

## 07053450 WHITE RIVER BELOW TABLE ROCK DAM NEAR BRANSON, MO

## WATER-QUALITY RECORDS

LOCATION.--Lat 36°35'42", long 93°18'32", sec.22, T.22 N., R.22 W., Taney County, Hydrologic Unit 11010003, on left bank in southwest corner of U.S. Army Corps of Engineers' carpentry building, 600 ft below Table Rock Dam.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: June 1987 to current year. (See remarks).

DISSOLVED OXYGEN: June 1987 to current year. (See remarks).

INSTRUMENTATION.--Water-quality monitor since June 1987.

REMARKS.--The number of missing days of water temperature and dissolved oxygen record exceeds 20 percent of the year. The monitor was not operated from Jan. 6 to June 30.

## OXYGEN DISSOLVED (mg/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	16.0	3.4	6.1	9.4	3.0	6.2	6.4	4.0	4.9	10.1	7.3	8.6
2	7.3	2.8	4.9	7.5	3.4	5.8	7.1	4.0	5.3	9.2	7.2	8.4
3	8.1	3.9	4.8	7.2	3.2	4.9	7.2	3.5	5.5	9.3	7.5	8.3
4	7.5	3.8	5.0	8.1	3.6	6.1	7.7	4.2	6.1	9.1	7.6	8.4
5	8.9	3.6	5.2	7.4	2.6	5.9	8.2	5.0	7.0	9.3	6.8	8.3
6	7.9	3.3	5.2	7.5	2.8	6.2	9.0	5.7	7.6	---	---	---
7	7.3	3.3	4.7	7.5	2.7	6.0	8.2	5.2	6.7	---	---	---
8	5.6	3.3	4.3	7.5	4.4	6.2	7.1	4.5	6.0	---	---	---
9	15.5	3.2	7.0	7.8	4.2	6.2	7.9	6.7	7.2	---	---	---
10	15.9	3.8	6.1	7.0	3.7	4.7	8.7	7.1	7.9	---	---	---
11	9.2	4.2	6.0	7.5	4.0	5.4	8.7	7.0	8.0	---	---	---
12	8.1	4.4	5.9	7.1	3.7	5.0	8.6	5.5	7.8	---	---	---
13	9.3	3.4	6.8	7.6	2.8	5.3	8.8	7.3	8.0	---	---	---
14	7.6	3.4	5.0	7.1	3.7	5.6	8.6	5.1	7.3	---	---	---
15	10.2	2.9	6.4	7.2	4.1	6.0	9.1	5.5	7.1	---	---	---
16	9.1	3.8	6.0	7.5	3.4	5.7	8.0	4.1	6.1	---	---	---
17	10.4	4.0	7.1	7.2	3.4	5.3	7.7	4.1	5.7	---	---	---
18	10.4	4.0	7.5	7.8	4.4	5.5	8.2	4.7	6.8	---	---	---
19	10.4	3.9	7.1	7.7	4.2	5.9	8.4	4.8	6.4	---	---	---
20	9.2	3.3	5.7	8.1	4.0	5.9	8.8	4.9	6.3	---	---	---
21	8.5	3.8	5.5	6.4	3.2	5.1	8.7	5.9	7.3	---	---	---
22	10.0	3.6	6.0	7.6	4.6	5.7	9.6	6.6	7.8	---	---	---
23	10.2	3.1	6.8	7.9	4.1	5.6	8.0	6.1	7.1	---	---	---
24	8.6	3.9	6.6	7.5	3.8	5.6	7.5	6.2	7.0	---	---	---
25	8.4	6.1	7.2	8.2	3.2	5.8	7.8	5.9	7.0	---	---	---
26	9.0	3.9	6.6	8.1	4.5	6.0	8.1	6.1	7.1	---	---	---
27	9.4	3.9	5.9	6.5	4.1	5.5	8.4	6.7	7.4	---	---	---
28	7.2	3.7	5.0	5.2	3.4	4.4	8.3	6.5	7.2	---	---	---
29	8.9	2.7	5.6	7.3	3.8	5.5	9.2	6.7	7.7	---	---	---
30	8.1	2.8	4.9	6.9	4.2	5.6	9.8	7.2	8.7	---	---	---
31	9.2	3.0	6.3	---	---	---	9.3	6.7	8.3	---	---	---
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	10.4	5.4	7.9	11.8	5.1	8.4	12.7	4.5	7.3
2	---	---	---	9.4	5.3	7.0	12.6	4.9	8.5	13.6	3.5	7.8
3	---	---	---	8.8	5.7	6.8	11.9	4.2	7.4	11.8	3.3	7.4
4	---	---	---	13.5	5.8	7.7	12.3	6.6	8.4	9.4	3.8	6.3
5	---	---	---	10.5	5.8	7.8	10.9	3.4	6.9	9.7	4.0	6.6
6	---	---	---	11.0	6.2	7.7	9.5	3.9	6.1	9.8	2.7	6.6
7	---	---	---	10.6	5.5	7.3	10.0	3.7	6.6	12.7	6.0	7.8
8	---	---	---	9.3	5.5	7.0	10.2	3.9	6.8	12.6	5.9	8.2
9	---	---	---	9.3	5.4	7.1	12.6	4.5	7.6	11.9	3.7	7.8
10	---	---	---	9.3	5.8	7.3	9.1	3.9	5.8	12.6	4.0	8.2
11	---	---	---	9.8	6.2	7.7	9.2	5.0	6.1	11.0	4.8	7.5
12	---	---	---	11.0	5.8	7.7	10.0	3.9	6.0	9.7	3.5	7.0
13	---	---	---	7.6	4.2	5.8	9.8	5.1	7.5	8.6	4.3	7.2
14	---	---	---	8.7	4.5	6.1	10.2	4.2	6.7	12.1	3.6	7.4
15	---	---	---	8.8	4.2	5.9	12.4	4.4	7.9	9.9	3.9	5.7
16	---	---	---	8.1	4.3	5.4	11.7	3.8	7.9	9.2	4.2	5.8
17	---	---	---	9.2	4.4	6.0	9.8	3.8	5.9	10.9	4.1	6.6
18	---	---	---	8.9	4.1	5.4	9.4	3.3	5.8	8.2	3.1	6.2
19	---	---	---	8.5	4.2	5.4	9.8	3.4	6.6	10.2	4.5	6.9
20	---	---	---	8.3	4.0	4.9	9.5	3.7	6.3	10.6	4.8	7.4
21	---	---	---	9.5	4.4	5.9	9.7	3.9	6.5	9.0	4.3	6.3
22	---	---	---	10.9	4.4	6.8	7.5	4.8	6.0	11.0	5.8	8.0
23	---	---	---	11.7	6.0	8.0	10.9	3.8	6.1	11.4	4.4	7.8
24	---	---	---	11.5	5.8	8.3	10.2	4.0	5.9	11.2	3.9	7.9
25	---	---	---	12.7	6.8	9.4	9.6	3.8	5.9	10.1	4.2	6.4
26	---	---	---	12.2	6.6	8.4	9.6	3.8	5.8	6.9	3.2	5.6
27	---	---	---	12.5	4.9	9.0	10.7	4.4	6.1	11.2	4.3	6.8
28	---	---	---	10.7	6.7	8.2	10.3	4.6	6.3	8.0	3.6	5.1
29	---	---	---	10.6	4.2	7.5	9.5	4.2	6.0	8.4	2.8	5.0
30	---	---	---	11.3	3.9	6.9	11.3	4.0	6.1	13.0	3.9	7.4
31	---	---	---	12.3	4.8	9.3	9.7	3.3	6.1	---	---	---

## 07053450 WHITE RIVER BELOW TABLE ROCK DAM NEAR BRANSON, MO--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.1	10.4	11.0	11.9	11.0	11.3	11.7	11.3	11.6	9.4	8.5	9.0
2	12.3	10.5	11.1	12.1	11.0	11.5	11.7	11.3	11.5	9.3	8.9	9.1
3	11.3	10.6	11.0	12.4	11.2	11.8	11.7	11.2	11.4	9.6	9.0	9.3
4	11.7	10.6	11.1	12.1	11.1	11.5	11.9	11.2	11.6	9.2	9.0	9.1
5	11.6	10.7	11.0	12.0	11.1	11.4	11.9	11.2	11.5	9.3	9.0	9.1
6	11.3	10.7	11.1	12.2	11.1	11.3	12.0	11.1	11.4	---	---	---
7	11.5	10.8	11.2	12.0	11.0	11.3	11.6	11.0	11.2	---	---	---
8	11.4	10.8	11.2	11.7	10.9	11.2	11.1	10.8	11.0	---	---	---
9	11.9	10.8	11.3	11.8	10.9	11.2	11.0	10.8	10.9	---	---	---
10	12.0	11.0	11.3	11.9	11.0	11.5	10.9	10.6	10.7	---	---	---
11	11.8	11.0	11.2	11.9	11.0	11.5	10.8	9.9	10.6	---	---	---
12	11.5	11.0	11.2	11.7	11.0	11.4	10.6	10.3	10.5	---	---	---
13	11.7	11.0	11.2	11.7	10.9	11.3	10.9	10.1	10.4	---	---	---
14	11.5	10.8	11.3	11.7	10.6	11.2	10.9	9.5	10.3	---	---	---
15	11.9	10.7	11.3	12.0	10.5	11.1	10.7	10.0	10.3	---	---	---
16	11.5	10.9	11.2	11.9	10.9	11.6	10.9	9.9	10.3	---	---	---
17	11.7	10.7	11.2	11.9	11.0	11.6	11.1	9.8	10.2	---	---	---
18	11.6	10.7	11.1	11.8	11.1	11.4	11.0	9.8	10.1	---	---	---
19	11.7	10.7	11.2	11.8	11.0	11.5	11.1	9.7	10.2	---	---	---
20	11.6	10.9	11.3	11.9	11.0	11.5	10.1	9.8	10.0	---	---	---
21	11.5	10.8	11.2	11.8	11.1	11.5	10.0	9.7	9.9	---	---	---
22	11.8	10.8	11.3	11.8	11.0	11.3	10.0	9.8	9.9	---	---	---
23	11.6	10.7	11.2	11.6	11.1	11.4	9.9	9.7	9.8	---	---	---
24	11.4	11.0	11.1	11.8	11.0	11.4	10.0	9.6	9.7	---	---	---
25	11.3	10.9	11.0	11.8	10.9	11.5	9.7	9.4	9.6	---	---	---
26	11.9	10.7	11.1	11.9	11.0	11.4	9.6	9.1	9.4	---	---	---
27	11.9	11.0	11.5	11.6	11.0	11.3	9.9	9.0	9.3	---	---	---
28	11.9	10.9	11.5	11.6	11.3	11.4	9.4	8.9	9.1	---	---	---
29	12.2	11.0	11.5	11.6	11.2	11.4	9.7	8.8	9.1	---	---	---
30	11.8	11.0	11.4	11.7	11.2	11.4	9.7	8.4	9.0	---	---	---
31	11.8	11.0	11.3	---	---	---	9.8	8.6	9.0	---	---	---
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	10.0	9.2	9.4	11.9	9.8	10.3	11.7	10.9	11.1
2	---	---	---	9.8	9.0	9.5	11.8	9.9	10.2	11.9	10.9	11.2
3	---	---	---	9.9	9.2	9.5	11.4	10.0	10.3	11.9	10.9	11.2
4	---	---	---	10.4	9.1	9.5	12.8	10.0	10.5	11.7	11.0	11.2
5	---	---	---	9.9	9.1	9.5	11.5	9.9	10.4	11.8	11.0	11.3
6	---	---	---	9.8	9.2	9.6	10.7	9.9	10.3	12.1	10.9	11.2
7	---	---	---	9.9	9.3	9.6	10.8	10.0	10.4	12.2	11.0	11.4
8	---	---	---	10.4	9.2	9.7	10.7	10.0	10.3	12.7	10.9	11.3
9	---	---	---	10.5	9.2	9.7	11.3	10.0	10.5	11.9	10.8	11.3
10	---	---	---	10.2	9.3	9.8	11.3	10.0	10.6	12.0	10.7	11.3
11	---	---	---	10.5	9.3	9.6	11.1	10.1	10.5	12.3	10.9	11.3
12	---	---	---	9.9	9.4	9.6	11.3	10.1	10.6	12.7	11.0	11.3
13	---	---	---	10.4	9.3	9.4	11.7	10.2	10.5	12.6	11.0	11.2
14	---	---	---	10.3	9.4	9.8	11.2	10.3	10.6	12.0	10.9	11.3
15	---	---	---	10.2	9.4	9.8	11.9	10.2	10.7	11.8	11.2	11.5
16	---	---	---	10.1	9.4	9.8	11.2	10.3	10.6	12.0	11.1	11.5
17	---	---	---	10.5	9.5	9.8	11.4	10.2	10.6	11.8	11.2	11.5
18	---	---	---	10.9	9.5	10.0	11.6	10.2	10.7	12.0	11.2	11.4
19	---	---	---	10.3	9.4	10.0	11.0	10.4	10.7	12.5	11.2	11.5
20	---	---	---	10.5	9.5	10.1	11.0	10.4	10.7	12.5	11.2	11.5
21	---	---	---	10.8	9.6	10.1	11.0	10.4	10.8	12.3	11.2	11.4
22	---	---	---	10.8	9.7	10.2	11.0	10.5	10.8	12.1	11.2	11.4
23	---	---	---	10.4	9.8	10.1	11.4	10.5	10.9	11.9	11.2	11.5
24	---	---	---	10.5	9.8	10.1	11.8	10.6	11.0	11.7	11.2	11.4
25	---	---	---	11.0	9.8	10.1	11.7	10.6	11.0	12.1	11.2	11.6
26	---	---	---	10.3	9.8	10.1	11.4	10.6	10.9	12.4	11.2	11.5
27	---	---	---	10.6	9.8	10.1	12.0	10.7	11.1	12.0	11.2	11.6
28	---	---	---	10.6	9.8	10.2	11.4	10.7	11.0	11.9	11.3	11.6
29	---	---	---	11.3	9.8	10.3	11.7	10.8	11.2	11.8	11.4	11.6
30	---	---	---	10.6	9.8	10.3	11.9	10.8	11.2	12.3	11.4	11.7
31	---	---	---	11.4	9.9	10.2	11.8	10.8	11.2	---	---	---