

0209318667 NEW RIVER AT CHANNEL LIGHT 50

LOCATION.--Lat 34°41'51", long 77°24'15", Onslow County, Hydrologic Unit 03030001, at U.S. Coast Guard Channel Light 50.

PERIOD OF RECORD.--Water years 2000 to current year.

PERIOD OF DAILY RECORD.--

SALINITY (TOP AND BOTTOM): November 1999 to current year.

pH (TOP AND BOTTOM): November 1999 to current year.

WATER TEMPERATURE (TOP AND BOTTOM): November 1999 to current year.

DISSOLVED OXYGEN (TOP AND BOTTOM): November 1999 to current year.

DISSOLVED OXYGEN, PERCENT SATURATION (TOP AND BOTTOM): November 1999 to current year.

INSTRUMENTATION.--Water-quality monitor with satellite telemetry from November 1999 to current year.

REMARKS.--Station operated in cooperation with the North Carolina Department of Environment and Natural Resources. Top constituents were monitored at 8 ft above the streambed and bottom constituents, 2 ft above the streambed. Salinity and dissolved oxygen, percent saturation are computed. The dissolved oxygen percent saturation is computed using a barometric pressure of 760mm Hg beginning October 1, 2000. Dissolved oxygen, minimum extremes are reported as <1.0 mg/L. Dissolved oxygen, percent saturation, minimum extremes are reported as <10%.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY (TOP), ppt	23.7, January 25, 2000	2.0, September 26, 2000
SALINITY (BOTTOM), ppt	25.2, July 3, 2000	4.6, May 29, September 29, 2000
pH (TOP), standard units	8.8, November 21, 1999	6.7, September 25, 2000
pH (BOTTOM), standard units	8.6, February 13, 2001	6.6, September 28, 2000
WATER TEMPERATURE (TOP), °C	32.5, July 18, 2000	1.4, January 1, 2001
WATER TEMPERATURE (BOTTOM), °C	31.6, August 10, 2001	2.0, January 28, 2000
DISSOLVED OXYGEN (TOP), mg/L	15.6, January 30, 2000	1.2, September 9, 2000
DISSOLVED OXYGEN (BOTTOM), mg/L	13.4, January 30, 2000	<1.0, on many days during the period
DISSOLVED OXYGEN, PERCENT SATURATION (TOP),%	178, July 8, 2000	15, September 9, 2000
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM),%	123, February 19, 2000	<10, on many days during the period

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY (TOP), ppt	20.6, January 18	4.2, October 1
SALINITY (BOTTOM), ppt	24.7, May 19	7.1, October 9, 10
pH (TOP), standard units	8.5, March 2, June 19, August 4, September 17	6.8, October 17, 19
pH (BOTTOM), standard units	8.6, February 13	6.7, May 21
WATER TEMPERATURE (TOP), °C	31.9, August 8, 9	1.4, January 1
WATER TEMPERATURE (BOTTOM), °C	31.6, August 10	3.2, December 26
DISSOLVED OXYGEN (TOP), mg/L	14.0, March 10	2.3, July 10
DISSOLVED OXYGEN (BOTTOM), mg/L	11.8, December 4, 28	<1.0, on many days during the year
DISSOLVED OXYGEN, PERCENT SATURATION (TOP),%	145, June 19	29, July 10
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM),%	107, February 16	<10, on many days during the year

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SALINITY (PARTS PER THOUSAND), TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.7	4.2	5.2	16.3	15.6	16.1	14.2	10.5	13.3	14.9	13.5	14.6
2	6.3	5.3	5.8	17.3	15.7	16.2	14.3	13.2	13.8	15.1	13.7	14.6
3	7.3	4.8	5.6	18.1	15.7	16.2	16.5	13.2	14.7	14.9	14.5	14.8
4	7.0	5.0	5.5	17.7	15.5	16.4	15.0	13.7	14.5	15.0	14.1	14.7
5	5.9	5.0	5.5	19.4	15.9	17.4	14.8	13.5	14.3	14.9	14.2	14.7
6	6.3	4.9	5.4	18.7	16.5	17.5	14.6	12.2	14.0	15.8	14.6	15.0
7	6.8	5.2	6.2	18.8	16.7	17.3	15.3	12.5	14.1	15.4	14.5	14.9
8	7.6	6.5	6.9	17.9	16.7	17.1	16.0	13.0	13.8	15.2	13.1	14.8
9	7.5	6.8	7.2	17.8	16.9	17.2	14.5	12.7	13.3	16.5	14.1	15.1
10	7.3	5.8	6.9	18.4	17.2	17.8	14.2	13.4	13.7	17.2	15.7	16.1
11	7.1	5.8	6.6	18.5	17.9	18.1	14.1	13.3	13.9	17.5	15.8	16.3
12	7.1	5.8	6.7	18.7	18.1	18.3	14.1	12.5	13.3	17.1	15.8	16.3
13	8.2	6.3	7.0	18.6	17.9	18.3	14.3	13.6	14.0	18.2	15.8	17.2
14	8.7	6.4	7.4	18.6	17.7	18.2	14.3	13.1	13.8	18.0	15.9	17.3
15	9.9	6.4	8.2	19.1	17.7	18.3	14.1	13.1	13.6	18.4	16.7	17.5
16	11.1	7.1	9.6	18.9	16.5	18.1	14.4	12.7	13.8	18.4	16.1	16.7
17	13.0	9.0	11.1	18.8	17.5	18.1	14.3	13.0	13.9	19.1	16.3	17.3
18	13.9	9.5	12.0	18.8	18.4	18.6	14.2	12.2	13.2	20.6	15.9	18.1
19	15.2	11.5	13.2	18.8	18.4	18.5	13.5	11.5	13.0	19.3	16.5	17.6
20	14.1	12.2	13.1	19.1	17.6	18.6	13.7	12.7	13.3	18.1	16.7	17.6
21	14.7	12.4	13.8	19.1	17.3	18.4	13.7	12.2	13.0	19.2	16.1	17.9
22	14.5	11.7	13.0	18.8	18.0	18.5	13.7	11.3	13.2	18.1	15.0	17.4
23	14.5	12.7	13.8	18.8	18.0	18.3	13.4	13.0	13.2	18.7	16.4	18.0
24	14.3	13.1	13.8	18.2	17.9	18.1	13.3	10.5	12.6	18.2	16.3	17.6
25	14.9	13.3	14.2	19.0	17.4	18.2	13.8	10.7	13.2	18.4	15.3	17.6
26	15.1	14.5	14.8	18.4	14.8	17.2	13.9	12.4	13.2	17.8	16.7	17.4
27	15.9	14.5	15.3	17.3	13.5	15.8	13.8	11.6	13.0	17.5	15.8	16.8
28	15.7	14.0	15.1	16.7	12.2	14.5	16.1	12.2	13.9	17.5	16.3	16.7
29	16.1	15.2	15.7	16.2	11.5	14.0	15.3	13.9	14.3	17.5	14.8	16.7
30	16.2	14.7	15.8	14.1	11.3	12.8	15.4	13.1	14.3	17.4	15.8	16.4
31	16.3	15.4	15.9	---	---	---	15.1	13.8	14.6	17.0	15.8	16.6
MONTH	16.3	4.2	10.2	19.4	11.3	17.3	16.5	10.5	13.7	20.6	13.1	16.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	16.9	14.9	16.0	14.8	13.1	13.8	11.9	9.5	10.1	13.1	12.0	12.5
2	17.0	14.7	15.8	15.3	12.5	13.9	11.2	9.6	10.3	13.8	11.7	12.9
3	16.8	15.6	16.1	14.9	13.0	13.4	11.2	8.8	10.0	13.9	12.2	13.0
4	16.5	16.0	16.2	16.8	11.8	13.7	11.1	8.6	10.4	14.1	12.2	13.2
5	16.5	15.2	15.9	15.7	12.5	14.0	11.7	9.1	10.3	15.1	12.6	13.6
6	17.5	14.5	15.8	16.1	13.9	15.3	11.1	8.5	10.1	14.5	13.4	14.0
7	17.1	14.7	16.0	15.3	13.3	14.6	10.7	9.4	10.3	14.9	14.0	14.6
8	17.2	15.2	15.8	15.7	13.3	14.9	10.6	9.4	10.3	16.0	14.5	14.9
9	16.8	13.9	15.3	15.1	13.5	14.2	11.3	9.7	10.4	16.9	14.4	15.2
10	16.1	14.9	15.4	15.0	13.3	14.3	11.6	9.7	10.8	17.4	14.3	15.6
11	16.4	15.1	15.8	15.4	13.2	14.5	10.9	9.6	10.4	17.6	15.0	15.9
12	16.2	14.3	15.5	14.8	13.3	14.0	9.7	8.3	9.2	17.0	15.9	16.4
13	16.9	14.5	16.0	16.0	13.4	14.7	---	---	---	16.5	16.0	16.2
14	16.4	14.7	15.7	15.1	12.3	14.0	---	---	---	17.3	15.2	16.3
15	15.5	14.0	15.0	14.6	12.8	14.2	---	---	---	17.1	15.4	16.2
16	15.8	14.5	15.2	14.9	12.3	13.9	---	---	---	18.6	16.3	16.7
17	15.4	14.6	15.1	15.2	11.6	13.5	---	---	---	17.3	16.5	17.0
18	16.4	13.9	15.4	14.5	12.6	13.5	---	---	---	20.0	16.1	17.1
19	15.7	14.5	15.1	14.4	12.8	14.1	---	---	---	19.4	16.3	17.3
20	15.8	13.1	14.9	15.0	13.2	13.9	13.0	11.2	12.1	19.1	17.1	17.6
21	14.7	13.5	14.3	---	---	---	12.6	11.8	12.1	18.9	17.8	18.3
22	15.3	14.5	14.9	13.2	10.7	12.1	12.8	11.8	12.1	19.0	17.9	18.3
23	15.9	13.8	15.1	12.8	7.9	11.2	12.7	11.8	12.2	18.8	17.2	18.1
24	16.0	12.9	15.3	12.6	7.9	10.8	12.6	11.9	12.2	19.0	17.5	18.1
25	15.5	14.1	14.8	10.5	8.9	9.8	12.6	11.8	12.3	18.7	17.7	18.2
26	15.9	12.8	14.4	10.7	7.7	9.3	13.0	12.2	12.6	18.8	18.1	18.4
27	16.0	13.9	14.5	11.3	8.4	10.1	13.1	11.3	12.3	19.0	17.1	18.3
28	15.2	13.2	14.3	10.9	9.0	10.4	12.6	11.8	12.4	18.5	17.9	18.2
29	---	---	---	11.3	9.6	10.5	12.8	12.3	12.6	18.5	17.2	17.9
30	---	---	---	11.1	9.0	10.1	13.1	12.0	12.6	18.8	15.1	17.3
31	---	---	---	12.2	8.0	10.1	---	---	---	17.9	17.0	17.5
MONTH	17.5	12.8	15.3	---	---	---	---	---	---	20.0	11.7	16.3

NEW RIVER BASIN

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SALINITY (PARTS PER THOUSAND), TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	17.9	16.9	17.7	12.2	9.9	10.9	15.5	12.2	14.5	15.6	14.9	15.2
2	17.7	14.3	16.1	11.3	9.9	10.9	16.1	12.4	14.9	15.4	14.3	14.9
3	15.4	11.1	13.7	11.7	11.1	11.3	---	---	---	15.3	14.3	14.7
4	16.1	8.8	12.6	11.8	11.3	11.5	15.3	12.6	14.3	16.0	13.9	15.0
5	15.1	10.7	13.6	12.2	10.8	11.6	15.5	12.9	14.2	16.3	13.4	15.3
6	13.9	10.5	12.7	12.1	11.2	11.6	15.7	13.0	14.1	16.3	14.4	15.2
7	13.9	11.3	12.6	12.2	11.4	11.8	15.8	12.6	14.5	18.4	14.9	16.0
8	14.5	12.4	13.1	12.9	10.9	11.8	15.3	13.5	14.4	16.9	16.0	16.4
9	15.7	12.6	13.6	13.8	10.7	12.0	15.1	13.8	14.4	17.2	14.3	15.8
10	15.2	13.2	13.9	14.9	11.5	12.4	14.9	14.1	14.5	15.9	12.8	14.2
11	14.3	12.5	13.8	13.0	11.7	12.1	15.1	14.0	14.6	16.5	11.3	14.6
12	14.4	13.2	13.8	14.0	11.8	12.2	15.3	14.2	14.7	16.0	12.2	14.4
13	14.5	12.3	13.9	13.2	11.3	12.6	15.3	14.1	14.6	15.1	12.7	14.2
14	15.0	13.5	14.3	14.7	11.3	12.9	15.1	13.1	14.0	14.9	12.5	13.3
15	14.5	12.0	13.8	15.3	12.1	13.4	15.1	12.9	13.5	16.1	13.8	14.9
16	13.6	9.5	12.2	15.5	12.4	13.4	15.5	13.0	14.2	16.3	15.1	15.7
17	12.8	10.3	11.6	15.7	13.3	14.2	15.4	12.7	14.3	16.4	13.4	15.6
18	12.9	10.7	12.1	15.4	13.1	14.5	15.4	13.4	14.2	17.5	14.5	16.3
19	12.7	9.8	11.0	15.4	14.1	14.8	---	---	---	18.2	14.5	16.1
20	13.0	10.4	11.5	15.5	14.7	15.1	---	---	---	16.1	15.2	15.7
21	12.9	9.0	11.5	16.0	14.9	15.3	15.1	12.7	13.8	17.2	15.1	15.9
22	12.8	10.4	11.6	16.9	15.5	15.9	14.7	12.5	13.3	18.4	14.5	16.7
23	12.2	11.2	11.5	17.4	14.5	15.8	16.2	12.4	14.8	18.6	14.9	17.0
24	11.8	9.1	10.8	16.3	14.9	15.5	14.6	12.0	13.3	18.1	15.9	16.8
25	10.9	8.8	9.7	16.6	14.8	15.5	16.2	12.1	14.4	18.2	15.8	16.6
26	10.4	7.6	8.9	16.7	14.5	15.3	16.5	12.5	15.1	17.6	15.9	17.0
27	11.7	7.1	9.8	15.7	13.7	15.0	16.5	14.5	15.2	17.3	15.8	16.7
28	12.7	7.0	10.0	15.4	14.3	15.0	16.1	14.7	15.3	17.6	16.3	17.0
29	12.9	7.6	10.0	16.1	14.0	15.0	15.4	15.0	15.2	18.1	17.1	17.6
30	10.8	9.2	9.8	16.0	14.6	15.1	15.3	14.0	14.9	18.2	17.6	17.9
31	---	---	---	15.9	13.9	15.0	15.7	14.7	15.2	---	---	---
MONTH	17.9	7.0	12.4	17.4	9.9	13.5	---	---	---	18.6	11.3	15.8

SALINITY (PARTS PER THOUSAND), BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.9	8.1	10.2	20.3	19.3	19.9	18.6	17.7	18.4	21.2	19.2	20.9
2	11.3	8.5	10.1	20.1	18.8	19.6	18.4	14.2	17.4	21.0	19.3	20.6
3	11.8	9.7	10.9	20.2	19.3	19.7	18.1	14.7	16.1	20.5	19.1	20.3
4	11.3	8.9	10.6	20.7	20.0	20.3	16.0	14.2	14.9	20.9	18.8	20.4
5	10.7	9.3	10.3	21.2	20.6	21.0	16.5	14.9	16.1	20.3	19.5	20.1
6	10.8	7.9	10.0	21.3	20.6	21.1	16.6	16.1	16.5	21.5	19.8	20.9
7	10.6	8.2	9.8	21.3	20.2	21.0	17.3	16.2	16.6	21.3	20.9	21.2
8	10.7	7.2	9.6	21.7	20.6	21.4	18.9	16.4	17.2	21.4	20.1	21.1
9	10.8	7.1	7.9	21.7	20.5	21.2	19.8	17.4	18.9	22.6	20.3	21.5
10	8.8	7.1	8.0	21.2	18.3	20.0	20.3	19.4	20.0	23.3	21.9	22.6
11	8.8	7.6	8.4	18.6	18.0	18.3	20.3	19.2	19.9	22.6	21.4	22.2
12	10.1	8.8	9.4	19.2	18.4	18.7	19.9	17.7	19.4	22.6	20.6	22.1
13	13.7	10.0	11.7	19.3	18.5	18.8	19.9	18.7	19.4	22.6	17.7	21.4
14	15.3	13.0	14.3	20.8	18.6	19.4	19.6	14.2	18.5	22.0	20.6	21.5
15	15.6	14.3	15.2	21.7	18.7	20.3	18.9	14.4	18.5	22.6	21.0	21.8
16	15.7	15.2	15.6	21.7	19.8	21.1	18.8	16.9	18.2	22.9	21.3	22.2
17	16.5	15.7	16.0	21.2	20.2	20.8	18.3	13.5	14.4	22.9	22.1	22.5
18	17.5	16.3	16.9	21.1	18.6	20.2	15.3	14.1	14.7	22.9	22.2	22.6
19	18.4	16.7	17.6	20.9	18.9	20.4	14.9	13.4	14.3	22.8	20.6	22.1
20	18.4	17.5	18.1	20.7	18.6	19.4	15.1	13.1	13.7	21.6	18.9	20.7
21	18.4	17.6	18.2	20.2	18.4	19.3	14.3	13.2	13.7	21.7	17.9	19.2
22	18.4	17.1	18.1	19.3	18.3	18.8	14.4	13.1	13.9	19.4	17.3	18.6
23	18.1	15.5	17.7	19.2	18.5	19.0	13.4	13.0	13.2	18.8	17.4	18.2
24	17.3	15.4	16.7	19.0	18.2	18.7	14.2	13.2	13.5	19.0	18.2	18.6
25	16.9	15.3	16.4	19.1	18.0	18.6	14.5	13.3	13.7	19.1	17.5	18.3
26	16.7	14.9	15.7	18.6	18.0	18.4	15.9	13.3	14.8	18.1	17.5	17.8
27	17.9	15.0	16.6	19.1	17.9	18.6	17.1	15.7	16.3	20.2	17.5	18.4
28	17.9	15.8	17.1	19.2	18.0	18.8	17.5	15.6	17.1	20.1	18.1	19.4
29	17.5	17.0	17.3	19.2	18.3	18.7	20.8	17.2	19.2	19.7	18.7	19.3
30	19.3	16.2	18.1	19.0	16.8	18.4	22.0	19.2	21.2	19.2	16.7	17.9
31	20.5	19.0	19.7	---	---	---	21.9	18.7	20.3	17.8	16.7	17.3
MONTH	20.5	7.1	13.9	21.7	16.8	19.7	22.0	13.0	16.8	23.3	16.7	20.4

NEW RIVER BASIN

0209318667 NEW RIVER AT CHANNEL LIGHT 50--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, TOP, 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	7.3	7.0	7.2	7.5	7.3	7.4	7.7	7.3	7.5	8.1	8.1	8.1
2	7.4	7.1	7.2	7.5	7.3	7.4	7.7	7.4	7.5	8.1	8.1	8.1
3	7.4	6.9	7.2	7.5	7.2	7.4	7.5	7.4	7.4	8.2	8.1	8.1
4	7.6	6.9	7.3	7.5	7.3	7.5	7.6	7.4	7.5	8.2	8.1	8.2
5	8.1	7.1	7.5	7.5	7.2	7.4	7.6	7.5	7.6	8.2	8.1	8.1
6	8.0	7.3	7.7	7.6	7.2	7.3	7.6	7.5	7.6	8.1	8.1	8.1
7	7.9	7.0	7.4	7.6	7.1	7.4	7.7	7.5	7.6	8.2	8.1	8.2
8	7.4	6.9	7.1	7.6	7.2	7.4	7.7	7.4	7.6	8.2	8.1	8.1
9	7.4	7.0	7.2	7.6	7.3	7.6	7.7	7.5	7.6	8.1	8.1	8.1
10	7.5	7.2	7.4	7.6	7.4	7.5	7.8	7.5	7.6	8.1	8.0	8.1
11	8.0	7.3	7.6	7.4	7.3	7.4	7.9	7.6	7.7	8.2	8.1	8.2
12	7.8	7.4	7.6	7.5	7.3	7.4	7.8	7.7	7.7	8.2	8.2	8.2
13	8.0	7.1	7.5	7.5	7.3	7.4	7.8	7.6	7.7	8.2	8.1	8.2
14	7.9	7.2	7.6	7.5	7.3	7.4	7.8	7.6	7.7	8.2	8.2	8.2
15	8.1	7.1	7.4	7.5	7.2	7.3	7.7	7.6	7.7	8.3	8.1	8.2
16	7.7	7.0	7.3	7.5	7.2	7.4	7.9	7.6	7.7	8.3	8.1	8.2
17	7.4	6.8	7.1	7.6	7.3	7.4	7.7	7.6	7.7	8.2	8.1	8.2
18	7.2	6.9	7.1	7.6	7.3	7.5	7.9	7.6	7.7	8.2	8.0	8.2
19	7.4	6.8	7.1	7.5	7.4	7.4	7.9	7.8	7.9	8.2	8.1	8.2
20	7.4	7.0	7.1	7.5	7.4	7.5	8.0	7.8	7.9	8.2	8.1	8.1
21	7.5	6.9	7.2	7.5	7.4	7.5	8.1	7.9	7.9	8.1	7.9	8.0
22	7.7	6.9	7.3	7.6	7.4	7.5	8.1	7.9	7.9	8.1	8.0	8.0
23	7.4	7.1	7.2	7.6	7.5	7.6	8.1	7.9	8.0	8.0	7.9	8.0
24	7.5	7.1	7.3	7.6	7.5	7.6	8.1	8.0	8.1	8.0	7.9	8.0
25	7.5	7.0	7.3	7.6	7.5	7.5	8.1	8.0	8.1	8.0	7.8	7.9
26	7.5	7.2	7.4	7.5	7.4	7.5	8.1	8.1	8.1	7.9	7.8	7.9
27	7.5	7.1	7.3	7.5	7.3	7.4	8.1	8.0	8.1	7.9	7.8	7.9
28	7.6	7.2	7.4	7.5	7.3	7.4	8.1	8.0	8.1	8.0	7.8	7.9
29	7.5	7.3	7.4	7.5	7.3	7.4	8.1	8.0	8.1	8.0	7.9	7.9
30	7.5	7.3	7.4	7.4	7.3	7.3	8.1	8.1	8.1	8.0	7.8	7.9
31	7.5	7.3	7.4	---	---	---	8.1	8.1	8.1	7.9	7.8	7.9
MONTH	8.1	6.8	7.3	7.6	7.1	7.4	8.1	7.3	7.8	8.3	7.8	8.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.0	7.9	7.9	8.4	8.2	8.3	8.0	7.4	7.7	7.7	7.4	7.6
2	8.0	7.8	8.0	8.5	8.1	8.3	7.9	7.5	7.7	7.7	7.5	7.6
3	8.1	7.8	7.9	8.4	8.1	8.3	8.0	7.7	7.8	7.7	7.5	7.6
4	8.0	7.9	8.0	8.4	7.6	8.2	8.0	7.7	7.8	7.6	7.5	7.5
5	8.0	7.8	7.9	8.3	7.5	7.9	8.1	7.4	7.8	7.7	7.5	7.6
6	8.0	7.8	8.0	7.8	7.2	7.5	8.0	7.7	7.9	7.6	7.5	7.6
7	8.1	7.9	8.0	7.8	7.5	7.7	8.0	7.5	7.8	7.6	7.4	7.5
8	8.2	8.0	8.1	8.0	7.6	7.8	8.0	7.7	7.9	7.8	7.4	7.6
9	8.2	8.0	8.1	8.0	7.7	7.9	8.2	7.8	8.0	7.8	7.6	7.8
10	8.2	8.0	8.1	8.4	7.7	7.9	8.1	7.7	8.0	7.9	7.7	7.8
11	8.2	7.9	8.0	8.3	7.9	8.0	8.0	7.8	7.9	7.9	7.7	7.8
12	8.1	7.9	8.0	8.3	7.6	8.1	7.9	7.5	7.7	7.9	7.7	7.8
13	8.0	7.7	7.9	8.2	7.9	8.0	7.7	7.4	7.6	7.8	7.7	7.8
14	8.0	7.6	7.8	8.3	7.9	8.1	7.8	7.4	7.6	7.9	7.6	7.8
15	8.2	7.7	7.9	8.2	7.9	8.0	7.7	7.4	7.5	7.9	7.6	7.8
16	8.0	7.7	7.9	8.1	7.8	8.0	7.7	7.2	7.4	7.9	7.7	7.8
17	8.0	7.8	7.9	8.1	7.6	7.9	7.6	7.3	7.5	7.8	7.7	7.8
18	8.1	7.7	7.9	7.9	7.4	7.6	7.6	7.4	7.5	7.9	7.2	7.7
19	8.0	7.8	7.9	7.8	7.6	7.7	7.9	7.5	7.6	7.9	7.5	7.8
20	8.3	7.9	8.0	7.7	7.5	7.6	7.8	7.6	7.7	7.9	7.4	7.8
21	8.2	8.1	8.1	---	---	---	7.8	7.7	7.7	7.9	7.7	7.8
22	8.2	7.9	8.0	7.5	7.3	7.4	7.8	7.6	7.7	7.8	7.7	7.7
23	8.1	7.8	7.9	7.6	7.3	7.4	7.8	7.6	7.7	7.9	7.6	7.8
24	8.1	7.8	7.9	7.6	7.3	7.5	7.7	7.6	7.6	8.1	7.7	7.9
25	8.1	7.9	8.0	7.5	7.3	7.4	7.6	7.5	7.5	7.9	7.8	7.9
26	8.3	7.8	8.0	7.5	7.2	7.4	7.7	7.4	7.5	7.9	7.7	7.8
27	8.3	7.9	8.2	7.6	7.4	7.5	7.8	7.6	7.7	8.0	7.6	7.9
28	8.3	8.1	8.2	7.7	7.5	7.6	7.8	7.6	7.7	8.0	7.8	7.9
29	---	---	---	7.6	7.5	7.6	7.8	7.6	7.7	8.0	7.7	7.9
30	---	---	---	7.8	7.5	7.6	7.8	7.5	7.7	8.1	7.8	7.9
31	---	---	---	7.9	7.4	7.7	---	---	---	8.1	7.8	7.9
MONTH	8.3	7.6	8.0	---	---	---	8.2	7.2	7.7	8.1	7.2	7.8

NEW RIVER BASIN

581

0209318667 NEW RIVER AT CHANNEL LIGHT 50--Continued

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

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

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

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

NEW RIVER BASIN

0209318667 NEW RIVER AT CHANNEL LIGHT 50--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, BOTTOM, 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	7.9	7.7	7.8	7.7	7.3	7.5	7.6	7.2	7.3	7.5	7.1	7.2
2	7.9	7.7	7.8	7.7	7.2	7.4	7.8	7.5	7.7	7.3	7.1	7.1
3	7.8	7.6	7.7	7.3	7.1	7.2	7.9	7.4	7.6	7.3	7.1	7.1
4	8.1	7.5	7.6	7.3	7.0	7.2	7.7	7.2	7.4	7.4	7.1	7.2
5	7.8	7.6	7.7	8.1	7.1	7.3	7.5	7.2	7.3	7.3	7.1	7.2
6	7.8	7.4	7.6	8.1	7.1	7.8	7.8	7.0	7.3	7.4	7.1	7.2
7	7.6	7.4	7.5	8.0	7.7	7.9	7.8	7.0	7.3	7.8	7.1	7.4
8	7.8	7.4	7.4	8.0	7.4	7.8	7.4	7.0	7.2	7.9	7.3	7.6
9	7.5	7.3	7.4	7.9	7.3	7.6	7.5	6.9	7.1	7.7	7.3	7.6
10	7.9	7.3	7.6	7.8	7.5	7.6	7.5	6.9	7.1	7.8	7.4	7.6
11	8.1	7.2	7.5	7.8	7.4	7.6	7.9	7.0	7.6	7.7	7.4	7.6
12	8.1	7.1	7.4	7.6	7.3	7.5	7.9	7.5	7.7	7.7	7.4	7.5
13	8.6	7.5	7.8	8.1	7.3	7.9	7.8	7.5	7.6	7.8	7.4	7.6
14	8.3	7.5	7.7	7.9	7.6	7.7	7.7	6.9	7.2	7.7	7.4	7.5
15	7.7	7.4	7.5	7.6	7.2	7.4	7.4	6.9	7.0	7.6	7.2	7.4
16	8.4	7.4	7.6	7.7	7.1	7.2	7.7	6.9	7.3	7.3	7.1	7.2
17	8.3	7.6	8.2	7.8	7.0	7.2	7.5	6.8	7.2	7.1	7.0	7.0
18	8.3	8.1	8.2	7.9	7.1	7.4	7.6	7.3	7.5	7.1	6.9	7.0
19	8.3	7.8	8.1	8.0	7.2	7.7	7.7	7.2	7.5	7.3	6.9	7.0
20	8.4	7.8	8.1	7.9	7.5	7.7	7.8	7.4	7.6	7.0	6.8	6.9
21	8.3	7.7	8.0	---	---	---	7.8	7.5	7.7	7.8	6.7	7.1
22	8.4	7.6	8.0	7.5	7.3	7.5	7.7	7.5	7.6	7.7	7.5	7.6
23	8.3	7.6	8.1	7.6	7.1	7.4	7.8	7.6	7.7	7.6	7.0	7.3
24	8.3	7.4	7.7	7.6	7.1	7.3	7.8	7.6	7.8	7.2	7.0	7.1
25	8.3	7.4	7.8	7.5	7.0	7.2	7.8	7.6	7.7	7.8	7.0	7.3
26	8.2	7.7	8.0	7.5	7.1	7.3	7.8	7.6	7.7	7.7	7.5	7.6
27	8.2	7.6	7.7	7.5	7.2	7.4	7.8	7.4	7.6	7.6	7.2	7.4
28	8.2	7.3	7.6	7.3	7.1	7.2	7.6	7.3	7.4	7.6	7.3	7.5
29	---	---	---	7.6	7.1	7.2	7.9	7.1	7.3	7.4	7.1	7.2
30	---	---	---	7.6	7.4	7.5	7.9	7.0	7.5	7.4	7.1	7.2
31	---	---	---	7.7	7.2	7.4	---	---	---	7.2	7.0	7.1
MONTH	8.6	7.1	7.8	---	---	---	7.9	6.8	7.4	7.9	6.7	7.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.7	7.0	7.4	7.1	7.1	7.1	7.3	7.1	7.2	7.6	7.1	7.4
2	7.6	7.2	7.3	7.1	7.0	7.1	7.3	7.1	7.2	7.8	7.1	7.3
3	7.3	7.1	7.2	7.5	6.8	7.0	7.2	7.1	7.1	7.9	7.6	7.7
4	7.4	7.1	7.2	7.6	6.9	7.2	7.2	7.0	7.1	---	---	---
5	7.3	7.0	7.1	7.6	7.2	7.3	7.1	7.1	7.1	7.2	7.1	7.2
6	7.1	6.9	7.0	7.2	6.9	7.0	7.2	7.0	7.1	7.3	7.1	7.2
7	7.0	6.9	7.0	7.0	6.8	6.9	7.2	7.0	7.0	7.1	7.1	7.1
8	7.0	6.9	6.9	7.0	6.8	6.9	7.5	7.0	7.2	7.1	7.1	7.1
9	7.0	6.9	6.9	7.0	6.9	7.0	8.0	7.1	7.3	7.6	7.1	7.1
10	6.9	6.9	6.9	7.1	6.9	7.0	8.1	7.7	8.0	7.6	7.1	7.2
11	7.1	6.8	6.9	7.1	6.9	7.0	8.1	7.8	7.9	7.3	7.1	7.1
12	7.0	6.9	6.9	7.1	6.9	7.0	8.1	7.7	7.9	7.1	7.1	7.1
13	7.9	6.9	7.3	7.0	7.0	7.0	8.0	7.8	7.9	7.1	7.0	7.1
14	7.7	7.3	7.5	7.2	7.0	7.1	7.9	7.5	7.7	7.1	7.0	7.0
15	7.7	7.2	7.5	7.3	7.0	7.1	7.6	7.2	7.4	7.7	7.0	7.3
16	7.5	7.1	7.3	7.0	7.0	7.0	7.3	7.1	7.2	7.8	7.3	7.7
17	7.3	7.1	7.2	7.1	7.0	7.0	8.0	7.1	7.3	7.7	7.4	7.5
18	7.1	7.0	7.0	7.4	7.0	7.1	7.7	7.2	7.3	7.5	7.4	7.4
19	7.0	6.8	6.9	7.3	7.0	7.1	---	---	---	7.4	7.2	7.3
20	6.9	6.8	6.9	7.8	7.0	7.1	---	---	---	7.2	7.1	7.2
21	6.9	6.8	6.9	7.8	7.1	7.4	7.9	7.2	7.5	7.1	6.9	7.0
22	7.0	6.8	6.9	7.5	7.3	7.4	7.8	7.1	7.3	7.0	6.9	6.9
23	7.1	6.8	7.0	7.4	7.2	7.3	7.3	7.0	7.1	7.0	6.9	6.9
24	7.1	6.9	7.0	7.9	7.1	7.4	7.2	7.1	7.1	7.8	7.0	7.1
25	7.1	6.9	7.0	7.8	7.4	7.6	7.1	7.0	7.1	7.5	7.0	7.1
26	7.0	6.8	6.9	7.8	7.3	7.6	7.2	7.0	7.1	7.6	7.0	7.4
27	7.7	6.8	7.0	7.4	7.1	7.3	7.2	7.0	7.1	7.6	7.1	7.2
28	7.2	6.9	7.0	7.4	7.1	7.2	7.8	7.0	7.2	7.6	7.1	7.2
29	7.1	7.1	7.1	7.4	7.0	7.2	7.9	7.2	7.5	7.8	7.3	7.6
30	7.1	7.1	7.1	7.3	7.0	7.1	7.7	7.2	7.3	7.8	7.6	7.7
31	---	---	---	7.3	7.0	7.2	7.7	7.5	7.6	---	---	---
MONTH	7.9	6.8	7.1	7.9	6.8	7.2	---	---	---	---	---	---

NEW RIVER BASIN

583

0209318667 NEW RIVER AT CHANNEL LIGHT 50--Continued

TEMPERATURE, WATER (DEG. C), TOP, 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	21.4	20.5	20.9	16.9	15.7	16.4	11.1	8.8	10.0	2.9	1.4	2.3
2	22.1	20.2	21.0	17.2	15.7	16.3	10.3	9.4	9.8	3.2	2.0	2.6
3	23.0	20.9	21.6	17.2	15.1	16.1	9.4	7.0	8.5	3.2	1.9	2.5
4	23.4	22.0	22.6	17.1	15.2	16.3	7.0	6.1	6.6	3.1	1.8	2.5
5	24.8	22.5	23.5	17.6	16.4	17.0	7.1	6.0	6.4	3.3	2.2	2.8
6	25.9	23.6	24.6	17.4	16.0	16.6	7.3	6.2	6.9	4.2	2.9	3.6
7	25.3	23.0	23.8	17.3	16.0	16.7	8.2	6.6	7.1	4.5	2.8	3.7
8	23.2	18.8	20.9	18.0	16.7	17.2	8.9	6.8	7.8	5.8	3.8	4.3
9	18.9	17.0	18.1	19.0	17.5	18.2	8.5	6.8	7.7	5.3	4.2	4.8
10	17.0	15.8	16.6	19.5	18.5	19.0	8.0	7.6	7.8	4.7	3.5	4.1
11	18.6	15.4	16.4	18.5	16.8	17.6	8.5	7.4	7.8	5.2	4.0	4.6
12	17.8	15.8	16.7	17.1	16.2	16.6	9.9	8.3	9.1	5.8	4.7	5.1
13	18.0	16.2	16.9	16.6	15.7	16.2	8.9	8.1	8.4	6.8	5.1	5.8
14	18.2	16.7	17.4	16.4	15.6	16.1	10.9	8.3	9.6	6.9	6.2	6.5
15	18.4	17.1	17.7	15.6	14.4	14.9	11.0	10.4	10.6	9.3	6.5	7.2
16	18.3	17.6	17.9	14.7	12.6	14.2	11.0	10.2	10.5	10.0	8.2	9.0
17	19.7	17.8	18.4	14.4	13.9	14.1	12.0	10.8	11.5	9.4	7.8	8.8
18	20.3	18.2	19.4	13.9	12.8	13.2	11.3	9.8	10.3	9.8	8.0	8.8
19	20.8	18.9	19.8	13.1	11.7	12.3	10.4	8.1	9.8	11.5	8.9	10.2
20	20.6	19.9	20.2	11.8	10.9	11.4	9.7	7.9	8.7	12.3	11.4	11.9
21	20.8	20.0	20.4	11.2	9.9	10.5	8.8	6.9	7.8	11.5	8.7	10.3
22	21.8	19.2	20.5	10.1	8.3	9.3	8.1	7.0	7.7	10.0	8.2	9.2
23	20.6	19.0	19.8	9.1	7.9	8.6	7.0	5.5	6.3	9.4	7.8	8.6
24	20.4	18.4	19.4	9.4	8.0	8.6	6.0	4.2	5.4	8.0	7.2	7.6
25	20.2	18.8	19.4	10.2	8.5	9.1	5.1	4.0	4.8	7.9	6.9	7.7
26	19.5	18.9	19.2	11.1	9.4	10.3	4.1	3.1	3.7	8.0	6.1	6.7
27	19.8	18.9	19.3	11.8	10.1	10.6	3.8	2.9	3.6	7.5	5.9	6.6
28	20.1	18.8	19.3	12.6	10.0	10.8	4.4	3.3	3.8	7.3	6.1	6.7
29	19.2	18.1	18.7	12.4	10.6	11.3	4.0	2.7	3.4	8.1	6.6	7.2
30	18.3	17.2	17.6	11.5	10.1	11.1	3.9	3.1	3.6	9.5	7.8	8.7
31	17.6	16.6	16.9	---	---	---	3.1	2.2	2.6	10.5	9.1	9.7
MONTH	25.9	15.4	19.5	19.5	7.9	13.9	12.0	2.2	7.3	12.3	1.4	6.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	11.3	10.1	10.6	13.8	11.6	12.8	17.3	14.4	16.0	21.0	18.4	19.7
2	11.0	9.9	10.5	14.4	12.7	13.5	14.9	13.4	14.2	22.1	20.0	21.0
3	10.1	8.8	9.4	14.4	13.4	13.7	14.7	13.9	14.3	22.6	21.1	21.8
4	9.2	8.4	8.7	13.6	13.1	13.3	15.7	13.9	14.6	23.6	22.2	22.7
5	9.8	8.7	9.2	13.6	12.0	13.1	16.2	13.9	15.0	24.8	22.7	23.4
6	10.1	8.7	9.4	12.1	9.3	10.7	17.2	14.9	16.0	24.2	22.4	23.6
7	10.3	9.4	9.7	9.3	7.9	8.8	19.9	16.8	17.8	22.4	20.8	21.4
8	11.8	9.8	10.8	10.6	8.4	9.1	20.7	18.8	19.6	21.7	20.3	20.9
9	12.8	10.9	11.9	10.2	9.0	9.5	22.7	20.1	21.1	23.6	20.5	21.4
10	13.8	12.2	13.0	10.9	8.3	9.2	22.6	21.2	21.8	23.0	20.8	21.8
11	12.8	11.3	12.0	10.9	9.0	9.9	22.7	21.7	22.2	23.9	22.0	22.9
12	11.3	10.2	10.6	11.8	9.8	10.8	23.7	22.1	22.8	24.2	22.7	23.5
13	11.0	10.2	10.6	14.1	11.4	12.9	24.3	22.6	23.2	24.2	23.2	23.7
14	11.7	10.5	11.0	14.9	13.4	14.1	23.9	22.8	23.3	23.9	22.3	23.3
15	13.6	11.5	12.3	14.9	14.2	14.5	23.1	22.1	22.5	23.2	21.9	22.5
16	15.0	12.6	13.5	15.5	14.3	14.7	22.1	21.2	21.6	22.7	21.5	22.1
17	15.0	13.9	14.5	17.3	14.7	15.6	21.4	18.4	20.2	21.9	20.3	21.1
18	13.9	11.6	12.6	16.7	13.7	15.1	18.4	16.0	17.1	22.6	20.1	21.1
19	12.3	10.6	11.5	14.5	13.4	13.8	17.6	14.4	16.1	25.3	22.2	23.4
20	12.6	11.1	11.7	13.4	12.2	12.7	17.3	16.2	16.8	25.8	23.8	24.6
21	14.4	12.4	13.0	---	---	---	18.4	16.9	17.5	25.1	24.6	24.8
22	13.3	10.8	11.9	13.9	12.4	13.1	20.4	18.0	18.9	25.9	24.7	25.3
23	11.4	10.0	10.7	15.3	12.6	13.7	21.4	19.3	20.3	26.6	25.1	25.6
24	12.2	10.3	11.3	15.0	12.8	14.3	21.9	20.6	21.2	27.9	24.9	25.9
25	12.6	11.1	11.9	14.8	13.1	14.0	21.7	19.4	20.7	27.0	25.2	26.0
26	14.2	12.5	13.4	13.6	12.2	12.9	19.4	17.5	18.5	26.3	25.5	26.0
27	14.4	12.9	13.4	13.3	11.2	12.1	19.2	16.5	17.8	26.4	24.8	25.7
28	13.8	12.5	13.4	12.7	10.5	12.0	20.0	17.8	18.6	25.7	25.1	25.4
29	---	---	---	13.3	11.9	12.5	19.3	18.4	18.9	25.1	24.3	24.7
30	---	---	---	16.1	13.2	14.5	19.5	17.6	18.6	26.1	23.1	24.7
31	---	---	---	17.1	14.7	15.9	---	---	---	25.8	24.5	25.1
MONTH	15.0	8.4	11.5	---	---	---	24.3	13.4	18.9	27.9	18.4	23.4

NEW RIVER BASIN

0209318667 NEW RIVER AT CHANNEL LIGHT 50--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	25.5	24.4	25.0	30.4	29.1	30.0	27.8	26.0	26.8	28.0	27.3	27.6
2	26.1	25.0	25.5	30.3	28.6	29.4	27.3	26.1	26.7	27.7	26.7	27.2
3	26.6	24.8	25.8	28.6	28.1	28.4	27.9	26.6	27.0	27.0	26.5	26.7
4	27.7	25.1	26.5	29.1	27.9	28.4	29.5	27.2	27.9	26.8	25.8	26.4
5	29.7	26.0	27.2	29.4	28.3	28.7	29.4	27.9	28.5	27.4	25.6	26.5
6	29.6	27.0	28.3	29.2	27.9	28.4	30.2	28.2	29.1	28.0	26.1	26.9
7	29.0	27.0	28.1	28.4	26.8	27.7	31.1	29.0	29.9	27.3	25.7	26.6
8	28.1	26.6	27.1	27.9	26.6	27.2	31.9	29.9	30.7	27.5	25.9	26.6
9	27.5	26.0	26.8	28.4	26.4	27.3	31.9	30.5	31.2	27.2	26.5	26.8
10	28.5	26.6	27.3	29.5	27.5	28.2	31.7	30.8	31.3	28.4	26.3	27.2
11	28.9	26.9	28.2	30.9	28.8	29.5	31.3	30.5	30.8	28.5	27.5	28.1
12	29.0	27.8	28.4	30.3	28.8	29.5	30.9	29.8	30.4	28.3	25.0	27.1
13	29.0	28.1	28.5	29.3	26.7	28.1	30.6	29.7	30.2	27.7	26.1	26.8
14	28.3	27.1	27.7	27.7	25.9	26.7	30.1	29.0	29.5	26.7	25.3	26.0
15	27.3	26.6	26.9	27.9	26.0	26.9	30.4	28.3	29.4	25.7	23.6	24.5
16	29.2	25.7	26.8	28.6	26.6	27.5	29.9	28.6	29.4	23.7	22.4	23.1
17	28.0	26.5	27.2	29.1	27.5	28.2	30.9	28.8	29.8	23.5	21.3	22.4
18	28.9	26.9	27.7	29.3	27.4	28.4	30.8	29.8	30.3	23.5	22.1	22.7
19	30.2	27.3	28.2	29.2	28.4	28.6	---	---	---	23.8	22.7	23.2
20	29.2	27.8	28.2	28.4	27.6	28.1	---	---	---	24.7	22.9	23.7
21	29.7	27.8	28.6	28.1	26.9	27.4	29.8	28.1	28.9	25.4	23.6	24.2
22	29.5	28.2	28.8	28.0	26.7	27.3	30.2	28.6	29.2	26.2	23.8	24.6
23	29.0	28.1	28.5	28.0	27.1	27.6	30.2	29.0	29.5	26.6	24.1	25.2
24	28.7	27.0	28.0	28.1	27.2	27.6	29.9	28.1	29.1	27.0	24.7	26.1
25	28.6	26.9	27.4	28.7	27.7	28.2	28.7	27.2	28.1	26.2	25.0	25.6
26	29.4	26.9	28.0	28.5	27.9	28.3	28.8	26.5	27.6	25.0	23.0	23.8
27	30.5	28.2	28.9	28.3	27.0	27.6	28.5	27.3	27.9	23.5	22.1	23.0
28	30.9	28.2	29.3	27.7	26.3	26.8	28.8	28.1	28.4	23.6	22.4	23.0
29	30.6	28.2	29.7	27.2	26.2	26.8	28.6	28.1	28.4	22.6	21.1	21.9
30	30.6	28.8	29.8	27.0	26.4	26.7	28.8	27.5	28.0	21.1	20.0	20.5
31	---	---	---	27.4	25.4	26.4	28.4	27.4	27.8	---	---	---
MONTH	30.9	24.4	27.7	30.9	25.4	27.9	---	---	---	28.5	20.0	25.1

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.2	21.4	21.9	18.5	17.6	18.2	11.1	10.9	11.0	5.0	4.0	4.7
2	21.6	20.9	21.3	18.3	16.9	17.8	11.2	9.9	10.9	5.1	4.2	4.7
3	21.2	20.9	21.1	17.7	17.2	17.4	10.9	7.1	9.1	5.1	3.9	4.7
4	21.9	21.1	21.3	17.4	17.1	17.3	7.2	6.1	6.7	5.2	4.2	4.9
5	21.7	21.4	21.5	17.5	17.1	17.3	7.0	6.6	6.8	4.9	4.1	4.7
6	22.3	21.5	21.6	17.6	17.4	17.5	7.2	6.7	7.0	4.8	4.3	4.6
7	22.5	21.6	22.0	17.7	17.5	17.6	7.2	6.6	6.8	5.2	4.6	4.9
8	22.8	20.3	22.1	17.6	17.4	17.6	7.4	6.7	7.0	5.2	4.5	4.9
9	22.0	17.0	18.6	18.1	17.5	17.7	7.8	7.2	7.4	4.9	4.6	4.8
10	17.1	16.1	16.6	19.2	17.9	18.4	7.9	7.7	7.8	5.1	4.6	5.0
11	16.8	15.8	16.4	18.5	16.8	17.6	8.1	7.8	7.9	5.5	5.1	5.3
12	16.9	16.2	16.7	16.8	16.2	16.5	8.4	7.9	8.1	5.8	4.9	5.5
13	17.0	16.7	16.9	16.7	15.8	16.2	8.8	8.3	8.5	5.8	5.1	5.5
14	17.2	16.9	17.1	16.5	16.1	16.3	10.2	8.7	9.1	5.9	5.6	5.7
15	17.4	17.1	17.3	16.3	14.8	15.4	10.2	9.2	9.6	6.4	5.8	6.1
16	17.8	17.4	17.6	15.7	14.9	15.4	10.2	9.7	9.9	6.6	6.1	6.4
17	18.5	17.8	18.1	15.5	14.6	15.1	12.0	10.0	11.5	6.8	6.5	6.6
18	19.3	18.3	18.9	14.7	13.1	14.1	11.4	10.2	10.5	7.6	6.6	7.0
19	19.9	19.0	19.4	14.5	12.6	13.8	10.7	9.8	10.4	9.0	7.1	7.4
20	19.8	19.4	19.7	13.7	11.4	11.9	9.8	8.2	8.9	11.3	9.0	9.9
21	20.0	19.7	19.8	12.1	9.9	11.1	8.7	7.4	7.9	10.6	9.2	10.0
22	20.1	19.8	20.0	10.3	8.9	9.5	8.5	7.0	7.9	10.1	8.7	9.8
23	20.2	19.5	20.1	9.4	8.6	9.2	7.0	5.9	6.3	9.4	7.9	8.6
24	20.2	19.4	20.0	9.5	8.3	8.8	6.1	5.0	5.5	8.3	7.3	7.9
25	20.0	19.5	19.9	9.9	8.4	9.0	6.0	4.1	4.9	8.1	6.9	7.7
26	19.9	19.1	19.5	9.9	9.4	9.6	4.9	3.2	4.2	7.2	6.1	6.6
27	19.7	19.0	19.4	10.1	9.7	9.9	4.3	3.8	4.1	7.1	6.3	6.7
28	19.5	19.2	19.4	10.4	10.0	10.2	4.3	3.8	4.1	7.2	6.9	7.1
29	19.6	18.8	19.3	10.7	10.3	10.5	4.3	3.9	4.1	7.4	6.9	7.2
30	19.1	17.7	18.7	10.9	10.5	10.7	4.4	3.8	4.1	9.1	7.3	8.1
31	18.7	18.0	18.4	---	---	---	4.6	3.7	4.2	10.1	8.7	9.2
MONTH	22.8	15.8	19.4	19.2	8.3	14.3	12.0	3.2	7.5	11.3	3.9	6.5

0209318667 NEW RIVER AT CHANNEL LIGHT 50--Continued

TEMPERATURE, WATER (DEG. C), BOTTOM, 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	10.3	9.3	9.6	13.3	13.0	13.2	15.4	14.1	14.4	20.1	18.6	18.9
2	10.2	9.4	9.7	13.4	13.2	13.3	15.0	13.8	14.3	20.2	19.0	19.3
3	10.1	9.8	10.1	13.4	13.3	13.4	14.8	14.2	14.5	20.6	19.5	19.9
4	10.0	8.6	9.8	13.7	13.4	13.5	15.1	14.3	14.5	21.1	19.8	20.3
5	10.0	9.1	9.5	13.7	13.0	13.5	15.2	14.5	14.7	21.4	20.5	20.9
6	9.9	9.3	9.5	13.4	9.3	10.8	16.1	14.8	15.2	23.5	20.9	21.4
7	10.0	9.6	9.8	9.3	8.4	8.9	16.6	15.4	15.9	22.1	21.1	21.5
8	10.2	9.7	9.9	9.7	9.0	9.2	17.8	15.4	16.2	21.5	20.4	21.1
9	10.8	9.8	10.1	9.6	9.0	9.3	19.3	16.2	17.3	21.4	20.9	21.1
10	12.1	10.4	11.4	9.4	8.5	9.2	20.4	17.1	18.3	21.4	20.9	21.1
11	11.8	10.9	11.3	9.5	9.1	9.4	22.6	19.8	21.7	22.5	21.1	21.5
12	11.5	10.5	11.2	9.8	9.5	9.6	23.4	21.9	22.6	23.7	21.6	22.2
13	11.2	10.5	10.9	13.5	9.7	12.1	23.4	22.5	22.9	23.4	22.3	22.7
14	11.2	10.7	11.0	13.3	12.4	12.8	23.6	22.6	23.0	23.5	22.6	23.1
15	11.3	10.9	11.1	13.7	12.8	13.1	23.3	22.5	22.7	23.5	23.2	23.3
16	14.2	11.1	11.9	14.1	13.1	13.3	22.8	21.4	22.0	23.5	23.2	23.3
17	15.0	13.0	14.3	14.6	13.4	13.8	21.6	18.5	20.7	23.3	22.9	23.2
18	13.9	12.2	12.7	15.5	13.6	14.4	18.5	16.6	17.2	23.2	22.6	22.9
19	12.7	11.1	12.1	14.8	13.4	14.1	17.0	16.1	16.7	23.0	22.4	22.6
20	12.4	11.4	11.8	13.5	12.2	12.7	17.1	16.1	16.6	23.3	22.5	22.7
21	12.7	11.9	12.0	---	---	---	18.3	16.8	17.4	25.0	22.8	23.6
22	12.7	11.1	12.1	13.6	12.4	12.9	20.2	17.9	18.6	25.8	24.4	24.9
23	11.3	10.2	10.6	13.4	12.6	13.1	21.0	19.0	19.8	25.4	25.1	25.2
24	12.1	10.6	11.1	14.9	13.1	13.7	21.9	20.5	21.1	25.4	25.1	25.2
25	12.5	10.7	11.6	14.2	13.6	13.8	21.2	19.4	20.6	26.5	25.1	25.7
26	13.5	12.0	12.4	13.9	13.0	13.5	19.4	17.8	18.5	26.1	25.5	25.8
27	13.6	12.5	12.7	13.5	11.9	12.9	18.5	17.7	18.1	26.0	25.3	25.6
28	13.6	12.7	12.9	13.1	12.6	12.9	18.7	18.1	18.3	25.6	25.1	25.3
29	---	---	---	13.1	12.6	12.9	19.3	18.4	18.7	25.2	25.0	25.1
30	---	---	---	14.0	13.0	13.5	18.7	17.6	18.3	25.0	24.6	24.8
31	---	---	---	15.4	13.6	14.2	---	---	---	25.0	24.6	24.7
MONTH	15.0	8.6	11.2	---	---	---	23.6	13.8	18.4	26.5	18.6	22.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	25.5	24.7	25.0	29.1	28.3	28.6	26.8	26.6	26.7	27.8	27.4	27.6
2	25.4	25.1	25.3	29.2	28.7	29.0	26.8	26.7	26.7	27.8	27.3	27.5
3	25.7	25.3	25.4	28.9	28.0	28.5	26.9	26.7	26.8	27.3	26.6	27.0
4	26.3	25.5	26.0	29.0	28.1	28.5	27.1	26.8	26.9	---	---	---
5	26.5	25.9	26.3	28.8	28.4	28.6	27.4	27.0	27.1	27.1	27.0	27.0
6	26.6	26.2	26.3	28.6	28.4	28.5	28.2	27.2	27.6	27.0	26.9	26.9
7	27.4	26.4	26.8	28.4	27.8	28.3	28.6	27.9	28.2	27.0	26.9	26.9
8	27.7	27.2	27.5	28.3	27.9	28.1	29.5	28.4	28.9	27.0	26.9	27.0
9	27.7	27.4	27.5	27.9	27.6	27.7	31.4	29.0	29.7	27.2	26.9	27.1
10	27.5	27.1	27.3	27.9	27.6	27.7	31.6	30.7	31.1	27.0	26.8	26.9
11	27.4	26.9	27.2	28.0	27.6	27.7	31.2	30.3	30.7	27.5	26.9	27.0
12	27.5	27.1	27.3	28.0	27.7	27.8	30.9	29.8	30.4	27.3	27.1	27.2
13	28.9	27.2	27.9	28.1	27.9	28.0	30.5	29.7	30.1	27.5	27.2	27.4
14	28.3	27.1	27.6	28.1	27.9	28.0	30.1	29.3	29.9	27.5	27.1	27.4
15	27.1	26.5	26.8	27.9	27.8	27.9	30.0	29.6	29.8	27.3	24.3	25.9
16	26.9	26.4	26.7	27.9	27.8	27.8	29.6	29.5	29.6	24.6	22.7	23.2
17	26.8	26.4	26.6	28.2	27.8	28.0	29.6	29.3	29.5	22.9	22.4	22.7
18	26.8	26.6	26.7	28.2	28.0	28.1	30.1	29.5	29.7	22.6	22.3	22.5
19	27.1	26.6	26.8	28.3	28.0	28.1	---	---	---	22.8	22.5	22.6
20	27.1	26.6	26.9	28.5	27.9	28.0	---	---	---	23.0	22.8	22.9
21	27.5	26.8	27.1	28.0	27.0	27.5	29.0	28.7	28.9	23.1	23.0	23.0
22	28.1	27.1	27.4	27.7	27.5	27.6	28.9	28.6	28.7	23.5	23.1	23.3
23	28.1	27.5	27.9	27.6	27.5	27.5	29.0	28.5	28.8	23.9	23.4	23.6
24	28.0	27.8	27.9	28.1	27.4	27.6	28.9	28.8	28.9	26.0	23.8	24.3
25	28.0	27.7	27.9	28.5	27.6	27.9	28.9	28.8	28.9	25.6	24.8	25.1
26	27.8	27.6	27.7	28.8	27.9	28.3	28.9	28.6	28.7	25.0	23.7	24.2
27	28.5	27.6	28.0	28.4	28.0	28.3	28.7	28.3	28.5	24.1	23.4	23.9
28	28.3	27.9	28.0	28.1	27.2	27.8	28.6	28.4	28.5	23.9	22.9	23.5
29	28.5	28.1	28.2	27.7	27.2	27.4	28.6	28.0	28.3	23.5	21.1	22.0
30	28.7	28.2	28.4	27.4	26.8	27.0	28.2	27.7	28.1	21.1	20.0	20.4
31	---	---	---	26.9	26.7	26.8	27.9	27.3	27.6	---	---	---
MONTH	28.9	24.7	27.1	29.2	26.7	28.0	---	---	---	---	---	---

NEW RIVER BASIN

0209318667 NEW RIVER AT CHANNEL LIGHT 50--Continued

OXYGEN DISSOLVED (MG/L), TOP, 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	8.3	6.9	7.8	8.5	7.2	7.9	10.4	9.1	9.6	12.3	11.7	12.0
2	8.4	7.2	7.9	8.4	7.3	7.9	10.4	9.3	9.7	12.1	11.8	12.0
3	8.7	5.0	7.8	8.7	6.4	7.9	10.5	9.1	9.8	12.2	11.7	12.0
4	9.1	5.4	8.0	8.8	6.9	8.1	10.9	10.2	10.6	12.4	12.0	12.2
5	10.6	6.9	8.4	8.7	5.7	7.2	11.2	10.1	10.7	12.3	11.7	12.0
6	10.0	7.9	9.1	8.8	6.2	7.0	11.4	10.0	10.7	11.8	11.3	11.6
7	9.6	6.6	7.9	8.7	5.5	7.6	11.5	10.2	11.0	11.8	11.2	11.6
8	8.3	6.3	7.4	9.1	6.2	7.9	11.2	9.3	10.8	11.7	10.6	11.5
9	9.3	7.2	8.4	8.8	7.0	8.4	11.4	10.2	10.9	11.0	10.4	10.8
10	10.2	8.8	9.4	8.6	7.1	7.6	11.1	10.3	10.7	11.0	9.7	10.5
11	11.7	9.6	10.4	7.9	7.1	7.5	11.2	10.1	10.6	11.4	10.5	10.9
12	11.4	9.8	10.7	8.2	7.3	7.7	11.1	10.2	10.6	11.4	10.8	11.1
13	---	---	---	8.4	7.4	8.0	10.8	9.6	10.3	10.9	9.8	10.4
14	---	---	---	8.3	7.6	7.9	10.5	9.6	10.1	---	---	---
15	---	---	---	8.6	7.4	8.0	10.1	9.5	9.8	---	---	---
16	---	---	---	9.3	7.9	8.5	10.3	9.4	9.8	---	---	---
17	---	---	---	9.1	7.6	8.4	10.2	9.2	9.7	---	---	---
18	---	---	---	8.8	7.1	8.2	10.1	9.2	9.6	---	---	---
19	---	---	---	8.3	7.9	8.1	10.1	9.0	9.7	---	---	---
20	---	---	---	8.9	7.6	8.4	10.4	9.3	10.0	---	---	---
21	---	---	---	9.3	8.4	8.8	11.1	10.1	10.5	---	---	---
22	---	---	---	9.4	8.6	9.0	11.3	10.1	10.6	---	---	---
23	---	---	---	9.6	8.9	9.3	11.4	10.5	11.0	---	---	---
24	---	---	---	9.6	9.1	9.4	12.4	11.1	11.6	---	---	---
25	---	---	---	9.6	9.1	9.4	12.5	11.1	11.6	---	---	---
26	7.3	6.2	6.9	9.4	8.9	9.1	12.3	11.6	12.0	---	---	---
27	7.6	5.0	6.6	9.4	8.7	9.1	12.6	11.9	12.1	---	---	---
28	8.4	6.7	7.4	9.8	8.3	9.0	12.2	11.1	11.8	---	---	---
29	8.0	6.7	7.4	9.6	8.5	9.1	12.0	11.2	11.7	---	---	---
30	8.0	7.0	7.6	9.5	8.9	9.2	12.0	11.5	11.7	---	---	---
31	8.2	7.2	7.8	---	---	---	12.0	11.6	11.8	---	---	---
MONTH	---	---	---	9.8	5.5	8.3	12.6	9.0	10.7	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	---	---	---	10.4	8.3	9.2	8.7	8.0	8.3
2	---	---	---	---	---	---	10.3	8.6	9.5	8.6	7.7	8.2
3	---	---	---	---	---	---	10.9	9.3	10.0	8.9	7.4	8.2
4	---	---	---	---	---	---	10.2	9.4	9.8	8.4	7.6	8.0
5	---	---	---	---	---	---	10.9	7.6	9.9	8.1	7.3	7.7
6	---	---	---	---	---	---	10.4	8.9	9.8	8.1	7.3	7.7
7	---	---	---	---	---	---	10.1	8.4	9.3	8.0	7.3	7.6
8	---	---	---	---	---	---	9.4	8.4	8.9	8.5	7.2	7.9
9	---	---	---	11.9	10.4	11.4	10.1	8.3	8.9	8.4	7.3	8.0
10	---	---	---	14.0	10.6	11.6	8.9	7.4	8.3	8.4	6.4	7.8
11	---	---	---	13.4	11.4	12.2	8.0	7.1	7.7	8.0	6.5	7.6
12	---	---	---	13.4	9.8	12.2	7.7	6.7	7.2	7.8	6.5	7.3
13	---	---	---	12.5	10.1	10.7	7.5	6.6	6.9	7.6	6.2	7.0
14	---	---	---	11.7	10.0	10.6	8.4	6.8	7.5	7.6	5.4	6.7
15	---	---	---	11.5	9.7	10.1	8.1	6.9	7.6	7.8	5.8	6.9
16	---	---	---	10.1	8.8	9.6	8.3	6.6	7.4	8.2	7.1	7.5
17	---	---	---	10.4	8.7	9.5	7.9	6.8	7.4	7.7	6.8	7.4
18	---	---	---	9.9	8.0	9.0	8.9	7.5	8.1	8.6	4.9	7.4
19	---	---	---	10.1	9.0	9.6	9.4	8.3	8.8	8.2	5.9	7.6
20	---	---	---	9.8	9.1	9.4	9.3	8.2	8.8	7.7	5.9	7.2
21	---	---	---	---	---	---	9.1	8.6	8.9	7.3	6.5	6.9
22	---	---	---	9.7	8.9	9.3	9.1	8.3	8.7	7.1	6.3	6.7
23	---	---	---	10.0	9.0	9.4	9.0	8.2	8.7	7.7	6.3	6.8
24	---	---	---	9.9	8.6	9.6	8.6	8.1	8.3	8.1	6.3	7.0
25	---	---	---	9.8	8.7	9.0	8.2	7.6	7.9	7.3	5.9	6.8
26	---	---	---	9.9	8.7	9.3	9.0	7.8	8.4	6.8	6.0	6.4
27	---	---	---	10.1	9.1	9.6	9.4	8.4	8.9	7.2	5.6	6.5
28	---	---	---	10.7	9.4	10.1	9.3	8.7	8.9	6.7	6.0	6.4
29	---	---	---	10.3	8.9	9.7	8.9	8.2	8.5	7.5	5.6	6.5
30	---	---	---	9.6	8.3	8.9	8.7	8.0	8.3	7.8	6.4	7.1
31	---	---	---	10.0	7.8	9.0	---	---	---	7.6	6.5	6.9
MONTH	---	---	---	---	---	---	10.9	6.6	8.6	8.9	4.9	7.3

NEW RIVER BASIN

587

0209318667 NEW RIVER AT CHANNEL LIGHT 50--Continued

OXYGEN DISSOLVED (MG/L), TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.3	6.0	6.6	6.6	4.5	5.8	8.9	6.0	7.5	7.3	4.4	6.2
2	7.0	5.7	6.3	6.4	5.3	5.9	8.2	6.4	7.3	7.6	6.0	6.6
3	---	---	---	6.4	5.2	5.9	8.9	6.5	7.6	6.6	4.2	5.5
4	---	---	---	6.8	5.6	6.2	10.1	5.8	7.7	7.2	5.2	6.1
5	8.8	6.3	7.4	7.4	5.6	6.2	8.6	5.6	7.4	7.4	5.0	6.2
6	9.4	5.9	7.6	7.0	5.0	6.2	7.9	5.5	7.2	8.3	4.4	6.9
7	9.0	5.1	6.8	7.4	5.2	6.4	8.2	4.5	7.1	8.0	4.7	6.7
8	7.1	4.8	6.2	7.5	3.0	6.4	9.3	5.9	7.5	8.0	6.4	7.2
9	7.3	3.7	5.9	7.3	3.9	6.0	7.7	6.3	6.9	7.0	5.5	6.4
10	7.5	3.1	6.4	7.7	2.3	6.1	7.1	5.8	6.3	7.2	5.5	6.5
11	7.9	5.9	6.8	8.3	6.8	7.5	6.4	5.5	6.0	8.2	5.3	6.6
12	7.6	6.0	6.6	7.9	3.6	6.9	7.2	5.3	6.1	7.0	4.3	6.0
13	7.0	5.8	6.3	7.2	6.0	6.6	6.7	5.5	5.9	6.9	4.3	5.8
14	7.0	5.9	6.3	7.6	4.9	6.4	8.2	5.1	6.0	7.6	3.9	6.3
15	8.1	5.9	6.7	7.9	4.7	6.8	8.2	5.8	6.7	6.7	4.6	5.9
16	7.8	6.3	7.0	7.7	5.5	7.2	9.5	6.0	7.2	6.8	5.6	6.2
17	8.9	6.3	7.0	7.3	3.8	6.5	8.6	4.8	7.2	9.0	5.6	6.7
18	9.2	5.5	7.4	7.1	5.2	6.4	7.7	6.1	6.7	7.3	4.8	6.4
19	10.9	6.0	8.3	7.0	6.0	6.5	---	---	---	7.3	4.7	6.2
20	9.1	6.7	8.3	7.3	5.7	6.5	---	---	---	7.6	6.3	6.9
21	8.6	5.6	7.7	7.6	5.9	6.7	8.2	6.3	7.2	8.2	4.0	7.2
22	8.4	6.2	7.2	7.8	6.0	7.1	9.6	4.1	7.5	8.2	3.0	6.3
23	7.4	6.0	6.8	7.5	4.6	6.5	9.4	4.2	7.7	8.1	3.6	5.9
24	7.3	5.8	6.7	7.3	6.2	6.8	8.5	4.2	6.3	7.5	3.1	6.3
25	8.1	6.3	7.2	7.4	5.9	6.7	7.7	5.1	6.2	6.2	4.8	5.5
26	---	---	---	7.3	6.2	6.7	10.6	6.0	7.3	6.0	4.7	5.5
27	---	---	---	7.2	6.2	6.7	7.7	4.9	6.6	6.3	5.0	5.5
28	---	---	---	8.0	6.1	6.9	7.4	5.7	6.3	5.8	4.6	5.2
29	7.7	3.6	6.2	8.5	6.0	7.2	6.4	5.2	5.8	6.1	4.7	5.3
30	6.9	4.9	6.1	8.0	6.6	7.1	7.5	5.0	5.8	6.5	5.3	5.9
31	---	---	---	8.5	6.4	7.2	7.9	4.6	5.7	---	---	---
MONTH	---	---	---	8.5	2.3	6.6	---	---	---	9.0	3.0	6.2

OXYGEN DISSOLVED (MG/L), BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	4.9	2.5	3.6	4.7	1.3	3.0	7.3	5.7	6.6	10.3	8.5	8.9
2	5.4	4.0	4.7	5.0	1.4	2.7	9.9	5.4	6.5	9.9	7.9	8.5
3	5.4	3.6	4.5	3.6	1.6	2.5	10.8	5.2	8.5	9.8	7.8	8.5
4	4.2	2.4	3.4	2.9	1.4	2.1	11.8	10.1	11.1	9.2	6.4	8.0
5	2.5	1.2	2.0	3.8	2.2	3.2	11.4	10.4	10.9	8.7	7.2	8.0
6	3.9	.9	1.6	3.9	2.9	3.4	11.3	9.8	10.4	8.9	7.7	8.3
7	2.8	.6	1.1	3.6	2.0	2.9	11.6	9.7	10.8	8.5	7.3	7.8
8	5.0	.5	2.2	4.4	2.3	3.0	11.0	9.2	10.5	8.6	7.2	7.8
9	8.0	1.5	6.2	4.3	1.7	2.6	10.6	8.2	9.8	10.1	7.2	9.1
10	8.1	6.9	7.4	8.0	1.7	4.4	10.1	8.4	9.1	10.0	9.4	9.7
11	8.2	6.8	7.3	8.3	7.6	8.0	9.4	7.8	8.7	10.0	8.8	9.3
12	7.2	6.1	6.5	8.1	6.4	7.6	9.7	8.0	8.6	10.0	8.0	8.7
13	7.0	5.0	5.9	8.2	5.7	7.1	8.9	7.0	8.2	10.6	7.6	8.6
14	5.9	3.6	4.6	7.8	5.2	6.3	10.8	6.7	8.0	9.9	7.5	8.6
15	5.2	2.7	3.6	8.1	4.3	6.3	10.0	7.1	7.5	9.9	7.4	8.3
16	3.7	2.2	2.6	6.8	3.4	5.3	9.2	6.5	7.6	---	---	---
17	3.2	2.1	2.6	7.1	4.3	5.7	10.3	6.5	9.6	---	---	---
18	3.2	1.8	2.7	8.4	5.5	6.6	10.1	8.1	9.4	---	---	---
19	2.4	1.0	1.7	7.7	4.9	5.9	9.2	7.9	8.5	---	---	---
20	1.2	.4	.6	9.0	5.2	7.9	10.0	8.3	9.4	---	---	---
21	.6	.4	.5	10.0	7.3	8.7	10.1	8.8	9.7	---	---	---
22	.5	.4	.5	10.1	9.4	9.8	10.3	8.8	9.6	---	---	---
23	1.2	.5	.5	10.2	9.1	9.6	11.1	10.2	10.6	---	---	---
24	1.5	.5	.6	10.3	8.8	9.7	11.0	9.9	10.7	---	---	---
25	1.7	.1	.6	10.1	9.6	9.9	11.6	9.7	11.1	---	---	---
26	6.6	.1	3.0	9.8	9.2	9.5	11.5	9.5	10.9	---	---	---
27	5.7	.5	3.4	9.4	8.5	9.0	11.1	10.2	10.6	---	---	---
28	6.3	2.6	4.4	9.0	7.1	8.3	11.8	10.0	10.5	---	---	---
29	5.0	2.7	4.0	8.3	6.9	7.6	10.5	9.7	10.1	---	---	---
30	5.8	3.9	4.5	8.6	6.4	7.3	10.5	9.2	9.6	---	---	---
31	5.1	2.8	4.0	---	---	---	10.6	8.7	9.6	---	---	---
MONTH	8.2	.1	3.3	10.3	1.3	6.2	11.8	5.2	9.4	---	---	---

NEW RIVER BASIN

0209318667 NEW RIVER AT CHANNEL LIGHT 50--Continued

OXYGEN DISSOLVED (MG/L), BOTTOM, 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	---	---	---	6.9	5.1	6.2	9.0	5.8	7.1	7.0	3.6	4.5
2	---	---	---	7.4	4.7	5.6	9.7	7.5	8.9	---	---	---
3	---	---	---	5.5	2.9	4.2	9.5	6.3	8.2	---	---	---
4	---	---	---	5.1	2.5	4.1	8.1	5.7	6.9	---	---	---
5	---	---	---	8.0	2.8	4.4	7.5	5.4	6.6	---	---	---
6	---	---	---	8.3	3.1	7.4	9.1	4.0	5.8	---	---	---
7	---	---	---	8.7	7.2	8.2	8.6	3.4	5.7	---	---	---
8	---	---	---	11.3	7.5	8.9	6.4	2.9	4.5	---	---	---
9	---	---	---	10.8	7.4	9.3	7.0	2.8	4.2	---	---	---
10	---	---	---	10.3	7.4	8.8	6.6	2.1	3.7	---	---	---
11	---	---	---	9.4	6.9	8.2	7.8	2.6	6.5	---	---	---
12	---	---	---	7.6	5.7	6.8	7.8	6.5	7.2	---	---	---
13	---	---	---	10.6	5.1	9.6	7.5	6.2	6.9	---	---	---
14	9.7	5.2	6.8	9.7	7.9	8.8	6.9	3.0	4.7	---	---	---
15	6.7	4.6	5.4	8.1	5.3	6.7	6.9	2.5	3.6	---	---	---
16	10.9	4.5	5.4	7.9	3.6	5.1	8.0	2.3	5.3	3.7	1.1	2.6
17	10.0	5.3	9.0	7.9	3.4	4.9	7.5	1.6	5.3	2.6	1.4	1.7
18	9.8	8.8	9.2	9.0	3.6	6.1	8.5	7.3	7.8	2.2	1.4	1.8
19	9.5	7.6	8.7	9.9	5.3	8.2	8.9	6.3	7.8	3.8	.4	2.0
20	10.3	7.5	9.0	9.7	8.8	9.2	9.1	7.4	8.4	3.5	.7	1.6
21	10.0	7.0	8.5	---	---	---	9.2	8.1	8.7	6.9	.4	2.5
22	9.8	6.2	8.1	9.2	6.4	8.1	8.9	7.8	8.5	6.9	5.3	6.2
23	9.7	6.2	8.5	9.3	5.2	7.9	9.0	8.2	8.7	6.3	2.8	4.6
24	10.5	4.8	6.8	9.3	5.6	7.0	8.9	7.9	8.5	3.9	1.7	2.9
25	9.8	5.1	7.3	8.3	4.7	5.9	8.6	7.9	8.3	6.0	.9	3.3
26	9.6	7.0	8.5	8.4	4.6	6.5	9.4	8.2	8.9	5.4	3.6	4.7
27	9.8	6.4	7.4	8.2	5.4	6.8	9.3	7.1	8.1	5.9	2.8	4.2
28	9.7	5.1	6.5	7.2	4.7	5.7	7.9	6.4	6.9	6.2	3.5	4.7
29	---	---	---	9.3	4.5	6.0	8.9	4.2	6.2	5.2	2.5	3.7
30	---	---	---	8.9	7.9	8.4	9.1	2.9	6.7	---	---	---
31	---	---	---	9.3	6.6	7.9	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	9.7	1.6	6.8	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	1.0	.0	.1	3.8	2.3	3.0	6.0	2.4	4.3
2	---	---	---	.8	.0	.1	3.5	2.0	2.7	7.2	2.3	3.8
3	---	---	---	4.1	.0	1.1	3.0	1.6	2.0	7.0	4.8	5.6
4	---	---	---	6.5	.9	3.7	2.2	1.0	1.5	---	---	---
5	4.0	1.1	2.6	6.1	3.5	4.5	1.9	1.0	1.3	2.9	2.0	2.5
6	2.3	.6	1.1	3.8	1.4	2.4	2.0	.5	1.2	3.1	.8	1.8
7	1.4	.3	.8	1.9	.6	1.1	2.0	.5	1.1	1.0	.7	.8
8	1.4	.2	.7	1.4	.4	.9	3.5	.7	1.5	1.1	.1	.4
9	.7	.1	.4	1.5	.5	.9	5.6	1.0	2.1	4.8	.2	1.1
10	.6	.1	.2	1.2	.1	.5	6.1	4.1	5.2	4.9	.4	1.9
11	.8	.1	.3	.9	.0	.2	5.8	4.5	5.3	3.0	.4	1.2
12	1.2	.2	.7	.3	.1	.2	6.2	4.3	5.2	1.4	.6	.9
13	6.6	.3	2.8	.2	.1	.1	5.6	4.2	5.1	1.0	.5	.7
14	6.2	4.1	5.4	1.3	.1	.4	5.5	3.4	4.5	.9	.6	.7
15	6.6	4.0	5.5	2.4	.3	.7	3.7	2.3	3.1	6.6	.7	3.3
16	5.5	3.2	4.6	1.2	.2	.3	3.2	1.7	2.2	7.1	4.0	6.4
17	4.6	3.2	3.6	1.5	.2	.5	6.7	1.7	2.6	6.5	4.8	5.5
18	3.2	.8	2.4	3.3	.3	1.1	4.2	1.7	2.7	5.1	4.1	4.6
19	2.3	.3	1.1	3.0	.4	1.1	---	---	---	4.3	3.3	3.8
20	.9	.1	.3	5.9	.4	1.3	---	---	---	3.4	2.1	2.7
21	.7	.1	.3	6.0	1.6	3.7	6.2	2.2	4.1	2.4	1.1	1.8
22	1.6	.1	.4	4.1	2.6	3.2	5.5	1.9	2.9	2.0	.5	1.1
23	2.3	.1	1.2	3.2	2.2	2.6	3.0	1.5	2.3	2.1	.6	1.1
24	2.1	.6	1.1	6.8	1.5	3.3	1.8	.8	1.4	6.9	.6	1.8
25	2.1	.9	1.5	6.0	3.9	5.0	1.1	.6	.8	4.9	1.6	2.6
26	1.8	.1	.6	6.3	3.8	5.2	1.6	.6	.9	6.3	1.7	4.3
27	4.3	.1	.9	4.4	2.9	3.6	1.5	.7	.8	5.8	2.7	3.7
28	1.5	.1	.5	4.5	2.9	3.4	5.2	.8	1.3	6.4	2.8	4.0
29	.6	.1	.1	4.7	2.5	3.5	5.5	1.5	3.4	7.0	3.6	6.1
30	.4	.0	.1	4.6	2.5	3.4	5.0	1.1	2.3	7.2	6.4	6.9
31	---	---	---	4.5	3.0	3.6	5.8	3.9	4.6	---	---	---
MONTH	---	---	---	6.8	.0	2.0	---	---	---	---	---	---

0209318667 NEW RIVER AT CHANNEL LIGHT 50--Continued

OXYGEN DISSOLVED (% OF SATURATION), TOP, 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	93	77	87	88	73	81	93	81	85	91	85	88
2	96	80	89	87	75	81	92	82	86	90	87	89
3	102	57	89	89	67	81	87	78	84	91	85	88
4	107	62	93	90	71	83	89	83	86	91	88	90
5	128	80	100	90	59	75	92	83	87	91	88	89
6	123	95	110	90	65	72	95	83	88	90	84	88
7	116	77	94	91	57	79	98	85	91	91	84	88
8	93	71	83	97	65	82	97	78	91	92	83	88
9	99	78	89	93	74	89	96	87	92	86	80	84
10	103	91	97	93	77	82	94	86	90	85	74	81
11	124	97	106	82	75	79	95	85	89	89	81	85
12	120	99	110	85	75	79	97	88	92	90	85	87
13	---	---	---	86	75	81	94	82	88	87	78	83
14	---	---	---	85	77	81	92	82	89	---	---	---
15	---	---	---	85	73	79	91	85	88	---	---	---
16	---	---	---	92	76	83	93	84	88	---	---	---
17	---	---	---	89	74	82	93	84	89	---	---	---
18	---	---	---	84	68	78	92	82	86	---	---	---
19	---	---	---	77	74	76	89	81	86	---	---	---
20	---	---	---	82	70	77	90	82	86	---	---	---
21	---	---	---	83	77	79	95	84	89	---	---	---
22	---	---	---	81	76	78	94	85	89	---	---	---
23	---	---	---	83	77	79	92	86	89	---	---	---
24	---	---	---	83	78	81	99	88	92	---	---	---
25	---	---	---	84	78	81	96	87	91	---	---	---
26	79	67	74	84	79	82	94	87	91	---	---	---
27	83	55	72	84	77	82	96	90	92	---	---	---
28	93	72	81	90	74	82	92	85	90	---	---	---
29	87	72	79	89	77	83	91	84	88	---	---	---
30	85	73	79	86	80	84	91	87	89	---	---	---
31	86	75	80	---	---	---	89	86	87	---	---	---
MONTH	---	---	---	97	57	80	99	78	89	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	108	82	94	98	86	91
2	---	---	---	---	---	---	102	85	93	99	86	92
3	---	---	---	---	---	---	107	91	98	101	84	93
4	---	---	---	---	---	---	102	92	97	97	89	93
5	---	---	---	---	---	---	110	76	99	96	85	91
6	---	---	---	---	---	---	106	89	99	95	86	91
7	---	---	---	---	---	---	106	86	98	89	82	86
8	---	---	---	---	---	---	105	90	98	96	80	88
9	---	---	---	106	91	100	115	92	100	97	83	90
10	---	---	---	127	90	101	102	84	95	96	73	89
11	---	---	---	121	99	108	92	82	88	95	75	89
12	---	---	---	122	86	111	90	79	83	92	77	86
13	---	---	---	115	96	101	89	77	81	90	74	83
14	---	---	---	116	96	103	99	80	88	91	63	78
15	---	---	---	114	95	100	95	79	89	91	67	80
16	---	---	---	100	86	95	94	75	84	96	81	87
17	---	---	---	105	86	96	87	76	82	88	77	84
18	---	---	---	102	79	90	92	78	85	99	57	83
19	---	---	---	98	88	93	96	84	89	96	70	90
20	---	---	---	93	85	89	96	84	91	93	70	87
21	---	---	---	---	---	---	97	89	93	88	78	84
22	---	---	---	94	85	88	101	88	94	87	76	81
23	---	---	---	99	86	91	102	92	96	95	77	83
24	---	---	---	98	84	94	98	91	94	104	76	87
25	---	---	---	96	84	88	93	85	89	92	74	84
26	---	---	---	93	84	88	96	84	89	85	74	79
27	---	---	---	96	84	89	102	88	94	90	69	80
28	---	---	---	101	87	94	102	91	96	82	74	78
29	---	---	---	96	86	91	97	88	92	91	68	79
30	---	---	---	97	83	88	95	84	89	95	78	86
31	---	---	---	104	77	92	---	---	---	93	80	84
MONTH	---	---	---	---	---	---	115	75	92	104	57	86

NEW RIVER BASIN

0209318667 NEW RIVER AT CHANNEL LIGHT 50--Continued

OXYGEN DISSOLVED (% OF SATURATION), TOP, 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	89	73	80	89	59	76	114	75	94	93	56	79
2	86	69	77	86	69	77	104	80	91	96	75	83
3	---	---	---	83	67	76	113	81	96	83	52	69
4	---	---	---	89	71	80	133	74	99	90	65	76
5	114	78	94	97	72	81	111	72	96	94	62	77
6	123	74	98	91	65	80	106	71	94	105	54	87
7	118	64	87	95	65	82	109	59	94	101	59	84
8	90	59	79	95	38	80	127	78	100	101	80	90
9	93	47	74	94	50	76	104	85	94	88	70	81
10	96	40	81	101	29	79	96	78	86	93	70	82
11	103	75	87	109	88	99	86	74	81	105	68	85
12	99	77	86	106	46	91	97	70	81	88	55	76
13	91	75	82	92	75	85	89	72	78	86	54	73
14	89	75	81	96	61	80	109	68	79	95	49	78
15	101	74	84	101	60	86	110	74	88	80	56	71
16	99	78	88	100	70	91	125	79	94	81	66	73
17	114	80	89	94	49	83	112	64	95	106	64	77
18	119	70	95	93	67	83	103	80	90	86	56	74
19	145	77	107	92	78	85	---	---	---	86	55	73
20	119	86	106	94	72	83	---	---	---	90	74	81
21	112	71	100	98	75	85	108	81	93	101	47	86
22	110	81	94	100	76	90	128	54	98	102	36	76
23	96	77	87	95	59	83	125	55	102	101	43	73
24	93	74	85	94	79	86	113	55	83	93	38	78
25	105	80	91	96	76	86	100	65	80	76	59	68
26	---	---	---	95	80	87	137	76	93	71	55	65
27	---	---	---	91	80	85	100	63	84	74	58	65
28	---	---	---	101	77	87	97	73	81	67	54	61
29	102	48	82	107	76	91	83	66	74	69	53	60
30	92	65	80	100	82	89	97	64	75	73	58	66
31	---	---	---	108	78	90	102	58	73	---	---	---
MONTH	---	---	---	109	29	84	---	---	---	106	36	76

OXYGEN DISSOLVED (% OF SATURATION), BOTTOM, 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	56	29	41	49	14	31	66	52	60	79	66	70
2	60	46	53	52	15	28	88	49	59	76	61	67
3	60	40	51	38	17	27	90	47	74	76	60	66
4	47	27	38	30	14	22	97	83	91	71	51	63
5	28	14	22	40	23	34	93	85	90	67	56	62
6	46	10	18	41	30	35	92	81	86	69	60	64
7	32	7	13	38	21	30	95	80	89	66	58	61
8	56	5	25	46	24	31	90	77	86	67	57	61
9	85	17	66	45	18	27	88	68	82	79	57	71
10	84	71	76	86	18	47	85	71	77	79	74	76
11	85	70	75	87	80	84	79	66	73	79	69	74
12	74	63	67	83	66	78	82	68	73	79	64	69
13	72	52	61	84	58	73	77	60	70	85	61	68
14	62	38	47	79	53	64	96	58	69	79	60	69
15	54	28	38	80	44	63	90	62	66	81	60	67
16	39	23	27	68	35	53	82	58	67	---	---	---
17	34	23	28	70	43	56	94	58	88	---	---	---
18	34	20	29	80	54	65	91	73	84	---	---	---
19	26	11	18	73	47	57	82	71	76	---	---	---
20	14	4	7	83	50	73	87	73	81	---	---	---
21	6	4	5	90	67	79	85	75	82	---	---	---
22	5	5	5	88	83	86	85	75	81	---	---	---
23	13	5	5	88	79	83	90	83	86	---	---	---
24	17	5	6	89	77	84	88	79	85	---	---	---
25	18	1	7	88	83	86	89	78	87	---	---	---
26	72	1	33	86	81	84	88	74	84	---	---	---
27	62	5	37	83	76	80	84	79	81	---	---	---
28	69	29	48	80	64	74	91	77	81	---	---	---
29	54	29	43	74	62	68	80	74	77	---	---	---
30	61	41	48	78	58	66	80	71	74	---	---	---
31	54	30	42	---	---	---	81	68	74	---	---	---
MONTH	85	1	35	90	14	59	97	47	78	---	---	---

NEW RIVER BASIN

0209318667 NEW RIVER AT CHANNEL LIGHT 50--Continued

OXYGEN DISSOLVED (% OF SATURATION), BOTTOM, 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	---	---	---	66	49	60	89	58	70	77	39	48
2	---	---	---	71	45	53	95	73	87	---	---	---
3	---	---	---	53	28	40	94	61	81	---	---	---
4	---	---	---	49	24	39	81	56	68	---	---	---
5	---	---	---	76	27	43	74	54	65	---	---	---
6	---	---	---	73	29	67	91	40	58	---	---	---
7	---	---	---	76	63	71	88	34	58	---	---	---
8	---	---	---	99	65	77	66	29	46	---	---	---
9	---	---	---	94	65	81	76	29	44	---	---	---
10	---	---	---	88	65	76	73	22	39	---	---	---
11	---	---	---	82	61	71	91	29	74	---	---	---
12	---	---	---	67	50	59	91	74	83	---	---	---
13	---	---	---	101	45	90	88	72	80	---	---	---
14	88	48	62	92	75	83	81	34	55	---	---	---
15	61	41	49	76	51	64	81	29	42	---	---	---
16	107	41	50	77	34	49	91	26	61	44	13	30
17	98	51	88	77	32	48	82	18	59	30	16	20
18	92	82	87	89	35	60	88	75	81	26	17	21
19	90	71	81	96	52	80	92	65	81	44	5	23
20	96	69	83	93	83	87	95	77	86	41	8	19
21	93	65	79	---	---	---	98	85	91	84	5	30
22	92	58	76	87	60	77	98	84	91	85	64	75
23	87	56	76	89	50	76	100	90	95	77	34	56
24	98	44	62	93	53	68	102	88	96	47	20	35
25	92	46	67	80	45	58	96	88	92	75	11	41
26	92	65	80	80	44	62	101	88	95	67	45	58
27	94	60	70	78	52	64	99	75	86	73	35	52
28	94	48	62	68	45	54	84	68	74	76	43	58
29	---	---	---	88	43	57	97	45	66	64	31	45
30	---	---	---	86	76	81	97	31	71	---	---	---
31	---	---	---	93	64	77	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	102	18	72	---	---	---
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	13	0	2	48	29	37	76	30	55
2	---	---	---	10	0	2	44	25	34	92	29	49
3	---	---	---	53	0	15	37	20	25	88	60	70
4	---	---	---	85	12	48	27	13	19	---	---	---
5	50	14	32	79	45	59	24	13	16	37	25	31
6	28	7	14	49	18	31	25	7	15	39	10	23
7	18	4	10	24	7	14	26	6	14	12	8	10
8	18	3	9	18	5	11	46	9	19	14	2	6
9	9	2	5	20	7	12	76	12	28	60	3	14
10	7	1	2	16	2	6	83	55	70	62	5	24
11	10	1	3	11	0	2	79	60	71	38	6	15
12	16	2	9	4	1	2	84	57	70	17	7	12
13	85	3	36	3	1	2	75	56	67	13	7	9
14	78	52	68	16	1	6	73	46	60	11	8	8
15	83	50	69	30	4	9	49	31	41	79	9	40
16	69	40	57	15	3	4	42	22	29	84	48	75
17	57	39	45	19	3	6	88	22	34	75	56	64
18	40	21	30	43	4	14	56	23	36	59	48	53
19	29	4	13	39	6	14	---	---	---	50	38	44
20	11	2	4	77	5	17	---	---	---	40	25	32
21	9	2	3	76	20	47	81	29	54	29	13	21
22	21	1	5	53	33	41	72	25	38	23	6	13
23	29	1	15	40	27	33	39	19	30	25	7	12
24	27	8	15	87	19	43	24	10	18	85	7	22
25	27	11	20	78	50	64	14	8	10	60	19	32
26	22	1	8	81	48	67	20	8	11	74	21	51
27	55	2	11	57	37	46	20	9	10	69	32	44
28	19	1	6	57	37	43	68	10	17	75	34	47
29	7	1	2	60	32	44	70	19	43	80	43	70
30	5	0	1	58	31	43	64	14	29	81	71	76
31	---	---	---	56	37	45	75	50	59	---	---	---
MONTH	---	---	---	87	0	26	---	---	---	---	---	---