02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL

Coosa-Tallapoosa Basin
Lower Tallapoosa Subbasin

LOCATION.--Lat 32°26′23″, long 86°11′44″ referenced to North American Datum of 1927, Montgomery County, AL, Hydrologic Unit 03150110, on left bank at the Clarence T. Perry (City of Montgomery) water purification plant, 2.5 mi upstream of U.S. Highway 231 bridge, 4 mi northeast of Montgomery, and at river mile 12.8.

DRAINAGE AREA.--4,646 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1995 to current year. October 1972 to September 1995 (gage heights only). August 1966 to December 1970 in files of U.S. Geological Survey. May to September 1972 in files of National Weather Service.

REVISED RECORDS.-- WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 129.13 ft above NGVD of 1929.

REMARKS.--Estimated daily discharge: Oct. 8, 22, 23. Records fair. Daily discharges can be affected by backwater from the Coosa River. Flow is regulated by Harris Reservoir (station 02412950), Lake Martin (station 02417500), and other hydroelectric plants above station including Yates and Thurlow Dams.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 42.13 ft, Mar. 18, 1990; minimum gage height, 0.1 ft, Oct. 17, 1978.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Feb. 26, 1961, reached a stage of 41.9 ft from floodmarks.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 50,300 ft^3/s, Nov. 12, gage height, 27.93 ft; minimum discharge, 1,310 ft^3/s, July 9, 10, gage height, 3.44 ft.

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7,450	12,900	13,400	23,100	21,200	13,800	4,500	4,110	7,220	1,760	1,410	1,630
2	7,140	12,600	16,200	22,600	19,800	10,300	4,580	4,010	7,200	1,680	1,440	1,960
3	6,750	9,190	25,000	22,000	17,300	9,050	3,970	9,330	8,380	1,450	1,780	2,210
4	4,830	9,530	26,100	21,500	16,100	6,800	3,750	30,000	12,400	1,390	1,450	2,210
5	7,130	9,680	24,800	21,300	21,500	7,290	4,050	30,500	10,500	1,370	1,500	1,570
6	13,100	8,890	20,600	18,100	30,000	7,230	3,470	22,900	5,820	1,360	1,490	1,540
7	10,800	7,780	16,400	14,900	28,100	6,600	3,030	11,800	3,810	1,340	1,450	1,510
8	e12,700	6,600	15,200	14,800	25,300	6,200	2,400	6,040	3,540	1,340	1,450	1,490
9	12,800	6,730	16,300	14,300	21,600	7,770	5,780	2,840	3,200	1,320	1,450	1,490
10	12,400	16,900	18,300	14,100	19,000	13,000	5,510	2,580	2,420	1,330	1,430	1,490
11	8,450	37,500	19,000	13,900	17,400	35,400	5,420	4,280	3,180	1,360	1,430	1,490
12	7,110	48,300	17,800	13,700	16,500	46,600	4,850	3,600	3,380	1,400	1,430	1,490
13	14,000	44,900	23,000	13,500	16,500	47,300	4,260	4,310	1,700	1,350	1,440	1,490
14	17,900	32,300	31,000	13,700	16,800	43,300	2,700	4,820	1,590	1,340	2,160	1,760
15	23,300	28,500	36,800	13,700	17,100	37,200	2,110	4,410	1,560	1,340	2,730	1,470
16	29,100	29,100	38,100	11,500	17,000	29,800	2,030	2,780	2,420	1,960	1,800	1,470
17	29,700	28,100	34,300	11,400	16,600	24,200	1,980	2,610	2,600	1,460	1,640	2,320
18	25,500	21,600	31,200	14,500	15,900	22,900	1,930	3,480	3,330	1,470	1,720	1,480
19	21,300	15,600	39,800	11,200	15,300	21,300	1,880	2,720	3,260	1,420	2,440	1,430
20	17,800	15,500	38,300	8,940	15,000	17,300	1,860	2,380	3,380	1,400	2,140	1,460
21	14,500	15,300	33,800	19,600	14,700	16,400	1,850	3,100	2,290	1,390	1,630	3,480
22	e14,000	15,900	30,200	28,800	15,300	16,300	2,750	6,610	1,640	1,930	1,610	1,870
23	e13,700	17,500	26,300	30,000	17,100	15,700	2,540	6,580	1,510	2,240	1,600	1,450
24	10,700	16,900	24,300	27,200	17,000	9,120	3,770	6,040	2,070	2,350	2,740	1,430
25	6,830	15,900	26,700	32,900	15,400	6,650	6,090	6,030	2,080	1,510	2,360	2,280
26	5,450	15,200	29,000	33,400	14,700	6,330	5,400	5,980	2,740	1,420	2,280	2,190
27	7,210	14,500	28,800	30,700	14,600	5,880	4,460	5,130	2,200	1,470	1,710	1,700
28	13,700	13,700	28,500	24,900	14,400	4,990	4,540	4,090	1,500	1,440	1,590	2,290
29	13,900	13,800	25,500	19,400	---	5,800	4,830	2,950	2,160	1,450	1,580	2,490
30	13,900	13,500	23,600	19,300	---	6,160	4,600	2,270	1,870	1,440	1,570	2,350
31	11,400	---	23,300	21,000	---	4,730	---	6,310	---	1,420	1,580	---
Total	414,550	554,400	801,600	599,940	507,200	511,400	110,890	214,590	110,950	46,900	54,030	54,490
Mean	13,370	18,480	25,860	19,350	18,110	16,500	3,696	6,922	3,698	1,513	1,743	1,816
Max	29,700	48,300	39,800	33,400	30,000	47,300	6,090	30,500	12,400	2,350	2,740	3,480
Min	4,830	6,600	13,400	8,940	14,400	4,730	1,850	2,270	1,500	1,320	1,410	1,430
Cfsm	2.88	3.98	5.57	4.17	3.90	3.55	0.80	1.49	0.80	0.33	0.38	0.39
In.	3.32	4.44	6.42	4.80	4.06	4.09	0.89	1.72	0.89	0.38	0.43	0.44

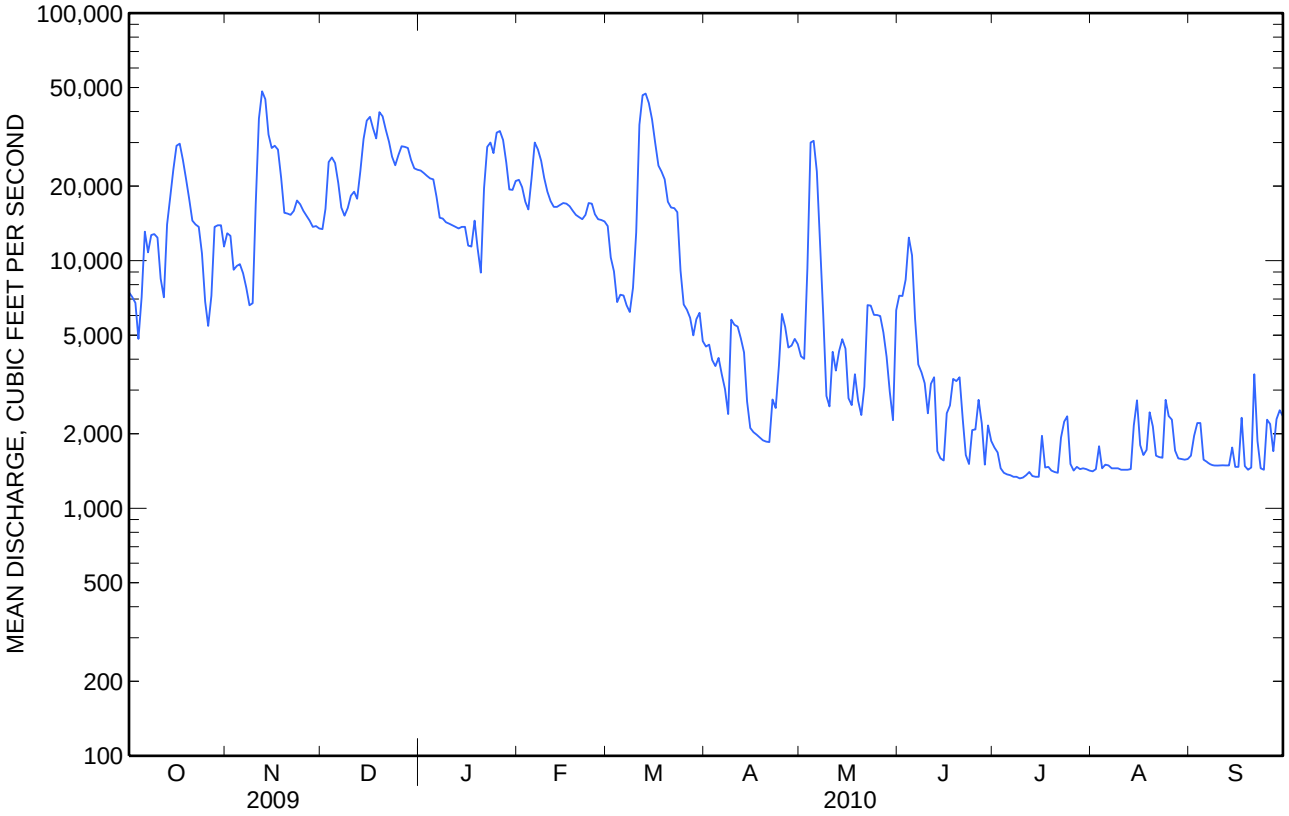
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2010, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	4,100	5,833	7,783	7,877	9,096	11,030	6,846	5,433	4,230	4,365	3,158	3,133
Max	13,370	18,480	25,860	19,350	20,630	25,230	19,780	23,340	12,330	16,470	8,742	7,682
(WY)	(2010)	(2010)	(2010)	(2010)	(1996)	(2001)	(2005)	(2003)	(2003)	(2003)	(2005)	(2004)
Min	1,542	609	545	1,227	1,992	2,205	1,161	918	1,380	1,387	671	1,130
(WY)	(2007)	(2008)	(2008)	(2008)	(2009)	(2004)	(2007)	(2007)	(2006)	(2006)	(2007)	(2007)

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL—Continued

SUMMARY STATISTICS

	Calendar Year 2009		Water Year 2010		Water Years 1996 - 2010	
Annual total	3,668,846		3,980,940			
Annual mean	10,050		10,910		6,063	
Highest annual mean					10,910	2010
Lowest annual mean					2,027	2008
Highest daily mean	48,300	Nov 12	48,300	Nov 12	82,000	Mar 10, 1998
Lowest daily mean	951	Feb 26	1,320	Jul 9	256	Oct 21, 1997
Annual seven-day minimum	1,180	Feb 21	1,350	Jul 5	381	Aug 12, 2007
Maximum peak flow			50,300	Nov 12	90,800	Mar 10, 1998
Maximum peak stage			27.93	Nov 12	34.59	Mar 10, 1998
Annual runoff (cfsm)	2.16		2.35		1.30	
Annual runoff (inches)	29.38		31.87		17.73	
10 percent exceeds	25,200		27,600		14,600	
50 percent exceeds	6,230		6,600		3,250	
90 percent exceeds	1,770		1,470		1,360	

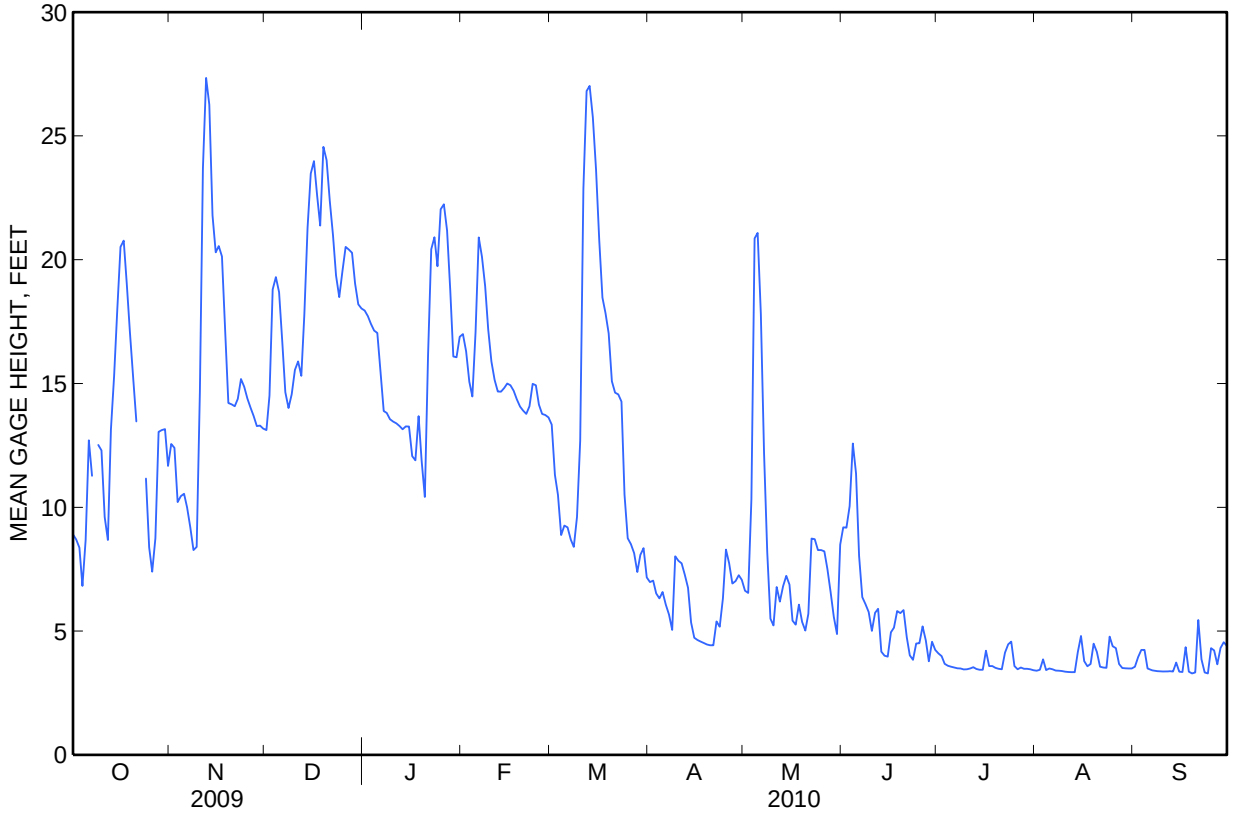


02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.91	12.56	13.12	17.95	17.00	13.34	6.98	6.63	9.19	4.10	3.40	3.56
2	8.70	12.40	14.51	17.72	16.30	11.31	7.04	6.54	9.18	3.99	3.44	3.95
3	8.37	10.21	18.80	17.41	15.07	10.50	6.52	10.32	10.05	3.68	3.86	4.24
4	6.83	10.45	19.30	17.14	14.48	8.88	6.32	20.86	12.58	3.60	3.43	4.24
5	8.68	10.55	18.69	17.04	17.08	9.26	6.58	21.08	11.37	3.56	3.49	3.49
6	12.71	10.0	16.69	15.47	20.90	9.19	6.07	17.82	8.04	3.53	3.46	3.44
7	11.27	9.20	14.65	13.89	20.12	8.70	5.67	12.21	6.37	3.50	3.41	3.40
8	---	8.27	14.01	13.81	18.93	8.40	5.05	8.19	6.09	3.49	3.40	3.38
9	12.52	8.40	14.57	13.56	17.19	9.61	8.02	5.50	5.77	3.45	3.39	3.38
10	12.30	14.66	15.55	13.46	15.89	12.69	7.84	5.23	5.01	3.46	3.36	3.37
11	9.61	23.69	15.89	13.39	15.15	22.87	7.74	6.78	5.74	3.49	3.35	3.37
12	8.68	27.34	15.31	13.28	14.68	26.81	7.27	6.19	5.90	3.54	3.34	3.38
13	13.14	26.26	17.80	13.15	14.67	27.02	6.75	6.81	4.17	3.47	3.34	3.37
14	15.31	21.79	21.29	13.27	14.82	25.75	5.35	7.23	4.01	3.44	4.15	3.73
15	18.01	20.30	23.48	13.26	15.00	23.64	4.73	6.88	3.97	3.44	4.80	3.36
16	20.52	20.55	23.98	12.07	14.93	20.79	4.64	5.42	4.95	4.21	3.79	3.35
17	20.77	20.13	22.58	11.90	14.71	18.47	4.58	5.26	5.14	3.59	3.58	4.35
18	19.04	17.14	21.38	13.68	14.36	17.85	4.52	6.07	5.81	3.59	3.67	3.36
19	17.05	14.21	24.56	11.88	14.07	17.02	4.46	5.37	5.73	3.52	4.49	3.29
20	15.24	14.16	24.02	10.42	13.91	15.09	4.43	5.02	5.85	3.48	4.16	3.33
21	13.47	14.08	22.37	16.12	13.77	14.63	4.43	5.70	4.76	3.46	3.56	5.45
22	---	14.38	20.99	20.42	14.08	14.56	5.39	8.74	4.02	4.13	3.53	3.86
23	---	15.18	19.36	20.91	14.99	14.27	5.18	8.71	3.84	4.47	3.52	3.33
24	11.16	14.87	18.49	19.74	14.93	10.51	6.32	8.27	4.50	4.58	4.78	3.29
25	8.38	14.39	19.54	22.04	14.15	8.75	8.29	8.27	4.51	3.59	4.39	4.31
26	7.40	14.02	20.52	22.24	13.77	8.51	7.74	8.22	5.19	3.46	4.31	4.22
27	8.75	13.69	20.41	21.18	13.73	8.15	6.92	7.51	4.63	3.53	3.67	3.66
28	13.05	13.28	20.28	18.75	13.63	7.39	7.02	6.58	3.78	3.48	3.51	4.32
29	13.12	13.30	19.04	16.09	---	8.08	7.26	5.58	4.57	3.48	3.50	4.55
30	13.16	13.18	18.20	16.06	---	8.35	7.07	4.88	4.24	3.46	3.49	4.40
31	11.67	---	18.03	16.89	---	7.17	---	8.49	---	3.42	3.49	---
Mean	---	15.09	18.95	15.94	15.44	13.79	6.21	8.27	5.97	3.65	3.71	3.76
Max	---	27.34	24.56	22.24	20.90	27.02	8.29	21.08	12.58	4.58	4.80	5.45
Min	---	8.27	13.12	10.42	13.63	7.17	4.43	4.88	3.78	3.42	3.34	3.29

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL—Continued



02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL—Continued

WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.--July 23, 2005 to current year.

INSTRUMENTATION.--Water-quality monitor since July 2005.

REMARKS.--Maximum and minimum values given in EXTREMES FOR PERIOD OF RECORD and EXTREMES FOR CURRENT YEAR may have been exceeded during periods of missing record. Water temperature and specific conductance records are good.

EXTREMES FOR PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 142 microsiemens/cm, May 11, 2007; minimum, 40 microsiemens/cm, July 25, 2006.
WATER TEMPERATURE: Maximum, 33.3°C, August 22, 2007; minimum, 5.9°C, January 21, 2008.
TURBIDITY: Maximum, 490 FNU, November 11, 2009; minimum, 0.9 FNU, October 26, 2006.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 73 microsiemens/cm, July 18; minimum, 36 microsiemens/cm, on several days.
WATER TEMPERATURE: Maximum, 29.7°C, Aug. 1; minimum, 6.3°C, Jan. 11.
TURBIDITY: Maximum, 490 FNU, Nov. 11; minimum, 1.3 FNU, July 6.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	52	48	49	45	43	44	41	41	41	40	39	39
2	52	47	49	44	43	43	47	40	42	40	39	40
3	52	47	49	47	42	45	47	44	45	39	39	39
4	53	47	50	46	42	44	45	42	44	39	38	39
5	62	51	55	46	42	44	42	41	41	39	38	38
6	55	50	51	46	42	44	42	41	42	40	38	39
7	---	---	---	46	42	44	42	42	42	40	39	40
8	---	---	---	48	42	45	42	42	42	40	39	39
9	51	49	50	48	41	45	46	42	44	40	39	40
10	50	49	50	48	41	44	50	46	48	40	39	39
11	53	49	51	44	42	43	49	44	46	39	39	39
12	54	48	51	44	40	42	44	42	43	39	38	39
13	52	48	49	44	41	42	48	43	46	39	38	39
14	55	47	50	44	43	43	45	41	43	39	38	38
15	55	50	52	43	42	42	42	38	40	39	38	39
16	50	48	49	42	41	42	41	39	40	42	39	40
17	49	48	49	42	41	41	41	38	40	51	42	46
18	48	47	48	44	42	43	41	38	40	58	51	54
19	48	48	48	44	42	43	39	37	38	54	46	52
20	51	48	49	42	42	42	40	38	39	50	46	48
21	50	47	48	42	41	41	39	37	38	48	44	45
22	48	44	47	44	41	42	38	37	38	46	43	45
23	45	44	44	46	44	46	39	38	39	43	38	41
24	48	44	46	45	43	44	39	38	39	42	40	40
25	50	43	46	43	42	43	41	39	40	40	39	40
26	50	45	47	43	42	42	42	41	42	42	40	41
27	47	44	46	42	41	42	41	39	40	41	40	40
28	55	47	51	42	41	41	39	38	39	41	40	40
29	51	47	50	41	41	41	39	38	38	41	40	40
30	47	45	45	41	41	41	38	38	38	47	40	43
31	47	44	46	---	---	---	39	38	39	47	43	46
Month	---	---	---	48	40	43	50	37	41	58	38	42

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	43	41	42	38	37	37	47	43	45	44	40	42
2	41	41	41	48	38	43	48	43	45	44	40	42
3	41	40	40	64	45	56	46	42	44	56	40	49
4	40	40	40	68	58	64	46	39	44	40	36	38
5	45	39	42	58	45	50	45	39	42	45	38	43
6	46	44	45	47	43	45	45	41	43	45	41	42
7	45	42	44	47	42	44	46	43	44	46	43	44
8	42	40	41	47	42	44	48	43	46	49	40	44
9	41	40	40	44	40	41	47	39	42	54	49	52
10	40	39	40	49	40	44	44	40	41	53	51	53
11	40	39	40	47	38	43	46	40	43	51	40	43
12	40	38	39	42	40	40	48	42	46	46	42	44
13	40	39	39	40	38	39	48	42	45	46	40	42
14	44	40	41	39	37	38	49	45	48	43	37	40
15	44	44	44	39	38	38	52	47	50	43	38	41
16	44	43	43	39	38	39	51	51	51	45	42	44
17	43	40	42	38	36	37	51	50	51	47	44	46
18	40	39	40	37	36	37	50	49	50	46	42	44
19	40	38	39	38	36	37	50	50	50	47	45	46
20	38	38	38	38	36	37	50	44	50	50	45	48
21	38	38	38	39	36	37	50	50	50	48	44	46
22	41	37	39	37	36	36	50	43	46	44	39	40
23	47	40	45	40	36	37	47	44	46	41	40	41
24	47	43	45	43	40	41	47	41	44	42	39	40
25	43	39	41	45	41	43	45	39	41	42	39	40
26	39	38	38	44	40	42	43	40	41	40	39	40
27	38	38	38	43	40	42	44	39	42	42	38	39
28	38	37	37	48	43	45	47	42	44	43	38	40
29	---	---	---	45	41	43	45	42	43	44	41	43
30	---	---	---	45	40	42	45	41	42	47	44	45
31	---	---	---	48	45	46	---	---	---	46	38	41
Month	47	37	41	68	36	42	52	39	45	56	36	43

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	46	38	40	47	44	46	47	46	46	47	46	46
2	46	41	42	47	45	46	47	45	46	46	42	44
3	42	37	40	48	47	47	46	44	45	44	42	43
4	37	36	37	48	47	47	46	44	46	44	43	43
5	39	37	38	47	46	47	51	45	47	46	44	45
6	48	38	41	47	46	46	52	48	51	47	46	47
7	52	45	48	46	41	46	48	46	47	48	46	47
8	46	42	44	46	46	46	46	45	45	47	47	47
9	47	42	45	46	45	45	46	44	45	48	46	47
10	48	45	46	46	45	45	46	44	46	48	46	47
11	47	40	43	45	44	45	47	46	46	47	45	46
12	44	39	41	46	45	45	46	45	45	46	44	45
13	48	42	46	46	45	46	45	45	45	45	44	45
14	48	47	48	46	45	46	45	40	44	46	43	44
15	48	47	48	46	44	45	45	40	42	45	44	44
16	48	41	44	45	41	43	51	45	49	44	42	43
17	45	42	43	68	42	48	50	47	48	42	40	41
18	46	41	43	73	54	70	48	46	47	42	40	42
19	44	40	42	54	47	51	48	45	46	42	42	42
20	46	42	43	49	48	48	47	46	46	42	42	42
21	48	43	45	49	47	48	50	46	48	42	37	38
22	58	48	53	48	42	45	48	45	47	41	39	40
23	52	49	50	45	41	43	48	45	47	42	40	41
24	49	43	46	45	42	43	47	44	46	41	41	41
25	46	42	44	47	44	45	47	44	46	41	38	39
26	46	41	43	47	46	46	47	45	46	44	38	40
27	46	44	45	48	44	45	46	44	45	44	39	41
28	50	46	49	46	44	45	46	44	45	45	39	42
29	49	43	46	48	45	46	46	45	45	48	40	43
30	47	43	45	47	45	46	45	44	45	43	39	41
31	---	---	---	46	45	46	47	44	46	---	---	---
Month	58	36	44	73	41	47	52	40	46	48	37	43

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	22.2	21.0	21.6	18.9	18.5	18.7	14.9	14.4	14.6	10.2	9.9	10.1
2	21.9	21.1	21.5	18.7	18.2	18.5	14.6	14.1	14.4	9.9	9.4	9.6
3	22.3	21.0	21.6	18.7	17.9	18.3	14.1	13.5	13.8	9.4	8.8	9.1
4	21.9	21.0	21.5	18.9	18.3	18.6	13.5	12.5	13.1	8.8	8.2	8.6
5	21.0	20.5	20.8	18.8	18.1	18.5	12.5	11.8	12.2	8.2	7.8	8.1
6	21.2	20.6	21.0	18.4	17.6	18.1	12.0	11.7	11.8	8.0	7.6	7.7
7	---	---	---	18.3	17.5	17.9	12.8	11.9	12.3	7.7	7.5	7.6
8	---	---	---	18.4	17.5	18.0	13.4	12.8	13.0	7.5	7.0	7.3
9	22.5	21.8	22.1	18.3	17.7	18.0	14.0	13.4	13.8	7.0	6.6	6.9
10	22.5	22.0	22.3	18.2	17.2	17.9	13.8	13.1	13.4	6.8	6.4	6.6
11	23.0	22.1	22.5	17.2	17.0	17.1	13.1	12.1	12.6	6.8	6.3	6.5
12	22.7	22.0	22.3	17.0	16.7	16.8	12.1	11.6	11.9	7.1	6.5	6.8
13	22.0	21.6	21.7	16.7	16.2	16.4	11.6	10.7	11.0	7.2	6.7	6.9
14	21.6	21.3	21.4	16.6	16.0	16.3	11.7	10.8	11.2	7.3	6.8	7.0
15	21.7	21.3	21.5	17.4	16.6	17.1	12.3	11.7	12.1	7.4	6.8	7.1
16	21.7	20.8	21.3	17.5	17.2	17.4	12.6	12.2	12.4	8.1	7.3	7.7
17	20.8	19.5	20.1	17.5	17.0	17.3	12.3	11.7	12.0	8.5	8.1	8.3
18	19.5	19.0	19.2	17.0	16.2	16.5	11.7	10.3	11.0	8.9	8.2	8.6
19	19.5	18.9	19.2	16.4	16.1	16.3	10.3	9.8	10.1	9.4	8.8	9.0
20	19.8	19.3	19.5	16.3	15.9	16.1	9.8	9.5	9.7	9.5	8.8	9.0
21	20.2	19.3	19.8	16.2	15.9	16.0	9.8	9.2	9.5	10.8	9.4	10.0
22	20.5	19.9	20.2	16.1	15.5	15.9	10.7	9.6	10.2	11.2	10.8	11.0
23	21.0	20.4	20.7	15.5	15.3	15.4	11.0	10.7	10.9	11.2	10.6	11.0
24	20.5	19.4	20.0	15.6	15.4	15.5	11.1	11.0	11.0	11.1	10.3	10.6
25	19.6	18.9	19.4	15.8	15.4	15.6	11.2	10.9	11.1	11.1	10.8	11.0
26	19.7	18.2	18.9	15.6	15.2	15.4	10.9	10.0	10.4	10.8	10.1	10.4
27	19.2	18.5	18.9	15.2	14.8	15.0	10.0	9.6	9.8	10.1	9.2	9.7
28	18.8	18.3	18.5	15.0	14.6	14.8	9.7	9.4	9.6	9.2	8.5	8.8
29	19.4	18.6	18.9	15.2	14.7	14.9	9.7	9.4	9.6	8.5	8.3	8.4
30	19.8	19.4	19.6	15.2	14.9	15.0	9.9	9.7	9.8	8.8	8.4	8.6
31	19.6	18.9	19.4	---	---	---	10.2	9.9	10.1	8.6	8.1	8.3
Month	---	---	---	18.9	14.6	16.8	14.9	9.2	11.6	11.2	6.3	8.6

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	8.1	7.7	7.9	9.0	8.3	8.6	16.0	13.7	14.7	17.5	16.3	16.8
2	8.3	7.7	8.1	9.1	8.6	8.9	16.1	14.5	15.2	18.5	16.6	17.7
3	8.5	8.0	8.3	9.0	8.3	8.7	15.8	14.9	15.3	19.5	15.8	17.9
4	8.6	8.4	8.5	9.5	8.3	8.9	16.4	14.8	15.7	15.8	14.5	15.1
5	9.1	8.5	8.7	9.6	8.4	9.0	16.8	15.9	16.4	18.0	15.5	17.1
6	9.1	8.7	9.0	9.8	8.8	9.2	18.1	16.2	17.1	18.3	17.4	17.8
7	8.7	8.0	8.4	9.7	9.1	9.3	18.6	16.7	17.5	18.7	18.0	18.4
8	8.0	7.6	7.8	10.4	8.9	9.6	18.1	16.8	17.4	18.3	17.4	17.8
9	8.0	7.7	7.9	10.2	9.8	10.0	17.5	15.2	16.0	20.0	18.0	18.9
10	7.8	7.4	7.6	10.4	9.9	10.2	17.1	14.8	15.8	19.3	18.4	18.9
11	7.6	7.3	7.5	11.8	10.4	11.2	17.0	15.6	16.2	18.9	16.7	17.8
12	7.5	7.0	7.3	12.7	11.8	12.3	16.8	15.7	16.4	19.2	18.4	18.8
13	7.2	6.8	7.0	12.7	11.8	12.3	17.0	16.2	16.6	19.4	18.7	18.9
14	7.5	7.0	7.2	11.8	11.0	11.3	18.9	16.5	17.6	19.1	17.5	18.4
15	8.0	7.4	7.7	11.0	10.5	10.7	19.8	17.2	18.4	19.5	17.9	19.0
16	7.8	7.4	7.6	11.0	10.4	10.7	20.2	18.6	19.3	20.5	19.0	19.8
17	7.8	7.3	7.5	10.8	10.3	10.6	20.3	18.9	19.6	20.5	18.9	19.6
18	7.9	7.4	7.6	10.6	10.2	10.3	20.2	19.0	19.6	20.2	19.3	19.7
19	8.1	7.6	7.8	11.2	10.2	10.7	19.4	18.5	19.0	22.0	20.2	21.1
20	8.3	7.7	8.0	11.6	10.9	11.2	18.9	17.8	18.5	22.6	20.4	21.5
21	8.5	8.0	8.2	11.4	10.8	11.2	18.9	17.2	18.0	22.6	20.3	21.7
22	9.0	8.3	8.8	10.8	10.3	10.6	19.4	17.3	18.3	20.5	19.1	19.9
23	9.6	9.0	9.3	10.8	10.0	10.4	20.2	17.8	19.0	20.1	19.3	19.7
24	9.3	8.7	9.1	12.2	10.8	11.4	19.3	17.0	17.9	20.4	18.8	19.5
25	8.7	8.2	8.4	12.0	11.7	11.8	17.6	16.7	17.2	19.8	18.9	19.3
26	8.6	8.1	8.3	12.3	11.5	11.8	17.6	16.2	16.8	19.7	18.4	18.9
27	8.5	8.1	8.3	13.3	11.3	12.2	17.1	15.8	16.4	20.4	18.4	19.3
28	8.7	8.0	8.3	14.5	12.5	13.4	17.5	16.0	16.8	20.9	18.6	19.8
29	---	---	---	14.0	12.9	13.3	17.8	16.1	16.9	21.1	19.9	20.5
30	---	---	---	13.9	12.4	13.1	17.3	16.2	16.7	21.8	19.8	20.6
31	---	---	---	15.4	13.0	14.1	---	---	---	20.9	18.9	19.8
Month	9.6	6.8	8.1	15.4	8.3	10.9	20.3	13.7	17.2	22.6	14.5	19.0

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	19.9	18.5	19.1	25.5	23.6	24.5	29.7	27.7	28.7	25.9	23.8	24.9
2	19.9	18.3	19.1	26.6	24.6	25.5	29.6	28.0	28.7	25.9	24.4	25.2
3	19.3	17.8	18.5	26.5	24.8	25.6	28.6	26.9	27.8	25.4	23.8	24.8
4	17.8	16.8	17.2	26.6	24.8	25.7	28.9	27.2	28.0	25.2	23.7	24.5
5	18.1	16.8	17.4	26.6	24.9	25.7	28.6	26.8	27.7	25.1	22.8	24.0
6	20.4	17.6	18.7	27.5	25.2	26.2	29.3	26.8	28.0	25.1	23.0	24.1
7	22.4	20.4	21.3	27.7	25.8	26.8	29.0	27.6	28.3	26.0	23.9	24.9
8	21.7	20.5	21.1	28.5	26.2	27.3	28.8	27.2	27.9	26.6	24.8	25.6
9	22.0	21.4	21.7	28.5	26.7	27.5	29.0	26.8	27.9	26.6	25.1	25.9
10	23.5	21.5	22.6	27.3	26.2	26.7	28.8	27.1	28.0	26.6	24.9	25.8
11	22.8	21.5	22.0	27.4	25.4	26.4	28.9	27.1	28.0	26.9	25.2	26.1
12	22.3	21.4	21.8	27.9	26.2	27.0	29.1	27.0	28.1	27.1	25.4	26.2
13	26.0	21.6	23.8	28.4	26.6	27.5	28.9	27.4	28.1	26.0	24.5	25.3
14	26.3	24.6	25.4	28.9	26.6	27.7	27.9	26.3	27.2	25.7	23.9	24.9
15	26.1	24.8	25.3	28.1	27.1	27.7	27.8	25.4	26.6	26.0	24.1	25.1
16	24.9	23.5	24.1	27.5	25.0	26.3	28.1	26.5	27.2	25.9	24.1	25.0
17	25.0	23.5	24.3	27.1	24.7	25.9	27.8	26.6	27.2	25.2	23.8	24.6
18	24.2	23.2	23.9	27.9	26.1	26.9	27.7	26.4	27.0	26.3	23.8	25.0
19	23.8	23.0	23.5	28.3	26.3	27.2	27.0	25.4	26.3	26.7	25.2	25.9
20	23.3	22.4	22.9	28.6	26.5	27.5	26.9	25.8	26.4	26.7	25.2	25.9
21	25.0	22.2	23.6	29.1	27.0	28.1	27.7	25.6	26.6	25.8	23.0	24.0
22	26.6	24.6	25.5	28.3	27.0	27.7	27.5	26.0	26.8	25.8	23.8	24.7
23	27.2	25.2	26.1	27.4	25.8	26.7	27.8	26.1	26.9	25.3	23.5	24.5
24	26.3	25.0	25.6	27.3	25.6	26.5	27.0	25.4	26.1	25.6	23.9	24.8
25	26.3	24.2	25.2	29.2	26.0	27.6	26.8	25.0	25.9	24.9	23.6	24.3
26	24.9	24.0	24.3	29.4	27.5	28.4	26.9	25.3	26.1	23.9	22.3	23.3
27	26.0	24.2	25.0	28.9	27.6	28.2	27.1	25.3	26.1	22.8	21.6	22.2
28	26.4	24.8	25.5	28.7	27.0	27.8	26.6	25.4	26.0	22.8	21.4	22.1
29	25.6	24.1	24.8	29.0	27.2	28.0	25.9	25.0	25.4	22.8	20.9	21.9
30	25.8	23.3	24.4	29.0	27.2	27.9	25.5	24.6	25.0	22.9	20.8	21.9
31	---	---	---	29.0	27.0	27.9	25.2	24.4	24.8	---	---	---
Month	27.2	16.8	22.8	29.4	23.6	27.0	29.7	24.4	27.1	27.1	20.8	24.6

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	40	31	34	78	29	42	32	20	23	41	18	23
2	45	33	37	72	31	39	99	21	44	42	19	23
3	50	40	44	100	34	51	150	76	100	52	17	22
4	76	40	50	100	47	64	140	73	88	48	17	23
5	120	62	96	140	75	100	100	63	78	36	18	21
6	110	57	75	200	130	160	86	36	51	41	20	25
7	---	---	---	230	190	200	41	25	32	28	21	24
8	---	---	---	220	200	210	36	21	26	36	22	25
9	73	54	60	260	210	230	61	22	30	73	24	30
10	76	54	63	---	---	---	66	30	40	46	23	28
11	89	57	65	---	---	---	51	40	46	58	24	29
12	96	62	76	410	370	380	47	26	33	36	24	27
13	120	80	92	410	340	370	100	26	63	78	25	33
14	140	89	100	370	200	280	150	65	86	51	27	30
15	140	97	120	200	100	150	100	67	80	76	28	33
16	470	110	150	130	23	53	89	66	76	---	---	---
17	470	76	140	57	23	28	110	76	88	---	---	---
18	140	21	76	42	24	30	130	70	86	---	---	---
19	200	10	25	56	25	34	110	68	81	---	---	---
20	54	8.1	11	51	21	27	79	63	70	---	---	---
21	10	7.0	8.0	65	22	29	99	63	73	---	---	---
22	19	5.8	8.0	41	22	29	65	35	48	---	---	---
23	19	8.2	12	69	34	42	40	27	33	---	---	---
24	44	9.2	18	49	27	33	33	19	23	---	---	---
25	47	13	21	45	23	26	86	19	55	---	---	---
26	67	17	29	51	21	25	82	43	56	---	---	---
27	99	16	48	34	20	24	59	41	49	---	---	---
28	75	40	52	47	20	24	61	33	41	---	---	---
29	110	44	59	41	20	23	37	24	30	---	---	---
30	88	25	41	34	20	22	27	17	22	---	---	---
31	85	25	38	---	---	---	63	17	23	---	---	---
Month	---	---	---	---	---	---	150	17	54	---	---	---

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	---	---	---	---	---	---	43	15	21	81	15	23
2	---	---	---	---	---	---	44	17	21	46	16	22
3	---	---	---	---	---	---	48	18	25	470	19	130
4	---	---	---	---	---	---	53	20	28	230	140	180
5	---	---	---	---	---	---	49	19	26	---	---	---
6	---	---	---	---	---	---	62	20	26	---	---	---
7	---	---	---	---	---	---	45	18	25	---	---	---
8	---	---	---	---	---	---	69	18	28	---	---	---
9	---	---	---	---	---	---	56	21	30	---	---	---
10	---	---	---	---	---	---	48	18	25	---	---	---
11	---	---	---	---	---	---	39	16	24	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	26	7.0	11	28	12	17
15	---	---	---	---	---	---	20	8.9	12	21	12	15
16	---	---	---	---	---	---	21	9.3	12	32	9.7	16
17	---	---	---	---	---	---	38	11	14	20	12	16
18	---	---	---	---	---	---	33	9.0	13	22	15	18
19	---	---	---	---	---	---	13	7.2	8.9	23	14	18
20	---	---	---	---	---	---	11	7.1	8.7	20	13	16
21	---	---	---	---	---	---	23	8.4	11	96	15	37
22	---	---	---	---	---	---	18	8.2	12	58	20	27
23	---	---	---	---	---	---	16	10	12	24	18	20
24	---	---	---	---	---	---	23	11	15	35	17	20
25	---	---	---	---	---	---	30	14	18	35	17	19
26	---	---	---	---	---	---	25	11	15	31	16	20
27	---	---	---	---	---	---	30	9.3	12	33	16	20
28	---	---	---	---	---	---	49	12	19	35	17	21
29	---	---	---	---	---	---	52	12	19	190	17	74
30	---	---	---	---	---	---	37	13	21	360	51	130
31	---	---	---	34	14	18	---	---	---	370	71	190
Month	---	---	---	---	---	---	---	---	---	---	---	---

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	79	24	46	---	---	---	27	10	15	17	8.7	12
2	47	21	29	---	---	---	53	9.5	17	19	11	14
3	34	19	25	---	---	---	25	11	16	87	14	20
4	32	18	24	---	---	---	37	8.4	15	100	13	23
5	30	15	20	---	---	---	24	9.1	13	20	13	15
6	38	15	21	---	---	---	20	10	15	20	15	16
7	39	18	29	11	1.4	3.7	26	10	14	25	17	19
8	43	9.1	21	14	2.9	6.5	21	7.7	13	25	20	22
9	46	7.4	18	7.7	2.2	4.5	19	7.5	10	34	22	25
10	35	5.5	13	21	4.3	8.2	50	8.4	14	---	---	---
11	22	7.0	11	17	5.1	9.3	22	7.0	11	---	---	---
12	34	6.7	13	27	5.4	8.9	18	7.4	10	---	---	---
13	33	6.9	13	42	3.0	11	22	6.4	9.8	---	---	---
14	21	7.2	10	15	3.6	7.2	310	10	48	---	---	---
15	27	6.2	11	9.1	3.6	5.9	440	150	320	---	---	---
16	23	6.9	12	32	6.0	18	170	63	86	---	---	---
17	23	7.1	13	---	---	---	86	53	62	---	---	---
18	19	6.0	11	---	---	---	74	49	61	23	7.7	11
19	16	4.0	9.1	---	---	---	220	62	110	23	8.5	12
20	17	4.0	8.2	---	---	---	210	48	84	23	7.3	12
21	---	---	---	---	---	---	64	32	43	110	23	56
22	---	---	---	---	---	---	---	---	---	93	18	62
23	---	---	---	43	8.9	15	---	---	---	41	20	26
24	---	---	---	380	10	31	---	---	---	---	---	---
25	---	---	---	23	7.8	12	---	---	---	63	22	34
26	---	---	---	21	8.7	12	---	---	---	120	23	50
27	---	---	---	24	9.4	13	---	---	---	69	23	43
28	---	---	---	37	12	18	15	7.0	11	98	50	81
29	---	---	---	30	10	16	17	7.1	11	160	80	96
30	---	---	---	25	9.5	16	21	8.0	12	100	83	90
31	---	---	---	78	12	21	19	7.6	10	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

[%, percent; ANC, acid neutralizing capacity; CaCO3, calcium carbonate; MF, membrane filter; col/100 mL, colonies per 100 milliliters; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius]

Date	Sample start time	Temperature, water, °C (00010)	Barometric pressure, mm Hg (00025)	Discharge, instantaneous, ft³/s (00061)	Specific conductance, water, unfiltered, µS/cm at 25 °C (00095)	Dissolved oxygen, water, unfiltered, mg/L (00300)	Dissolved oxygen, water, unfiltered, % saturation (00301)	Escherichia coli, modified m-TEC MF method, water, col/100 mL (90902)	pH, water, unfiltered, field, standard units (00400)	ANC, water, unfiltered, inflection-point, incremental titration method, field, mg/L as CaCO3 (00419)
10-26-2009	0830	18.2	771	5,830	52	9.2	98	220	6.9	14
12-21-2009	0900	9.2	--	34,000	41	10.0	87	290	6.8	--

Date	Bicarbonate, water, unfiltered, inflection-point, incremental titration method, field, mg/L (00450)	Organic carbon, water, filtered, mg/L (00681)
10-26-2009	17	2.9

PESTICIDE ANALYSES
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
[µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	1-Naphthol, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49295)	2,4-D methyl ester, water, filtered, recoverable, µg/L (50470)	2,4-D, water, filtered, recoverable, µg/L (39732)	2,4-DB, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38746)	2,6-Diethylaniline, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82660)	2-Chloro-2',6'-diethylacetanilide, water, filtered, recoverable, µg/L (61618)	2-Chloro-4-isopropylamino-6-amino-s-triazine, water, filtered, recoverable, µg/L (04040)	2-Chloro-6-ethylamino-4-amino-s-triazine, water, filtered, recoverable, µg/L (04038)	2-Ethyl-6-methylaniline, water, filtered, recoverable, µg/L (61620)
10-26-2009	0830	< .04	< .200	< .06	< .02	< .006	< .010	E .009	< .06	< .010

Date	2-Hydroxy-4-isopropylamino-6-ethylamino-s-triazine, water, filtered, recoverable, µg/L (50355)	3,4-Dichloroaniline, water, filtered, recoverable, µg/L (61625)	3,5-Dichloroaniline, water, filtered, recoverable, µg/L (61627)	3-Hydroxy carbofuran, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49308)	4-Chloro-2-methylphenol, water, filtered, recoverable, µg/L (61633)	Acetochlor, water, filtered, recoverable, µg/L (49260)	Acifluorfen, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49315)	Alachlor, water, filtered, recoverable, µg/L (46342)	Aldicarb sulfone, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49313)	Aldicarb sulfoxide, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49314)
10-26-2009	< .060	< .004	< .003	< .040	< .003	< .010	< .040	< .008	< .08	< .060

Date	Aldicarb, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49312)	alpha-Endosulfan, water, filtered, recoverable, µg/L (34362)	Atrazine, water, filtered, recoverable, µg/L (39632)	Azinphos-methyl oxygen analog, water, filtered, recoverable, µg/L (61635)	Azinphos-methyl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82686)	Bendiocarb, water, filtered, recoverable, µg/L (50299)	Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82673)	Benomyl, water, filtered, recoverable, µg/L (50300)	Bensulfuron-methyl, water, filtered, recoverable, µg/L (61693)	Bentazon, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38711)
10-26-2009	< .12	< .006	.012	< .04	< .120	< .04	< .014	< .060	< .06	< .06

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL—Continued

PESTICIDE ANALYSES
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
[µg/L, micrograms per liter; <, less than]

Date	Bromacil, water, filtered, recoverable, µg/L (04029)	Bromoxynil, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49311)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49310)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82680)	Carbofuran, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49309)	Carbofuran, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82674)	Chloramben methyl ester, water, filtered, recoverable, µg/L (61188)	Chlorimuron-ethyl, water, filtered, recoverable, µg/L (50306)	Chlorpyrifos oxygen analog, water, filtered, recoverable, µg/L (61636)
10-26-2009	< .06	< .12	< .04	< .060	< .040	< .060	< .10	< .080	< .05

Date	Chlorpyrifos, water, filtered, recoverable, µg/L (38933)	cis-Permethrin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82687)	cis-Propiconazole, water, filtered, recoverable, µg/L (79846)	Clopyralid, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49305)	Cyanazine, water, filtered, recoverable, µg/L (04041)	Cycloate, water, filtered, recoverable, µg/L (04031)	Cyfluthrin, water, filtered, recoverable, µg/L (61585)	Cypermethrin, water, filtered, recoverable, µg/L (61586)	Dacthal monoacid, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49304)	DCPA, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82682)
10-26-2009	< .010	< .014	< .006	< .06	< .022	< .04	< .016	< .020	< .04	< .008

Date	Desulfinylfipronil amide, water, filtered, recoverable, µg/L (62169)	Desulfinylfipronil, water, filtered, recoverable, µg/L (62170)	Diazinon, water, filtered, recoverable, µg/L (39572)	Dicamba, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38442)	Dichlorprop, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49302)	Dichlorvos, water, filtered, recoverable, µg/L (38775)	Dicrotophos, water, filtered, recoverable, µg/L (38454)	Dieldrin, water, filtered, recoverable, µg/L (39381)	Dimethoate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82662)	Dinoseb, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49301)
10-26-2009	< .029	< .012	< .005	< .04	< .04	< .02	< .08	< .009	< .006	< .04

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL—Continued

PESTICIDE ANALYSES
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
[µg/L, micrograms per liter; <, less than]

Date	Diphenamid, water, filtered, recoverable, µg/L (04033)	Disulfoton sulfone, water, filtered, recoverable, µg/L (61640)	Disulfoton, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82677)	Diuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49300)	Endosulfan sulfate, water, filtered, recoverable, µg/L (61590)	EPTC, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82668)	Ethion monoxon, water, filtered, recoverable, µg/L (61644)	Ethion, water, filtered, recoverable, µg/L (82346)	Ethoprop, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82672)	Fenamiphos sulfone, water, filtered, recoverable, µg/L (61645)
10-26-2009	< .04	< .01	< .04	< .04	< .014	< .002	< .02	< .008	< .016	< .053

Date	Fenamiphos sulfoxide, water, filtered, recoverable, µg/L (61646)	Fenamiphos, water, filtered, recoverable, µg/L (61591)	Fenuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49297)	Fipronil sulfide, water, filtered, recoverable, µg/L (62167)	Fipronil sulfone, water, filtered, recoverable, µg/L (62168)	Fipronil, water, filtered, recoverable, µg/L (62166)	Flumetsulam, water, filtered, recoverable, µg/L (61694)	Fluometuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38811)	Fonofos, water, filtered, recoverable, µg/L (04095)	Hexazinone, water, filtered, recoverable, µg/L (04025)
10-26-2009	< .08	< .03	< .06	< .013	< .024	< .018	< .06	< .04	< .004	< .008

Date	Imazaquin, water, filtered, recoverable, µg/L (50356)	Imazethapyr, water, filtered, recoverable, µg/L (50407)	Imidacloprid, water, filtered, recoverable, µg/L (61695)	Iprodione, water, filtered, recoverable, µg/L (61593)	Isofenphos, water, filtered, recoverable, µg/L (61594)	lambda-Cyhalothrin, water, filtered, recoverable, µg/L (61595)	Linuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38478)	Malaoxon, water, filtered, recoverable, µg/L (61652)	Malathion, water, filtered, recoverable, µg/L (39532)	MCPA, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38482)
10-26-2009	< .06	< .06	< .060	< .014	< .006	< .010	< .04	< .080	< .016	< .04

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL—Continued

PESTICIDE ANALYSES
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
[µg/L, micrograms per liter; <, less than]

Date	MCPB, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38487)	Metalaxyl, water, filtered, recoverable, µg/L (50359)	Metalaxyl, water, filtered, recoverable, µg/L (61596)	Methidathion, water, filtered, recoverable, µg/L (61598)	Methiocarb, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38501)	Methomyl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49296)	Methyl paraoxon, water, filtered, recoverable, µg/L (61664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82667)	Metolachlor, water, filtered, recoverable, µg/L (39415)	Metribuzin, water, filtered, recoverable, µg/L (82630)
10-26-2009	< .20	< .04	< .007	< .006	< .040	< .120	< .01	< .008	< .014	< .012

Date	Metsulfuron-methyl, water, filtered, recoverable, µg/L (61697)	Molinate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82671)	Myclobutanil, water, filtered, recoverable, µg/L (61599)	N-(4-Chlorophenyl)-N'-methylurea, water, filtered, recoverable, µg/L (61692)	Neburon, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49294)	Nicosulfuron, water, filtered, recoverable, µg/L (50364)	Norflurazon, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49293)	Oryzalin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49292)	Oxamyl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38866)	Oxyfluorfen, water, filtered, recoverable, µg/L (61600)
10-26-2009	< .14	< .003	< .010	< .06	< .02	< .10	< .04	< .04	< .12	< .010

Date	Pendimethalin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82683)	Phorate oxygen analog, water, filtered, recoverable, µg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82664)	Phosmet oxygen analog, water, filtered, recoverable, µg/L (61668)	Phosmet, water, filtered, recoverable, µg/L (61601)	Picloram, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49291)	Prometon, water, filtered, recoverable, µg/L (04037)	Prometryn, water, filtered, recoverable, µg/L (04036)	Propanil, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82679)	Propargite, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82685)
10-26-2009	< .012	< .03	< .020	< .05	< .034	< .12	< .01	< .006	< .010	< .02

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL—Continued

PESTICIDE ANALYSES
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
[µg/L, micrograms per liter; <, less than; E, estimated]

Date	Propham, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49236)	Propiconazole, water, filtered, recoverable, µg/L (50471)	Propoxur, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38538)	Propyzamide, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82676)	Siduron, water, filtered, recoverable, µg/L (38548)	Simazine, water, filtered, recoverable, µg/L (04035)	Sulfometuron-methyl, water, filtered, recoverable, µg/L (50337)	Tebuthiuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82670)	Tefluthrin, water, filtered, recoverable, µg/L (61606)	Terbacil, water, filtered, recoverable, µg/L (04032)
10-26-2009	< .040	< .04	< .060	< .007	< .04	.017	< .060	< .03	< .010	< .040

Date	Terbufos oxygen analog sulfone, water, filtered, recoverable, µg/L (61674)	Terbufos, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82675)	Terbuthylazine, water, filtered, recoverable, µg/L (04022)	Thiobencarb, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82681)	trans-Propiconazole, water, filtered, recoverable, µg/L (79847)	Tribuphos, water, filtered, recoverable, µg/L (61610)	Triclopyr, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49235)	Trifluralin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82661)
10-26-2009	< .04	< .02	< .01	< .016	< .02	< .018	< .08	E .007

VOLATILE ORGANIC COMPOUNDS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
[µg/L, micrograms per liter; <, less than]

Date	Sample start time	1,2,3-Trichloropropane, water, unfiltered, recoverable, µg/L (77443)	1,2-Dibromo-3-chloropropane, water, unfiltered, recoverable, µg/L (82625)	1,2-Dibromoethane, water, unfiltered, recoverable, µg/L (77651)	1,2-Dichloroethane, water, unfiltered, recoverable, µg/L (32103)	1,2-Dichloropropane, water, unfiltered, recoverable, µg/L (34541)	1,3-Dichloropropane, water, unfiltered, recoverable, µg/L (77173)	1,4-Dichlorobenzene, water, unfiltered, recoverable, µg/L (34571)	3-Chloropropene, water, unfiltered, recoverable, µg/L (78109)	Acrylonitrile, water, unfiltered, recoverable, µg/L (34215)
10-26-2009	0830	< .12	< .3	< .05	< .1	< .03	< .1	< .03	< .08	< 0.8
12-21-2009	0800	< .12	< .3	< .05	< .1	< .03	< .1	< .03	< .08	< 0.8
12-21-2009	0830	< .12	< .3	< .05	< .1	< .03	< .1	< .03	< .08	< 0.8
12-21-2009	0900	< .12	< .3	< .05	< .1	< .03	< .1	< .03	< .08	< 0.8

Date	Bromomethane, water, unfiltered, recoverable, µg/L (34413)	Carbon disulfide, water, unfiltered, µg/L (77041)	cis-1,3-Dichloropropene, water, unfiltered, recoverable, µg/L (34704)	Iodomethane, water, unfiltered, recoverable, µg/L (77424)	trans-1,3-Dichloropropene, water, unfiltered, recoverable, µg/L (34699)	1,1,1,2-Tetrachloroethane, water, unfiltered, recoverable, µg/L (77562)	1,1,1-Trichloroethane, water, unfiltered, recoverable, µg/L (34506)	1,1,2,2-Tetrachloroethane, water, unfiltered, recoverable, µg/L (34516)	1,1,2-Trichloro-1,2,2-trifluoroethane, water, unfiltered, recoverable, µg/L (77652)	1,1,2-Trichloroethane, water, unfiltered, recoverable, µg/L (34511)
10-26-2009	< .2	< .04	< .10	< .26	< .14	< .04	< .03	< .14	< .03	< .05
12-21-2009	< .2	< .04	< .10	< .26	< .14	< .04	< .03	< .14	< .03	< .05
12-21-2009	< .2	< .04	< .10	< .26	< .14	< .04	< .03	< .14	< .03	< .05
12-21-2009	< .2	< .04	< .10	< .26	< .14	< .04	< .03	< .14	< .03	< .05

Date	1,1-Dichloroethane, water, unfiltered, recoverable, µg/L (34496)	1,1-Dichloroethene, water, unfiltered, recoverable, µg/L (34501)	1,1-Dichloropropene, water, unfiltered, recoverable, µg/L (77168)	1,2,3,4-Tetramethylbenzene, water, unfiltered, recoverable, µg/L (49999)	1,2,3-Trichlorobenzene, water, unfiltered, recoverable, µg/L (77613)	1,2,3-Trimethylbenzene, water, unfiltered, recoverable, µg/L (77221)	1,2,4-Trichlorobenzene, water, unfiltered, recoverable, µg/L (34551)	1,2,4-Trimethylbenzene, water, unfiltered, recoverable, µg/L (77222)	1,2-Dichlorobenzene, water, unfiltered, recoverable, µg/L (34536)	1,3,5-Trimethylbenzene, water, unfiltered, recoverable, µg/L (77226)
10-26-2009	< .04	< .02	< .03	< .1	< .1	< .1	< .1	< .03	< .03	< .03
12-21-2009	< .04	< .02	< .03	< .1	< .1	< .1	< .1	< .03	< .03	< .03
12-21-2009	< .04	< .02	< .03	< .1	< .1	< .1	< .1	< .03	< .03	< .03
12-21-2009	< .04	< .02	< .03	< .1	< .1	< .1	< .1	< .03	< .03	< .03

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL—Continued

VOLATILE ORGANIC COMPOUNDS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
[µg/L, micrograms per liter; <, less than; E, estimated]

Date	1,3-Dichlorobenzene, water, unfiltered, recoverable, µg/L (34566)	2,2-Dichloropropane, water, unfiltered, recoverable, µg/L (77170)	2-Chlorotoluene, water, unfiltered, recoverable, µg/L (77275)	2-Ethyltoluene, water, unfiltered, recoverable, µg/L (77220)	4-Chlorotoluene, water, unfiltered, recoverable, µg/L (77277)	4-Isopropyltoluene, water, unfiltered, recoverable, µg/L (77356)	Acetone, water, unfiltered, recoverable, µg/L (81552)	Benzene, water, unfiltered, recoverable, µg/L (34030)	Bromobenzene, water, unfiltered, recoverable, µg/L (81555)	Bromochloromethane, water, unfiltered, recoverable, µg/L (77297)
10-26-2009	< .02	< .06	< .03	< .03	< .04	< .06	< 3	< .03	< .02	< .06
12-21-2009	< .02	< .06	< .03	< .03	< .04	< .06	< 3	E .01	< .02	< .06
12-21-2009	< .02	< .06	< .03	< .03	< .04	< .06	< 3	E .01	< .02	< .06
12-21-2009	< .02	< .06	< .03	< .03	< .04	< .06	< 3	< .03	< .02	< .06

Date	Bromodichloromethane, water, unfiltered, recoverable, µg/L (32101)	Bromoethene, water, unfiltered, recoverable, µg/L (50002)	Chlorobenzene, water, unfiltered, recoverable, µg/L (34301)	Chloroethane, water, unfiltered, recoverable, µg/L (34311)	Chloromethane, water, unfiltered, recoverable, µg/L (34418)	cis-1,2-Dichloroethene, water, unfiltered, recoverable, µg/L (77093)	Dibromochloromethane, water, unfiltered, recoverable, µg/L (32105)	Dibromomethane, water, unfiltered, recoverable, µg/L (30217)	Dichlorodifluoromethane, water, unfiltered, recoverable, µg/L (34668)	Dichloromethane, water, unfiltered, recoverable, µg/L (34423)
10-26-2009	< .03	< .1	< .02	< .1	< .1	< .02	< .1	< .05	< .10	< 0.038
12-21-2009	< .03	< .1	< .02	< .1	< .1	< .02	< .1	< .05	< .10	< 0.038
12-21-2009	< .03	< .1	< .02	< .1	< .1	< .02	< .1	< .05	< .10	< 0.038
12-21-2009	< .03	< .1	< .02	< .1	< .1	< .02	< .1	< .05	< .10	< 0.038

Date	Diethyl ether, water, unfiltered, recoverable, µg/L (81576)	Diisopropyl ether, water, unfiltered, recoverable, µg/L (81577)	Ethylbenzene, water, unfiltered, recoverable, µg/L (34371)	Hexachlorobutadiene, water, unfiltered, recoverable, µg/L (39702)	Hexachloroethane, water, unfiltered, recoverable, µg/L (34396)	Isobutyl methyl ketone, water, unfiltered, recoverable, µg/L (78133)	Isopropylbenzene, water, unfiltered, recoverable, µg/L (77223)	Methyl acrylate, water, unfiltered, recoverable, µg/L (49991)	Methyl acrylonitrile, water, unfiltered, recoverable, µg/L (81593)	Methyl methacrylate, water, unfiltered, recoverable, µg/L (81597)
10-26-2009	< .1	< .06	< .04	< .1	< .1	< .3	< .04	< .6	< .3	< .2
12-21-2009	< .1	< .06	< .04	< .1	< .1	< .3	< .04	< .6	< .3	< .2
12-21-2009	< .1	< .06	< .04	< .1	< .1	< .3	< .04	< .6	< .3	< .2
12-21-2009	< .1	< .06	< .04	< .1	< .1	< .3	< .04	< .6	< .3	< .2

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL—Continued

VOLATILE ORGANIC COMPOUNDS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
[µg/L, micrograms per liter; <, less than; E, estimated]

Date	Methyl tert-butyl ether, water, unfiltered, recoverable, µg/L (78032)	Methyl tert-pentyl ether, water, unfiltered, recoverable, µg/L (50005)	m-Xylene plus p-xylene, water, unfiltered, recoverable, µg/L (85795)	Naphthalene, water, unfiltered, recoverable, µg/L (34696)	n-Butyl methyl ketone, water, unfiltered, recoverable, µg/L (77103)	n-Butylbenzene, water, unfiltered, recoverable, µg/L (77342)	n-Propylbenzene, water, unfiltered, recoverable, µg/L (77224)	o-Xylene, water, unfiltered, recoverable, µg/L (77135)	sec-Butylbenzene, water, unfiltered, recoverable, µg/L (77350)	Styrene, water, unfiltered, recoverable, µg/L (77128)
10-26-2009	< .10	< .06	< .08	< .2	< .5	< .1	< .04	< .03	< .03	E .02
12-21-2009	< .10	< .06	< .08	< .2	< .5	< .1	< .04	< .03	< .03	E .03
12-21-2009	< .10	< .06	< .08	< .2	< .5	< .1	< .04	< .03	< .03	E .01
12-21-2009	< .10	< .06	< .08	< .2	< .5	< .1	< .04	< .03	< .03	E .02

Date	tert-Butyl ethyl ether, water, unfiltered, recoverable, µg/L (50004)	tert-Butylbenzene, water, unfiltered, recoverable, µg/L (77353)	Tetrachloroethene, water, unfiltered, recoverable, µg/L (34475)	Tetrachloromethane, water, unfiltered, recoverable, µg/L (32102)	Tetrahydrofuran, water, unfiltered, recoverable, µg/L (81607)	Toluene, water, unfiltered, recoverable, µg/L (34010)	trans-1,2-Dichloroethene, water, unfiltered, recoverable, µg/L (34546)	trans-1,4-Dichloro-2-butene, water, unfiltered, recoverable, µg/L (73547)	Tribromomethane, water, unfiltered, recoverable, µg/L (32104)	Trichloroethene, water, unfiltered, recoverable, µg/L (39180)
10-26-2009	< .03	< .06	< .03	< .05	< 1	< .02	< .02	< .4	< .10	< .02
12-21-2009	< .03	< .06	< .03	< .05	< 1	E .01	< .02	< .4	< .10	< .02
12-21-2009	< .03	< .06	< .03	< .05	< 1	E .01	< .02	< .4	< .10	< .02
12-21-2009	< .03	< .06	< .03	< .05	< 1	E .01	< .02	< .4	< .10	< .02

Date	Trichlorofluoromethane, water, unfiltered, recoverable, µg/L (34488)	Trichloromethane, water, unfiltered, recoverable, µg/L (32106)	Vinyl chloride, water, unfiltered, recoverable, µg/L (39175)
10-26-2009	< .08	< .03	< .1
12-21-2009	< .08	< .03	< .1
12-21-2009	< .08	< .03	< .1
12-21-2009	< .08	< .03	< .1

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
[µg/L, micrograms per liter; --, no data; <, less than; M, presence verified but not quantified]

Date	Sample start time	Cotinine, water, filtered, recoverable, µg/L (62005)	4-tert-Octylphenol diethoxylate, water, filtered, recoverable, µg/L (61705)	4-tert-Octylphenol monoethoxylate, water, filtered, recoverable, µg/L (61706)	5-Methyl-1H-benzotriazole, water, filtered, recoverable, µg/L (62063)	9,10-Anthraquinone, water, filtered, recoverable, µg/L (62066)	Acetophenone, water, filtered, recoverable, µg/L (62064)	Acetyl hexamethyl tetrahydronaphthalene, water, filtered, recoverable, µg/L (62065)	Anthracene, water, filtered, recoverable, µg/L (34221)	1,4-Dichlorobenzene, water, filtered, recoverable, µg/L (34572)
10-26-2009	0830	< .600	< 1	< 1	< 1	< .2	< .4	< 0.028	< 0.028	< 0.040
12-21-2009	0800	< .600	< 1	< 1	< 1	< .2	< .4	< 0.028	< 0.028	< 0.040
12-21-2009	0830	< .600	< 1	< 1	< 1	< .2	< .4	< 0.028	< 0.028	< 0.040
12-21-2009	0900	< .600	< 1	< 1	< 1	< .2	< .4	< 0.028	< 0.028	< 0.040

Date	Benzo[a]pyrene, water, filtered, recoverable, µg/L (34248)	Benzophenone, water, filtered, recoverable, µg/L (62067)	Bromacil, water, filtered, recoverable, µg/L (04029)	Tribromomethane, water, filtered, recoverable, µg/L (34288)	Caffeine, water, filtered, recoverable, µg/L (50305)	Camphor, water, filtered, recoverable, µg/L (62070)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82680)	Carbazole, water, filtered, recoverable, µg/L (62071)	Chlorpyrifos, water, filtered, recoverable, µg/L (38933)	Cholesterol, water, filtered, recoverable, µg/L (62072)
10-26-2009	< .1	M	< .06	< .1	< .080	< 0.044	< .060	< 0.030	< .010	< 2
12-21-2009	< .1	< .1	< .4	< .1	< .1	< 0.044	< 0.38	< 0.030	< .2	< 2
12-21-2009	< .1	< .1	< .4	< .1	< .1	< 0.044	< 0.38	< 0.030	< .2	< 2
12-21-2009	< .1	< .1	< .4	< .1	< .1	< 0.044	< 0.38	< 0.030	< .2	< 2

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
[µg/L, micrograms per liter; --, no data; <, less than; M, presence verified but not quantified]

Date	3-beta-Coprostanol, water, filtered, recoverable, µg/L (62057)	Isopropylbenzene, water, filtered, recoverable, µg/L (62078)	DEET, water, filtered, recoverable, µg/L (62082)	Diazinon, water, filtered, recoverable, µg/L (39572)	Triethyl citrate, water, filtered, recoverable, µg/L (62091)	Tetrachloroethene, water, filtered, recoverable, µg/L (34476)	Fluoranthene, water, filtered, recoverable, µg/L (34377)	Hexahydrohexamethyl cyclopentabenzopyran, water, filtered, recoverable, µg/L (62075)	Indole, water, filtered, recoverable, µg/L (62076)	Isoborneol, water, filtered, recoverable, µg/L (62077)
10-26-2009	< 2	M	M	< .005	< .4	< .1	< 0.024	M	< .1	< .2
12-21-2009	< 2	< .3	< .1	< .2	< .4	< .1	< 0.024	< .1	< .1	< .2
12-21-2009	< 2	< .3	M	< .2	< .4	< .1	< 0.024	< .1	< .1	< .2
12-21-2009	< 2	< .3	< .1	< .2	< .4	< .1	< 0.024	< .1	< .1	< .2

Date	Isophorone, water, filtered, recoverable, µg/L (34409)	Isoquinoline, water, filtered, recoverable, µg/L (62079)	D-Limonene, water, filtered, recoverable, µg/L (62073)	Menthol, water, filtered, recoverable, µg/L (62080)	Metalaxyl, water, filtered, recoverable, µg/L (50359)	Metolachlor, water, filtered, recoverable, µg/L (39415)	Naphthalene, water, filtered, recoverable, µg/L (34443)	1-Methylnaphthalene, water, filtered, recoverable, µg/L (62054)	2,6-Dimethylnaphthalene, water, filtered, recoverable, µg/L (62055)	2-Methylnaphthalene, water, filtered, recoverable, µg/L (62056)
10-26-2009	< .1	< 0.046	< .1	< .3	< .04	< .014	< 0.040	< 0.022	< .1	< 0.036
12-21-2009	< .1	< 0.046	< .1	< .3	< .1	< .1	< 0.040	< 0.022	< .1	< 0.036
12-21-2009	< .1	< 0.046	< .1	< .3	< .1	< .1	< 0.040	< 0.022	< .1	< 0.036
12-21-2009	< .1	< 0.046	< .1	< .3	< .1	< .1	< 0.040	< 0.022	< .1	< 0.036

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
[µg/L, micrograms per liter; --, no data; <, less than]

Date	4-Nonylphenol diethoxylate (sum of all isomers), water, filtered, recoverable, µg/L (62083)	p-Cresol, water, filtered, recoverable, µg/L (62084)	4-Cumylphenol, water, filtered, recoverable, µg/L (62060)	4-Nonylphenol (sum of all isomers), water, filtered, recoverable, µg/L (62085)	4-n-Octylphenol, water, filtered, recoverable, µg/L (62061)	4-tert-Octylphenol, water, filtered, recoverable, µg/L (62062)	Phenanthrene, water, filtered, recoverable, µg/L (34462)	Phenol, water, filtered, recoverable, µg/L (34466)	Tributyl phosphate, water, filtered, recoverable, µg/L (62089)	Triphenyl phosphate, water, filtered, recoverable, µg/L (62092)
10-26-2009	< 5	< .08	< 0.06	< 2	< 0.16	< 0.14	< 0.032	< .2	< .2	< .1
12-21-2009	< 5	< .08	< 0.06	< 2	< 0.16	< 0.14	< 0.032	< .2	< .2	< .1
12-21-2009	< 5	< .08	< 0.06	< 2	< 0.16	< 0.14	< 0.032	< .2	< .2	< .1
12-21-2009	< 5	< .08	< 0.06	< 2	< 0.16	< 0.14	< 0.032	< .2	< .2	< .1

Date	Tris(2-butoxyethyl) phosphate, water, filtered, recoverable, µg/L (62093)	Tris(2-chloroethyl) phosphate, water, filtered, recoverable, µg/L (62087)	Prometon, water, filtered, recoverable, µg/L (04037)	Pyrene, water, filtered, recoverable, µg/L (34470)	Methyl salicylate, water, filtered, recoverable, µg/L (62081)	3-Methyl-1H-indole, water, filtered, recoverable, µg/L (62058)	beta-Sitosterol, water, filtered, recoverable, µg/L (62068)	beta-Stigmastanol, water, filtered, recoverable, µg/L (62086)	Triclosan, water, filtered, recoverable, µg/L (62090)	Tris(dichloroisopropyl) phosphate, water, filtered, recoverable, µg/L (62088)
10-26-2009	< .8	< .1	< .01	< 0.042	< 0.044	< 0.036	< 4	< 3	< 0.20	< .2
12-21-2009	< .8	< .1	< .1	< 0.042	< 0.044	< 0.036	< 4	< 3	< 0.20	< .2
12-21-2009	< .8	< .1	< .1	< 0.042	< 0.044	< 0.036	< 4	< 3	< 0.20	< .2
12-21-2009	< .8	< .1	< .1	< 0.042	< 0.044	< 0.036	< 4	< 3	< 0.20	< .2