



ASHLEY RIVER BASIN

02172076 GREAT CYRPRESS SWAMP NEAR RIDGEVILLE, SC--Continued

Temperature, water, degrees Celsius  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.1	7.5	8.5	10.5	9.7	10.0	13.6	10.6	12.3	20.2	19.5	19.9
2	10.1	6.9	8.5	13.8	10.5	12.2	15.9	12.7	14.4	21.1	18.8	20.1
3	11.2	8.1	9.6	13.6	11.7	12.8	17.7	14.8	16.3	21.1	19.9	20.5
4	13.8	10.6	12.0	13.1	12.1	12.7	18.3	16.2	17.4	21.3	19.6	20.5
5	12.0	9.5	10.7	14.8	12.7	13.7	20.2	17.7	18.9	21.1	19.8	20.6
6	10.1	8.7	9.2	15.7	14.7	15.2	19.5	18.6	19.0	23.1	21.1	21.9
7	8.7	7.8	8.1	15.5	12.8	14.5	19.3	17.4	18.5	22.9	21.1	22.1
8	9.4	6.9	8.0	14.8	11.6	13.2	17.4	14.3	15.6	24.5	22.3	23.4
9	9.4	7.1	8.1	15.0	13.6	14.2	14.3	12.8	13.6	24.9	23.1	24.1
10	10.2	8.4	9.1	16.3	13.2	14.7	12.8	11.8	12.1	25.2	23.5	24.4
11	9.8	7.2	8.5	16.9	13.8	15.4	11.8	11.2	11.5	24.8	23.8	24.4
12	10.4	7.4	8.8	18.0	14.5	16.4	13.0	11.1	12.0	24.4	22.1	23.3
13	10.0	7.3	8.8	17.7	16.3	17.1	14.5	12.1	13.3	22.1	19.7	20.8
14	8.9	7.2	8.2	17.2	14.9	16.2	16.1	13.9	14.9	20.5	18.9	19.8
15	12.7	8.3	10.4	14.9	12.6	13.4	17.2	15.4	16.3	19.9	18.9	19.5
16	12.6	9.9	11.7	14.6	12.3	13.3	17.8	16.1	17.0	21.2	19.2	20.2
17	9.9	7.4	8.3	14.7	13.9	14.3	17.9	16.5	17.3	21.8	20.6	21.1
18	8.4	6.7	7.4	16.3	14.5	15.4	18.9	17.6	18.2	21.9	20.8	21.2
19	9.0	5.8	7.6	17.7	15.7	16.7	18.8	18.2	18.5	21.3	18.9	20.0
20	10.7	8.3	9.5	19.1	17.3	18.0	18.7	17.4	18.1	20.0	18.1	19.1
21	12.8	10.6	11.6	20.0	18.5	19.1	19.1	17.3	18.3	19.9	18.6	19.4
22	15.3	12.8	14.2	19.9	18.1	19.0	20.7	18.8	19.6	19.9	19.1	19.6
23	15.3	13.1	14.3	19.0	17.7	18.3	19.3	17.1	18.0	19.8	19.2	19.5
24	14.0	10.7	12.4	19.0	17.0	18.1	17.4	15.2	16.5	20.5	18.7	19.7
25	---	---	---	18.8	16.3	17.6	16.9	16.2	16.4	21.3	19.6	20.5
26	---	---	---	19.2	16.9	18.1	18.0	16.0	16.9	21.6	20.9	21.3
27	---	---	---	18.7	17.9	18.3	18.5	16.6	17.7	21.7	21.1	21.4
28	10.4	8.1	9.2	18.8	17.2	18.0	18.8	17.3	18.2	21.4	20.0	20.8
29	---	---	---	21.1	18.4	19.7	19.4	17.6	18.5	21.5	20.1	20.9
30	---	---	---	---	---	---	20.3	18.4	19.4	21.1	19.5	20.5
31	---	---	---	14.7	12.3	13.3	---	---	---	22.3	19.4	20.9
MONTH	---	---	---	---	---	---	20.7	10.6	16.5	25.2	18.1	21.0

Temperature, water, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	22.8	21.2	22.0	24.4	23.6	24.0	25.6	25.0	25.3	26.2	24.8	25.4
2	22.1	19.5	20.8	24.5	23.5	23.9	25.5	24.5	25.0	25.4	24.3	24.9
3	21.4	19.7	20.6	25.3	23.8	24.5	25.3	24.6	24.9	24.8	24.0	24.5
4	21.9	20.5	21.2	25.6	24.4	25.0	25.6	24.6	25.0	25.7	23.7	24.8
5	23.8	21.7	22.6	25.2	24.2	24.7	25.1	24.2	24.7	25.3	23.5	24.1
6	23.3	22.6	23.0	24.9	24.4	24.6	25.6	24.5	24.9	24.4	22.6	23.3
7	23.6	22.8	23.2	24.6	23.9	24.3	25.3	24.5	24.9	22.6	21.8	22.1
8	24.1	23.1	23.6	25.4	24.1	24.7	25.2	24.5	24.9	21.8	21.3	21.5
9	24.8	23.5	24.1	26.4	25.1	25.7	25.5	24.7	25.1	21.8	21.3	21.5
10	24.9	23.8	24.3	26.6	25.5	25.9	25.5	24.8	25.2	21.6	21.3	21.4
11	25.0	24.0	24.5	26.3	25.1	25.6	24.8	24.0	24.4	21.4	20.9	21.1
12	25.1	24.4	24.7	26.1	25.2	25.6	24.4	23.6	24.0	21.1	20.6	20.8
13	24.6	23.9	24.2	25.5	24.7	24.9	24.8	23.8	24.3	21.6	20.2	20.9
14	24.6	23.3	24.0	24.7	24.0	24.3	25.2	24.2	24.7	22.1	20.8	21.5
15	25.3	23.9	24.6	24.3	23.6	24.0	25.8	24.7	25.2	22.7	21.2	22.0
16	25.8	24.3	25.0	25.3	23.9	24.6	25.7	24.7	25.2	23.3	21.9	22.6
17	24.3	23.6	23.9	26.1	24.8	25.3	25.1	24.0	24.6	22.7	21.5	22.2
18	23.9	23.4	23.5	25.1	24.5	24.8	25.6	24.6	25.0	22.2	21.0	21.7
19	23.7	23.1	23.4	25.2	24.1	24.6	25.1	24.2	24.7	22.6	20.9	21.8
20	24.2	23.5	23.8	25.0	23.4	24.2	25.5	24.4	24.9	22.9	20.9	21.9
21	23.9	23.2	23.5	25.1	24.1	24.6	25.5	24.8	25.2	23.2	21.3	22.3
22	23.2	22.1	22.6	25.4	24.4	24.8	25.3	24.2	24.8	23.8	22.0	23.0
23	23.0	21.8	22.4	24.4	23.8	24.1	25.5	24.4	25.0	24.5	23.2	23.8
24	23.3	22.0	22.6	23.8	23.4	23.6	25.8	24.9	25.4	23.5	21.7	22.6
25	23.7	22.3	23.0	23.8	23.3	23.6	25.5	24.7	25.1	22.8	20.5	21.7
26	24.1	22.6	23.4	23.9	23.2	23.5	25.8	24.5	25.2	22.6	20.9	21.7
27	24.6	23.3	24.0	23.8	23.3	23.6	26.2	25.0	25.6	22.8	21.5	22.2
28	24.6	23.6	24.2	24.1	23.5	23.8	26.5	25.2	25.9	23.6	21.5	22.4
29	24.5	23.7	24.1	25.0	23.8	24.4	26.6	25.3	26.0	21.5	18.3	19.9
30	24.5	23.2	23.9	25.6	24.4	25.0	26.4	25.1	25.8	18.7	16.5	17.6
31	---	---	---	25.9	25.0	25.4	26.1	24.9	25.6	---	---	---
MONTH	25.8	19.5	23.4	26.6	23.2	24.6	26.6	23.6	25.0	26.2	16.5	22.2

ASHLEY RIVER BASIN

02172076 GREAT CYRPRESS SWAMP NEAR RIDGEVILLE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	1.3	1.1	1.2	2.2	1.6	1.9	---	---	---	7.8	6.1	7.1
2	1.5	1.1	1.3	3.0	1.6	2.5	---	---	---	6.2	6.0	6.1
3	---	---	---	3.3	3.0	3.2	---	---	---	6.5	6.1	6.3
4	---	---	---	3.7	3.2	3.4	7.4	6.8	7.1	7.6	6.5	7.2
5	---	---	---	4.4	3.1	3.4	8.2	7.4	7.8	8.2	7.6	8.0
6	---	---	---	4.7	3.1	3.7	7.7	7.3	7.5	---	---	---
7	---	---	---	4.4	3.4	3.9	8.0	7.5	7.8	---	---	---
8	3.0	0.8	1.2	4.5	3.7	4.2	8.4	8.0	8.2	---	---	---
9	1.8	0.9	1.5	4.7	4.4	4.6	8.3	7.8	8.1	8.4	7.4	8.1
10	3.6	1.4	2.0	5.2	4.1	4.5	8.5	7.8	8.1	7.4	6.6	7.0
11	3.5	2.5	2.9	4.1	3.1	3.6	7.8	6.9	7.4	7.4	6.6	7.0
12	2.8	2.1	2.5	3.4	2.5	2.9	7.1	6.8	6.9	8.6	7.3	8.1
13	2.6	2.1	2.4	3.6	2.8	3.1	8.1	6.4	7.3	9.3	8.6	8.9
14	2.8	2.4	2.6	4.1	3.0	3.5	6.4	6.0	6.2	9.7	8.9	9.2
15	3.4	2.8	3.3	4.7	4.0	4.4	7.4	6.3	7.0	9.7	9.1	9.4
16	3.5	3.3	3.4	5.7	4.5	4.9	8.4	7.4	7.7	10.3	9.3	9.8
17	3.7	3.4	3.5	5.1	4.4	4.7	7.8	7.3	7.6	9.3	8.5	8.9
18	4.0	3.6	3.8	5.6	4.8	5.2	7.4	7.0	7.3	10.0	8.7	9.5
19	4.3	4.0	4.2	6.5	5.6	6.2	7.1	6.3	6.8	10.8	9.8	10.3
20	4.2	3.7	4.1	6.7	6.4	6.6	6.3	5.2	5.7	10.9	9.7	10.4
21	3.8	3.4	3.6	6.9	6.2	6.3	6.0	5.2	5.7	9.7	7.9	9.1
22	4.4	3.4	3.9	6.2	5.5	5.9	6.8	6.0	6.5	8.3	7.6	7.9
23	4.0	3.7	3.8	6.2	5.5	5.9	6.9	6.5	6.7	9.3	7.8	8.5
24	3.9	3.6	3.8	6.7	6.1	6.4	8.2	6.6	7.1	11.1	9.3	10.5
25	3.7	3.3	3.5	6.7	6.2	6.4	6.6	5.6	5.8	11.9	10.9	11.4
26	3.4	3.2	3.3	6.2	5.7	6.0	7.5	6.0	6.9	11.4	10.1	10.8
27	3.2	2.9	3.1	5.9	5.5	5.7	8.7	7.5	8.3	11.0	10.0	10.3
28	---	---	---	6.2	5.5	5.8	9.0	8.7	8.9	11.2	10.1	10.5
29	2.6	1.6	2.0	7.4	6.2	6.9	9.3	8.9	9.1	10.6	8.8	10.0
30	1.7	1.3	1.5	---	---	---	9.2	8.8	9.1	8.9	7.4	8.3
31	1.7	1.3	1.6	---	---	---	8.8	7.8	8.4	8.2	7.2	7.5
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.7	7.2	7.7	7.5	6.8	7.1	6.1	4.9	5.6	3.6	3.2	3.4
2	8.8	7.1	7.7	7.2	5.5	6.5	5.8	5.0	5.4	3.4	2.8	3.2
3	8.7	6.6	7.5	6.2	5.5	5.9	5.1	4.2	4.7	3.6	2.7	2.8
4	7.9	5.5	6.6	6.3	5.7	6.1	4.5	3.6	4.1	2.9	2.6	2.7
5	8.0	5.5	6.5	6.2	5.5	5.9	4.0	2.9	3.5	2.9	2.4	2.7
6	8.1	6.2	7.0	5.5	5.0	5.3	3.3	2.6	2.9	3.2	2.3	2.6
7	8.2	7.1	7.5	5.5	4.9	5.2	3.1	2.3	2.7	3.0	2.5	2.7
8	9.0	7.1	7.8	7.3	5.3	5.7	4.5	2.5	3.4	2.6	2.3	2.4
9	9.4	7.7	8.3	5.8	5.4	5.6	6.1	4.4	5.2	2.8	2.3	2.5
10	9.1	7.7	8.1	6.1	5.4	5.7	7.0	6.1	6.7	2.9	2.4	2.6
11	9.5	7.7	8.4	6.3	5.4	5.9	7.4	6.8	7.3	2.7	2.4	2.5
12	9.6	8.0	8.6	6.1	5.0	5.6	8.7	7.1	7.4	2.6	2.3	2.4
13	9.7	7.9	8.6	5.5	4.7	5.1	7.6	6.6	7.0	3.1	2.5	2.8
14	9.6	8.0	8.6	5.2	4.6	4.9	7.0	5.7	6.4	3.1	2.8	2.9
15	9.7	7.0	8.4	6.1	5.0	5.6	6.0	5.4	5.7	3.4	2.7	3.0
16	7.6	6.3	6.8	7.6	5.9	6.3	5.4	4.9	5.2	3.0	2.6	2.8
17	8.4	6.8	7.5	6.3	5.7	6.0	6.3	4.6	4.9	2.7	2.4	2.5
18	9.8	7.8	8.6	6.1	5.3	5.6	4.6	4.1	4.4	3.9	2.3	2.5
19	10.3	8.6	9.2	5.8	4.9	5.3	4.1	3.8	4.0	5.9	3.3	4.5
20	9.7	7.9	8.6	6.4	4.0	5.0	4.1	3.8	4.0	5.7	4.5	5.2
21	8.8	6.8	7.6	4.2	3.8	4.0	4.0	3.5	3.8	5.0	4.2	4.5
22	7.2	5.3	6.2	4.7	4.1	4.3	3.5	2.8	3.2	4.7	4.2	4.4
23	6.5	4.6	5.4	4.2	4.0	4.1	3.4	2.8	3.1	5.4	4.7	5.1
24	---	---	---	4.5	4.1	4.3	4.3	3.3	3.8	5.1	4.5	4.9
25	---	---	---	4.7	4.3	4.5	5.1	3.7	4.2	5.1	4.5	4.7
26	---	---	---	4.7	3.5	4.2	4.3	3.9	4.1	4.7	4.5	4.6
27	---	---	---	3.8	3.3	3.5	4.4	4.0	4.2	4.6	4.3	4.4
28	8.0	6.8	7.2	3.7	3.2	3.5	4.6	4.1	4.5	4.5	4.2	4.4
29	---	---	---	3.4	2.6	3.1	4.6	4.2	4.4	4.3	3.9	4.1
30	---	---	---	---	---	---	4.2	3.6	4.0	4.3	3.8	4.0
31	---	---	---	5.6	3.2	4.4	---	---	---	4.3	3.4	3.8
MONTH	---	---	---	---	---	---	8.7	2.3	4.7	5.9	2.3	3.5

## ASHLEY RIVER BASIN

02172076 GREAT CYRPRESS SWAMP NEAR RIDGEVILLE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.4	2.7	3.0	3.2	2.9	3.0	3.2	3.0	3.0	1.1	0.8	1.0
2	3.3	2.8	3.1	3.6	3.2	3.3	3.4	3.1	3.2	1.8	0.9	1.4
3	4.3	2.9	3.3	3.8	3.2	3.3	3.4	3.1	3.3	3.3	1.4	1.9
4	3.8	2.3	3.2	4.0	3.3	3.5	3.1	2.8	3.0	2.2	1.5	1.7
5	3.7	2.2	2.4	3.5	3.3	3.4	3.0	2.8	3.0	5.9	2.1	4.6
6	2.9	2.4	2.7	4.5	3.1	3.9	3.7	2.6	2.9	4.6	3.2	4.2
7	4.1	2.5	2.8	4.5	3.9	4.2	3.6	2.8	3.0	4.7	4.3	4.5
8	4.1	2.5	3.4	4.0	3.5	3.7	3.2	2.9	3.1	6.6	4.6	5.7
9	3.8	2.3	2.5	3.5	3.0	3.2	3.2	2.7	2.9	6.2	5.4	5.9
10	3.8	2.6	2.8	3.6	2.9	3.2	3.1	2.7	2.8	5.7	5.0	5.3
11	3.2	2.6	2.9	3.4	2.9	3.1	3.9	3.1	3.6	5.1	4.2	4.7
12	2.8	2.2	2.5	3.4	3.1	3.2	3.8	2.6	3.1	4.6	3.6	4.4
13	2.7	2.1	2.3	3.5	3.2	3.3	2.8	2.0	2.5	4.7	3.5	4.2
14	2.3	1.9	2.1	3.8	3.3	3.5	2.7	2.3	2.4	4.3	3.4	3.9
15	2.0	1.7	1.9	3.3	3.0	3.2	2.8	2.1	2.5	3.9	2.9	3.4
16	3.3	1.7	2.2	3.2	2.9	3.1	3.3	2.1	2.5	3.3	2.5	2.9
17	4.2	2.6	2.9	3.1	2.5	2.8	2.5	1.9	2.2	3.0	1.9	2.7
18	5.0	3.8	4.6	3.7	2.3	2.6	2.5	1.9	2.2	3.0	2.8	2.9
19	5.1	4.4	4.7	3.7	2.5	2.9	2.6	2.2	2.5	2.9	2.5	2.7
20	4.5	4.3	4.4	2.9	2.4	2.5	2.5	2.0	2.2	2.8	2.3	2.5
21	4.4	4.2	4.3	2.8	2.5	2.7	2.3	2.0	2.2	2.4	2.1	2.2
22	4.8	4.3	4.6	3.2	2.5	2.8	3.5	2.2	2.7	2.5	1.6	1.9
23	4.7	4.4	4.6	3.5	2.9	3.1	4.0	3.1	3.6	1.7	1.1	1.4
24	4.5	4.2	4.3	3.7	3.2	3.4	3.1	2.7	2.9	1.6	1.2	1.3
25	4.2	4.0	4.1	3.7	3.4	3.6	3.4	2.8	3.0	1.6	1.4	1.5
26	4.2	3.6	3.8	4.0	3.6	3.7	3.5	2.4	2.9	1.7	1.3	1.5
27	3.6	3.3	3.5	4.1	3.7	4.0	3.4	2.8	3.0	1.7	1.4	1.5
28	3.3	3.1	3.2	4.2	3.7	3.9	3.4	2.0	2.5	1.6	1.3	1.5
29	3.3	3.0	3.1	4.1	3.5	3.9	2.0	1.8	1.9	2.1	1.4	1.8
30	3.2	3.0	3.1	3.9	3.4	3.6	2.0	1.4	1.9	2.8	2.1	2.4
31	---	---	---	3.4	3.0	3.2	1.4	0.7	1.1	---	---	---
MONTH	5.1	1.7	3.3	4.5	2.3	3.3	4.0	0.7	2.7	6.6	0.8	2.9