

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1999 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1999 to current year.

pH: April 1999 to current year.

WATER TEMPERATURE: April 1999 to current year.

DISSOLVED OXYGEN: April 1999 to current year.

DISSOLVED OXYGEN, PERCENT SATURATION: April 1999 to current year.

REMARKS.--Station operated in cooperation with Mecklenburg County Department of Environmental Protection to characterize water-quality conditions in Briar Creek basin. Dissolved oxygen, percent saturation, computed using barometric pressure of 740 mm Hg. Water-quality data deleted during periods of zero flow, Aug. 8-13, 21, Sept. 1-3, 8, 9, 14-24, 2001.

INSTRUMENTATION.-- Water-quality monitor with radio telemetry.

EXTREMES FOR PERIOD OF DAILY RECORD.--Extremes listed below may have been exceeded during periods of missing record.

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	658, January 23, 2000	24, September 23, 2000, September 24, 2001
pH, standard units	9.3, August 8, 1999	5.7, April 27, 1999
WATER TEMPERATURE, °C	33.9, August 14, 1999	0.2, January 28, 2000, January 3-4, 2001
DISSOLVED OXYGEN, mg/L	17.2, April 25, 1999	2.0, June 16, 2000
DISSOLVED OXYGEN, PERCENT SATURATION,%	200, April 25, 1999	21, April 17, 1999

EXTREMES FOR CURRENT YEAR.--Extremes listed below may have been exceeded during periods of missing record.

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	215, October 29	24, September 24
pH, standard units	9.0, July 21, 22	5.9, July 4, September 21
WATER TEMPERATURE, °C	32.6, August 8	0.2, January 3, 4
DISSOLVED OXYGEN, mg/L	13.4, February 13	2.2, May 17, June 6
DISSOLVED OXYGEN, PERCENT SATURATION,%	174, July 21	24, October 29, 30

SANTEE RIVER BASIN

0214642825 BRIAR CREEK NEAR CHARLOTTE, NC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	156	152	153	189	180	183	148	144	146	162	156	160
2	160	156	157	181	176	178	151	148	149	162	153	157
3	160	157	159	177	175	176	153	151	152	164	154	158
4	162	159	160	176	174	175	155	152	153	164	150	158
5	163	161	162	177	174	176	158	153	155	154	150	152
6	164	163	164	181	176	178	156	154	154	154	149	152
7	165	164	165	184	181	183	156	154	155	153	151	152
8	166	165	165	185	183	184	158	155	156	151	101	126
9	166	164	165	184	117	152	156	155	155	130	103	117
10	167	166	166	128	81	103	159	155	156	140	129	135
11	167	165	166	129	112	122	166	159	163	145	140	142
12	168	166	167	140	129	135	164	158	161	146	90	129
13	168	167	168	151	140	145	159	157	158	111	89	98
14	169	168	168	152	80	107	159	125	146	136	111	123
15	170	168	169	108	86	97	146	127	137	147	136	144
16	171	168	169	124	107	116	160	110	127	151	147	148
17	172	167	170	126	82	94	123	64	80	152	147	149
18	169	167	168	104	87	96	111	89	102	151	131	148
19	170	168	169	109	61	92	174	111	129	131	63	110
20	171	169	170	106	78	88	160	134	139	96	67	85
21	172	170	171	154	106	139	143	135	140	118	95	106
22	174	172	173	149	128	136	154	143	148	134	118	127
23	174	172	173	135	128	131	158	150	153	145	134	140
24	176	173	174	141	135	138	158	152	154	149	145	147
25	180	175	177	143	45	100	155	151	153	152	148	150
26	183	180	181	94	61	78	162	154	158	156	152	154
27	182	180	181	115	93	104	157	150	154	158	156	157
28	204	182	193	129	115	122	151	148	150	158	157	157
29	215	203	210	139	129	134	153	151	152	159	157	158
30	213	200	209	144	139	142	156	153	155	172	128	146
31	200	187	193	---	---	---	165	156	161	145	129	137
MONTH	215	152	172	189	45	133	174	64	147	172	63	139

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	152	145	150	158	155	156	141	135	138	168	164	166
2	155	152	154	161	156	159	150	141	146	170	165	168
3	156	154	155	165	87	143	155	138	148	173	168	170
4	159	156	157	111	44	81	148	138	143	172	168	170
5	160	157	159	136	111	125	153	148	151	173	168	171
6	160	158	159	147	136	143	159	152	156	173	168	170
7	160	158	159	154	147	151	166	115	141	172	167	169
8	162	159	161	156	152	155	162	154	159	171	166	168
9	164	159	161	159	155	157	168	161	165	174	167	170
10	163	151	158	160	156	158	170	163	167	177	170	173
11	166	156	160	162	157	159	173	167	170	177	170	174
12	164	116	147	163	86	147	177	169	174	178	171	174
13	120	112	116	126	86	104	181	89	135	177	171	175
14	121	97	104	148	126	140	155	111	134	177	171	174
15	140	111	128	152	49	90	170	155	164	176	170	173
16	152	140	146	133	90	115	168	160	163	176	171	174
17	151	42	83	148	133	141	171	119	157	176	170	173
18	129	98	116	153	148	151	167	137	159	173	168	171
19	143	129	138	158	153	156	168	166	167	175	169	172
20	150	143	147	160	45	109	170	167	168	176	170	173
21	153	149	151	113	43	85	171	169	170	175	88	114
22	153	61	99	139	113	127	173	170	171	110	77	94
23	127	87	111	150	139	145	175	171	173	140	108	125
24	145	127	137	156	150	153	175	166	172	150	75	135
25	149	87	118	159	155	157	166	49	84	119	96	105
26	135	102	121	161	157	159	144	92	116	105	52	80
27	147	135	143	162	157	160	159	143	152	131	105	118
28	155	147	152	162	157	160	166	157	161	134	58	94
29	---	---	---	160	42	89	164	160	162	100	81	91
30	---	---	---	118	71	98	166	162	164	125	100	112
31	---	---	---	136	118	127	---	---	---	139	125	132
MONTH	166	42	139	165	42	135	181	49	154	178	52	149

## SANTEE RIVER BASIN

0214642825 BRIAR CREEK NEAR CHARLOTTE, NC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	140	43	87	136	120	126	137	126	130	---	---	---
2	114	71	96	148	136	142	140	136	138	---	---	---
3	132	114	123	151	86	143	142	139	141	---	---	---
4	143	132	136	111	30	89	145	141	143	63	31	52
5	153	143	147	102	54	80	146	141	144	82	60	69
6	158	152	154	114	102	109	146	142	144	74	65	67
7	161	156	158	123	114	117	150	145	147	74	69	72
8	162	130	147	130	123	126	---	---	---	---	---	---
9	144	134	139	134	128	132	---	---	---	---	---	---
10	154	144	148	134	127	130	---	---	---	108	104	106
11	160	154	156	140	134	137	---	---	---	108	104	106
12	165	159	161	142	139	140	---	---	---	108	104	106
13	166	33	121	147	133	141	---	---	---	109	105	107
14	94	46	75	147	140	143	161	156	159	---	---	---
15	113	94	105	149	146	147	160	157	158	---	---	---
16	126	112	119	153	149	151	162	159	161	---	---	---
17	136	126	130	156	153	154	162	159	160	---	---	---
18	147	136	140	163	156	160	160	60	142	---	---	---
19	154	146	149	163	152	158	91	74	79	---	---	---
20	155	152	153	161	154	156	103	91	97	---	---	---
21	157	154	155	164	159	161	110	103	106	---	---	---
22	193	54	136	166	161	164	115	110	111	---	---	---
23	95	58	79	168	87	150	118	114	116	---	---	---
24	119	95	108	115	65	94	121	117	119	---	---	---
25	133	119	125	99	70	87	122	117	120	82	59	73
26	140	133	136	94	57	71	121	118	120	89	81	85
27	150	140	146	104	85	94	123	120	121	89	84	86
28	151	48	127	117	104	110	124	121	123	92	86	89
29	108	69	91	135	117	124	124	119	122	94	91	92
30	120	108	113	136	116	124	123	120	122	101	94	96
31	---	---	---	127	119	122	124	111	121	---	---	---
MONTH	193	33	129	168	30	128	---	---	---	---	---	---

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.2	7.0	7.1	7.2	7.0	7.1	6.9	6.8	6.8	7.2	7.1	7.2
2	7.2	7.0	7.1	7.2	7.0	7.1	6.9	6.7	6.8	7.2	7.1	7.2
3	7.2	7.1	7.1	7.4	7.1	7.2	6.8	6.8	6.8	7.2	7.0	7.1
4	7.2	7.0	7.1	7.3	7.1	7.2	6.9	6.7	6.8	7.2	7.1	7.1
5	7.0	6.9	6.9	7.2	7.0	7.1	6.9	6.7	6.8	7.2	7.1	7.1
6	6.9	6.7	6.8	7.2	7.0	7.0	7.0	6.9	7.0	7.2	7.1	7.1
7	7.0	6.8	6.9	7.0	6.9	7.0	7.0	6.9	7.0	7.3	7.1	7.2
8	7.0	6.9	6.9	7.0	6.8	6.9	7.0	6.9	6.9	7.3	6.9	7.1
9	7.1	6.9	7.0	6.9	6.7	6.8	7.0	6.9	6.9	7.0	6.8	6.9
10	7.1	6.9	7.0	6.8	6.6	6.6	7.0	6.8	6.9	7.0	6.8	7.0
11	7.1	7.0	7.0	6.7	6.6	6.7	6.8	6.7	6.8	7.2	7.0	7.0
12	7.3	7.0	7.1	6.7	6.6	6.7	6.8	6.7	6.8	7.1	6.7	6.9
13	7.2	6.9	7.0	6.8	6.7	6.7	6.9	6.8	6.8	6.9	6.7	6.8
14	7.2	7.0	7.0	6.8	6.6	6.7	6.9	6.8	6.9	7.1	6.8	6.9
15	7.3	7.0	7.1	6.6	6.6	6.6	6.8	6.7	6.8	7.1	6.7	6.9
16	7.5	7.1	7.2	6.8	6.6	6.7	6.8	6.6	6.7	7.1	6.8	6.9
17	7.5	7.2	7.3	6.9	6.7	6.8	6.6	6.4	6.4	7.3	6.8	7.0
18	7.4	7.2	7.3	6.8	6.7	6.7	6.7	6.4	6.6	7.3	7.0	7.1
19	7.4	7.2	7.3	7.0	6.8	6.8	6.8	6.6	6.7	7.0	6.6	6.9
20	7.3	7.2	7.2	6.9	6.7	6.8	6.8	6.7	6.8	6.9	6.7	6.8
21	7.3	7.2	7.2	6.9	6.8	6.9	6.8	6.8	6.8	7.0	6.9	6.9
22	7.2	7.1	7.2	6.9	6.8	6.9	7.0	6.8	6.9	7.1	6.9	7.0
23	7.2	7.0	7.1	7.0	6.9	7.0	7.1	7.0	7.0	7.1	6.9	7.0
24	7.0	6.9	7.0	7.0	7.0	7.0	7.1	7.0	7.0	7.0	6.9	6.9
25	7.0	7.0	7.0	7.0	6.7	6.9	7.2	7.0	7.1	7.1	6.9	7.0
26	7.1	7.0	7.0	6.9	6.8	6.8	7.2	7.1	7.1	7.1	7.0	7.0
27	7.1	7.0	7.1	6.9	6.8	6.9	7.2	7.0	7.1	7.2	7.0	7.0
28	7.1	7.0	7.0	6.9	6.8	6.8	7.1	7.0	7.0	7.2	7.0	7.1
29	7.0	6.9	7.0	6.9	6.8	6.8	7.1	7.0	7.1	7.2	7.0	7.1
30	7.1	6.9	7.0	6.9	6.8	6.8	7.2	7.1	7.1	7.2	6.9	7.0
31	7.2	7.0	7.1	---	---	---	7.2	7.1	7.2	7.1	6.8	6.9
MONTH	7.5	6.7	7.1	7.4	6.6	6.9	7.2	6.4	6.9	7.3	6.6	7.0

0214642825 BRIAR CREEK NEAR CHARLOTTE, NC--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	7.4	6.9	7.1	7.5	7.1	7.2	6.9	6.7	6.8	7.4	6.9	7.1
2	7.4	7.0	7.2	7.6	7.0	7.2	7.2	6.8	6.9	7.4	6.9	7.1
3	7.4	7.1	7.2	7.2	6.9	7.1	7.3	6.9	7.1	7.3	6.8	7.0
4	7.5	7.1	7.2	6.9	6.6	6.8	7.4	6.9	7.1	7.3	6.8	7.0
5	7.4	7.1	7.2	7.0	6.8	6.9	7.7	7.0	7.3	7.4	6.7	7.0
6	7.4	7.1	7.2	7.0	6.9	6.9	8.1	7.1	7.4	7.2	6.8	7.0
7	7.5	7.1	7.2	7.3	6.9	7.0	7.9	7.1	7.4	7.5	6.9	7.1
8	7.5	7.1	7.2	7.3	7.1	7.2	8.3	7.0	7.4	7.3	6.8	7.0
9	7.6	7.1	7.3	7.5	7.1	7.2	8.3	7.1	7.5	7.7	6.8	7.2
10	7.5	7.1	7.2	7.6	7.2	7.3	8.3	7.1	7.4	7.8	6.9	7.2
11	7.4	7.0	7.1	7.7	7.2	7.4	8.1	7.0	7.3	7.8	6.9	7.3
12	7.4	6.9	7.1	7.6	6.9	7.3	8.0	7.1	7.4	7.7	6.9	7.3
13	7.3	6.9	7.0	7.2	6.9	7.0	7.1	6.6	6.8	7.8	7.0	7.3
14	7.1	6.8	6.9	7.4	7.0	7.2	6.9	6.6	6.8	7.8	7.0	7.4
15	7.3	6.8	7.0	7.1	6.6	6.8	7.0	6.8	6.9	7.6	7.1	7.3
16	7.5	6.9	7.1	7.0	6.8	6.9	7.0	6.7	6.8	7.7	7.0	7.2
17	7.2	6.5	6.8	7.2	6.9	7.0	7.0	6.7	6.9	7.3	7.0	7.1
18	7.0	6.8	6.9	7.3	7.0	7.1	7.2	6.7	6.9	7.6	7.0	7.2
19	7.1	7.0	7.0	7.4	7.0	7.1	7.4	7.0	7.1	7.5	7.0	7.2
20	7.2	7.0	7.1	7.1	6.6	6.9	7.4	7.0	7.2	7.3	6.9	7.1
21	7.2	7.0	7.1	6.8	6.4	6.7	7.6	7.1	7.2	7.1	6.6	6.8
22	7.2	6.8	7.0	7.0	6.8	6.9	7.5	7.0	7.2	7.0	6.7	6.8
23	7.1	7.0	7.1	7.1	6.9	7.0	7.5	7.0	7.2	6.9	6.7	6.8
24	7.2	7.0	7.1	7.1	7.0	7.0	7.6	7.0	7.2	7.0	6.7	6.8
25	7.1	6.7	6.9	7.3	7.0	7.1	7.0	6.7	6.8	6.8	6.6	6.7
26	7.1	6.8	6.9	7.4	7.0	7.1	7.0	6.8	6.9	6.9	6.6	6.7
27	7.1	6.8	7.0	7.4	7.0	7.2	7.1	6.8	6.9	6.8	6.6	6.7
28	7.4	6.9	7.1	7.5	7.0	7.2	7.2	6.8	6.9	6.8	6.5	6.6
29	---	---	---	7.1	6.4	6.7	7.3	6.8	7.0	6.8	6.6	6.7
30	---	---	---	6.8	6.5	6.7	7.4	6.9	7.1	6.7	6.6	6.7
31	---	---	---	6.9	6.8	6.8	---	---	---	6.8	6.7	6.8
MONTH	7.6	6.5	7.1	7.7	6.4	7.0	8.3	6.6	7.1	7.8	6.5	7.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.0	6.4	6.7	7.0	6.6	6.8	6.8	6.6	6.7	---	---	---
2	6.8	6.6	6.7	6.9	6.6	6.8	7.0	6.5	6.7	---	---	---
3	7.0	6.8	6.9	7.0	6.5	6.8	7.2	6.6	6.9	---	---	---
4	7.0	6.9	7.0	6.8	5.9	6.5	7.2	6.8	7.0	6.5	6.2	6.4
5	7.2	6.9	7.0	6.4	6.2	6.4	7.5	6.8	7.1	6.8	6.5	6.6
6	7.2	6.9	7.1	6.4	6.3	6.4	7.7	7.1	7.3	6.9	6.7	6.8
7	7.1	6.8	6.9	6.6	6.3	6.4	7.8	7.2	7.4	7.1	6.8	6.9
8	7.0	6.7	6.9	6.7	6.4	6.5	---	---	---	---	---	---
9	7.0	6.7	6.8	6.7	6.6	6.7	---	---	---	---	---	---
10	7.2	6.9	7.0	7.0	6.6	6.8	---	---	---	6.9	6.7	6.8
11	7.3	7.0	7.1	7.2	6.8	6.9	---	---	---	6.9	6.6	6.7
12	7.6	7.1	7.3	7.3	6.8	7.0	---	---	---	6.8	6.6	6.7
13	7.5	6.8	7.2	7.3	6.9	7.1	---	---	---	6.8	6.6	6.7
14	7.0	6.9	7.0	7.9	7.0	7.2	7.8	7.1	7.3	---	---	---
15	7.2	7.0	7.1	7.9	7.1	7.3	7.5	7.0	7.2	---	---	---
16	7.3	7.1	7.2	8.2	7.1	7.4	7.8	7.1	7.4	---	---	---
17	7.4	7.2	7.3	7.7	7.1	7.4	7.8	7.2	7.4	---	---	---
18	7.5	7.2	7.3	8.1	7.3	7.6	7.4	6.7	7.1	---	---	---
19	7.7	7.3	7.4	8.1	7.2	7.4	6.8	6.7	6.8	---	---	---
20	7.8	7.2	7.4	8.8	7.2	7.8	7.0	6.7	6.9	---	---	---
21	7.9	7.3	7.5	9.0	7.3	8.0	7.0	6.7	6.9	---	---	---
22	7.5	6.8	7.2	9.0	7.3	8.0	7.3	6.8	6.9	---	---	---
23	7.0	6.7	6.9	8.2	7.0	7.4	7.2	6.9	7.0	---	---	---
24	7.2	6.9	7.0	7.1	6.5	6.8	6.9	6.7	6.8	---	---	---
25	7.4	7.0	7.2	6.7	6.5	6.6	7.1	6.7	6.8	6.7	6.6	6.6
26	7.6	7.1	7.3	6.7	6.5	6.5	7.1	6.7	6.9	6.8	6.7	6.7
27	7.6	7.1	7.3	6.5	6.4	6.5	7.1	6.8	6.9	6.8	6.7	6.8
28	7.3	6.6	7.0	6.7	6.5	6.6	7.1	6.8	6.9	6.8	6.6	6.7
29	6.7	6.5	6.6	6.8	6.6	6.6	7.1	6.7	6.9	6.9	6.7	6.8
30	6.9	6.6	6.7	6.8	6.7	6.7	6.9	6.7	6.8	7.0	6.8	6.9
31	---	---	---	7.2	6.6	6.8	6.9	6.6	6.8	---	---	---
MONTH	7.9	6.4	7.1	9.0	5.9	7.0	---	---	---	---	---	---

## SANTEE RIVER BASIN

0214642825 BRIAR CREEK NEAR CHARLOTTE, NC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	20.5	16.7	18.3	14.3	10.7	12.5	8.4	5.1	6.7	2.0	.3	1.1
2	20.3	16.2	17.9	14.4	10.7	12.4	6.7	5.6	5.9	2.7	.5	1.5
3	21.1	17.1	18.9	14.8	11.6	13.0	6.0	3.8	5.3	2.2	.2	1.1
4	22.0	18.1	19.8	15.4	13.4	14.3	4.7	2.5	3.9	2.3	.2	1.1
5	22.5	18.3	20.0	17.1	14.0	15.2	4.8	2.1	3.6	2.8	.3	1.5
6	21.2	18.9	20.1	15.0	11.8	13.4	4.1	2.3	3.7	3.6	.9	2.3
7	21.0	17.7	19.3	14.1	13.2	13.6	6.7	3.1	4.9	3.8	1.4	2.5
8	17.7	13.1	15.2	16.5	13.6	14.9	7.7	4.1	5.7	6.9	3.5	5.1
9	14.4	11.0	12.7	18.0	15.5	16.8	7.1	4.6	6.0	6.4	3.9	5.1
10	14.4	10.1	12.0	17.9	14.9	16.4	6.5	5.8	6.2	5.5	1.6	3.4
11	14.4	10.3	12.2	15.5	11.7	13.6	7.8	6.1	6.8	5.5	2.3	4.0
12	15.3	10.8	12.8	13.5	10.1	11.8	10.3	7.5	8.8	6.5	5.3	5.8
13	16.3	11.5	13.6	12.4	9.7	11.2	7.5	4.9	5.7	7.5	3.9	5.8
14	16.8	12.4	14.4	14.7	11.5	12.8	6.6	4.6	5.5	8.3	5.9	6.9
15	16.9	13.1	14.8	12.1	8.8	10.3	6.7	5.9	6.5	10.8	6.6	8.5
16	17.4	13.7	15.5	9.6	7.8	8.5	6.8	5.6	6.0	9.6	7.1	8.5
17	18.5	14.9	16.5	11.0	8.6	9.9	9.8	5.7	8.4	8.5	6.5	7.4
18	19.5	16.0	17.4	9.4	7.3	8.3	6.2	3.4	5.0	7.7	7.4	7.5
19	18.8	15.4	17.1	7.8	5.3	6.3	4.7	3.2	4.3	9.4	7.5	8.3
20	18.0	15.1	16.4	9.1	5.3	6.7	4.0	1.5	2.8	10.2	6.8	9.4
21	17.9	14.8	16.3	7.2	4.4	5.8	2.5	1.1	1.8	7.7	4.2	5.8
22	19.0	15.5	17.1	6.0	2.8	4.5	5.3	2.1	3.4	6.9	3.2	5.0
23	19.3	15.8	17.3	7.2	4.0	5.3	3.4	.9	1.9	6.8	2.7	4.7
24	18.4	14.7	16.5	7.2	5.2	6.3	3.4	.6	1.9	7.8	3.7	5.6
25	18.0	15.8	16.8	8.4	6.8	7.6	2.8	.7	1.8	7.0	3.7	5.4
26	19.4	15.1	16.8	9.6	8.1	8.7	1.5	.3	1.0	6.0	2.1	4.1
27	18.8	14.4	16.3	9.6	6.7	8.1	2.2	1.0	1.4	8.5	3.7	5.8
28	19.4	15.3	17.1	10.1	6.1	7.9	3.4	1.9	2.8	7.0	3.0	5.3
29	18.9	15.0	16.7	9.7	6.7	8.2	3.0	1.0	2.3	8.4	4.1	6.2
30	16.4	13.2	14.7	9.8	7.2	8.5	3.1	.9	2.0	12.3	7.9	10.1
31	15.2	11.3	13.3	---	---	---	2.5	.4	1.3	12.3	8.4	10.2
MONTH	22.5	10.1	16.3	18.0	2.8	10.4	10.3	.3	4.3	12.3	.2	5.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.3	8.1	9.0	14.9	9.0	11.7	15.0	10.8	12.6	23.0	15.9	19.3
2	9.0	7.0	8.0	16.4	10.4	13.2	17.0	8.2	12.2	23.5	17.2	20.1
3	7.6	4.5	6.3	14.8	11.5	13.1	13.9	11.5	12.6	24.1	17.2	20.3
4	8.8	4.7	6.6	11.9	10.7	11.3	15.2	12.0	13.3	24.8	17.6	20.9
5	10.5	6.0	8.1	14.7	9.2	11.6	16.1	11.3	13.6	25.0	18.3	21.4
6	9.7	4.7	7.4	9.8	5.6	7.7	20.5	12.3	16.1	21.7	18.8	20.2
7	10.6	5.2	7.8	11.4	4.7	7.7	22.5	15.2	18.7	22.0	16.3	18.8
8	11.9	6.7	9.2	12.4	5.1	8.6	24.5	17.1	20.4	18.4	16.0	17.4
9	13.0	8.1	10.6	14.1	7.6	10.5	25.2	18.0	21.2	22.3	16.7	19.0
10	15.6	11.7	13.1	13.2	6.4	9.6	25.2	18.3	21.5	23.4	17.6	20.3
11	11.7	7.5	9.4	14.0	6.6	10.2	22.7	18.6	20.5	24.8	18.6	21.4
12	9.0	5.7	6.9	13.7	9.4	11.5	24.5	18.7	21.4	23.6	19.5	21.5
13	8.7	5.5	6.9	18.9	12.9	15.3	21.6	18.4	19.9	24.4	19.0	21.2
14	11.7	8.7	9.9	16.4	11.0	13.8	22.5	16.1	19.1	22.8	16.7	19.4
15	14.0	11.5	12.8	14.2	11.6	12.2	19.1	16.8	17.6	23.0	17.3	19.8
16	16.4	12.8	14.5	11.9	10.2	11.2	21.2	15.1	17.7	24.6	18.7	21.2
17	15.3	9.5	12.5	16.8	9.2	12.4	16.7	11.6	14.3	20.9	18.1	19.2
18	10.7	6.3	8.5	15.4	9.2	12.0	16.7	9.4	12.7	24.9	17.4	20.5
19	10.9	5.5	8.0	14.6	7.4	10.8	17.2	9.7	13.2	26.7	19.7	22.8
20	12.6	6.8	9.7	10.8	7.5	8.5	17.3	11.1	14.3	24.4	20.8	22.5
21	11.5	9.6	10.6	9.8	8.3	9.0	21.4	13.9	17.3	22.7	20.8	21.6
22	10.2	5.4	7.1	16.2	7.6	11.3	22.7	15.9	19.0	23.1	20.3	21.4
23	11.8	5.0	7.8	16.6	8.3	12.1	24.0	16.6	20.0	22.9	17.8	20.0
24	12.6	6.6	9.7	16.5	9.0	12.7	24.5	18.0	20.7	23.3	17.3	20.0
25	14.0	11.2	12.4	15.6	10.5	12.8	19.4	14.5	16.2	20.4	18.6	19.6
26	16.5	10.7	13.3	15.7	9.2	12.0	19.9	12.3	15.6	22.4	17.5	19.4
27	14.4	9.3	12.1	14.4	6.8	10.3	21.1	12.7	16.6	22.9	16.7	19.6
28	13.1	11.0	12.2	14.8	6.6	10.4	23.2	15.0	18.7	20.0	16.8	18.6
29	---	---	---	11.5	8.5	9.4	19.8	16.6	17.9	22.8	18.2	20.0
30	---	---	---	15.2	8.8	11.4	21.7	14.7	17.9	23.2	18.0	20.3
31	---	---	---	15.6	10.3	12.9	---	---	---	22.8	19.0	20.8
MONTH	16.5	4.5	9.7	18.9	4.7	11.2	25.2	8.2	17.1	26.7	15.9	20.3





SANTEE RIVER BASIN

0214642825 BRIAR CREEK NEAR CHARLOTTE, NC--Continued

OXYGEN DISSOLVED (% OF SATURATION), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	90	63	74	68	46	54	77	63	69	91	82	86
2	90	63	75	76	47	62	74	68	71	94	82	87
3	89	63	76	89	60	72	79	70	74	96	82	88
4	88	61	73	82	67	74	---	---	---	95	85	89
5	83	59	71	72	56	64	---	---	---	95	82	88
6	76	60	69	69	49	57	83	74	79	95	77	85
7	87	61	72	56	48	51	86	76	80	98	77	86
8	77	66	70	62	44	51	83	72	78	96	69	81
9	91	68	80	65	43	54	83	71	77	89	64	75
10	94	73	82	57	39	48	81	71	75	94	72	81
11	93	77	84	52	32	39	78	69	74	98	73	85
12	97	78	86	55	39	45	80	70	75	93	74	80
13	101	72	84	64	47	55	---	---	---	96	68	81
14	102	70	82	---	---	---	84	72	78	101	71	83
15	94	68	80	56	42	47	78	68	73	106	68	85
16	99	66	80	58	47	51	77	67	74	101	66	83
17	99	64	80	72	58	65	77	62	71	110	69	87
18	93	66	80	64	53	58	84	63	72	104	72	81
19	87	60	74	---	---	---	78	66	72	87	69	76
20	81	59	69	---	---	---	87	70	80	78	67	75
21	81	60	70	82	67	74	---	---	---	92	69	78
22	79	60	69	81	68	74	---	---	---	92	66	78
23	80	56	65	84	71	76	89	77	82	96	69	80
24	63	45	53	77	68	72	87	79	83	97	71	82
25	59	45	51	80	67	73	87	75	80	95	67	81
26	71	45	54	74	65	70	85	79	82	100	74	85
27	66	50	55	74	62	67	83	74	76	102	74	87
28	55	34	47	77	62	67	80	72	76	104	73	87
29	45	24	32	76	63	68	85	71	77	109	77	92
30	47	24	34	74	60	66	87	74	80	---	---	---
31	60	38	48	---	---	---	90	80	84	---	---	---
MONTH	102	24	68	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	113	60	85	128	71	93	102	72	83	---	---	---
2	116	66	89	129	64	91	113	73	89	---	---	---
3	113	70	91	83	59	69	104	73	83	132	33	76
4	116	74	94	81	70	75	121	70	91	134	34	76
5	114	69	93	89	67	75	134	73	97	134	35	78
6	113	69	91	90	66	76	148	72	101	110	36	72
7	119	71	93	98	69	81	131	67	93	130	49	84
8	117	69	92	105	70	84	153	62	94	---	---	---
9	119	68	93	117	71	89	152	61	95	---	---	---
10	---	---	---	122	72	92	149	61	94	147	33	81
11	---	---	---	132	74	98	145	62	92	148	34	83
12	---	---	---	125	76	89	151	53	91	139	32	80
13	118	72	90	109	72	87	75	47	59	147	38	82
14	105	74	86	126	70	92	84	47	61	147	42	85
15	111	64	82	83	67	78	72	45	54	130	43	80
16	109	54	79	85	70	76	90	48	63	136	30	76
17	83	58	76	102	66	80	---	---	---	86	25	52
18	91	73	80	103	64	80	---	---	---	133	38	75
19	---	---	---	105	65	81	119	61	82	120	31	69
20	---	---	---	87	67	75	121	59	84	100	30	62
21	---	---	---	91	83	87	128	56	82	72	39	57
22	---	---	---	98	75	86	124	50	78	---	---	---
23	93	68	78	106	75	86	126	48	77	64	38	51
24	103	68	84	111	73	87	126	47	74	75	30	51
25	87	70	80	118	71	88	---	---	---	67	42	54
26	---	---	---	124	71	91	---	---	---	75	49	65
27	---	---	---	126	70	92	107	46	69	70	46	56
28	---	---	---	132	71	94	116	43	71	80	41	63
29	---	---	---	88	69	80	113	42	73	81	50	68
30	---	---	---	90	79	85	132	52	84	68	45	54
31	---	---	---	97	74	84	---	---	---	68	34	51
MONTH	---	---	---	132	59	85	---	---	---	---	---	---



