

MOBILE RIVER BASIN

02387000

CONASAUGA RIVER AT TILTON, GA.

Latitude: 34° 40' 00" Longitude: 84° 55' 42" Hydrologic Unit Code: 03150101

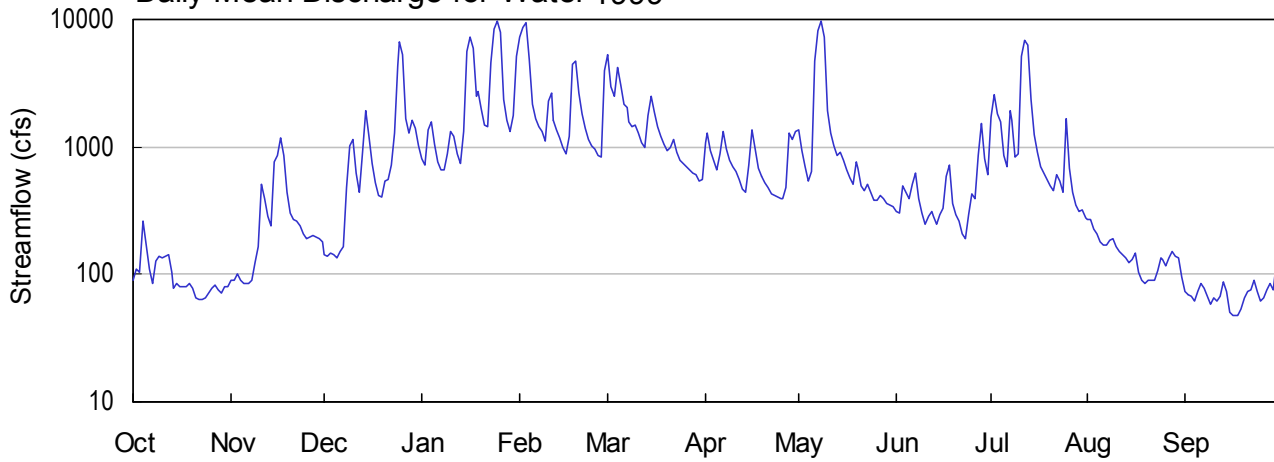
Whitfield County

Drainage Area: 687.00 mi<sup>2</sup>

Datum: 622.2 feet

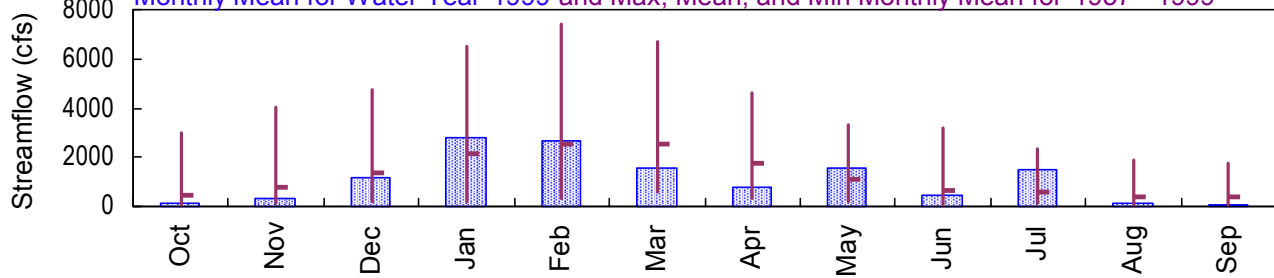
Period of Record: 1937 - 1999

Daily Mean Discharge for Water 1999

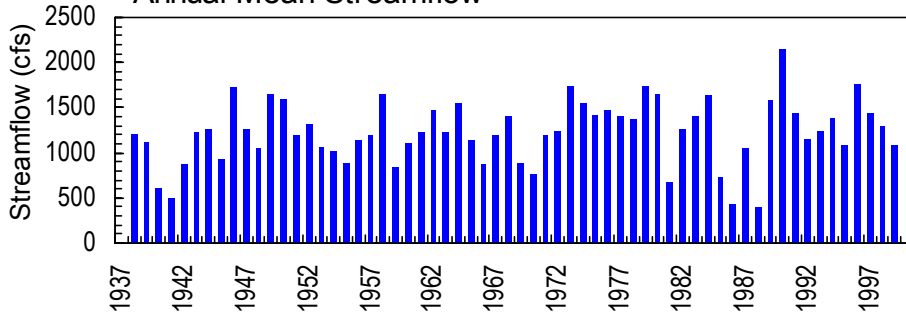


Monthly Statistics

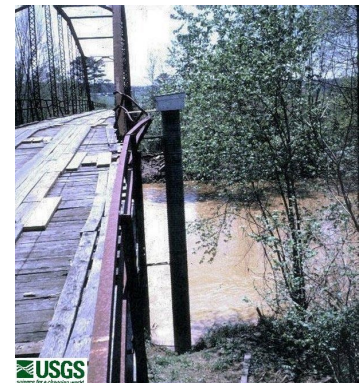
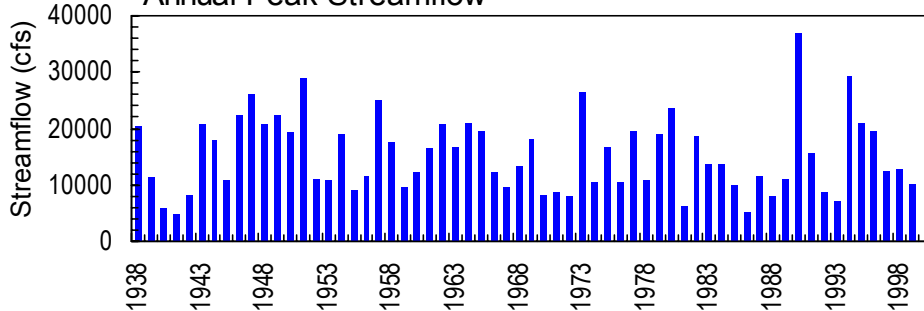
Monthly Mean for Water Year 1999 and Max, Mean, and Min Monthly Mean for 1937 - 1999



Annual Mean Streamflow



Annual Peak Streamflow



02387000 - Conasauga River at Tilton, GA - May, 1974

**MOBILE RIVER BASIN  
1999 Water Year**

**02387000 CONASAUGA RIVER AT TILTON, GA**

**LOCATION.**--Lat 34°40'00", long 84°55'42", Whitfield-Murray County line, Hydrologic Unit 03150101, on left bank 250 feet downstream from Tilton Road bridge, 0.2 miles downstream from Swamp Creek, 0.5 miles northeast of Tilton, and 12.0 miles upstream from confluence with Coosawattee River.

**DRAINAGE AREA.**--687 mi<sup>2</sup>.

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**--June 1937 to current year.

**REVISED RECORDS.**--WRD GA-80-1: Drainage area.

**GAGE.**--Water-stage recorder. Datum of gage is 622.28 feet above sea level (levels by Corps of Engineers). Prior to Aug. 24, 1940, non-recording gage was located at site 150 feet upstream at same datum. Since Oct. 1, 1979, auxiliary water-stage recorder at Sloan Road bridge, 3.2 miles downstream. Water-stage recorder on Oostanaula River at Resaca used as auxiliary gage during 1961-79 water years.

**REMARKS.**--Records good. Flow affected by withdrawals and return flow by the city of Dalton, Ga.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 5,000 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE HEIGHT (ft)
Dec. 26	0200	6,970	13.86
Jan. 17	0300	7,900	15.08
Jan. 25	2100	10,100	17.87
Feb. 3	1100	9,550	17.26
Feb. 19	0300	5,400	11.74
Mar. 1	1200	5,500	11.88
May 8	2200	10,200*	18.07*
Jul. 13	0100	6,980	14.10

**MOBILE RIVER BASIN  
1998 and 1999 Water Years**

**02387000 CONASAUGA RIVER AT TILTON, GA--continued**

**LOCATION.**--Lat 34°40'00", long 84°55'42", Whitfield-Murray County line, Hydrologic Unit 03150101, on left bank 250 feet downstream from Tilton Road bridge, 0.2 miles downstream from Swamp Creek, 0.5 miles northeast of Tilton, and 12.0 miles upstream from confluence with Coosawattee River.

**DRAINAGE AREA.**--687 mi<sup>2</sup>.

**WATER-QUALITY RECORDS**

**PERIOD OF RECORD.**—March 1968 to current year.

**PERIOD OF DAILY RECORD.**—

**DISSOLVED OXYGEN:** October 1975 to current year.

**pH:** October 1975 to current year.

**SPECIFIC CONDUCTANCE:** October 1975 to current year.

**WATER TEMPERATURE:** February 1975 to current year.

**INSTRUMENTATION.**—Water quality monitor.

**REMARKS.**—Laboratory chemical analyses with analyzing agency code 81341 are by the Laboratory Services Section, Environmental Protection Division, Georgia Department of Natural Resources. Field determinations of air temperature, dissolved oxygen, pH, specific conductance, and water temperature are by the USGS. For the 1999 water year, there was greater than twenty percent of the dissolved oxygen record missing.

**EXTREMES FOR PERIOD OF DAILY RECORD.**—

**DISSOLVED OXYGEN:** Maximum recorded, 15.7 mg/L, June 12, 1988; minimum recorded, 0.2 mg/L, May 13, 1987.

**pH:** Maximum recorded, 10.7 units, February 13, 1988; minimum recorded, 6.3 units, July 5, 6, 1976, January 8, 1992.

**SPECIFIC CONDUCTANCE:** Maximum recorded, 680 microsiemens, October 17, 1993; minimum recorded 34.0 microsiemens, March 23, 1980.

**WATER TEMPERATURE:** Maximum recorded, 33.0 °C July 21, 1986, July 29, 1993; minimum recorded, 0.0 °C, December 19, 20, 1981, December 23, 24, 1989, January 19, 20, 21, 1994, February 4, 1996.

**MOBILE RIVER BASIN  
1998 and 1999 Water Years**

**02387000 CONASAUGA RIVER AT TILTON, GA**

**WATER-QUALITY RECORDS--continued**

**EXTREMES FOR 1998 WATER YEAR.—**

**DISSOLVED OXYGEN:** Maximum, 13.0 mg/L, Dec. 20, 21; minimum, 5.1 mg/L, Sep. 30.

**pH:** Maximum, 8.4 units, Dec. 20, 21; minimum, 6.8 units, Apr. 1, 20, 21, 22.

**SPECIFIC CONDUCTANCE:** Maximum, 515 microsiemens, Sep. 18, 19; minimum, 54 microsiemens, Apr 21.

**WATER TEMPERATURE:** Maximum, 31.5 °C, Jul. 21; minimum, 3.0 °C, Jan. 2.

**EXTREMES FOR 1999 WATER YEAR.—**

**DISSOLVED OXYGEN:** Maximum, 13.3 mg/L, Jan. 7; minimum, 4.4 mg/L, Sep. 28, 29.

**pH:** Maximum, 9.0 units, Aug. 21; minimum, 7.0 units, Feb. 2, 3, 4.

**SPECIFIC CONDUCTANCE:** Maximum, 504 microsiemens, Oct. 25; minimum, 70 microsiemens, May 7, 8.

**WATER TEMPERATURE:** Maximum, 31.5 °C, Aug. 13, 14; minimum, 2.0 °C, Jan. 6, 7.

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999  
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	90	90	144	819	7370	5300	1070	1380	313	1710	269	73
2	110	91	140	726	8610	2960	1290	933	302	2540	266	70
3	104	101	145	1370	9330	2490	945	693	501	1820	226	67
4	264	90	143	1580	4910	4220	776	544	437	1570	206	62
5	171	85	135	1060	2140	3070	669	635	390	854	182	74
6	109	85	151	774	1650	2140	884	4710	516	708	171	85
7	85	84	166	658	1430	2060	1310	8200	630	1950	168	78
8	127	90	480	658	1320	1590	953	9800	398	1620	186	67
9	139	125	1020	888	1120	1450	783	7180	304	842	190	58
10	133	164	1150	1320	2300	1490	695	1920	248	877	165	65
11	140	507	624	1210	2670	1290	637	1300	283	5210	153	62
12	141	393	435	882	1600	1090	553	1010	312	6920	143	68
13	103	288	899	741	1370	1000	467	858	283	6340	136	87
14	77	241	1950	1310	1180	1750	440	897	246	2370	124	74
15	84	765	1230	5560	998	2520	721	775	293	1260	130	51
16	81	855	736	7320	883	1880	1360	661	328	902	145	48
17	81	1170	531	5910	1230	1460	962	566	590	710	105	47
18	81	845	421	2510	4440	1230	686	511	717	625	90	48
19	84	447	404	2710	4720	1060	581	769	365	557	86	53
20	77	304	544	1980	2620	945	529	681	294	496	90	65
21	66	273	551	1480	1810	990	485	499	264	454	90	73
22	63	263	713	1430	1400	1140	431	450	210	602	90	76
23	63	243	1290	4530	1150	917	417	506	193	538	106	89
24	66	210	4330	8340	1030	778	401	441	295	444	133	74
25	72	192	6580	9760	955	747	396	383	433	1670	132	62
26	78	198	5300	7990	865	707	398	377	389	690	117	66
27	83	204	1690	2330	838	652	477	413	866	445	136	76
28	76	194	1290	1610	3940	622	1290	394	1540	349	152	86
29	71	190	1630	1340	---	599	1130	357	820	312	137	76
30	79	181	1390	1760	---	545	1340	345	598	317	133	127
31	81	---	1020	5180	---	560	---	340	---	280	94	---



STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.3	7.0	9.1	8.8	10.7	9.5	12.3	11.7	11.1	10.9	9.3	9.1
2	7.5	7.1	8.8	8.6	11.6	9.8	12.5	12.0	11.1	10.9	9.8	9.2
3	8.1	7.3	9.2	8.6	11.6	9.9	12.3	11.9	10.9	10.5	10.4	9.8
4	8.5	7.4	9.7	9.2	10.2	9.5	12.0	11.5	10.7	10.4	10.8	10.4
5	8.8	7.5	10.0	9.7	10.1	9.3	11.7	10.9	11.1	10.7	10.6	10.3
6	9.2	7.7	10.0	9.7	11.1	10.0	10.9	10.0	11.3	11.0	10.4	10.0
7	9.8	7.6	9.8	9.5	11.7	10.8	10.0	8.8	11.0	10.7	10.3	9.8
8	10.1	7.6	9.7	9.4	11.7	11.2	8.8	8.4	11.0	11.0	9.8	9.4
9	9.6	7.4	10.1	9.6	11.6	11.1	8.6	8.5	11.0	10.9	9.4	8.7
10	9.1	7.2	10.1	9.8	11.5	10.4	10.1	8.5	11.0	10.9	9.3	8.7
11	8.6	6.8	10.5	9.8	10.5	10.0	10.6	10.1	10.9	10.7	10.5	9.3
12	7.7	6.6	10.5	10.0	10.8	10.3	10.9	10.6	10.7	10.6	11.3	10.5
13	7.6	6.6	10.3	9.9	11.1	10.6	10.9	10.6	10.8	10.6	11.8	11.3
14	7.3	6.6	10.2	9.7	11.8	10.9	10.6	10.2	11.1	10.8	11.6	11.0
15	7.7	6.7	10.5	9.9	12.3	11.4	10.2	10.0	11.2	11.0	11.0	10.5
16	8.2	7.2	11.8	10.4	12.7	11.6	10.0	9.8	11.1	10.8	10.5	9.8
17	8.5	7.4	12.1	11.3	12.7	11.8	10.1	9.8	10.8	10.0	9.8	9.5
18	8.8	7.6	12.5	11.6	12.7	11.4	10.3	10.1	10.0	9.8	9.6	9.6
19	9.1	8.0	12.6	11.6	12.8	11.5	10.4	10.2	10.3	10.0	9.6	9.4
20	9.3	8.1	12.7	11.5	13.0	11.4	10.5	10.2	10.6	10.3	9.4	8.6
21	9.5	8.3	12.7	10.9	13.0	11.3	10.7	10.4	10.6	10.5	8.8	8.6
22	9.8	8.3	11.2	10.1	12.3	10.5	10.6	10.1	10.6	10.5	10.2	8.8
23	10.5	8.4	10.5	9.5	11.4	10.2	10.1	9.8	10.6	10.4	10.2	9.4
24	9.5	8.1	11.1	10.0	11.3	9.6	10.1	9.8	10.6	10.4	10.4	9.9
25	8.3	7.8	11.8	10.5	9.7	9.5	10.5	10.1	10.5	10.4	10.0	9.6
26	7.9	7.1	11.8	10.9	9.9	9.7	10.8	10.5	10.4	10.1	9.6	9.2
27	7.3	7.0	12.4	10.8	10.2	9.9	10.8	10.6	10.1	9.3	9.2	8.7
28	8.4	7.2	12.5	11.0	10.8	10.2	10.7	10.4	9.3	9.1	8.7	8.1
29	9.0	8.4	12.4	10.6	11.1	10.8	10.8	10.5	---	---	8.2	7.8
30	9.3	9.0	10.8	9.8	11.3	10.9	10.8	10.6	---	---	8.3	7.8
31	9.3	9.1	---	---	11.7	11.2	10.9	10.6	---	---	8.1	7.8
MONTH	10.5	6.6	12.7	8.6	13.0	9.3	12.5	8.4	11.3	9.1	11.8	7.8

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313  
 PROVISIONAL DATA SUBJECT TO REVISION

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	8.0	7.2	8.8	8.7	7.1	6.2	6.6	5.9	6.4	6.0	7.5	6.2
2	7.6	7.3	8.9	8.7	7.0	6.2	6.9	6.0	6.7	5.8	8.6	6.2
3	8.1	7.6	8.8	8.5	7.2	6.2	7.0	6.3	6.7	6.1	8.0	6.4
4	8.3	8.0	8.7	8.5	6.7	5.9	7.0	6.3	6.8	6.2	8.0	6.0
5	8.9	8.3	9.0	8.7	6.5	5.8	7.1	6.2	6.8	6.2	8.2	6.0
6	9.5	8.9	8.9	8.6	6.3	5.9	7.2	6.3	7.4	6.2	7.7	5.9
7	9.5	9.3	8.6	7.6	7.1	6.2	7.3	6.4	8.0	6.6	7.7	6.0
8	9.3	9.1	7.8	7.4	7.5	7.1	6.9	6.4	7.6	6.3	7.9	6.1
9	9.2	9.0	7.6	7.5	7.4	6.9	7.2	6.3	6.9	6.0	---	---
10	9.5	8.9	7.8	7.5	8.8	7.2	7.3	6.2	6.1	5.6	---	---
11	10.1	9.5	8.0	7.7	7.2	6.7	7.1	6.1	6.1	5.6	---	---
12	10.0	9.6	8.3	7.9	7.1	7.0	7.0	6.2	6.4	5.9	---	---
13	9.6	9.4	8.3	7.8	7.0	6.7	7.1	6.4	6.6	6.1	---	---
14	9.4	9.0	8.2	7.7	6.7	6.6	8.0	6.5	6.6	5.6	---	---
15	9.0	8.8	8.1	7.6	6.7	6.5	8.3	6.6	6.5	5.7	---	---
16	8.8	8.5	8.0	7.3	6.8	6.4	8.1	6.4	6.2	5.7	---	---
17	8.5	7.9	8.2	7.2	7.1	6.6	8.7	6.4	6.5	6.0	---	---
18	8.2	7.7	8.4	7.2	7.1	6.7	9.2	6.4	6.2	5.9	---	---
19	8.6	8.1	8.6	7.2	6.8	6.4	9.0	6.7	6.3	6.0	8.9	5.9
20	8.1	7.3	8.8	7.2	6.8	6.2	8.3	6.5	6.6	6.1	8.8	6.3
21	7.5	7.3	8.6	7.0	6.9	6.4	9.1	6.3	7.0	6.2	7.4	6.2
22	7.8	7.5	8.5	6.8	7.0	6.5	7.9	6.0	7.0	6.2	8.0	5.8
23	8.8	7.8	8.3	6.5	7.2	6.3	7.3	5.7	7.4	6.1	7.0	5.4
24	9.2	8.8	7.8	6.4	7.3	6.3	6.8	5.7	7.8	6.6	6.9	5.8
25	9.4	9.2	7.8	6.5	7.5	6.2	6.1	5.4	8.3	6.8	7.8	5.9
26	9.2	9.0	7.8	6.5	7.7	6.2	6.6	5.6	8.8	7.1	7.9	5.7
27	9.0	8.9	7.5	6.3	7.8	6.2	6.6	5.9	8.8	7.1	7.7	5.5
28	9.1	8.9	7.5	6.2	7.5	6.0	6.8	6.3	8.4	6.8	6.5	5.2
29	9.3	9.1	7.2	6.1	6.9	6.0	6.8	6.4	8.1	6.4	6.4	5.2
30	9.2	8.8	6.9	6.2	6.8	6.0	6.4	6.1	7.0	6.5	6.8	5.1
31	---	---	7.0	6.2	---	---	6.4	5.8	7.0	6.2	---	---
MONTH	10.1	7.2	9.0	6.1	8.8	5.8	9.2	5.4	8.8	5.6	---	---



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OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.7	5.5	10.6	8.2	11.7	9.7	11.3	10.9	10.5	10.0	9.6	9.3
2	7.4	5.6	8.7	7.8	12.4	9.9	11.3	11.1	10.5	9.8	9.9	9.4
3	6.9	5.8	8.5	7.0	12.2	10.0	11.4	11.0	9.8	9.4	9.7	9.5
4	7.1	6.0	8.1	6.9	12.5	10.1	12.2	11.4	10.0	9.0	10.0	9.5
5	6.9	5.9	8.3	7.4	12.1	9.6	13.0	12.2	10.2	9.8	10.3	10.0
6	6.9	5.8	9.4	7.8	11.1	9.4	13.2	13.0	10.0	9.8	10.2	10.0
7	6.7	5.7	10.5	8.5	9.9	8.9	13.3	13.0	9.9	9.6	10.2	10.0
8	7.3	5.8	9.7	9.2	9.0	7.3	13.0	12.1	9.7	9.5	10.6	10.2
9	7.7	6.2	9.2	8.2	8.0	7.1	12.1	11.4	9.7	9.5	10.8	10.5
10	7.9	6.7	8.6	7.9	9.1	8.0	11.8	11.4	9.5	8.8	11.0	10.8
11	8.1	6.9	7.9	7.0	9.5	9.1	---	---	9.2	8.9	11.0	10.8
12	8.3	7.1	8.0	7.0	9.7	9.4	---	---	9.4	9.0	11.1	10.8
13	8.7	7.2	8.4	7.9	9.8	9.6	---	---	10.4	9.4	10.9	10.7
14	8.9	7.1	8.4	8.1	9.8	9.6	---	---	11.4	10.4	10.8	10.5
15	9.1	7.2	8.4	7.8	10.3	9.8	---	---	11.6	11.4	10.7	10.6
16	9.6	7.2	8.3	7.8	10.7	10.3	---	---	11.6	11.3	11.0	10.7
17	9.8	7.7	8.3	8.1	10.9	10.6	---	---	11.3	10.4	11.3	10.8
18	9.6	7.7	8.5	8.2	11.4	10.8	---	---	10.4	10.0	11.0	10.7
19	8.5	7.5	8.6	8.4	11.2	10.8	---	---	10.4	10.1	10.8	10.5
20	8.7	7.1	8.4	8.2	---	---	---	---	10.9	10.4	10.8	10.3
21	8.7	7.1	8.8	8.3	---	---	---	---	11.4	10.9	10.3	9.8
22	9.4	7.4	9.4	8.8	---	---	---	---	12.3	11.4	10.5	9.9
23	10.1	7.9	9.4	9.0	---	---	---	---	12.4	12.3	10.9	10.3
24	10.6	8.5	9.3	9.0	---	---	---	---	12.5	12.4	10.4	9.9
25	10.8	8.8	9.1	8.6	---	---	---	---	12.7	12.1	10.5	9.8
26	11.4	9.2	9.0	8.6	11.2	10.6	---	---	12.1	11.7	11.5	9.8
27	12.2	9.4	9.3	9.0	11.3	10.8	---	---	11.7	10.6	12.3	10.2
28	11.8	9.3	9.8	9.2	11.1	10.8	---	---	10.6	9.4	12.7	10.3
29	11.7	9.4	10.4	9.7	10.8	10.5	---	---	---	---	11.4	10.0
30	11.5	9.2	11.0	10.0	10.9	10.5	9.9	9.4	---	---	12.3	9.6
31	11.0	8.6	---	---	11.2	10.9	10.0	9.7	---	---	11.1	9.4
MONTH	12.2	5.5	11.0	6.9	---	---	---	---	12.7	8.8	12.7	9.3

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313  
 PROVISIONAL DATA SUBJECT TO REVISION

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	9.9	9.0	8.9	8.5	8.1	6.9	6.3	5.9	7.2	4.9	9.3	5.8
2	9.3	8.8	9.0	8.8	7.8	6.8	6.0	5.7	7.5	4.7	9.6	5.8
3	9.1	8.4	8.9	8.6	7.3	6.4	6.6	6.0	7.6	5.5	9.5	6.3
4	9.5	8.3	8.8	8.4	6.9	6.3	6.7	6.2	8.6	5.0	11.3	6.4
5	9.2	8.2	8.5	7.8	7.4	6.5	6.7	6.4	9.0	6.7	11.6	6.7
6	8.5	7.6	8.2	7.4	7.5	6.3	6.6	6.4	9.4	7.0	9.5	6.1
7	8.0	7.4	7.4	6.5	7.0	6.2	6.4	5.5	9.6	7.1	10.4	5.9
8	8.1	7.7	6.6	6.1	6.7	6.4	6.5	5.6	8.8	7.2	10.9	6.1
9	8.1	7.6	7.2	5.9	7.3	6.3	6.6	5.9	8.6	6.7	8.5	6.2
10	8.2	7.6	7.9	7.2	7.6	6.4	7.0	6.2	9.2	6.9	9.8	5.8
11	8.3	7.8	7.9	7.6	7.3	6.6	6.4	5.7	9.0	6.9	10.4	5.0
12	8.7	7.8	7.7	7.5	7.6	6.6	5.8	5.4	9.5	5.5	10.4	6.1
13	9.3	8.0	7.5	7.4	7.9	6.6	6.0	5.5	9.6	6.4	9.9	6.2
14	9.3	8.2	7.4	7.3	7.4	6.7	7.1	5.9	9.9	6.1	9.3	5.7
15	8.9	8.0	7.7	7.2	7.5	6.5	7.2	7.0	10.0	6.2	10.1	6.0
16	8.4	7.9	7.8	7.4	7.1	6.6	7.3	6.8	9.9	6.3	10.5	6.0
17	9.3	8.4	7.8	7.4	7.1	6.7	6.9	6.6	10.9	6.2	11.1	6.2
18	9.5	9.1	7.7	7.2	7.5	6.8	7.1	6.6	12.0	6.2	10.9	6.4
19	10.2	9.3	7.4	6.4	7.4	7.0	7.0	6.5	11.2	6.2	10.6	6.6
20	9.9	9.2	7.6	6.7	7.3	6.8	7.1	6.3	10.9	6.5	9.5	5.9
21	9.2	8.8	7.9	7.3	7.3	6.3	7.3	6.3	13.0	7.4	8.3	6.4
22	9.2	8.3	7.8	7.3	7.2	6.3	7.1	6.1	13.1	7.4	9.0	5.7
23	8.7	7.8	7.8	7.0	7.2	6.7	7.0	5.9	10.4	7.2	7.4	5.5
24	8.7	7.5	7.8	6.9	6.9	6.4	6.7	5.7	7.9	5.7	7.3	5.5
25	8.4	7.2	8.0	7.0	6.8	5.7	5.9	4.6	8.5	5.4	7.4	5.3
26	8.0	7.3	7.7	6.9	6.8	5.9	6.0	5.2	8.5	6.0	7.6	5.3
27	7.7	7.3	8.2	7.1	6.5	6.0	6.7	5.7	7.7	6.0	5.8	5.0
28	7.4	6.7	8.5	7.3	6.1	5.7	6.9	5.7	8.2	5.3	5.9	4.4
29	7.6	7.3	8.8	7.5	6.3	5.8	6.9	5.6	8.8	5.9	6.5	4.4
30	8.5	7.6	8.9	7.3	6.5	5.9	7.2	5.6	8.5	5.9	6.8	5.5
31	---	---	8.3	7.1	---	---	7.1	5.3	9.1	5.9	---	---
MONTH	10.2	6.7	9.0	5.9	8.1	5.7	7.3	4.6	13.1	4.7	11.6	4.4

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.6	7.6	7.5	7.5	7.8	7.7	7.9	7.9	7.8	7.8	7.7	7.6
2	7.6	7.6	7.6	7.5	8.1	7.7	8.0	7.9	7.8	7.8	7.7	7.7
3	7.7	7.6	7.6	7.6	8.1	7.7	8.0	7.9	7.8	7.6	7.8	7.7
4	7.7	7.6	7.7	7.6	7.8	7.6	8.0	7.9	7.6	7.3	7.8	7.7
5	7.8	7.6	7.7	7.7	7.8	7.7	8.0	7.9	7.3	7.2	7.8	7.7
6	7.9	7.7	7.7	7.6	7.9	7.8	7.9	7.8	7.3	7.2	7.7	7.7
7	8.1	7.7	7.6	7.6	8.0	7.8	7.8	7.4	7.4	7.3	7.7	7.5
8	8.2	7.7	7.7	7.6	8.0	7.8	7.5	7.3	7.6	7.4	7.5	7.3
9	8.1	7.8	7.8	7.7	7.9	7.8	7.3	7.1	7.6	7.6	7.3	7.0
10	8.1	7.8	7.8	7.7	7.9	7.8	7.3	7.1	7.7	7.6	7.0	6.9
11	8.0	7.8	7.8	7.7	7.8	7.8	7.5	7.3	7.8	7.7	7.1	7.0
12	7.9	7.8	7.8	7.7	7.8	7.8	7.5	7.5	7.8	7.8	7.3	7.1
13	8.0	7.8	7.7	7.7	7.8	7.8	7.6	7.5	7.8	7.8	7.4	7.3
14	7.9	7.9	7.7	7.6	7.9	7.8	7.7	7.6	7.9	7.8	7.4	7.4
15	7.9	7.8	7.8	7.7	8.1	7.8	7.7	7.7	7.9	7.9	7.5	7.4
16	7.9	7.8	7.9	7.7	8.1	7.8	7.7	7.5	7.9	7.8	7.5	7.5
17	7.9	7.7	7.9	7.8	8.2	7.8	7.6	7.5	7.8	7.6	7.6	7.5
18	7.8	7.7	8.0	7.8	8.2	7.9	7.7	7.6	7.7	7.4	7.6	7.6
19	7.9	7.7	7.9	7.8	8.3	7.9	---	---	7.4	7.3	7.7	7.6
20	7.9	7.7	8.0	7.8	8.4	7.9	---	---	8.1	7.4	7.7	7.6
21	7.9	7.7	8.0	7.7	8.4	7.9	7.8	7.8	7.7	7.5	7.6	7.5
22	7.9	7.7	7.7	7.6	8.2	7.8	7.8	7.7	7.6	7.5	7.5	7.5
23	8.0	7.7	7.7	7.6	8.0	7.7	7.7	7.6	7.6	7.5	7.5	7.5
24	7.8	7.6	7.8	7.7	8.0	7.6	7.7	7.6	7.6	7.5	7.6	7.5
25	7.6	7.4	7.9	7.7	7.7	7.6	7.7	7.6	7.6	7.5	7.6	7.6
26	7.5	7.2	7.9	7.7	7.6	7.6	7.7	7.7	7.6	7.5	7.6	7.6
27	7.2	7.0	8.0	7.7	7.7	7.6	7.7	7.6	7.6	7.6	7.6	7.5
28	7.3	7.0	8.1	7.7	7.7	7.7	7.6	7.6	7.6	7.6	7.7	7.6
29	7.4	7.3	8.1	7.7	7.8	7.7	7.6	7.6	---	---	7.7	7.6
30	7.5	7.4	7.8	7.7	7.8	7.8	7.7	7.6	---	---	7.7	7.6
31	7.5	7.5	---	---	7.9	7.8	7.8	7.7	---	---	7.7	7.6
MONTH	8.2	7.0	8.1	7.5	8.4	7.6	---	---	8.1	7.2	7.8	6.9

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.6	7.4	7.5	7.4	7.7	7.5	7.6	7.5	7.4	7.3	7.7	7.5
2	7.5	7.3	7.5	7.5	7.7	7.5	7.6	7.5	7.4	7.3	7.9	7.5
3	7.5	7.3	7.5	7.4	7.7	7.5	7.6	7.5	7.5	7.3	7.8	7.6
4	7.4	7.2	7.5	7.4	7.6	7.5	7.7	7.6	7.5	7.4	7.8	7.5
5	7.2	7.2	7.5	7.4	7.6	7.3	7.7	7.6	7.5	7.4	7.8	7.5
6	7.3	7.2	7.6	7.5	7.3	7.2	7.7	7.6	7.7	7.4	7.7	7.5
7	7.4	7.3	7.6	7.4	7.4	7.2	7.8	7.6	7.9	7.5	7.8	7.5
8	7.6	7.4	7.5	7.4	7.5	7.4	7.8	7.6	7.8	7.5	7.8	7.5
9	7.5	7.2	7.5	7.4	7.6	7.5	7.8	7.6	7.6	7.4	---	---
10	7.3	7.2	7.5	7.4	7.6	7.6	7.8	7.6	7.5	7.4	---	---
11	7.5	7.3	7.6	7.4	7.7	7.4	7.8	7.5	7.5	7.4	---	---
12	7.6	7.5	7.6	7.5	7.5	7.3	7.7	7.6	7.6	7.5	---	---
13	7.6	7.5	7.6	7.5	7.4	7.4	7.8	7.6	7.6	7.6	---	---
14	7.6	7.6	7.6	7.5	7.5	7.4	8.0	7.7	7.7	7.5	---	---
15	7.6	7.5	7.7	7.5	7.5	7.4	8.1	7.7	7.7	7.3	---	---
16	7.6	7.5	7.7	7.5	7.5	7.4	8.0	7.7	7.4	7.3	---	---
17	7.6	7.4	7.7	7.5	7.6	7.4	8.2	7.8	7.6	7.3	---	---
18	7.4	7.2	7.8	7.5	7.6	7.4	8.4	7.8	7.3	7.2	---	---
19	7.2	7.0	7.8	7.5	7.5	7.4	8.2	7.8	7.5	7.3	8.1	7.5
20	7.0	6.8	7.9	7.5	7.5	7.4	8.0	7.8	7.7	7.5	8.1	7.6
21	6.8	6.8	7.9	7.5	7.5	7.3	8.1	7.7	7.7	7.6	7.7	7.6
22	7.1	6.8	7.9	7.5	7.5	7.3	7.8	7.6	7.8	7.6	7.8	7.5
23	7.2	7.1	7.9	7.5	7.5	7.4	7.7	7.5	7.8	7.7	7.7	7.5
24	7.3	7.2	7.8	7.5	7.5	7.4	7.5	7.4	7.8	7.7	7.8	7.6
25	7.4	7.3	7.8	7.6	7.6	7.4	7.4	7.3	7.9	7.7	7.9	7.6
26	7.4	7.4	7.9	7.6	7.7	7.4	7.4	7.3	8.0	7.7	7.9	7.6
27	7.4	7.4	7.8	7.6	7.7	7.4	7.3	7.2	8.0	7.6	7.9	7.7
28	7.4	7.4	7.8	7.6	7.6	7.4	7.4	7.3	7.8	7.6	7.8	7.7
29	7.4	7.4	7.7	7.6	7.5	7.4	7.4	7.3	7.8	7.6	7.8	7.7
30	7.5	7.4	7.7	7.5	7.6	7.4	7.3	7.2	7.7	7.6	7.9	7.7
31	---	---	7.7	7.5	---	---	7.3	7.3	7.7	7.6	---	---
MONTH	7.6	6.8	7.9	7.4	7.7	7.2	8.4	7.2	8.0	7.2	---	---

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	8.0	7.8	8.1	7.7	8.3	7.7	7.7	7.7	7.3	7.2	7.5	7.3
2	7.8	7.7	7.8	7.7	8.4	7.7	7.8	7.7	7.2	7.0	7.4	7.3
3	7.8	7.7	7.7	7.6	8.4	7.8	7.7	7.6	7.1	7.0	7.6	7.4
4	7.8	7.7	7.7	7.5	8.5	7.8	7.7	7.6	7.3	7.0	7.6	7.5
5	7.8	7.7	7.7	7.6	8.4	7.8	7.7	7.6	7.5	7.3	7.5	7.4
6	7.7	7.6	7.8	7.6	8.1	7.7	7.7	7.6	7.5	7.4	7.6	7.5
7	7.6	7.5	7.9	7.6	7.9	7.7	7.6	7.6	7.5	7.5	7.7	7.6
8	7.6	7.5	7.8	7.7	7.7	7.4	7.6	7.6	7.6	7.5	7.6	7.6
9	7.7	7.5	7.7	7.6	7.4	7.3	7.6	7.5	7.5	7.5	7.6	7.6
10	7.8	7.6	7.7	7.5	7.5	7.4	7.6	7.6	7.6	7.3	7.7	7.6
11	7.8	7.7	7.6	7.4	7.5	7.4	---	---	7.3	7.2	7.8	7.7
12	7.7	7.6	7.6	7.5	7.4	7.4	---	---	7.4	7.3	7.8	7.7
13	7.8	7.6	7.7	7.5	7.4	7.3	---	---	7.5	7.4	7.8	7.7
14	7.9	7.6	7.6	7.6	7.4	7.3	---	---	7.5	7.4	7.7	7.7
15	7.8	7.6	7.7	7.5	7.3	7.3	---	---	7.5	7.5	7.7	7.6
16	7.8	7.6	7.6	7.4	7.4	7.3	---	---	7.5	7.5	7.6	7.6
17	7.9	7.7	7.6	7.5	7.5	7.4	---	---	7.5	7.3	7.7	7.6
18	7.9	7.6	7.5	7.5	7.6	7.5	---	---	7.5	7.2	7.7	7.6
19	7.7	7.6	7.5	7.4	7.6	7.5	---	---	7.2	7.2	7.8	7.7
20	7.7	7.6	7.5	7.4	---	---	---	---	7.3	7.2	7.8	7.7
21	7.6	7.6	7.5	7.4	---	---	---	---	7.6	7.3	7.9	7.7
22	7.8	7.6	7.6	7.5	---	---	---	---	7.6	7.6	8.0	7.8
23	---	---	7.7	7.6	---	---	---	---	7.7	7.6	8.1	7.9
24	---	---	7.6	7.6	---	---	---	---	7.8	7.7	8.0	7.9
25	---	---	7.6	7.4	---	---	---	---	7.8	7.8	8.0	7.8
26	---	---	7.5	7.5	7.1	7.1	---	---	7.9	7.8	8.5	7.8
27	---	---	7.6	7.5	7.4	7.1	---	---	7.9	7.8	8.7	7.9
28	8.3	7.8	7.7	7.5	7.5	7.4	---	---	7.8	7.5	8.9	8.0
29	8.3	7.9	7.8	7.6	7.6	7.5	---	---	---	---	8.6	8.0
30	8.3	7.9	7.9	7.7	7.7	7.6	7.5	7.5	---	---	8.8	7.8
31	8.2	7.8	---	---	7.7	7.7	7.5	7.3	---	---	8.6	7.8
MONTH	---	---	8.1	7.4	---	---	---	---	7.9	7.0	8.9	7.3

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.8	7.5	7.5	7.4	7.8	7.5	7.5	7.2	7.8	7.5	8.2	7.7
2	7.6	7.5	7.5	7.5	7.7	7.5	7.2	7.0	8.0	7.6	8.4	7.8
3	7.6	7.5	7.5	7.5	7.6	7.2	7.2	7.1	8.0	7.7	8.4	7.9
4	7.7	7.5	7.5	7.5	7.4	7.2	7.3	7.2	8.2	7.8	8.7	7.9
5	7.7	7.5	7.5	7.5	7.6	7.4	7.3	7.2	8.2	8.0	8.8	8.0
6	7.5	7.3	7.6	7.0	7.7	7.5	7.5	7.3	8.4	8.0	8.4	8.0
7	7.3	7.2	7.0	6.7	7.6	7.5	7.3	7.1	8.4	8.0	8.5	7.9
8	7.4	7.3	6.9	6.7	7.5	7.4	7.4	7.1	8.2	8.0	8.6	7.9
9	7.4	7.3	7.0	6.9	7.6	7.4	7.3	7.2	8.1	7.8	8.3	8.0
10	7.4	7.4	7.3	7.0	7.7	7.5	7.5	7.1	8.2	7.8	8.2	7.8
11	7.6	7.3	7.4	7.3	7.6	7.5	7.2	7.0	8.2	7.8	8.4	7.7
12	7.8	7.5	7.5	7.4	7.6	7.5	7.0	6.8	8.3	7.7	8.3	7.7
13	7.7	7.5	7.6	7.5	7.8	7.5	6.9	6.8	8.3	7.6	8.2	7.6
14	7.7	7.5	7.6	7.5	7.8	7.7	7.2	6.9	8.3	7.6	8.1	7.6
15	7.7	7.4	7.6	7.5	7.8	7.7	7.3	7.2	8.3	7.6	8.2	7.6
16	7.5	7.3	7.7	7.6	7.8	7.6	7.4	7.3	8.3	7.7	8.3	7.6
17	7.7	7.4	7.7	7.6	7.6	7.5	7.5	7.4	8.5	7.6	8.3	7.5
18	7.7	7.6	7.6	7.5	7.8	7.5	7.5	7.5	8.6	7.6	8.3	7.6
19	7.8	7.6	7.6	7.4	7.7	7.6	7.6	7.5	8.4	7.7	8.3	7.6
20	7.7	7.6	7.6	7.4	7.7	7.6	7.6	7.5	8.3	7.4	8.0	7.6
21	7.7	7.6	7.7	7.5	7.8	7.6	7.6	7.5	9.0	8.1	7.7	7.4
22	7.8	7.6	7.7	7.5	7.8	7.6	7.6	7.4	8.8	8.0	7.8	7.4
23	7.7	7.6	7.7	7.5	7.8	7.7	7.7	7.4	8.5	7.9	7.8	7.5
24	7.7	7.6	7.7	7.5	7.8	7.6	7.7	7.5	8.0	7.5	7.8	7.6
25	7.8	7.6	7.8	7.5	7.7	7.6	7.5	7.0	7.9	7.4	7.9	7.6
26	7.7	7.6	7.8	7.4	7.7	7.5	7.3	7.1	7.8	7.6	8.0	7.6
27	7.6	7.6	7.7	7.4	7.7	7.6	7.5	7.3	7.9	7.6	7.7	7.5
28	7.6	7.4	7.7	7.5	7.6	7.3	7.6	7.4	8.0	7.6	7.7	7.5
29	7.5	7.4	7.8	7.5	7.5	7.4	7.6	7.5	8.1	7.6	7.7	7.5
30	7.5	7.4	7.9	7.5	7.5	7.4	7.7	7.5	8.1	7.7	7.6	7.5
31	---	---	7.8	7.5	---	---	7.7	7.5	8.2	7.7	---	---
MONTH	7.8	7.2	7.9	6.7	7.8	7.2	7.7	6.8	9.0	7.4	8.8	7.4

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	287	271	232	199	273	267	209	195	159	149	150	146
2	299	282	241	228	269	259	212	203	167	156	150	146
3	327	297	244	221	263	247	218	212	174	117	154	149
4	349	327	227	217	291	255	228	217	117	82	159	153
5	353	338	239	227	279	225	228	218	82	71	174	159
6	351	338	251	233	244	228	226	214	93	71	173	166
7	359	340	262	251	237	225	233	166	120	93	172	131
8	390	357	270	253	227	218	171	99	124	120	142	96
9	412	390	253	234	242	222	109	89	127	124	96	69
10	422	410	247	235	248	228	115	109	128	125	77	59
11	426	416	258	245	236	205	131	115	131	126	77	57
12	437	419	255	250	216	205	145	131	132	117	109	69
13	421	393	274	251	219	212	163	145	117	107	119	108
14	393	368	277	267	217	210	173	163	122	112	137	119
15	427	389	277	260	226	214	195	171	134	122	135	128
16	451	412	260	249	239	225	174	131	154	132	140	132
17	460	449	259	244	236	227	131	126	155	125	149	139
18	460	414	260	245	251	227	133	127	125	87	157	149
19	414	398	267	259	251	240	149	133	107	87	162	153
20	403	388	271	266	259	246	159	144	116	103	176	140
21	391	378	284	271	266	252	165	159	127	116	140	114
22	432	381	303	273	273	250	176	159	140	127	116	114
23	451	429	300	230	268	253	166	138	153	137	137	116
24	451	400	238	230	253	209	142	136	141	136	148	131
25	467	320	248	236	223	182	136	132	143	139	149	145
26	320	135	243	236	195	178	143	132	145	140	154	149
27	135	88	252	238	204	189	159	139	157	142	159	152
28	128	90	253	246	190	174	148	130	151	142	162	159
29	150	128	262	247	192	180	136	131	---	---	168	161
30	175	150	269	262	198	191	143	134	---	---	171	166
31	199	175	---	---	203	191	149	143	---	---	175	168
MONTH	467	88	303	199	291	174	233	89	174	71	176	57

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	201	161	167	156	240	217	292	262	289	245	314	302
2	165	127	163	157	235	218	280	266	253	212	340	314
3	145	123	166	151	244	232	273	246	220	207	368	340
4	132	95	173	160	249	213	257	247	227	207	382	367
5	103	87	163	158	281	131	268	252	267	227	388	375
6	112	103	169	160	131	107	272	258	287	255	395	371
7	125	111	185	154	130	119	267	246	296	281	376	343
8	134	123	175	151	146	130	264	247	321	296	349	341
9	131	108	157	147	163	145	286	264	375	246	---	---
10	134	112	149	146	206	163	295	282	271	248	---	---
11	140	130	152	146	206	127	299	283	296	262	---	---
12	143	135	169	145	142	120	297	280	276	255	---	---
13	147	143	170	163	143	121	280	271	289	254	---	---
14	158	146	169	164	156	137	289	272	330	254	---	---
15	162	157	176	166	173	151	312	289	311	186	---	---
16	163	157	181	166	180	172	338	312	215	138	---	---
17	179	144	188	180	198	179	349	319	166	104	---	---
18	147	126	187	178	214	196	351	337	142	102	515	488
19	126	84	196	184	243	205	347	338	185	142	515	492
20	84	66	201	190	234	206	343	335	211	185	497	479
21	67	54	208	196	209	200	347	321	234	211	502	477
22	85	56	205	194	215	207	356	330	249	230	486	455
23	105	85	210	204	227	212	419	334	265	248	459	296
24	110	105	205	196	240	225	410	374	267	257	341	305
25	118	110	208	197	240	227	393	319	280	267	367	341
26	125	118	209	203	246	234	319	279	307	280	385	365
27	133	125	220	209	253	243	290	274	310	299	420	381
28	141	133	235	217	253	243	322	266	323	308	434	411
29	146	140	253	233	253	239	266	223	330	321	433	410
30	167	143	268	235	267	251	254	232	331	306	439	420
31	---	---	258	233	---	---	261	218	306	288	---	---
MONTH	201	54	268	145	281	107	419	218	375	102	---	---



STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	435	407	464	441	309	290	179	169	120	93	121	97
2	436	416	444	432	325	309	186	177	93	74	109	99
3	416	400	450	439	337	325	211	162	96	74	137	109
4	405	297	452	437	347	336	162	154	118	96	121	105
5	297	283	442	431	347	336	158	140	128	118	108	104
6	348	293	450	442	346	335	147	140	139	128	125	105
7	374	348	450	444	342	312	156	147	148	139	132	123
8	465	366	447	439	384	278	176	156	151	148	136	132
9	462	409	475	439	319	195	202	176	156	150	148	135
10	409	376	487	372	195	172	191	178	172	137	148	144
11	378	354	495	305	175	166	---	---	143	132	153	146
12	357	336	340	276	190	175	---	---	145	132	157	151
13	358	336	276	255	247	190	---	---	150	145	158	155
14	393	358	292	267	207	156	---	---	154	148	178	155
15	424	393	381	276	160	143	---	---	160	151	161	148
16	441	424	289	211	155	143	---	---	162	156	148	137
17	446	435	235	192	172	152	---	---	184	161	138	135
18	435	422	192	179	201	172	---	---	174	113	140	137
19	432	423	195	185	231	191	---	---	113	104	149	139
20	436	420	212	195	---	---	---	---	117	107	155	146
21	452	436	236	212	---	---	---	---	128	117	172	155
22	465	448	251	233	---	---	---	---	142	128	169	162
23	479	465	249	243	---	---	---	---	148	141	171	167
24	503	479	268	249	---	---	---	---	156	146	171	166
25	504	485	281	268	---	---	---	---	160	156	174	170
26	491	477	287	279	121	79	---	---	166	160	173	171
27	485	461	282	276	129	116	---	---	171	161	173	171
28	467	458	283	278	164	129	---	---	171	121	177	173
29	479	467	290	282	169	154	---	---	---	---	186	176
30	480	470	291	286	166	156	173	150	---	---	188	185
31	470	455	---	---	169	163	157	120	---	---	195	186
MONTH	504	283	495	179	---	---	---	---	184	74	195	97

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA. STREAM SOURCE AGENCY USGS  
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SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	221	187	168	161	201	193	192	122	225	211	313	295
2	187	174	161	148	207	199	125	114	226	215	337	308
3	186	172	150	148	275	204	131	114	234	220	358	337
4	172	170	155	149	266	234	131	116	238	223	358	349
5	176	171	194	153	234	213	127	116	254	230	358	334
6	202	169	194	95	214	196	152	126	256	235	336	319
7	200	172	95	70	207	178	162	120	249	234	319	309
8	176	172	81	70	194	178	170	139	252	238	311	307
9	175	172	112	81	207	191	154	139	261	239	309	301
10	174	172	117	110	211	201	190	151	262	246	335	309
11	175	171	128	117	210	202	190	116	267	251	363	335
12	180	173	138	128	214	204	116	89	274	258	362	352
13	183	177	149	138	223	207	132	90	281	267	362	340
14	186	182	167	149	230	218	136	132	283	270	344	336
15	228	178	166	163	249	228	144	136	285	270	345	331
16	206	154	170	163	280	231	155	144	293	271	350	334
17	167	161	174	168	280	195	166	155	286	273	364	350
18	166	156	175	167	217	186	171	164	294	275	360	349
19	168	156	197	166	194	177	181	171	304	285	351	347
20	180	161	182	165	187	180	184	178	314	285	358	342
21	198	169	184	178	198	180	195	177	315	300	366	355
22	169	167	180	175	216	197	195	167	326	305	419	351
23	172	166	192	180	234	216	207	169	312	302	422	364
24	180	171	192	183	282	212	218	202	401	290	368	364
25	184	179	190	183	263	232	209	131	437	364	366	350
26	208	181	199	184	251	217	163	137	410	365	414	366
27	226	200	212	198	236	166	187	163	416	372	435	414
28	231	161	203	188	176	141	198	184	372	308	414	395
29	187	157	196	191	181	164	208	191	311	294	410	393
30	205	168	191	189	179	164	216	201	312	292	496	400
31	---	---	197	189	---	---	219	204	303	295	---	---
MONTH	231	154	212	70	282	141	219	89	437	211	496	295

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	21.0	19.5	13.5	12.5	11.5	10.5	4.5	3.5	8.0	7.0	14.0	13.0
2	21.0	19.0	14.0	12.5	10.5	9.5	4.0	3.0	8.0	7.5	13.0	11.0
3	20.5	18.0	13.5	12.0	10.5	9.5	5.5	3.5	8.0	8.0	11.0	9.5
4	20.5	18.0	12.0	11.0	11.0	10.5	7.0	5.0	8.0	4.5	10.0	9.0
5	21.0	18.5	11.5	10.0	10.5	8.5	8.5	6.5	4.5	4.0	10.0	10.0
6	21.5	19.0	11.5	10.5	8.5	7.0	11.0	8.5	5.0	4.0	11.0	10.0
7	22.5	20.0	11.5	11.0	7.0	5.5	13.5	11.0	6.0	5.0	11.0	10.5
8	22.5	20.0	11.0	10.5	6.0	5.0	14.0	13.5	7.0	6.0	12.0	11.0
9	22.5	20.5	11.0	10.0	6.0	5.0	14.0	12.5	7.5	7.0	12.5	12.0
10	23.0	20.5	10.5	10.0	8.0	6.0	12.5	10.0	8.0	7.0	12.0	9.5
11	23.5	21.0	11.0	10.0	8.0	7.5	10.0	8.5	8.5	8.0	9.5	7.5
12	22.5	21.0	10.5	9.5	7.5	7.0	8.5	8.0	9.0	8.5	7.5	6.5
13	22.5	21.0	10.0	9.5	7.0	6.5	9.5	8.5	9.0	8.5	7.0	6.0
14	21.5	19.0	10.0	9.5	6.5	5.5	9.5	9.5	9.0	8.0	8.5	6.5
15	19.0	17.0	9.5	9.0	5.5	4.5	9.5	9.0	9.0	8.0	10.5	8.5
16	17.5	16.0	9.0	7.5	5.0	3.5	9.0	9.0	9.5	8.5	11.5	10.5
17	17.0	16.0	7.5	6.0	4.5	3.5	9.0	8.5	11.0	9.5	11.5	11.0
18	17.0	15.5	6.5	5.0	5.0	3.5	8.5	8.0	11.0	10.5	11.0	11.0
19	17.5	15.5	7.5	6.0	5.0	4.0	8.0	7.5	10.5	10.0	12.5	11.0
20	17.0	15.0	7.0	6.0	6.0	4.5	7.5	7.0	11.0	10.0	13.5	12.5
21	16.0	15.0	8.0	7.0	7.0	5.5	7.0	6.5	11.5	10.5	13.0	11.0
22	16.5	14.5	10.0	8.0	8.5	7.0	8.0	7.0	11.0	10.0	11.0	10.0
23	15.0	13.0	10.5	9.5	9.0	8.5	8.5	8.0	10.0	9.0	11.0	9.5
24	14.0	13.0	10.0	9.0	9.5	9.0	9.0	8.5	9.5	8.5	12.0	11.0
25	15.0	14.0	9.0	7.5	9.5	9.5	8.5	7.5	10.5	9.0	13.0	11.5
26	17.0	15.0	8.0	6.5	9.5	8.5	7.5	7.0	11.5	10.0	15.0	12.5
27	17.0	15.0	8.0	6.5	9.0	8.0	7.5	7.5	13.0	11.5	16.5	14.5
28	15.0	13.0	8.5	7.0	8.0	6.5	7.5	7.0	13.5	12.5	18.0	16.0
29	13.0	12.5	9.5	8.5	6.5	5.5	7.5	7.0	---	---	19.0	17.5
30	12.5	11.5	11.0	9.5	5.5	5.0	8.0	7.5	---	---	19.5	18.0
31	12.5	11.0	---	---	5.0	4.5	8.0	7.5	---	---	20.0	19.0
MONTH	23.5	11.0	14.0	5.0	11.5	3.5	14.0	3.0	13.5	4.0	20.0	6.0

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	20.5	19.0	17.0	16.0	27.5	24.5	29.5	28.0	27.5	25.5	28.0	26.0
2	19.5	18.0	17.5	16.0	27.5	25.5	29.0	27.0	28.0	26.0	28.0	25.5
3	18.0	16.0	17.0	16.5	28.5	26.0	29.0	27.5	27.5	25.5	27.0	25.5
4	16.0	14.0	17.0	16.0	28.0	25.0	28.5	27.5	27.5	25.0	27.0	24.0
5	14.0	13.0	17.5	15.5	25.5	23.5	29.0	26.5	27.5	25.5	28.0	24.5
6	14.0	13.0	18.0	16.5	23.5	22.0	28.5	27.5	28.5	26.0	28.0	25.5
7	15.5	13.5	18.5	17.5	22.0	21.0	29.0	27.5	28.5	26.0	28.0	26.0
8	17.0	15.5	19.5	18.0	21.5	20.0	29.0	28.0	28.5	26.5	28.0	26.0
9	17.0	15.5	19.5	18.5	21.5	20.5	30.0	27.5	27.0	25.5	---	---
10	15.5	13.0	19.5	19.0	21.5	21.0	30.5	28.0	26.5	25.0	---	---
11	14.5	13.0	20.0	18.5	22.0	21.0	29.5	28.0	26.5	25.0	---	---
12	15.0	13.0	20.5	18.5	22.5	21.0	29.0	28.0	26.5	25.0	---	---
13	15.5	13.5	21.5	19.0	24.5	22.0	28.5	27.5	27.0	25.5	---	---
14	16.5	15.5	22.5	20.5	25.0	23.5	28.5	26.5	26.5	25.5	---	---
15	17.5	16.0	23.5	21.5	26.0	24.0	29.5	26.5	26.0	24.5	---	---
16	18.5	17.5	24.0	22.5	26.5	24.5	29.0	27.5	25.0	24.0	---	---
17	18.5	18.0	25.0	22.5	27.0	24.0	30.0	27.0	25.5	24.5	---	---
18	18.0	16.5	25.0	22.5	27.0	24.5	30.5	27.0	26.0	24.0	---	---
19	16.5	15.0	25.0	22.0	27.0	24.5	31.0	27.5	27.5	25.0	27.5	25.5
20	15.5	15.0	25.0	22.5	26.0	23.5	31.0	28.0	27.0	26.0	26.5	25.5
21	15.5	15.0	25.5	23.0	26.5	24.0	31.5	28.5	27.5	25.0	25.5	25.0
22	15.5	15.0	26.0	23.5	28.0	25.0	30.5	28.5	28.0	25.5	26.5	24.0
23	15.0	14.5	26.5	24.0	28.5	26.0	29.5	27.5	28.0	26.0	26.0	24.5
24	14.5	13.5	26.0	24.5	29.5	27.0	28.5	27.5	28.0	26.0	25.5	24.0
25	15.5	14.0	26.0	24.0	30.0	28.0	27.5	26.5	28.5	26.0	26.0	23.0
26	16.5	15.0	26.5	24.5	30.0	28.5	27.0	26.5	29.0	26.0	25.5	22.5
27	16.5	16.0	26.5	24.5	30.5	28.5	26.5	26.0	29.5	26.5	26.0	23.5
28	16.5	16.0	27.0	25.0	30.5	28.5	27.0	25.5	29.5	26.5	25.0	24.5
29	16.0	15.5	26.5	25.0	30.5	28.5	26.5	25.5	29.5	26.5	24.5	24.0
30	16.0	15.5	26.0	24.5	30.5	28.5	27.0	25.5	28.5	27.0	25.0	23.5
31	---	---	26.5	24.5	---	---	27.0	26.0	28.5	27.0	---	---
MONTH	20.5	13.0	27.0	15.5	30.5	20.0	31.5	25.5	29.5	24.0	---	---

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	26.0	23.0	18.0	15.5	13.5	11.0	6.5	6.0	11.0	9.5	11.5	10.5
2	24.5	22.5	16.5	15.5	12.5	11.0	6.0	6.0	9.5	9.0	10.5	10.0
3	22.5	21.5	18.0	16.0	13.5	11.5	6.0	5.5	10.5	9.5	10.5	10.0
4	23.0	21.5	16.5	15.0	13.5	12.0	5.5	4.0	11.5	10.5	10.0	8.5
5	23.5	22.5	15.0	12.5	14.5	13.0	4.0	2.5	11.5	11.0	8.5	8.0
6	24.0	23.0	13.0	11.0	15.5	14.0	2.5	2.0	11.0	10.5	9.5	8.5
7	23.0	22.5	12.0	9.5	16.0	15.0	3.0	2.0	12.0	11.0	10.0	9.0
8	23.0	21.0	10.5	10.0	17.5	16.0	5.0	3.0	13.0	12.0	9.5	8.5
9	21.5	19.5	12.0	10.5	17.0	15.0	6.5	5.0	13.0	12.5	8.5	8.0
10	20.5	18.5	14.0	12.0	15.0	13.0	6.0	5.0	14.0	13.0	8.0	7.5
11	20.5	17.5	15.5	13.5	13.0	12.0	---	---	14.5	14.0	9.0	8.0
12	20.5	18.0	13.5	12.5	12.0	11.0	---	---	15.0	13.5	9.5	8.0
13	20.5	18.0	13.0	12.0	11.0	11.0	---	---	13.5	10.5	9.0	9.0
14	20.0	17.5	13.0	13.0	11.0	10.5	---	---	10.5	8.5	9.0	8.5
15	19.5	17.0	14.0	13.0	10.5	9.5	---	---	8.5	7.5	9.0	8.0
16	19.0	16.5	13.5	13.0	9.5	8.5	---	---	9.0	7.0	10.0	8.5
17	19.0	17.0	14.0	13.0	8.5	7.5	---	---	10.0	8.5	11.0	9.5
18	19.5	17.5	13.5	12.5	7.5	6.5	---	---	11.0	10.0	12.0	10.5
19	19.5	18.5	13.5	12.5	8.0	6.5	---	---	10.5	10.0	13.0	11.5
20	20.5	18.5	13.5	13.0	---	---	---	---	10.0	9.5	13.5	12.0
21	19.0	17.5	13.0	11.5	---	---	---	---	10.0	9.0	14.0	13.0
22	18.0	15.5	11.5	10.0	---	---	---	---	9.0	7.5	14.0	12.5
23	16.0	14.0	12.0	10.5	---	---	---	---	7.5	7.0	14.0	12.5
24	15.0	12.5	13.5	12.0	---	---	---	---	7.5	6.5	14.0	13.0
25	14.5	12.5	13.0	12.5	---	---	---	---	7.5	6.5	13.5	13.0
26	14.5	12.5	14.0	12.5	6.5	5.5	---	---	9.0	7.0	13.5	12.0
27	15.0	12.5	13.0	11.5	7.0	6.5	---	---	10.0	8.5	13.5	11.5
28	16.0	13.0	12.0	10.5	7.5	7.0	---	---	11.5	10.0	13.5	11.5
29	16.0	13.5	11.5	10.5	8.0	7.5	---	---	---	---	13.0	12.5
30	17.0	14.5	11.5	10.0	8.0	7.0	13.0	12.5	---	---	14.0	12.0
31	17.5	15.5	---	---	7.0	6.5	12.5	11.0	---	---	14.0	13.5
MONTH	26.0	12.5	18.0	9.5	---	---	---	---	15.0	6.5	14.0	7.5

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	14.5	13.0	16.5	15.0	24.0	22.0	25.0	24.0	30.5	28.5	27.5	24.0
2	15.5	14.0	17.5	15.5	24.0	23.0	24.0	23.0	31.0	28.5	27.5	24.0
3	18.0	15.5	18.5	16.0	24.0	22.0	24.5	23.5	30.0	28.5	26.0	25.0
4	19.5	17.5	19.5	17.5	24.5	22.5	25.5	24.0	29.5	27.5	27.5	24.0
5	21.0	18.5	19.5	18.5	26.0	23.0	27.0	24.5	29.5	27.5	27.5	24.5
6	20.5	19.0	18.5	17.5	26.0	24.0	27.0	25.5	29.5	27.0	27.5	24.5
7	20.0	18.5	18.5	18.0	26.0	24.0	26.0	24.5	29.5	26.5	28.0	25.0
8	20.0	19.0	19.0	18.5	27.0	24.0	26.0	24.5	28.5	27.0	28.5	25.5
9	21.5	20.0	19.0	18.5	27.5	25.0	26.5	25.0	29.0	27.5	27.0	25.0
10	22.0	20.0	19.5	18.0	28.0	26.0	26.5	24.5	29.5	27.0	26.5	23.5
11	23.0	21.0	20.5	18.5	27.0	26.0	24.5	23.5	30.0	27.5	25.5	22.5
12	21.5	20.0	21.5	19.5	26.0	24.5	23.5	23.0	31.0	28.0	26.0	23.0
13	20.5	18.0	21.5	20.5	26.5	24.0	23.0	22.5	31.5	28.5	26.0	23.0
14	19.5	17.5	21.5	20.0	26.0	25.0	23.0	22.0	31.5	29.0	26.5	24.0
15	18.5	17.0	22.0	20.0	25.5	24.5	24.0	22.0	30.0	27.0	26.5	23.0
16	17.5	16.0	22.5	20.5	25.5	23.5	25.5	23.5	30.5	27.5	25.0	22.0
17	16.5	15.0	23.0	21.0	24.5	23.0	25.5	24.5	31.0	27.5	25.5	20.5
18	15.0	13.5	23.0	21.5	24.0	22.5	26.0	24.0	31.0	27.5	24.0	20.0
19	15.0	12.5	23.0	21.0	24.5	22.0	27.0	24.5	30.0	27.0	23.5	20.5
20	17.0	14.0	22.5	21.0	25.0	22.5	27.0	25.5	30.0	27.5	24.0	21.5
21	18.5	15.5	23.0	20.5	25.5	23.0	27.5	26.0	29.5	27.0	23.0	21.0
22	19.5	16.5	23.0	21.0	26.5	24.5	27.5	26.0	29.0	25.5	22.5	19.5
23	20.0	18.0	23.5	21.5	25.5	25.0	29.0	26.0	27.5	26.0	21.0	18.0
24	22.0	19.0	24.5	22.0	25.0	24.0	28.5	27.0	26.5	25.0	21.0	18.0
25	22.0	20.5	24.0	21.5	25.5	23.0	27.0	25.5	27.5	25.0	22.0	18.5
26	20.5	19.0	23.5	21.5	26.0	24.5	28.0	25.5	28.5	26.0	22.0	19.0
27	19.5	18.5	22.5	20.0	26.0	25.0	29.0	26.5	27.5	25.5	22.0	21.0
28	20.0	19.0	22.5	20.0	25.0	24.0	29.5	27.0	28.0	25.5	23.5	21.5
29	19.5	17.5	22.5	20.5	26.0	24.5	29.5	27.5	28.5	26.0	23.5	22.0
30	17.5	16.0	23.5	21.0	26.0	25.0	29.5	27.0	28.5	26.0	22.0	19.5
31	---	---	23.5	22.0	---	---	30.5	28.0	27.5	24.5	---	---
MONTH	23.0	12.5	24.5	15.0	28.0	22.0	30.5	22.0	31.5	24.5	28.5	18.0