

021473428 WILDCAT CREEK BELOW ROCKHILL, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 1998-September 1999 (discontinued).

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: August 1998-September 1999 (discontinued).

DISSOLVED OXYGEN: August 1998-September 1999 (discontinued).

INSTRUMENTATION.--Hydrolab and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 28.0°C, Aug. 14, 1999; minimum, 0.5°C, Jan. 6, 1999.

DISSOLVED OXYGEN: Maximum, 12.1 mg/L, Feb. 15, 1999; minimum, 3.2 mg/L, Aug. 15, 20, 1999.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 28.0°C, Aug. 14; minimum, 0.5°C, Jan. 6.

DISSOLVED OXYGEN: Maximum, 12.1 mg/L, Feb. 15; minimum, 3.2 mg/L, Aug. 15, 20.

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

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.5	21.5	22.0	---	---	---	11.5	10.0	11.0	5.0	4.0	4.5
2	22.0	19.0	20.5	---	---	---	11.0	9.0	10.0	5.0	4.0	4.5
3	19.0	17.5	18.5	15.0	14.5	15.0	11.0	9.0	10.0	5.0	3.5	4.5
4	20.0	19.0	19.5	14.5	13.0	13.5	11.0	10.0	10.5	5.0	3.0	4.0
5	21.0	20.0	20.5	13.0	12.0	12.0	12.0	10.0	11.0	3.0	1.5	2.0
6	20.5	20.0	20.5	12.0	10.5	11.0	13.0	11.5	12.5	2.0	0.5	1.5
7	22.0	20.0	20.5	10.5	8.5	9.5	13.5	12.5	13.0	4.0	2.0	3.0
8	22.0	21.0	21.5	9.5	8.0	9.0	15.0	13.5	14.0	5.5	4.0	4.5
9	21.0	19.0	19.5	11.0	9.5	10.5	15.0	13.0	14.5	7.0	5.5	6.0
10	19.0	17.0	18.0	14.0	11.0	12.0	13.0	10.5	11.0	7.0	4.5	5.5
11	17.5	16.5	17.0	15.0	13.5	14.5	10.5	10.0	10.5	4.5	3.0	4.0
12	17.5	16.0	17.0	13.5	11.5	12.5	10.0	9.5	10.0	6.0	4.0	5.0
13	17.5	16.5	17.0	11.5	11.0	11.0	9.5	9.0	9.5	6.5	4.5	5.5
14	17.5	16.5	17.0	12.0	11.0	11.5	9.5	8.5	9.5	9.0	6.5	7.5
15	17.0	15.5	16.0	13.0	12.0	12.5	8.5	6.5	7.0	11.0	9.0	10.0
16	16.0	14.5	15.5	14.0	12.0	12.5	8.0	7.0	7.5	9.0	6.5	7.5
17	15.5	14.5	15.5	14.5	13.5	14.0	7.5	6.0	6.5	9.0	5.5	6.5
18	15.5	14.0	15.0	14.0	12.5	13.0	6.0	4.5	5.5	10.5	8.5	9.5
19	17.0	15.0	16.0	13.0	11.0	12.0	7.5	5.0	6.0	10.0	7.5	8.5
20	17.5	16.5	17.0	14.5	13.0	13.5	9.0	7.0	8.0	9.5	7.0	8.0
21	16.5	14.5	15.5	14.5	11.5	13.0	10.5	9.0	10.0	9.5	8.5	9.0
22	14.5	12.5	13.5	11.5	9.5	10.5	13.0	10.5	12.0	11.5	9.5	10.5
23	12.5	11.0	11.5	10.5	8.0	9.5	12.0	6.5	9.0	14.5	11.5	13.0
24	11.5	10.0	11.0	12.5	10.5	11.5	---	---	---	14.0	12.5	13.5
25	12.0	10.5	11.5	12.5	11.5	11.5	6.5	6.0	6.0	12.5	9.5	10.5
26	12.5	11.0	12.0	12.0	11.0	11.5	6.0	5.5	5.5	10.5	9.0	9.5
27	13.0	11.5	12.5	11.0	9.0	10.0	5.5	4.0	5.0	10.0	8.0	9.0
28	13.5	12.0	13.0	10.5	8.5	9.5	6.5	5.0	5.5	11.5	9.0	10.0
29	14.0	13.0	13.5	10.0	8.5	9.5	7.5	6.5	7.0	12.0	10.0	11.0
30	---	---	---	11.0	9.0	10.0	7.5	6.0	7.0	12.0	11.5	11.5
31	---	---	---	---	---	---	6.0	5.0	5.5	11.5	8.0	9.5
MONTH	22.5	10.0	16.5	15.0	8.0	11.6	15.0	4.0	9.0	14.5	0.5	7.4

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	5.5	5.1	5.3	---	---	---	---	---	---	---	---	---
2	6.2	5.1	5.8	---	---	---	---	---	---	---	---	---
3	7.0	6.1	6.7	---	---	---	---	---	---	---	---	---
4	6.5	5.1	6.1	---	---	---	---	---	---	---	---	---
5	5.5	5.1	5.3	---	---	---	---	---	---	---	---	---
6	5.8	5.3	5.6	---	---	---	---	---	---	---	---	---
7	5.8	4.8	5.6	---	---	---	---	---	---	---	---	---
8	5.7	4.8	5.3	---	---	---	---	---	---	---	---	---
9	6.2	5.4	5.9	---	---	---	---	---	---	---	---	---
10	6.9	6.2	6.6	---	---	---	---	---	---	---	---	---
11	7.2	6.6	6.9	---	---	---	---	---	---	---	---	---
12	7.3	6.7	7.0	---	---	---	---	---	---	---	---	---
13	7.2	6.4	6.9	---	---	---	---	---	---	---	---	---
14	7.0	6.4	6.7	---	---	---	---	---	---	---	---	---
15	8.5	6.7	7.8	---	---	---	---	---	---	---	---	---
16	8.8	8.1	8.5	---	---	---	---	---	---	---	---	---
17	8.9	8.3	8.6	---	---	---	---	---	---	---	---	---
18	9.1	8.2	8.6	---	---	---	---	---	---	---	---	---
19	8.6	7.3	8.2	---	---	---	---	---	---	---	---	---
20	7.3	6.9	7.1	---	---	---	---	---	---	---	---	---
21	8.5	7.1	7.9	---	---	---	---	---	---	---	---	---
22	9.6	8.5	9.0	---	---	---	---	---	---	---	---	---
23	10.8	9.2	10.2	---	---	---	---	---	---	---	---	---
24	11.6	10.6	11.1	---	---	---	---	---	---	---	---	---
25	11.5	10.2	10.9	---	---	---	---	---	---	---	---	---
26	10.8	9.6	10.2	---	---	---	---	---	---	---	---	---
27	10.3	9.1	9.6	---	---	---	---	---	---	---	---	---
28	9.8	8.3	9.1	---	---	---	---	---	---	---	---	---
29	8.8	7.8	8.2	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	11.6	4.8	7.6	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	9.3	8.3	8.9	9.4	7.3	8.1	8.5	8.1	8.3
2	---	---	---	9.7	8.9	9.3	9.8	6.9	8.1	8.2	7.6	8.0
3	---	---	---	9.2	8.9	9.0	9.9	6.7	7.8	8.1	7.4	7.8
4	---	---	---	10.1	9.0	9.7	9.8	6.2	7.6	7.6	7.0	7.4
5	---	---	---	10.7	9.8	10.3	9.7	6.1	7.4	7.4	7.0	7.2
6	---	---	---	10.2	9.1	9.8	8.4	6.3	7.2	7.2	6.8	7.0
7	---	---	---	10.1	9.1	9.6	9.7	6.4	7.7	7.0	6.4	6.8
8	---	---	---	11.2	9.6	10.4	9.2	6.1	7.2	6.5	6.2	6.4
9	---	---	---	10.9	10.2	10.6	8.3	5.7	6.8	6.6	6.1	6.4
10	---	---	---	10.9	10.1	10.7	8.0	5.6	6.5	6.4	6.1	6.2
11	10.1	9.5	9.8	11.1	10.2	10.6	7.3	5.4	6.1	6.5	6.0	6.2
12	9.6	9.3	9.5	11.3	10.3	10.8	7.4	5.4	6.3	6.4	6.0	6.1
13	10.8	9.6	10.4	11.6	10.4	10.9	7.9	6.0	6.9	6.4	6.0	6.2
14	11.8	10.8	11.4	11.4	10.8	11.0	8.0	6.6	7.3	6.4	5.9	6.2
15	12.1	11.3	11.7	11.2	10.7	11.0	7.4	6.8	7.1	6.5	5.7	6.2
16	11.9	11.0	11.4	11.7	10.6	11.1	7.5	6.8	7.1	6.7	6.2	6.4
17	11.4	10.5	11.0	11.4	9.4	10.6	7.8	6.9	7.4	6.6	6.0	6.3
18	10.5	9.8	10.0	10.7	8.8	9.7	8.2	7.2	7.7	6.6	6.0	6.3
19	10.7	9.8	10.2	10.7	8.8	9.5	8.4	7.4	7.8	6.1	5.4	5.8
20	10.2	8.9	9.7	10.9	8.8	9.6	8.0	7.0	7.5	6.2	5.7	6.0
21	9.4	8.8	9.1	8.8	8.6	8.7	7.6	6.9	7.2	6.3	5.8	6.1
22	10.2	9.4	9.9	10.1	8.6	9.3	7.4	6.6	7.0	6.3	5.9	6.1
23	10.7	9.8	10.4	10.5	8.6	9.5	7.2	6.3	6.8	6.2	5.7	5.9
24	10.7	10.0	10.4	10.2	8.3	9.1	6.8	6.3	6.5	6.3	5.5	5.7
25	10.5	9.9	10.2	10.2	8.2	8.9	7.1	6.6	6.8	6.7	5.6	6.2
26	10.6	9.8	10.2	9.9	8.2	8.9	7.2	6.8	7.0	6.4	5.9	6.2
27	10.0	9.0	9.7	10.9	8.8	9.6	7.3	6.3	6.8	7.0	6.2	6.5
28	9.1	8.3	8.8	11.1	8.5	9.6	7.2	6.2	6.7	7.1	6.3	6.7
29	---	---	---	11.0	8.4	9.4	8.0	7.2	7.5	7.3	6.4	6.8
30	---	---	---	11.4	8.4	9.6	8.8	8.0	8.6	7.3	6.3	6.7
31	---	---	---	10.3	8.2	9.0	---	---	---	7.3	6.3	6.7
MONTH	12.1	8.3	10.2	11.7	8.2	9.8	9.9	5.4	7.2	8.5	5.4	6.5

