0728860950 QUIVER RIVER AT NORTH NOBILE ROAD NEAR MOOREHEAD, MS

Yazoo Basin
Big Sunflower Subbasin

LOCATION.--Lat 33°28′05″, long 90°33′52″ referenced to North American Datum of 1983, in SE ¼ NW ¼ sec.25, T.19 N., R.4 W., Sunflower County, MS, Hydrologic Unit 08030207, Choctaw Meridian.

WATER-QUALITY RECORDS

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

[NTRU, nephelometric turbidity ratio unit; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter]

Date	Sample start time	Barometric pressure, mm Hg (00025)	Discharge, instantaneous, ft³/s (00061)	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detectors at multiple angles including 90 +/- 30 degrees, ratiometric correction, NTRU (63676)
01-14-2010	1130	769	--	13.6	6.3	128	1.6	--
04-12-2010	0915	769	185	6.4	6.9	298	20.7	210
05-21-2010	1715	760	323	8.8	7.3	309	29.4	160
06-24-2010	0845	770	259	5.4	7.4	546	30.8	67
08-26-2010	1630	761	189	12.6	8.1	509	30.6	48

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

[CaCO3, calcium carbonate; mg/L, milligrams per liter]

Date	Alkalinity, water, filtered, inflection-point, incremental titration method, field, mg/L as CaCO3 (39086)	Bicarbonate, water, filtered, inflection-point, incremental titration method, field, mg/L (00453)
04-12-2010	80	98
05-21-2010	86	104
06-24-2010	201	243
08-26-2010	184	220

0728860950 QUIVER RIVER AT NORTH NOBILE ROAD NEAR MOOREHEAD, MS—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
[N, nitrogen; P, phosphorus; mg/L, milligrams per liter; <, less than]

Date	Sample start time	Chloride, water, filtered, mg/L (00940)	Sulfate, water, filtered, mg/L (00945)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)	Phosphorus, water, unfiltered, mg/L as P (00665)	Total nitrogen, water, unfiltered, analytically determined, mg/L (62855)
04-12-2010	0915	--	--	.265	.84	.086	.34	3.00
05-21-2010	1715	20.2	24.9	.087	1.65	.138	--	3.23
06-24-2010	0845	24.4	38.3	.122	.90	.149	--	2.35
08-26-2010	1630	26.7	28.8	< .020	.08	.016	--	1.20

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
[ft, feet; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter]

Date	Sample start time	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Sampling depth, ft (00003)	Location in cross section, distance from left bank looking downstream, ft (00009)
04-12-2010	1000	6.3	6.7	295	20.8	1.00	22.0
04-12-2010	1004	6.4	6.4	297	20.6	4.90	22.0
04-12-2010	1010	6.4	6.9	298	20.7	1.00	60.0
04-12-2010	1011	6.2	6.8	297	20.6	6.30	60.0
04-12-2010	1015	6.3	6.8	297	20.6	1.00	92.0
04-12-2010	1016	6.2	6.9	296	20.7	4.40	92.0
05-21-2010	1716	7.3	7.1	277	25.4	.70	10.0
05-21-2010	1717	7.5	7.1	277	25.4	3.20	10.0
05-21-2010	1718	8.4	7.2	306	26.2	.80	20.0
05-21-2010	1719	8.3	7.3	306	26.2	3.00	20.0
05-21-2010	1720	8.8	7.3	309	26.2	1.00	50.0
05-21-2010	1721	8.7	7.3	311	26.2	4.80	50.0
05-21-2010	1723	8.8	7.3	309	26.3	1.00	100
05-21-2010	1726	8.8	7.3	309	26.3	4.70	100
06-24-2010	0850	5.5	7.4	546	30.9	1.00	20.0
06-24-2010	0851	5.4	7.4	546	30.8	1.00	70.0
06-24-2010	0852	5.4	7.4	546	30.8	5.00	70.0
06-24-2010	0853	5.4	7.4	546	30.8	1.00	100
06-24-2010	0854	5.3	7.4	546	30.8	5.00	100