2,450	768	1,500	1,520	2,300	4,270	5,750	2,150	1,360	941	658	820
18	1,480	826	3,580	1,380	3,910	3,190	4,700	1,600	1,560	865	1,620	939
19	1,060	928	3,800	1,310	6,500	2,820	4,700	1,370	1,800	930	3,500	858
20	873	945	2,750	1,250	9,320	4,840	4,270	1,260	1,640	992	2,590	823
21	1,180	921	2,060	1,210	13,200	13,800	3,450	1,180	1,340	955	2,140	904
22	1,610	911	2,390	1,170	16,000	19,200	3,110	1,090	1,150	861	4,850	862
23	1,410	885	4,140	1,140	16,400	23,400	2,840	1,030	1,070	793	4,950	799
24	1,100	896	3,440	1,100	13,300	25,000	2,630	969	1,040	813	2,700	758
25	943	1,250	2,170	1,220	7,710	27,900	2,380	904	988	906	1,710	731
26	1,340	1,880	1,680	1,880	4,920	31,500	2,180	868	935	822	1,440	710
27	2,140	1,610	1,530	7,220	3,730	34,900	2,050	940	877	738	1,270	658
28	1,690	1,250	1,550	13,100	2,820	37,500	1,840	909	833	706	1,100	641
29	1,200	1,040	1,460	16,100	2,450	38,800	1,660	870	820	685	1,000	914
30	945	1,000	1,340	17,500	---	38,900	1,490	845	812	673	1,070	9,560
31	952	---	1,250	18,000	---	37,800	---	865	---	668	1,170	---
<b>Total</b>	43,707	28,674	79,596	131,167	229,240	421,670	350,650	40,210	53,980	26,114	42,134	32,574
<b>Mean</b>	1,410	956	2,568	4,231	7,905	13,600	11,690	1,297	1,799	842	1,359	1,086
<b>Max</b>	4,240	1,880	9,760	18,000	20,500	38,900	35,700	2,910	5,980	1,060	4,950	9,560
<b>Min</b>	665	704	787	947	1,920	1,650	1,490	845	812	668	599	641
<b>Ac-ft</b>	86,690	56,870	157,900	260,200	454,700	836,400	695,500	79,760	107,100	51,800	83,570	64,610

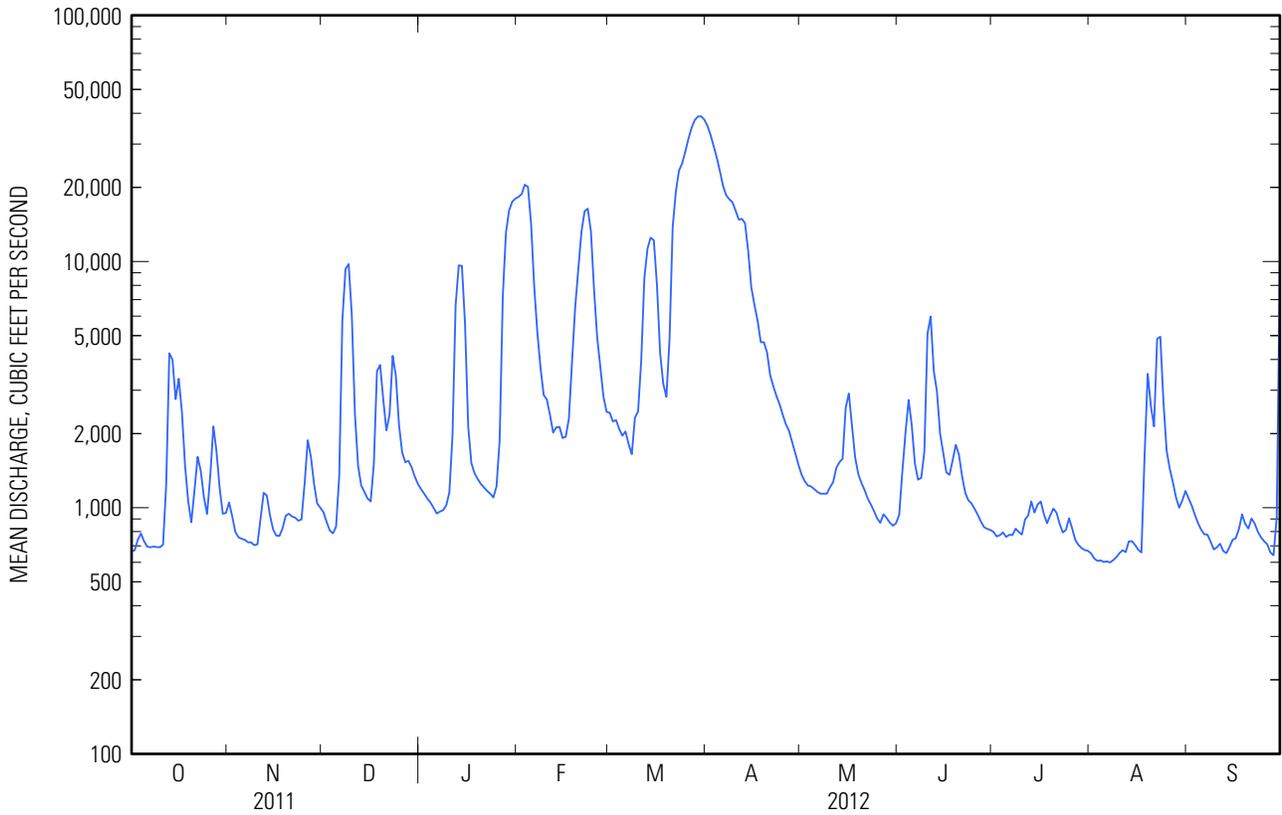
**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2012, BY WATER YEAR (WY)**

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	3,322	5,474	6,856	6,211	8,048	10,180	8,670	11,480	8,614	3,875	2,063	2,040
<b>Max</b>	19,920	26,110	35,440	33,620	32,430	39,700	25,960	62,100	29,570	40,480	12,960	7,508
<b>(WY)</b>	(2010)	(1975)	(1992)	(1992)	(2010)	(2001)	(1977)	(1990)	(1989)	(2007)	(2007)	(2007)
<b>Min</b>	548	619	719	514	670	730	931	939	822	374	413	513
<b>(WY)</b>	(1979)	(1967)	(1967)	(1964)	(1967)	(1967)	(1972)	(1971)	(1971)	(1964)	(1967)	(1972)

08065350 Trinity River near Crockett, TX—Continued

SUMMARY STATISTICS

	Calendar Year 2011		Water Year 2012		Water Years 1964 - 2012	
<b>Annual total</b>	620,321		1,479,716			
<b>Annual mean</b>	1,700		4,043		6,481	
<b>Highest annual mean</b>					16,810	1992
<b>Lowest annual mean</b>					1,352	1971
<b>Highest daily mean</b>	10,400	May 21	38,900	Mar 30	109,000	May 10, 1990
<b>Lowest daily mean</b>	494	Sep 5	599	Aug 7	278	Aug 12, 1964
<b>Annual seven-day minimum</b>	534	Sep 9	608	Aug 2	293	Aug 10, 1964
<b>Maximum peak flow</b>			39,100	Mar 29	109,000	May 10, 1990
<b>Maximum peak stage</b>			39.58	Mar 29	48.54	May 10, 1990
<b>Annual runoff (ac-ft)</b>	1,230,000		2,935,000		4,695,000	
<b>10 percent exceeds</b>	3,500		13,100		18,900	
<b>50 percent exceeds</b>	1,190		1,250		2,270	
<b>90 percent exceeds</b>	624		710		795	



## 08065350 Trinity River near Crockett, TX—Continued

## WATER-QUALITY RECORDS

## PERIOD OF RECORD.--

CHEMICAL DATA: Feb. 1964 to current year.  
 BIOCHEMICAL DATA: Feb. 1964 to current year.  
 BIOLOGICAL DATA: Oct. 1974 to Sept. 1977, Dec. 1992 to Aug. 1994.  
 PESTICIDE DATA: Nov. 1971 to July 1981, Dec. 1992, Feb 1994 and May 1994.  
 RADIOCHEMICAL DATA: Feb. 1981 and Dec. 1992.  
 SEDIMENT DATA: Nov. 1972 to Sept. 1977.

## PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Feb. 1964 to current year.  
 pH: Mar. 1975 to current year.  
 WATER TEMPERATURE: Feb. 1964 to Sept. 1971, Mar. 1975 to current year.  
 DISSOLVED OXYGEN: Mar. 1975 to current year.  
 SUSPENDED-SEDIMENT DISCHARGE: July 1972 to Sept. 1977.

## INSTRUMENTATION.--Water-quality monitor since Mar. 1975.

REMARKS.--Record for water temperature fair. Record for pH fair. Record for specific conductance fair. Record for dissolved oxygen fair. Some records listed in the "Period of Record" for surface water and water quality may not be available electronically. 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. Mean monthly and annual concentrations and loads for selected chemical constituents have been computed for previous years using the daily (or continuous) records of specific conductance and a regression relation between each chemical constituent and specific conductance. The computation of the selected constituent loads might include estimated discharge or specific conductance data. Regression equations developed for this station may be obtained from the U.S. Geological Survey Texas Water Science Center upon request.

## EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 2,370 microsiemens/cm, Sept. 22, 1964; minimum, 89 microsiemens/cm, June 8, 2001.  
 pH: Maximum, 9.8 standard units, Sept. 5, 2011; minimum, 5.9 units, Aug. 12, 1977.  
 WATER TEMPERATURE: Maximum, 37.0°C, July 4, 1970, Sept. 4, 1978; minimum, 1.0°C, Jan. 17, 1978, Nov. 24, 1984.  
 DISSOLVED OXYGEN: Maximum, 19.3 mg/L, Feb. 10, 1981; minimum, 0.0 mg/L, Apr. 20, 1976.

## EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 906 microsiemens/cm, Sept. 29; minimum, 125 microsiemens/cm, Sept. 30.  
 pH: Maximum, 9.5 units, Sept. 14; minimum, 7.2 units, Feb. 2-8, Mar. 20-21.  
 WATER TEMPERATURE: Maximum, 34.2°C, July 30 - Aug. 1; minimum, 9.0°C, Jan. 4.  
 DISSOLVED OXYGEN: Maximum, 13.8 mg/L, June 25; minimum, 3.9 mg/L, May 25.

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 1 of 6

[% , percent; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; <, less than]

Date	Sample start time	Medium name	Sample type	Barometric pressure, mm Hg (00025)	Discharge, instantaneous, ft <sup>3</sup> /s (00061)	Dissolved oxygen, water, unfiltered, mg/L (00300)	Dissolved oxygen, water, unfiltered, % saturation (00301)	pH, water, unfiltered, field, standard units (00400)
10-24-2011	1235	Surface water	Regular	765	1,090	7.8	87	8.1
10-24-2011	1245	<i>QC sample - Surface water</i>	<i>Replicate</i>	--	--	--	--	--
02-22-2012	1027	Surface water	Regular	755	16,500	8.2	79	7.5
04-04-2012	0938	Surface water	Regular	755	26,900	5.7	66	7.4
06-06-2012	0940	Surface water	Regular	754	1,600	5.8	77	7.7
07-26-2012	0940	Surface water	Regular	758	830	5.8	79	8.0

## 08065350 Trinity River near Crockett, TX—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 2 of 6

[%, percent; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; <, less than]

Date	Sample start time	pH, water, unfiltered, laboratory, standard units (00403)	Specific conductance, water, unfiltered, laboratory, µS/cm at 25°C (90095)	Specific conductance, water, unfiltered, µS/cm at 25°C (00095)	Temperature, water, °C (00010)	Type of replicate (99105)	Biochemical oxygen demand, water, unfiltered, 5 days at 20°C, mg/L (00310)	Dissolved solids, water, filtered, sum of constituents, mg/L (70301)	Dissolved solids, water, filtered, tons per acre-foot (70303)	Dissolved solids, water, tons per day (70302)
10-24-2011	1235	7.9	445	323	20.9	--	--	252	0.34	741
10-24-2011	1245	8.0	446	--	--	<i>Sequential</i>	--	248	.34	--
02-22-2012	1027	7.8	355	347	13.1	--	1.8	205	.28	9,130
04-04-2012	0938	7.7	371	376	21.9	--	2.1	212	.29	15,400
06-06-2012	0940	7.9	699	705	29.4	--	1.7	410	.56	1,770
07-26-2012	0940	8.2	731	758	31.4	--	2.1	402	.55	900

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 3 of 6

[%, percent; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; <, less than]

Date	Sample start time	Hardness, water, mg/L as CaCO <sub>3</sub> (00900)	Non-carbonate hardness, water, filtered, field, mg/L as CaCO <sub>3</sub> (00904)	Calcium, water, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)	Sodium adsorption ratio, water, number (00931)	Sodium fraction of cations, percent in water, equivalents of major cations (00932)	Sodium, water, filtered, mg/L (00930)	Alkalinity, water, filtered, inflection-point, incremental titration method, field, mg/L as CaCO <sub>3</sub> (39086)
10-24-2011	1235	130	41	44.8	4.46	6.15	1.34	36	35.1	90
10-24-2011	1245	130	45	44.6	4.42	6.08	1.32	35	34.5	85
02-22-2012	1027	121	41	41.8	4.00	4.70	.95	29	24.0	80
04-04-2012	0938	137	36	47.4	4.58	5.44	.81	25	21.9	100
06-06-2012	0940	178	78	61.2	6.13	9.88	2.24	44	68.6	101
07-26-2012	0940	184	135	62.7	6.65	11.3	2.39	45	74.4	49

## 08065350 Trinity River near Crockett, TX—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 4 of 6

[%, percent; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; <, less than]

Date	Sample start time	Bicarbonate, water, filtered, inflection-point, incremental titration method, field, mg/L (00453)	Carbon dioxide, water, unfiltered, mg/L (00405)	Carbonate, water, filtered, inflection-point incremental titration method, field, mg/L (00452)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO <sub>2</sub> (00955)	Sulfate, water, filtered, mg/L (00945)	Ammonia plus organic nitrogen, water, filtered, mg/L as N (00623)
10-24-2011	1235	109	1.4	< 1	35.9	0.45	6.05	50.8	0.45
10-24-2011	1245	103	--	< 1	35.7	.45	6.06	50.5	.46
02-22-2012	1027	97	5.5	< 1	21.1	.32	7.44	44.7	.51
04-04-2012	0938	121	7.3	1	20.7	.30	7.10	39.9	.51
06-06-2012	0940	122	3.6	< 1	71.5	.86	7.51	83.5	.77
07-26-2012	0940	60	.9	< 1	80.1	.84	9.61	85.9	.75

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 5 of 6

[%, percent; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; <, less than]

Date	Sample start time	Ammonia, water, filtered, mg/L as NH <sub>4</sub> (71846)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrate, water, filtered, mg/L (71851)	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)	Orthophosphate, water, filtered, mg/L (00660)
10-24-2011	1235	0.041	0.032	3.07	13.5	3.04	0.091	0.028	0.42	1.10
10-24-2011	1245	.070	.054	3.05	13.4	3.02	.091	.028	.40	1.14
02-22-2012	1027	.065	.050	1.96	8.60	1.94	.072	.022	.45	.484
04-04-2012	0938	.034	.026	.865	3.72	.839	.082	.025	.48	.331
06-06-2012	0940	.024	.018	8.75	38.5	8.69	.201	.061	.75	2.52
07-26-2012	0940	.033	.025	8.70	38.4	8.66	.136	.041	.72	2.35

**08065350 Trinity River near Crockett, TX—Continued****WATER-QUALITY DATA  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 6 of 6

[%, percent; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus;  
SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams  
per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm,  
microsiemens per centimeter; <, less than]

<b>Date</b>	<b>Sample start time</b>	<b>Orthophos- phate, water, filtered, mg/L as P (00671)</b>	<b>Phos- phorus, water, filtered, mg/L as P (00666)</b>	<b>Total nitrogen, water, filtered, mg/L (00602)</b>
<b>10-24-2011</b>	<b>1235</b>	0.359	0.34	3.5
<b>10-24-2011</b>	<b>1245</b>	.372	.36	3.5
<b>02-22-2012</b>	<b>1027</b>	.158	.18	2.5
<b>04-04-2012</b>	<b>0938</b>	.108	.12	1.4
<b>06-06-2012</b>	<b>0940</b>	.821	.85	9.5
<b>07-26-2012</b>	<b>0940</b>	.767	.79	9.5

## 08065350 Trinity River near Crockett, TX—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	---	---	---	---	---	---	753	721	745	439	409	421
2	---	---	---	564	520	533	721	639	688	462	435	446
3	---	---	---	573	504	552	639	606	613	504	461	481
4	---	---	---	504	481	490	606	569	594	555	504	530
5	---	---	---	502	495	499	572	544	553	586	555	568
6	---	---	---	496	483	489	596	550	569	625	585	609
7	---	---	---	565	492	529	663	576	620	650	625	639
8	---	---	---	570	548	563	633	357	436	662	648	654
9	---	---	---	622	564	588	397	341	362	666	655	660
10	---	---	---	665	612	644	367	344	360	671	630	650
11	---	---	---	673	650	662	371	365	366	670	635	657
12	---	---	---	691	645	662	381	371	377	668	364	525
13	---	---	---	730	691	712	397	379	388	512	401	455
14	---	---	---	744	730	739	414	397	404	417	369	397
15	---	---	---	742	725	734	431	414	422	375	369	373
16	---	---	---	745	717	729	453	430	440	376	372	374
17	---	---	---	765	745	755	499	453	470	387	374	379
18	---	---	---	775	762	769	560	389	512	406	387	396
19	---	---	---	782	765	776	395	353	376	424	406	414
20	---	---	---	778	765	771	547	390	445	441	424	434
21	---	---	---	769	713	731	549	478	518	464	441	452
22	---	---	---	723	694	705	507	471	489	483	462	475
23	---	---	---	725	692	711	501	372	432	516	482	499
24	---	---	---	694	664	678	472	386	450	568	510	535
25	548	475	510	680	663	671	478	421	455	587	559	575
26	648	548	586	727	670	715	447	421	435	570	486	540
27	663	538	611	735	652	695	448	419	433	540	283	459
28	562	526	544	732	691	722	435	418	424	443	247	350
29	---	---	---	754	731	743	450	432	438	247	228	234
30	---	---	---	757	749	755	451	421	441	273	244	259
31	---	---	---	---	---	---	421	399	406	292	273	283
Month	---	---	---	---	---	---	753	341	473	671	228	475

## 08065350 Trinity River near Crockett, TX—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

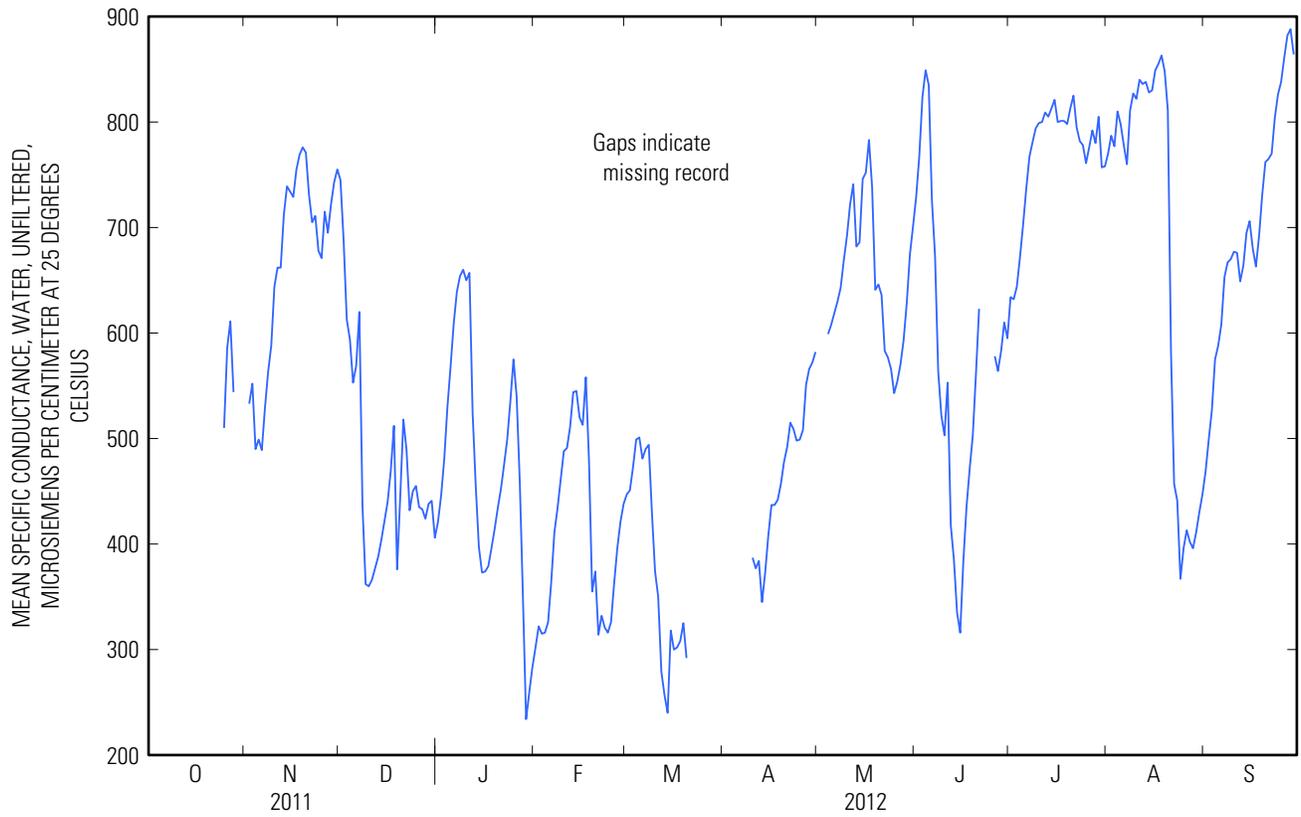
<b>Day</b>	<b>Max</b>	<b>Min</b>	<b>Mean</b>	<b>Max</b>	<b>Min</b>	<b>Mean</b>	<b>Max</b>	<b>Min</b>	<b>Mean</b>	<b>Max</b>	<b>Min</b>	<b>Mean</b>
	<b>February</b>			<b>March</b>			<b>April</b>			<b>May</b>		
<b>1</b>	312	292	302	450	443	447	---	---	---	---	---	---
<b>2</b>	330	312	322	461	444	451	---	---	---	---	---	---
<b>3</b>	332	278	315	480	461	473	---	---	---	---	---	---
<b>4</b>	320	308	316	510	480	499	---	---	---	604	593	599
<b>5</b>	338	317	326	504	496	501	---	---	---	616	598	608
<b>6</b>	387	338	364	496	474	481	---	---	---	625	615	619
<b>7</b>	425	387	411	495	486	490	---	---	---	638	625	630
<b>8</b>	452	420	434	501	476	494	---	---	---	651	638	643
<b>9</b>	471	452	461	476	358	430	---	391	---	682	651	669
<b>10</b>	500	471	488	393	364	374	390	386	387	704	682	692
<b>11</b>	503	481	491	381	282	350	390	367	377	738	704	722
<b>12</b>	531	499	511	304	226	279	406	353	384	765	694	741
<b>13</b>	550	531	544	285	226	257	362	330	345	695	667	682
<b>14</b>	552	530	545	281	228	240	390	362	373	718	673	686
<b>15</b>	530	515	520	334	281	318	431	390	408	766	718	746
<b>16</b>	527	496	513	321	293	300	446	431	437	798	717	752
<b>17</b>	591	511	558	305	300	302	440	435	437	798	776	783
<b>18</b>	598	395	479	312	305	308	444	439	442	777	675	738
<b>19</b>	395	334	355	339	312	325	472	435	457	675	630	641
<b>20</b>	384	350	374	344	225	292	490	472	478	656	635	646
<b>21</b>	350	295	314	---	---	---	507	487	492	649	608	636
<b>22</b>	338	311	332	---	---	---	526	507	515	608	574	583
<b>23</b>	326	317	321	---	---	---	514	503	509	581	572	577
<b>24</b>	322	312	316	---	---	---	503	495	498	574	547	566
<b>25</b>	341	313	326	---	---	---	501	496	499	550	539	543
<b>26</b>	381	341	363	---	---	---	531	497	508	560	550	554
<b>27</b>	410	381	396	---	---	---	563	531	551	583	560	570
<b>28</b>	431	410	421	---	---	---	568	563	566	602	583	593
<b>29</b>	447	430	438	---	---	---	574	567	572	652	602	628
<b>30</b>	---	---	---	---	---	---	589	574	582	688	651	674
<b>31</b>	---	---	---	---	---	---	---	---	---	714	687	701
<b>Month</b>	598	278	409	---	---	---	---	---	---	---	---	---

## 08065350 Trinity River near Crockett, TX—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	743	714	729	642	617	634	786	756	770	486	455	469
2	797	743	768	643	621	632	789	784	787	506	486	499
3	839	797	824	668	623	644	789	769	777	558	504	527
4	858	838	849	687	666	672	824	789	810	584	558	575
5	857	757	835	717	687	703	823	783	798	594	584	588
6	757	692	726	761	717	737	786	764	778	634	592	608
7	692	630	673	775	761	767	783	750	760	665	634	653
8	630	530	564	792	775	781	834	783	811	674	662	667
9	532	496	522	801	791	794	835	818	827	677	665	670
10	580	422	503	809	786	799	839	813	822	681	671	677
11	673	428	553	818	786	800	844	838	840	685	664	676
12	428	410	418	818	799	809	840	832	836	672	629	649
13	426	349	385	818	792	805	842	834	838	682	642	664
14	349	322	335	825	793	813	834	824	828	712	682	695
15	350	289	316	835	812	821	839	824	830	717	691	706
16	416	350	384	817	780	800	855	837	849	717	646	680
17	452	416	435	803	797	801	856	853	855	685	615	663
18	486	452	471	807	787	801	881	854	863	713	670	692
19	521	485	503	809	785	798	895	820	848	753	712	731
20	606	521	561	823	805	813	865	738	811	766	753	762
21	645	606	623	830	815	825	738	489	582	767	761	765
22	---	---	---	816	779	795	489	433	457	787	761	770
23	---	---	---	797	772	782	507	333	441	821	786	804
24	---	---	---	803	749	778	390	334	367	833	821	826
25	---	---	---	776	749	761	406	390	396	850	832	838
26	601	559	578	782	766	776	418	406	413	880	849	861
27	567	560	564	816	781	792	415	386	402	885	878	882
28	620	562	583	794	770	780	401	393	396	898	884	888
29	626	585	610	835	786	805	422	401	411	906	621	864
30	617	584	595	798	741	757	440	422	430	---	---	---
31	---	---	---	759	750	758	455	440	447	---	---	---
Month	---	---	---	835	617	769	895	333	680	---	---	---

08065350 Trinity River near Crockett, TX—Continued



08065350 Trinity River near Crockett, TX—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	---	---	---	---	7.7	7.6	7.5	7.4	7.3	7.3	7.7	7.7
2	---	---	7.7	7.6	7.7	7.6	7.5	7.4	7.3	7.2	7.8	7.7
3	---	---	7.8	7.7	7.7	7.6	7.5	7.5	7.3	7.2	7.8	7.8
4	---	---	7.8	7.7	7.7	7.6	7.6	7.5	7.2	7.2	7.8	7.8
5	---	---	7.8	7.7	7.7	7.6	7.7	7.5	7.2	7.2	7.8	7.7
6	---	---	7.9	7.8	7.7	7.6	7.7	7.6	7.3	7.2	7.8	7.7
7	---	---	7.9	7.8	7.7	7.4	7.8	7.7	7.3	7.2	7.8	7.8
8	---	---	7.9	7.8	7.6	7.4	7.9	7.7	7.3	7.2	7.8	7.7
9	---	---	8.0	7.8	7.6	7.5	7.8	7.7	7.4	7.3	7.7	7.5
10	---	---	8.1	7.9	7.6	7.5	7.8	7.6	7.4	7.3	7.5	7.5
11	---	---	8.1	8.0	7.5	7.5	7.7	7.6	7.4	7.4	7.5	7.5
12	---	---	8.2	7.9	7.5	7.5	7.6	7.4	7.4	7.4	7.5	7.4
13	---	---	8.2	8.0	7.5	7.5	7.4	7.3	7.4	7.4	7.5	7.4
14	---	---	8.2	7.9	7.5	7.5	7.4	7.3	7.4	7.4	7.5	7.4
15	---	---	8.0	7.8	7.6	7.5	7.4	7.3	7.4	7.4	7.4	7.3
16	---	---	7.9	7.8	7.6	7.5	7.4	7.4	7.4	7.3	7.3	7.3
17	---	---	8.0	7.7	7.6	7.6	7.4	7.4	7.9	7.3	7.3	7.3
18	---	---	8.0	7.8	7.6	7.5	7.5	7.4	7.9	7.6	7.3	7.3
19	---	---	8.0	7.8	7.6	7.5	7.5	7.4	7.7	7.6	7.4	7.3
20	---	---	7.9	7.8	7.5	7.4	7.5	7.5	7.7	7.6	7.3	7.2
21	---	---	7.9	7.7	7.5	7.4	7.6	7.5	7.7	7.6	---	---
22	---	---	7.8	7.7	7.5	7.4	7.6	7.5	7.7	7.6	---	---
23	---	---	7.9	7.7	7.5	7.4	7.7	7.6	7.6	7.6	---	---
24	---	---	7.8	7.7	7.5	7.4	7.7	7.6	7.6	7.6	---	---
25	---	---	7.8	7.6	7.5	7.4	7.7	7.6	7.6	7.6	---	---
26	---	---	7.7	7.6	7.4	7.4	7.6	7.3	7.7	7.6	---	---
27	---	---	7.7	7.6	7.5	7.4	7.6	7.3	7.8	7.7	---	---
28	7.8	7.8	7.7	7.6	7.5	7.4	7.6	7.4	7.7	7.7	---	---
29	---	---	7.7	7.6	7.5	7.5	7.6	7.5	7.7	7.7	---	---
30	---	---	7.7	7.6	7.5	7.5	7.5	7.4	---	---	---	---
31	---	---	---	---	7.5	7.4	7.4	7.3	---	---	---	---
Month	---	---	---	---	7.7	7.4	7.9	7.3	7.9	7.2	---	---

## 08065350 Trinity River near Crockett, TX—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	---	---	8.5	8.1	9.0	8.8	8.8	8.6	8.3	7.9	8.5	8.2
2	---	---	8.4	7.9	8.8	8.6	8.8	8.6	8.3	7.9	8.5	8.2
3	---	---	8.6	8.2	8.6	8.2	8.8	8.5	8.2	7.8	8.7	8.3
4	---	---	8.7	8.3	8.2	8.0	8.8	8.7	8.2	7.8	8.9	8.5
5	---	---	8.9	8.5	8.0	7.9	8.7	8.6	8.1	7.8	9.0	8.7
6	---	---	8.8	8.6	8.0	7.9	8.6	8.3	8.0	7.7	9.1	8.9
7	---	---	8.9	8.5	8.0	8.0	8.8	8.4	8.0	7.7	9.2	8.9
8	---	---	8.9	8.6	8.1	8.0	8.7	8.5	8.2	7.7	9.2	9.0
9	---	---	8.9	8.6	8.1	7.9	8.7	8.3	8.2	7.8	9.3	9.0
10	7.6	7.5	8.8	8.5	8.0	7.9	8.4	8.0	8.0	7.8	9.3	9.1
11	7.6	7.5	8.7	8.5	7.9	7.8	8.4	7.9	8.1	7.7	9.4	9.2
12	7.6	7.4	8.5	7.8	8.0	7.9	8.7	8.3	8.1	7.8	9.4	9.1
13	---	---	7.9	7.8	8.0	7.9	8.7	8.3	8.0	7.7	9.4	9.1
14	---	---	8.0	7.7	8.0	7.9	8.5	8.0	8.0	7.7	9.5	9.3
15	---	---	7.9	7.8	7.9	7.8	8.2	8.0	8.1	7.8	9.4	9.1
16	---	---	7.8	7.7	8.0	7.8	8.2	7.8	8.1	7.8	9.1	8.7
17	---	---	7.8	7.7	8.1	8.0	8.0	7.6	8.3	7.8	8.9	8.5
18	---	---	7.8	7.7	8.3	8.1	8.0	7.6	8.0	7.8	8.8	8.6
19	---	---	7.9	7.8	8.4	8.2	8.0	7.7	---	---	8.8	8.1
20	---	---	8.0	7.9	8.5	8.3	8.1	7.8	---	---	8.5	8.3
21	---	---	8.0	7.9	8.7	8.2	8.0	7.7	---	---	8.4	8.2
22	---	---	8.0	7.9	---	---	8.0	7.7	---	---	8.4	8.2
23	---	---	8.1	7.9	---	---	7.9	7.7	---	---	8.3	8.2
24	8.0	7.8	8.3	8.0	---	---	8.0	7.6	---	---	8.3	8.0
25	8.1	7.9	8.4	8.1	---	---	7.9	7.7	---	---	8.3	8.0
26	8.2	8.0	8.5	8.2	9.0	8.8	8.0	7.7	---	---	8.3	8.0
27	8.7	8.1	8.6	8.3	8.9	8.6	8.0	7.7	---	---	8.4	8.0
28	8.8	8.2	8.8	8.4	8.8	8.6	8.0	7.7	7.9	7.8	8.2	7.9
29	9.0	8.3	9.0	8.5	8.8	8.6	8.2	7.8	8.0	7.9	8.0	7.6
30	8.7	8.2	9.0	8.8	8.6	8.5	8.2	7.8	8.1	7.9	8.2	7.4
31	---	---	9.0	8.9	---	---	8.2	7.8	8.3	8.0	---	---
Month	---	---	9.0	7.7	---	---	8.8	7.6	---	---	9.5	7.4

## 08065350 Trinity River near Crockett, TX—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	---	---	---	18.7	---	---	13.1	11.8	12.5	11.0	9.9	10.4
2	---	---	---	19.0	17.8	18.3	13.6	12.7	13.2	10.7	9.8	10.2
3	---	---	---	18.5	16.9	17.7	14.6	13.3	13.9	10.2	9.1	9.6
4	---	---	---	17.2	16.0	16.6	14.7	14.0	14.4	10.2	9.0	9.6
5	---	---	---	16.6	15.5	16.1	14.0	12.8	13.5	10.6	9.3	10
6	---	---	---	17.3	16.2	16.8	12.8	10.9	11.9	11.6	10.2	10.9
7	---	---	---	18.2	17.3	17.9	11.6	10.5	11.1	12.3	11.2	11.7
8	---	---	---	19.5	18.2	19.0	11.8	10.6	11.2	12.8	11.9	12.3
9	---	---	---	19.1	18.0	18.7	10.6	9.8	10.1	12.7	12.5	12.6
10	---	---	---	18.2	16.8	17.7	9.9	9.5	9.7	12.6	12.0	12.4
11	---	---	---	16.8	16.1	16.5	9.7	9.2	9.4	12.3	11.5	11.9
12	---	---	---	16.5	15.3	15.9	9.9	9.3	9.6	12.0	10.5	11.2
13	---	---	---	17.5	15.8	16.6	10.6	9.6	10.0	10.9	10.4	10.7
14	---	---	---	18.7	17.4	18.1	12.4	10.6	11.5	10.4	9.6	10
15	---	---	---	19.1	18.6	18.9	13.0	12.4	12.7	9.9	9.2	9.6
16	---	---	---	19.5	18.9	19.2	12.9	12.7	12.8	11.1	9.9	10.4
17	---	---	---	18.9	17.7	18.4	13.0	12.2	12.6	12.4	11.1	11.8
18	---	---	---	17.7	16.9	17.3	12.6	12.2	12.4	12.0	11.2	11.6
19	---	---	---	17.9	16.9	17.4	12.5	11.7	12.1	12.4	11.2	11.8
20	---	---	---	19.0	17.8	18.4	12.8	12.5	12.6	13.8	12.1	12.9
21	---	---	---	19.9	18.8	19.3	13.0	12.7	12.8	14.2	13.6	13.9
22	---	---	---	20.0	18.8	19.4	13.1	12.8	12.9	14.7	13.6	14.1
23	---	---	---	19.1	18.0	18.5	12.8	11.8	12.2	14.9	13.8	14.3
24	---	---	---	18.0	16.5	17.2	11.8	11.6	11.6	14.2	13.5	13.8
25	22.1	20.9	21.5	16.8	15.8	16.4	11.6	11.3	11.4	13.9	13.6	13.7
26	22.8	21.6	22.1	16.5	15.7	16.3	11.3	10.9	11.2	13.9	13.4	13.6
27	22.3	21.6	22.0	15.7	14.0	14.9	11.0	10.3	10.7	13.4	12.0	12.9
28	21.6	19.8	20.7	14.2	13.3	13.7	10.4	9.9	10.1	12.5	11.8	12.3
29	---	---	---	13.5	12.5	13.0	9.9	9.6	9.8	11.8	11.2	11.4
30	---	---	---	13.1	12.0	12.6	10.4	9.3	9.8	11.6	11.0	11.3
31	---	---	---	---	---	---	10.7	9.6	10.0	11.4	11.2	11.3
<b>Month</b>	---	---	---	20.0	---	---	14.7	9.2	11.6	14.9	9.0	11.7

## 08065350 Trinity River near Crockett, TX—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

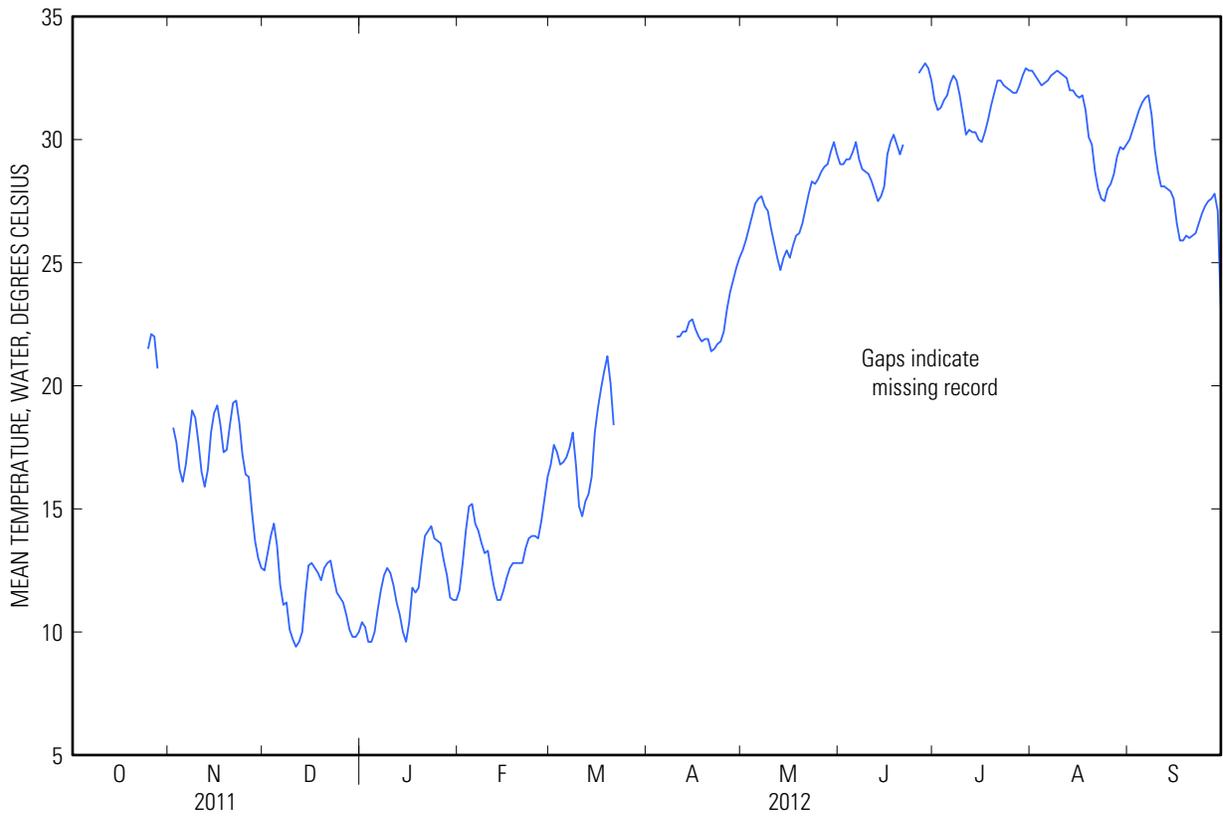
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
<b>1</b>	12.2	11.3	11.7	17.2	16.5	16.8	---	---	---	26.4	24.8	25.5
<b>2</b>	13.3	12.2	12.8	18.3	17.0	17.6	---	---	---	26.9	25.1	25.9
<b>3</b>	14.7	13.3	14.1	17.7	16.9	17.3	---	---	---	27.5	25.3	26.4
<b>4</b>	15.4	14.7	15.1	17.4	16.3	16.8	---	---	---	27.7	26.1	26.9
<b>5</b>	15.3	14.8	15.2	17.5	16.3	16.9	---	---	---	28.4	26.4	27.4
<b>6</b>	14.8	14.2	14.4	17.5	16.7	17.1	---	---	---	27.9	27.0	27.6
<b>7</b>	14.2	13.8	14.1	17.8	17.2	17.5	---	---	---	28.6	26.9	27.7
<b>8</b>	13.8	13.4	13.6	18.4	17.8	18.1	---	---	---	27.8	26.7	27.3
<b>9</b>	13.5	12.9	13.2	17.9	15.6	16.8	---	---	---	27.7	26.5	27.1
<b>10</b>	13.5	13.0	13.3	15.6	14.8	15.1	22.3	21.8	22.0	26.9	25.7	26.4
<b>11</b>	13.0	11.9	12.5	14.8	14.5	14.7	22.5	21.5	22.0	26.3	25.4	25.8
<b>12</b>	12.1	11.5	11.8	16.4	14.6	15.3	22.4	22.0	22.2	25.8	24.5	25.2
<b>13</b>	11.5	11.2	11.3	16.0	15.4	15.6	22.6	21.9	22.2	25.7	23.9	24.7
<b>14</b>	11.8	11.0	11.3	17.4	15.5	16.3	22.9	22.4	22.6	26.3	24.2	25.2
<b>15</b>	12.0	11.5	11.7	18.8	17.4	18.1	22.9	22.6	22.7	25.7	25.1	25.5
<b>16</b>	12.7	11.7	12.2	19.7	18.7	19.1	22.6	22.1	22.3	25.8	24.7	25.2
<b>17</b>	13.0	12.4	12.6	20.4	19.5	19.9	22.4	21.6	22.0	26.6	25.1	25.7
<b>18</b>	12.9	12.7	12.8	21.0	20.3	20.6	22.2	21.3	21.8	27.0	25.4	26.1
<b>19</b>	13.3	12.5	12.8	21.6	20.9	21.2	22.4	21.4	21.9	27.2	25.2	26.2
<b>20</b>	13.3	12.6	12.8	21.4	18.8	20.1	22.1	21.5	21.9	27.8	25.6	26.6
<b>21</b>	13.2	12.5	12.8	18.9	18.1	18.4	21.9	20.9	21.4	28.2	26.2	27.2
<b>22</b>	13.8	13.0	13.4	---	---	---	22.2	21.0	21.5	28.6	26.8	27.8
<b>23</b>	14.0	13.6	13.8	---	---	---	22.3	21.4	21.7	29.1	27.4	28.3
<b>24</b>	14.1	13.8	13.9	---	---	---	22.6	21.3	21.8	29.1	27.4	28.2
<b>25</b>	14.1	13.6	13.9	---	---	---	23.1	21.6	22.2	29.4	27.6	28.4
<b>26</b>	14.2	13.3	13.8	---	---	---	24.1	22.3	23.1	29.6	28.1	28.7
<b>27</b>	14.9	14.1	14.5	---	---	---	24.4	23.3	23.8	29.6	28.2	28.9
<b>28</b>	15.9	14.9	15.4	---	---	---	25.1	23.7	24.3	29.8	28.3	29.0
<b>29</b>	16.7	15.9	16.3	---	---	---	25.8	24.1	24.8	30.4	28.8	29.5
<b>30</b>	---	---	---	---	---	---	25.9	24.8	25.2	30.6	29.1	29.9
<b>31</b>	---	---	---	---	---	---	---	---	---	29.8	28.6	29.4
<b>Month</b>	16.7	11.0	13.3	---	---	---	---	---	---	30.6	23.9	27.1

## 08065350 Trinity River near Crockett, TX—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
<b>1</b>	29.9	28.3	29.0	31.9	31.1	31.6	34.2	31.9	32.8	30.9	29.4	30.0
<b>2</b>	30.1	27.9	29.0	32.0	30.8	31.2	33.8	31.8	32.6	31.3	29.7	30.4
<b>3</b>	29.9	28.6	29.2	32.2	30.7	31.3	33.6	31.5	32.4	31.7	30.0	30.8
<b>4</b>	29.7	28.8	29.2	32.6	30.8	31.6	33.4	31.3	32.2	32.1	30.6	31.2
<b>5</b>	30.2	28.9	29.5	32.7	31.2	31.8	33.7	31.4	32.3	32.3	30.9	31.5
<b>6</b>	30.8	29.2	29.9	33.4	31.5	32.3	33.6	31.4	32.4	32.6	31.1	31.7
<b>7</b>	29.7	28.7	29.2	33.8	32.1	32.6	34.1	31.6	32.6	32.6	31.3	31.8
<b>8</b>	29.5	28.2	28.8	33.1	32.1	32.4	34.1	31.7	32.7	31.6	29.6	31.0
<b>9</b>	29.5	27.9	28.7	32.5	31.1	31.8	34.0	31.8	32.8	30.6	28.8	29.6
<b>10</b>	28.8	28.3	28.6	31.4	30.2	31.0	33.8	31.9	32.7	29.7	27.9	28.7
<b>11</b>	28.7	28.0	28.3	31.0	29.9	30.2	33.8	31.7	32.6	29.2	27.3	28.1
<b>12</b>	28.5	27.6	27.9	30.8	29.9	30.4	33.6	31.8	32.5	29.4	27.3	28.1
<b>13</b>	27.9	26.8	27.5	30.9	29.7	30.3	32.8	31.5	32.0	28.8	27.5	28.0
<b>14</b>	28.5	27.2	27.7	30.9	29.6	30.3	33.1	31.2	32.0	28.9	27.3	27.9
<b>15</b>	29.2	27.1	28.1	30.3	29.5	30.0	32.8	31.3	31.8	28.3	27.2	27.6
<b>16</b>	30.4	28.6	29.4	30.6	29.2	29.9	32.7	31.0	31.7	27.3	26.0	26.6
<b>17</b>	30.8	29.2	29.9	31.5	29.5	30.3	33.0	31.0	31.8	26.4	25.7	25.9
<b>18</b>	31.0	29.6	30.2	31.8	30.0	30.8	31.5	30.5	31.2	26.8	25.3	25.9
<b>19</b>	30.2	29.3	29.8	32.2	30.8	31.4	30.5	29.8	30.1	27.0	25.3	26.1
<b>20</b>	30.1	29.0	29.4	32.9	31.0	31.9	30.3	29.2	29.8	26.9	25.4	26.0
<b>21</b>	31.1	28.8	29.8	33.3	31.6	32.4	29.2	28.0	28.7	26.8	25.5	26.1
<b>22</b>	---	---	---	33.2	31.8	32.4	28.4	27.6	28.0	27.0	25.5	26.2
<b>23</b>	---	---	---	32.9	31.8	32.2	28.3	27.1	27.6	27.5	26.0	26.6
<b>24</b>	---	---	---	33.1	31.6	32.1	28.2	27.0	27.5	28.0	26.5	27.0
<b>25</b>	---	---	---	32.8	31.6	32.0	28.7	27.5	28.0	28.3	26.8	27.3
<b>26</b>	33.7	31.8	32.7	32.6	31.3	31.9	29.0	27.6	28.2	28.5	26.8	27.5
<b>27</b>	33.8	32.0	32.9	32.9	31.3	31.9	29.5	27.9	28.6	28.6	27.0	27.6
<b>28</b>	33.8	32.5	33.1	33.4	31.4	32.2	30.3	28.4	29.3	29.0	26.9	27.8
<b>29</b>	33.5	32.4	32.9	34.0	31.6	32.6	30.6	28.9	29.7	27.7	25.5	27.1
<b>30</b>	33.0	31.8	32.4	34.2	32.0	32.9	30.2	28.9	29.6	26.0	22.5	23.1
<b>31</b>	---	---	---	34.2	31.9	32.8	30.6	29.0	29.8	---	---	---
<b>Month</b>	---	---	---	34.2	29.2	31.6	34.2	27.0	30.8	32.6	22.5	28.1

08065350 Trinity River near Crockett, TX—Continued



## 08065350 Trinity River near Crockett, TX—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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

## 08065350 Trinity River near Crockett, TX—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	7.8	7.6	7.7	8.7	8.4	8.5	---	---	---	9.9	7.9	8.8
2	7.7	7.2	7.4	8.6	8.4	8.5	---	---	---	10.4	8.0	9.1
3	7.2	6.6	7.0	8.6	8.3	8.5	---	---	---	---	---	---
4	6.7	6.4	6.5	8.8	8.5	8.6	---	---	---	12.2	8.8	10.4
5	7.1	6.4	6.7	8.9	8.6	8.7	---	---	---	13.6	9.5	11.5
6	7.8	7.1	7.5	9.0	8.6	8.8	---	---	---	12.2	9.8	11.0
7	8.4	7.8	8.1	9.0	8.6	8.8	---	---	---	12.4	8.5	10.3
8	8.7	8.3	8.6	8.7	8.4	8.6	---	---	---	12.5	8.9	10.7
9	9.0	8.7	8.8	8.7	8.3	8.5	---	---	---	12.5	8.7	10.5
10	9.2	8.9	9.0	8.8	8.4	8.6	6.8	6.7	6.8	11.2	8.6	10.1
11	9.6	9.1	9.4	9.1	8.5	8.9	7.0	6.6	6.8	11.0	8.4	9.7
12	9.8	9.6	9.7	8.6	7.5	8.1	7.0	6.5	6.8	9.1	7.2	8.3
13	9.9	9.7	9.8	8.0	7.5	7.8	6.5	5.9	6.3	8.3	6.9	7.5
14	9.9	9.9	9.9	7.9	7.1	7.5	6.3	6.2	6.3	8.2	6.6	7.3
15	10.0	9.9	9.9	7.2	6.3	6.8	6.7	6.3	6.5	7.6	6.5	7.0
16	9.9	9.6	9.8	---	---	---	7.3	6.7	7.1	6.5	6.3	6.3
17	10.1	9.7	9.8	---	---	---	7.5	7.3	7.4	6.5	5.9	6.3
18	10.1	9.4	9.7	---	---	---	7.7	7.5	7.6	6.6	6.3	6.5
19	9.4	8.8	9.1	---	---	---	7.7	7.6	7.7	6.8	6.4	6.6
20	9.1	8.8	9.0	---	---	---	7.7	7.7	7.7	7.0	6.2	6.6
21	8.8	8.3	8.6	---	---	---	7.9	7.7	7.8	7.2	6.2	6.6
22	8.5	7.9	8.2	---	---	---	7.9	7.7	7.8	7.2	5.7	6.6
23	8.3	8.0	8.2	---	---	---	8.0	7.7	7.8	7.6	5.6	6.5
24	8.3	7.9	8.1	---	---	---	8.3	7.9	8.1	8.0	4.7	6.5
25	8.6	8.0	8.3	---	---	---	8.5	7.9	8.2	7.2	3.9	5.3
26	9.0	8.5	8.8	---	---	---	8.7	8.0	8.3	8.4	4.8	6.5
27	9.1	8.9	9.0	---	---	---	8.7	7.9	8.3	10.3	4.7	7.0
28	9.1	8.8	8.9	---	---	---	9.2	7.9	8.5	11.8	4.6	7.9
29	8.9	8.6	8.7	---	---	---	10.0	8.0	8.9	12.7	7.8	10.2
30	---	---	---	---	---	---	9.5	8.0	8.7	13.4	10.0	11.7
31	---	---	---	---	---	---	---	---	---	12.0	9.5	10.8
Month	10.1	6.4	8.6	---	---	---	---	---	---	---	---	---

## 08065350 Trinity River near Crockett, TX—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	12.8	9.2	10.8	10.4	6.4	8.8	7.2	5.0	5.9	8.3	7.0	7.5
2	10.9	8.6	9.9	9.9	7.0	8.3	7.6	4.9	5.9	8.3	6.9	7.5
3	8.6	6.6	7.4	9.2	6.2	7.6	7.3	4.5	5.7	9.2	6.9	7.9
4	6.6	5.0	5.8	9.0	5.8	7.3	6.7	4.5	5.5	10.2	7.3	8.6
5	---	---	---	8.1	5.8	6.9	6.9	4.7	5.5	10.5	7.5	8.8
6	---	---	---	7.2	5.5	6.3	6.7	4.6	5.5	10.9	7.8	9.1
7	6.1	5.7	5.9	6.3	4.5	5.4	6.7	4.3	5.4	10.4	6.9	8.5
8	6.3	5.8	6.1	5.9	4.6	5.1	7.5	4.7	5.8	10.3	7.8	8.8
9	6.4	6.0	6.2	6.4	4.1	5.3	7.1	4.8	5.7	11.5	7.0	8.9
10	6.5	5.0	5.8	5.7	4.2	4.8	6.6	4.6	5.4	12.2	7.3	9.5
11	5.0	4.5	4.6	7.4	4.7	6.0	6.8	4.5	5.4	11.8	7.6	9.5
12	5.9	4.8	5.3	10.3	6.3	8.1	6.9	4.5	5.5	---	---	---
13	5.8	5.3	5.5	11.5	7.5	9.4	6.2	4.5	5.4	---	---	---
14	5.7	5.3	5.4	10.5	7.0	8.7	6.8	4.6	5.6	---	---	---
15	5.9	5.3	5.6	8.6	6.6	7.6	7.0	4.9	5.8	---	---	---
16	6.4	5.8	6.1	8.4	6.0	7.1	7.2	4.6	5.9	---	---	---
17	6.8	6.2	6.5	8.0	5.8	6.7	7.4	5.3	6.2	---	---	---
18	7.6	6.5	7.0	7.8	5.4	6.5	---	---	---	---	---	---
19	7.7	7.0	7.3	8.2	5.7	6.9	---	---	---	---	---	---
20	8.5	6.9	7.7	7.9	5.6	6.7	---	---	---	8.9	7.5	8.1
21	11.1	7.2	8.9	7.3	5.4	6.3	---	---	---	9.1	7.6	8.2
22	---	---	---	7.3	5.3	6.1	---	---	---	9.3	7.4	8.3
23	---	---	---	6.7	5.1	5.7	---	---	---	9.0	7.4	8.1
24	---	---	---	7.2	5.0	5.9	---	---	---	9.0	7.2	7.9
25	---	---	---	7.0	5.3	6.0	---	---	---	9.1	6.9	7.8
26	11.0	8.6	9.8	7.1	5.3	6.0	---	---	---	9.1	6.8	7.6
27	10.2	6.5	8.3	6.9	4.8	5.8	---	---	---	9.6	6.8	7.8
28	9.8	6.8	8.3	7.2	5.0	6.0	6.5	6.0	6.3	9.3	6.5	7.7
29	9.6	7.2	8.3	7.9	5.3	6.4	6.7	6.1	6.4	7.3	6.4	6.9
30	9.7	7.0	8.3	7.4	5.2	6.1	7.1	6.3	6.7	---	---	---
31	---	---	---	7.5	5.0	6.2	7.8	6.6	7.1	---	---	---
Month	---	---	---	11.5	4.1	6.6	---	---	---	---	---	---

08065350 Trinity River near Crockett, TX—Continued

