

02077200 HYCO CREEK NEAR LEASBURG, NC—Continued

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1964 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: May 1964 to current year.

INSTRUMENTATION.--Water-temperature recorder since May 1964.

REMARKS.--Miscellaneous water-quality data published for water years, 1959, 1965-67; 1959 data published as "North Hyco Creek near Leasburg" (station 02077202). Prior to Oct. 1967, daily water-temperature data published as "North Hyco Creek near Leasburg". Interruptions in the record due to malfunctions of the instrument.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum recorded, 31.3°C, July 17, 1996; minimum recorded, 0.0°C, many days during winter months in most years.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum recorded, 28.5°C, June 18; minimum recorded, 0.0°C, several days in January and February.

TEMPERATURE, WATER, DEGREES CELSIUS  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	16.4	14.3	15.4	15.1	12.4	13.9	7.5	5.4	6.6	5.6	3.2	4.6
2	16.0	14.5	15.3	15.7	13.2	14.6	6.9	5.0	5.8	7.2	5.0	6.1
3	14.6	11.7	13.1	15.8	13.3	14.7	5.1	3.8	4.2	8.9	6.0	7.4
4	15.1	11.9	13.4	17.0	13.9	15.5	4.2	3.3	3.7	11.2	8.8	9.9
5	16.1	13.8	15.0	18.4	16.4	17.4	4.6	3.5	4.0	12.8	11.1	12.0
6	16.9	14.4	15.6	19.6	17.6	18.6	5.7	4.4	4.9	12.2	7.4	9.8
7	18.1	16.1	17.0	19.3	18.2	18.8	4.7	3.0	4.0	7.4	3.4	4.8
8	17.5	16.2	16.8	18.2	14.9	16.8	4.0	2.1	3.3	3.4	1.6	2.5
9	18.2	17.1	17.6	14.9	10.8	12.6	5.0	2.4	3.8	3.0	2.2	2.6
10	18.1	17.1	17.7	10.8	8.7	9.9	8.7	4.7	5.7	2.5	1.0	2.0
11	17.9	17.4	17.6	11.0	8.6	10	8.7	7.8	8.1	1.0	0.0	0.2
12	19.7	17.3	18.4	14.8	11.0	12.7	7.8	5.6	6.3	2.7	0.1	1.4
13	19.5	17.5	18.6	14.8	10.4	13.1	---	---	---	4.3	1.6	3.0
14	19.2	18.5	18.9	10.4	7.8	8.6	---	---	---	4.0	2.1	3.3
15	18.7	16.1	17.2	---	---	---	5.5	4.1	4.7	4.8	3.2	3.9
16	16.1	13.5	14.9	---	---	---	6.4	4.5	5.2	3.9	2.1	2.8
17	16.0	13.3	14.7	13.0	10.2	11.4	7.6	6.4	7.0	3.8	1.1	2.4
18	16.4	14.8	15.5	14.3	12.7	13.5	---	---	---	5.2	3.8	4.5
19	15.2	12.6	14.1	15.8	14.3	15.2	5.4	4.7	5.0	5.0	3.1	3.9
20	15.5	12.9	14.3	14.8	12.1	13.3	4.7	3.2	4.2	3.1	0.8	1.8
21	16.4	13.9	15.2	12.2	9.7	11.2	3.3	2.0	2.8	1.5	0.0	1.0
22	16.4	14.8	15.7	11.5	9.4	10.7	4.2	2.3	3.2	3.2	0.2	1.7
23	14.8	12.0	12.9	11.5	9.3	10.6	6.5	3.4	4.6	3.0	1.4	2.2
24	12.2	9.8	11.1	12.2	9.6	11.0	8.9	6.5	7.8	4.0	1.4	2.7
25	12.4	10.3	11.4	11.4	8.1	9.5	7.5	4.6	6.0	3.7	0.1	1.5
26	14.3	12.4	13.4	8.1	6.3	7.4	4.6	2.9	3.7	0.1	0.0	0.1
27	15.7	14.3	15.0	9.5	6.9	8.1	4.2	1.9	3.1	0.2	0.1	0.1
28	15.2	12.7	13.9	12.4	9.5	11.1	4.4	2.1	3.3	0.3	0.0	0.1
29	14.2	12.2	13.1	10.7	7.1	8.5	5.7	2.6	4.1	0.5	0.0	0.2
30	13.8	11.3	12.6	7.3	5.2	6.4	7.9	5.7	6.8	2.0	0.1	0.9
31	14.5	11.4	13.1	---	---	---	6.4	4.2	5.3	1.9	0.0	1.0
MONTH	19.7	9.8	15.1	---	---	---	---	---	---	12.8	0.0	3.2

## ROANOKE RIVER BASIN

02077200 HYCO CREEK NEAR LEASBURG, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	1.5	0.0	0.8	9.4	5.5	7.3	13.4	10.8	12.2	19.5	18.2	18.9
2	2.5	0.0	1.1	11.5	8.8	10.3	12.7	10.9	11.8	21.6	19.0	20.1
3	3.4	1.2	2.5	14.3	10.5	12.3	12.2	9.3	10.8	20.4	15.6	17.9
4	3.9	1.8	2.8	16.8	12.5	14.6	13.4	10.2	11.6	16.6	13.1	14.9
5	3.9	2.5	3.2	16.9	14.4	15.7	14.3	9.4	11.5	19.0	14.4	16.4
6	3.9	3.4	3.5	17.0	15.3	16.2	14.8	8.5	11.8	20.9	15.9	18.4
7	5.8	3.9	4.7	16.0	12.6	14.5	17.5	11.0	14.2	22.9	18.0	20.5
8	5.5	3.6	4.4	14.1	10.7	12.1	18.7	14.1	16.5	22.0	19.6	20.9
9	4.3	2.9	3.5	10.7	8.3	9.7	19.6	14.8	17.3	23.3	19.2	21.2
10	5.4	3.5	4.3	10.7	8.0	9.4	17.9	14.1	15.6	24.1	20.4	22.3
11	6.1	4.7	5.4	11.0	6.0	8.7	15.9	14.2	15.0	24.1	20.4	22.3
12	5.5	4.7	5.2	12.1	7.2	9.8	14.2	11.0	12.1	23.8	20.7	22.3
13	6.4	3.5	4.9	11.6	7.5	9.7	12.3	10.7	11.3	24.1	20.8	22.4
14	6.0	5.2	5.6	12.5	7.7	10.2	12.4	11.2	11.8	24.6	21.0	22.7
15	5.7	3.5	4.9	13.3	11.2	12.3	14.1	9.6	11.8	24.3	21.1	22.6
16	4.1	2.2	3.1	13.1	11.2	12.4	16.5	11.7	14.2	23.2	20.9	22.1
17	2.6	1.9	2.2	11.2	9.5	10.6	18.7	13.7	16.1	23.0	21.3	22.2
18	4.3	0.6	2.4	9.5	7.6	8.6	21.0	15.7	18.2	23.7	20.6	22.2
19	6.2	2.4	4.2	12.9	8.0	10.3	22.5	17.5	19.9	23.5	21.4	22.4
20	8.3	4.4	6.3	13.9	8.3	11.4	23.1	18.2	20.7	23.8	20.7	22.2
21	11.2	7.8	9.3	15.7	12.3	13.8	22.8	18.8	21.0	25.8	21.7	23.5
22	9.8	7.0	8.4	12.3	8.8	10.3	23.1	18.6	20.9	26.5	22.7	24.5
23	8.1	5.7	7.1	10.6	5.5	8.3	23.4	18.8	21.2	26.4	24.0	25.1
24	8.9	6.8	7.8	11.3	6.7	9.2	23.1	20.1	21.7	26.7	23.5	25.0
25	9.0	6.4	7.8	15.2	9.5	12.3	23.2	20.0	21.6	26.9	23.5	25.1
26	7.3	4.5	5.5	17.4	12.0	14.8	22.5	19.2	20.7	26.2	24.1	25.1
27	4.9	1.8	3.4	18.3	14.4	16.5	19.2	16.8	18.0	25.2	22.9	24.0
28	6.5	2.0	4.2	18.0	16.0	17.0	18.0	13.5	16.0	24.2	23.0	23.6
29	7.4	3.5	5.5	17.7	13.1	15.5	19.0	14.2	16.7	24.5	21.2	22.8
30	---	---	---	15.8	12.4	13.4	19.6	16.1	17.9	23.1	21.8	22.3
31	---	---	---	12.5	11.7	12.2	---	---	---	24.3	21.9	22.9
MONTH	11.2	0.0	4.6	18.3	5.5	11.9	23.4	8.5	16.0	26.9	13.1	21.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.8	21.3	22.6	25.5	23.0	24.1	27.6	24.9	26.1	24.5	23.3	23.9
2	24.2	20.2	22.2	25.8	23.4	24.6	26.5	25.3	25.9	24.1	22.5	23.4
3	24.5	20.9	22.5	25.0	23.5	24.3	27.0	24.9	25.7	23.2	21.3	22.3
4	23.1	18.8	20.9	26.6	23.6	24.9	27.7	24.2	25.8	23.0	21.3	22.2
5	21.3	19.3	20.2	28.1	24.4	26.0	26.2	24.0	25.3	23.6	21.1	22.3
6	21.9	19.8	20.8	28.2	24.5	26.3	24.3	21.9	23.1	23.4	22.7	23.0
7	22.9	20.2	21.5	28.4	25.0	26.6	22.5	19.1	20.9	23.2	22.7	22.9
8	22.8	21.4	22.1	27.2	24.0	25.6	22.8	19.1	20.9	23.4	22.6	22.9
9	25.3	21.4	23.1	27.4	23.5	25.4	23.3	19.7	21.5	23.5	23.2	23.3
10	26.1	22.9	24.4	27.4	24.2	25.5	24.1	20.9	22.4	23.2	21.5	22.3
11	27.1	23.6	25.2	27.2	23.9	25.4	24.3	21.8	22.9	23.0	21.5	22.2
12	25.6	22.6	23.7	26.9	24.5	25.7	23.1	22.1	22.6	22.8	21.1	21.9
13	22.6	21.2	22.0	27.8	24.8	26.1	23.6	22.0	22.7	22.6	20.5	21.7
14	24.3	21.9	22.9	28.2	24.9	26.4	22.9	20.4	21.4	22.3	21.2	21.8
15	24.6	23.3	23.9	26.9	24.0	25.3	20.4	20.0	20.2	21.9	20.8	21.3
16	25.8	23.7	24.6	25.2	21.8	23.5	22.9	20.1	21.3	21.8	20.6	21.2
17	27.8	24.8	26.2	24.0	21.8	23.0	23.6	21.0	22.3	23.3	21.7	22.4
18	28.5	25.3	26.8	24.0	22.3	22.9	23.6	21.5	22.5	22.8	20.6	21.5
19	27.4	25.1	26.3	25.0	21.7	23.2	25.6	22.6	23.9	20.6	18.6	19.4
20	25.8	23.4	24.5	25.7	22.6	24.1	26.2	23.5	24.9	18.7	16.6	17.7
21	23.7	21.4	22.3	26.0	22.5	24.2	26.5	24.4	25.2	18.4	15.5	17.1
22	25.2	21.6	23.2	25.3	23.0	24.2	25.4	23.4	24.3	19.5	16.4	18.0
23	25.5	23.3	24.4	26.5	23.8	24.9	24.7	21.7	23.2	20.6	17.9	19.2
24	25.5	23.4	24.4	25.3	23.9	24.5	24.7	21.5	23.0	20.9	18.6	19.7
25	25.2	23.9	24.6	24.4	23.1	23.4	23.9	21.1	22.5	20.1	17.6	19.0
26	25.2	23.4	24.2	24.9	22.8	23.7	24.3	21.1	22.6	20.2	17.5	18.9
27	24.2	22.2	23.0	25.7	23.6	24.6	24.7	21.3	22.9	19.6	18.9	19.2
28	23.2	22.2	22.7	25.7	23.8	24.7	24.9	21.9	23.4	21.1	19.6	20.4
29	25.0	21.5	23.2	25.5	24.1	24.8	24.0	22.4	23.2	21.2	19.5	20.4
30	24.9	22.4	23.7	26.4	23.7	24.9	23.4	22.3	22.9	21.0	19.4	20.2
31	---	---	---	26.7	24.0	25.4	24.0	22.5	23.1	---	---	---
MONTH	28.5	18.8	23.4	28.4	21.7	24.8	27.7	19.1	23.2	24.5	15.5	21.1