



Water-Data Report 2008

02457670 FIVEMILE CREEK BELOW PRUDES CREEK NEAR GRAYSVILLE, AL

Black Warrior-Tombigbee Basin
Locust Subbasin

LOCATION.--Lat 33°38'32", long 86°57'15" referenced to North American Datum of 1927, Jefferson County, AL, Hydrologic Unit 03160111, on left bank 0.2 mi downstream of Prudes Creek, 1.4 mi east of Graysville, and at mile 12.5.

DRAINAGE AREA.--91.7 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--April 1997 to December 2006, January 2007 to September 2007 (gage height only), October 2007 to September 2008 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 340 ft above NGVD of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: January 7, 9, 10, May 8, 11, 27, June 1, 25-30, July 1-8, 14-22, 24, 25, August 2-4, 17-20, and 24-26. Records fair except those estimated which are poor.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	34	22	29	54	243	151	186	129	e500	e37	85	53
2	32	21	26	46	134	122	151	125	387	e35	e81	48
3	25	22	29	33	131	112	126	224	233	e33	e75	45
4	26	20	28	28	158	609	114	171	184	e35	e67	43
5	25	21	27	27	116	308	352	112	131	e30	59	40
6	26	24	26	24	134	215	235	93	128	e35	53	38
7	24	22	29	e26	117	527	176	118	133	e34	51	39
8	24	23	32	26	98	331	138	e340	119	e42	50	36
9	25	25	30	e92	86	239	118	282	107	95	48	36
10	30	24	29	e180	77	193	104	229	99	226	47	39
11	29	22	27	142	68	162	164	e1,010	108	232	49	33
12	29	22	28	64	66	156	483	247	179	94	58	32
13	25	26	28	61	146	148	224	218	117	95	75	46
14	22	29	30	38	84	143	173	217	172	e98	55	36
15	21	109	30	45	70	256	144	687	103	e70	50	35
16	30	44	29	58	63	170	125	655	86	e46	50	34
17	29	30	28	79	627	138	112	391	78	e43	e51	33
18	28	27	28	64	330	119	103	297	70	e41	e49	34
19	29	27	28	53	163	170	295	243	67	e40	e50	32
20	25	28	26	36	119	153	160	195	63	e40	e41	34
21	23	28	40	53	155	123	120	134	58	e48	30	35
22	26	33	33	59	729	113	102	116	55	e59	26	33
23	84	30	37	69	318	101	96	140	48	71	32	35
24	59	27	39	57	218	91	89	123	40	e57	e800	34
25	39	26	30	55	169	87	89	98	e39	e57	e494	31
26	30	53	28	58	457	82	86	89	e40	86	e1,350	36
27	27	49	25	45	263	81	104	e400	e39	135	271	34
28	25	35	97	42	186	76	291	298	e37	71	173	36
29	23	31	115	46	151	76	162	183	e35	83	114	31
30	25	29	83	43	---	168	127	159	e35	163	85	30
31	22	---	82	82	---	90	---	182	---	97	68	---
Total	921	929	1,176	1,785	5,676	5,510	4,949	7,905	3,490	2,328	4,587	1,101
Mean	29.7	31.0	37.9	57.6	196	178	165	255	116	75.1	148	36.7
Max	84	109	115	180	729	609	483	1,010	500	232	1,350	53
Min	21	20	25	24	63	76	86	89	35	30	26	30
Cfsm	0.32	0.34	0.41	0.63	2.13	1.94	1.80	2.78	1.27	0.82	1.61	0.40
In.	0.37	0.38	0.48	0.72	2.30	2.24	2.01	3.21	1.42	0.94	1.86	0.45

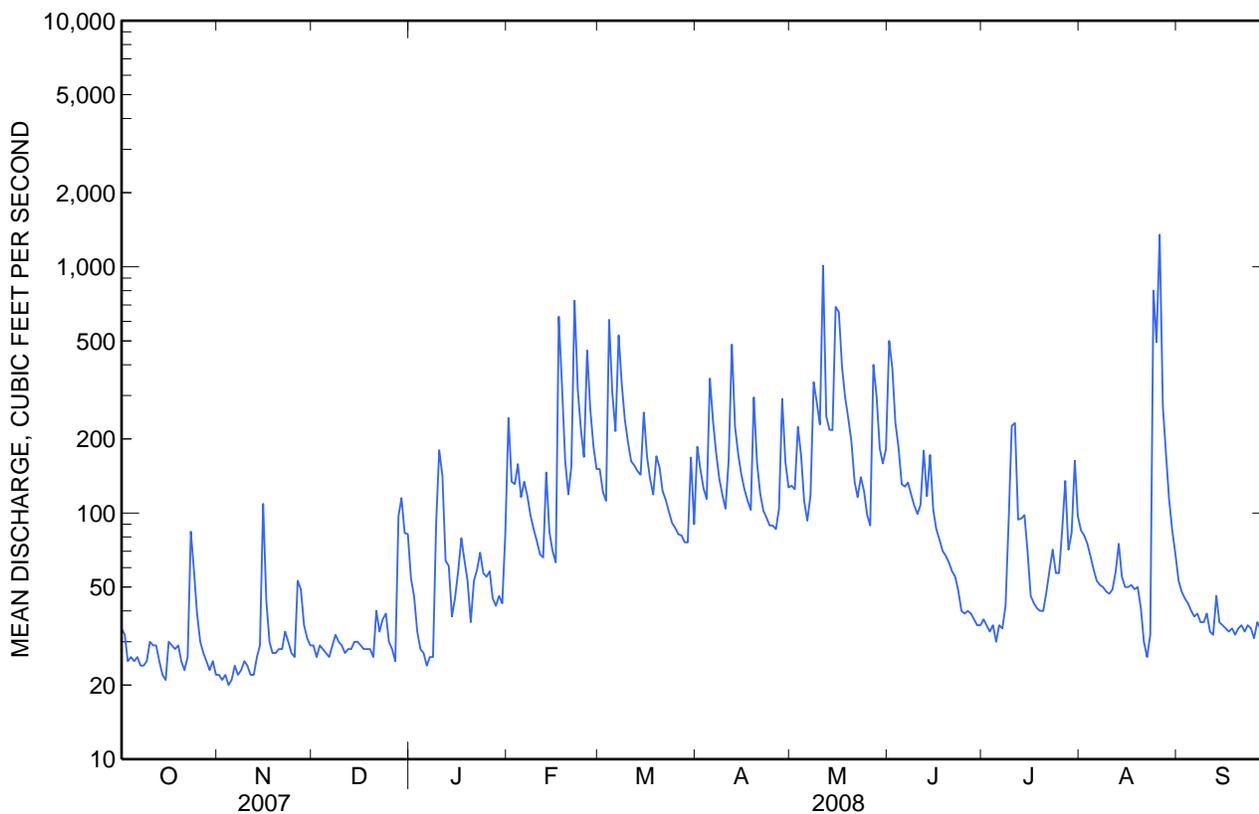
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2008, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	65.0	145	156	245	351	356	318	274	142	129	84.5	109
Max	157	740	407	744	794	568	700	1,632	329	256	148	329
(WY)	(2003)	(2005)	(2003)	(1998)	(2004)	(2000)	(2001)	(2003)	(1997)	(2005)	(2008)	(2001)
Min	29.7	31.0	37.9	57.6	112	178	107	65.5	50.4	39.7	51.1	34.7
(WY)	(2008)	(2008)	(2008)	(2008)	(2000)	(2008)	(2004)	(2000)	(2006)	(2000)	(1999)	(2000)

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SUMMARY STATISTICS

	Water Year 2008		Water Years 1997 - 2008	
Annual total	40,357			
Annual mean	110		197	
Highest annual mean			340	2003
Lowest annual mean			110	2008
Highest daily mean	1,350	Aug 26	17,300	May 8, 2003
Lowest daily mean	20	Nov 4	20	Nov 4, 2007
Annual seven-day minimum	22	Oct 31	22	Oct 31, 2007
Maximum peak flow	Unknown		29,400	May 8, 2003
Maximum peak stage	Unknown		28.62	May 8, 2003
Annual runoff (cfsm)	1.20		2.15	
Annual runoff (inches)	16.37		29.25	
10 percent exceeds	232		357	
50 percent exceeds	60		89	
90 percent exceeds	26		36	

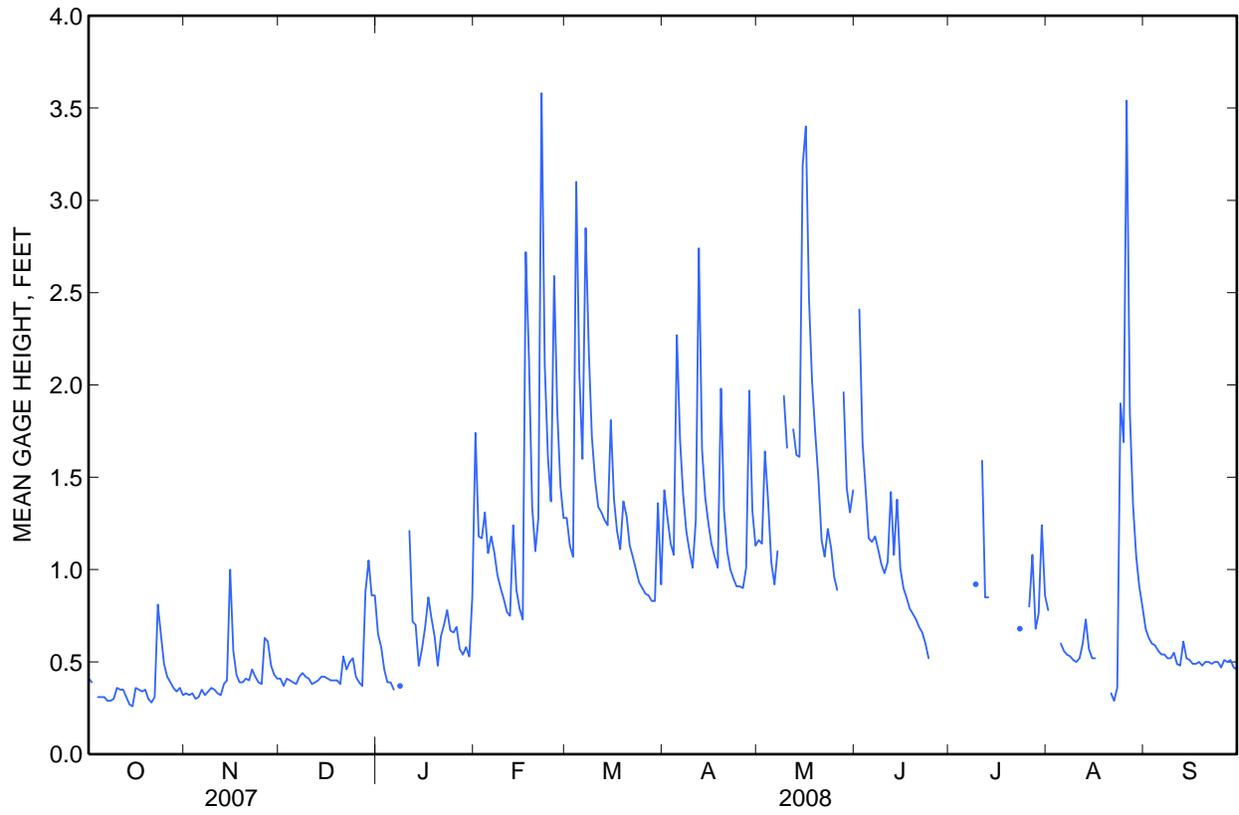


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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.41	0.33	0.41	0.65	1.74	1.28	1.43	1.16	---	---	0.78	0.68
2	0.39	0.32	0.37	0.58	1.18	1.13	1.28	1.14	2.41	---	---	0.63
3	---	0.33	0.41	0.46	1.17	1.07	1.14	1.64	1.69	---	---	0.60
4	0.31	0.30	0.40	0.39	1.31	3.10	1.08	1.37	1.44	---	---	0.59
5	0.31	0.31	0.39	0.39	1.09	2.07	2.27	1.04	1.17	---	0.60	0.56
6	0.31	0.35	0.38	0.35	1.18	1.60	1.70	0.92	1.15	---	0.56	0.54
7	0.29	0.32	0.42	---	1.09	2.85	1.41	1.10	1.18	---	0.54	0.54
8	0.29	0.34	0.44	0.37	0.97	2.18	1.21	---	1.11	---	0.53	0.52
9	0.30	0.36	0.42	---	0.90	1.72	1.10	1.94	1.03	0.92	0.51	0.52
10	0.36	0.35	0.41	---	0.84	1.49	1.01	1.66	0.98	---	0.50	0.55
11	0.35	0.33	0.38	1.21	0.77	1.34	1.27	---	1.04	1.59	0.52	0.49
12	0.35	0.32	0.39	0.72	0.75	1.31	2.74	1.76	1.42	0.85	0.60	0.48
13	0.31	0.38	0.40	0.70	1.24	1.27	1.65	1.62	1.08	0.85	0.73	0.61
14	0.27	0.40	0.42	0.48	0.89	1.24	1.39	1.61	1.38	---	0.57	0.52
15	0.26	1.00	0.42	0.57	0.79	1.81	1.25	3.19	1.01	---	0.52	0.51
16	0.36	0.56	0.41	0.69	0.73	1.38	1.14	3.40	0.90	---	0.52	0.49
17	0.35	0.43	0.40	0.85	2.72	1.21	1.07	2.46	0.85	---	---	0.49
18	0.34	0.39	0.40	0.74	2.14	1.11	1.01	2.02	0.79	---	---	0.50
19	0.35	0.39	0.40	0.64	1.34	1.37	1.98	1.74	0.76	---	---	0.48
20	0.30	0.41	0.38	0.48	1.10	1.29	1.32	1.49	0.73	---	---	0.50
21	0.28	0.40	0.53	0.64	1.28	1.13	1.10	1.16	0.69	---	0.33	0.50
22	0.31	0.46	0.46	0.70	3.58	1.07	1.00	1.07	0.66	---	0.29	0.49
23	0.81	0.42	0.50	0.78	2.11	1.00	0.95	1.22	0.60	0.68	0.36	0.50
24	0.65	0.39	0.52	0.67	1.61	0.93	0.91	1.12	0.52	---	1.90	0.50
25	0.49	0.38	0.42	0.66	1.37	0.90	0.91	0.96	---	---	1.69	0.47
26	0.42	0.63	0.39	0.69	2.59	0.87	0.90	0.89	---	0.80	3.54	0.51
27	0.39	0.61	0.37	0.57	1.85	0.86	1.01	---	---	1.08	1.85	0.50
28	0.36	0.48	0.88	0.54	1.45	0.83	1.97	1.96	---	0.68	1.35	0.51
29	0.34	0.43	1.05	0.58	1.28	0.83	1.32	1.44	---	0.76	1.07	0.47
30	0.36	0.41	0.86	0.53	---	1.36	1.13	1.31	---	1.24	0.91	0.46
31	0.32	---	0.86	0.85	---	0.92	---	1.43	---	0.86	0.80	---
Mean	---	0.42	0.48	---	1.42	1.37	1.32	---	---	---	---	0.52
Max	---	1.00	1.05	---	3.58	3.10	2.74	---	---	---	---	0.68
Min	---	0.30	0.37	---	0.73	0.83	0.90	---	---	---	---	0.46

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1997 to September 2006, December 2007 to September 2008 (discontinued).

PERIOD OF DAILY RECORD.--SPECIFIC CONDUCTANCE: June 1997 to September 2006, December 2007 to September 2008.

WATER TEMPERATURE: June 1997 to September 2006, December 2007 to September 2008.

DISSOLVED OXYGEN: June 1997 to September 2006, December 2007 to September 2008.

INSTRUMENTATION.--Water-quality monitor from June 1997 to September 2006, December 2007 to September 2008.

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.

EXTREMES FOR PERIOD OF RECORD.

SPECIFIC CONDUCTANCE: Maximum, 1,200 microsiemens/cm, Oct. 24, 1998, Nov. 8, 1998; minimum, 76 microsiemens/cm, May 7, 2003.

WATER TEMPERATURE: Maximum, 31.6°C, Aug. 7, 2006; minimum, 0.8°C, Jan. 3, 2001.

DISSOLVED OXYGEN: Maximum, 19.2 mg/L, Mar. 11, 2002; minimum, 3.4 mg/L, Jan. 17, 2000, Oct. 22, 2000.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 850 microsiemens/cm, May 21; minimum, 188 microsiemens/cm, May 15.

WATER TEMPERATURE: Maximum, 22.9°C, Apr. 25; minimum, 1.5°C, Jan. 4.

DISSOLVED OXYGEN: Maximum, 15.1 mg/L, Jan. 4; minimum, 6.2 mg/L, Feb. 15.

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SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	---	---	---	---	---	---	---	---	---	458	427	440
2	---	---	---	---	---	---	---	---	---	520	458	491
3	---	---	---	---	---	---	---	---	---	546	520	535
4	---	---	---	---	---	---	---	---	---	559	546	552
5	---	---	---	---	---	---	655	628	639	612	558	573
6	---	---	---	---	---	---	674	632	653	613	598	603
7	---	---	---	---	---	---	645	628	637	605	581	592
8	---	---	---	---	---	---	649	622	634	605	445	590
9	---	---	---	---	---	---	638	597	614	517	394	450
10	---	---	---	---	---	---	650	631	639	394	351	373
11	---	---	---	---	---	---	647	639	643	423	272	317
12	---	---	---	---	---	---	657	643	646	466	344	412
13	---	---	---	---	---	---	658	606	631	514	466	496
14	---	---	---	---	---	---	626	598	612	549	514	531
15	---	---	---	---	---	---	620	613	617	569	549	561
16	---	---	---	---	---	---	619	593	604	595	562	580
17	---	---	---	---	---	---	646	606	621	574	554	564
18	---	---	---	---	---	---	643	615	621	573	546	559
19	---	---	---	---	---	---	626	589	606	565	550	561
20	---	---	---	---	---	---	614	601	607	598	563	587
21	---	---	---	---	---	---	629	608	618	606	584	595
22	---	---	---	---	---	---	625	587	607	610	595	604
23	---	---	---	---	---	---	587	562	570	597	582	589
24	---	---	---	---	---	---	589	562	576	614	581	598
25	---	---	---	---	---	---	588	571	577	581	575	578
26	---	---	---	---	---	---	575	547	554	599	579	593
27	---	---	---	---	---	---	570	553	558	595	585	591
28	---	---	---	---	---	---	577	403	502	605	584	596
29	---	---	---	---	---	---	523	421	464	608	576	596
30	---	---	---	---	---	---	439	401	413	582	562	572
31	---	---	---	---	---	---	486	438	458	567	313	481
Month	---	---	---	---	---	---	---	---	---	614	272	541

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SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	400	263	312	535	490	513	---	---	---	606	569	585
2	463	336	389	554	527	541	---	---	---	640	585	614
3	492	463	481	543	495	512	---	---	---	649	525	601
4	509	466	485	506	244	330	---	---	---	525	396	439
5	485	454	471	647	287	452	---	---	---	426	394	411
6	490	351	459	623	395	528	---	---	---	443	426	434
7	494	359	403	636	258	378	---	---	---	455	442	450
8	492	440	458	528	306	446	---	---	---	455	420	451
9	504	480	489	599	517	558	---	---	---	432	375	397
10	511	474	497	736	557	626	---	---	---	464	406	433
11	524	498	507	732	465	552	---	---	---	446	328	371
12	522	494	506	579	473	529	---	---	---	389	346	371
13	509	448	485	663	496	584	---	---	---	422	389	403
14	484	429	449	623	542	588	---	---	---	455	422	438
15	531	484	516	593	406	482	---	---	---	457	188	343
16	547	531	540	557	357	433	---	---	---	465	282	397
17	550	242	441	637	510	581	509	497	502	411	363	386
18	501	352	443	643	618	631	511	489	505	433	395	412
19	517	472	496	632	365	447	489	307	365	462	418	443
20	510	462	487	543	388	429	413	318	368	711	453	545
21	546	505	514	601	413	512	448	413	434	850	654	763
22	510	419	467	579	536	552	462	448	456	791	707	761
23	466	447	454	544	408	484	479	462	471	707	594	660
24	494	466	480	520	447	498	479	471	475	610	584	598
25	518	492	503	---	---	---	494	478	487	612	578	594
26	529	447	492	---	---	---	494	480	488	629	598	617
27	461	449	455	795	550	738	497	386	487	---	---	---
28	483	459	466	792	692	752	488	362	434	---	---	---
29	492	480	484	---	---	---	545	483	515	---	---	---
30	---	---	---	---	---	---	569	510	539	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	550	242	470	---	---	---	---	---	---	---	---	---

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SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

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TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	---	---	---	---	---	---	---	---	---	9.6	7.1	8.4
2	---	---	---	---	---	---	---	---	---	7.1	3.8	5.2
3	---	---	---	---	---	---	---	---	---	3.8	2.0	2.9
4	---	---	---	---	---	---	---	---	---	3.8	1.5	2.7
5	---	---	---	---	---	---	9.1	6.6	7.9	6.6	3.5	4.8
6	---	---	---	---	---	---	8.4	6.8	7.6	10.6	6.6	8.6
7	---	---	---	---	---	---	9.9	7.0	8.4	12.6	9.9	11.1
8	---	---	---	---	---	---	13.5	9.8	11.9	14.2	11.6	12.8
9	---	---	---	---	---	---	15.4	13.4	14.4	14.1	13.2	13.8
10	---	---	---	---	---	---	16.3	13.9	15.0	15.2	13.7	14.5
11	---	---	---	---	---	---	16.1	13.9	15.1	15.2	12.1	13.9
12	---	---	---	---	---	---	16.6	15.1	15.8	12.1	9.6	10.5
13	---	---	---	---	---	---	16.9	15.5	16.4	10.3	8.6	9.4
14	---	---	---	---	---	---	15.5	13.5	14.3	9.3	7.5	8.2
15	---	---	---	---	---	---	14.8	12.2	13.6	7.7	6.3	7.1
16	---	---	---	---	---	---	14.1	9.1	11.6	7.1	5.8	6.3
17	---	---	---	---	---	---	9.1	6.5	7.5	8.2	5.8	7.0
18	---	---	---	---	---	---	8.1	5.5	6.7	9.3	7.7	8.4
19	---	---	---	---	---	---	9.8	8.1	8.9	8.8	6.0	7.6
20	---	---	---	---	---	---	10.1	8.6	9.3	6.0	4.1	4.7
21	---	---	---	---	---	---	12.0	9.9	10.9	4.7	2.5	3.6
22	---	---	---	---	---	---	12.4	11.5	12.0	6.2	4.2	5.2
23	---	---	---	---	---	---	12.1	9.5	11.1	8.1	6.2	7.2
24	---	---	---	---	---	---	9.5	7.2	7.9	8.0	6.2	7.5
25	---	---	---	---	---	---	8.3	6.8	7.5	6.2	4.4	5.3
26	---	---	---	---	---	---	8.9	6.9	7.9	6.7	5.4	6.0
27	---	---	---	---	---	---	10.5	8.8	9.7	8.6	6.5	7.2
28	---	---	---	---	---	---	13.0	10.0	11.3	8.3	5.5	6.9
29	---	---	---	---	---	---	12.6	11.6	12.1	10.9	7.4	9.1
30	---	---	---	---	---	---	11.9	10.6	11.4	10.1	7.4	8.6
31	---	---	---	---	---	---	10.6	8.9	9.7	8.1	6.3	7.2
Month	---	---	---	---	---	---	---	---	---	15.2	1.5	7.8

02457670 FIVEMILE CREEK BELOW PRUDES CREEK NEAR GRAYSVILLE, AL—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	8.9	7.9	8.4	12.9	11.6	12.1	17.1	16.2	16.6	19.6	17.0	18.2
2	8.7	7.1	7.9	14.2	12.3	13.2	17.6	16.8	17.1	20.5	18.7	19.6
3	9.0	8.1	8.5	16.0	13.3	14.7	18.1	17.0	17.4	20.2	18.6	19.5
4	11.2	9.0	10.1	16.1	13.8	15.3	18.7	18.0	18.3	20.3	17.9	19.1
5	13.9	11.2	12.2	13.8	12.7	13.2	18.7	17.3	18.0	19.8	17.3	18.7
6	14.9	12.8	13.8	13.5	11.3	12.5	17.3	16.5	16.8	20.1	17.5	18.8
7	12.8	10.3	11.2	13.3	11.6	12.2	18.0	16.5	17.0	21.3	18.7	19.8
8	10.7	8.5	9.6	12.1	11.6	11.8	18.4	17.8	18.0	20.8	19.5	20.1
9	9.9	8.6	9.4	11.9	10.8	11.4	18.8	17.4	18.0	19.9	19.0	19.4
10	9.5	8.0	8.8	12.5	11.2	11.8	19.3	18.0	18.5	20.6	19.6	20.0
11	9.1	7.8	8.5	13.5	12.0	12.7	19.9	19.0	19.4	20.6	19.7	20.0
12	10.3	8.7	9.4	13.9	10.8	12.5	19.7	18.9	19.2	19.7	18.7	19.1
13	10.2	7.7	9.1	13.8	12.0	13.1	18.9	17.2	17.9	18.9	18.0	18.4
14	8.7	5.8	7.4	14.7	13.7	14.1	17.2	15.8	16.4	19.2	17.4	18.3
15	9.8	7.0	8.3	16.0	14.6	15.0	15.8	14.9	15.3	18.9	18.2	18.6
16	11.6	9.5	10.5	15.8	13.7	14.9	17.1	13.7	15.7	18.6	18.0	18.4
17	13.4	11.5	12.4	15.3	13.7	14.6	18.5	13.9	16.2	18.7	16.8	17.8
18	13.0	12.3	12.5	15.8	15.0	15.3	18.3	15.0	16.9	18.9	17.8	18.3
19	12.3	10.4	11.3	18.2	15.8	16.8	18.9	16.6	17.6	20.4	18.2	19.1
20	11.3	9.4	10.5	16.3	13.8	15.2	19.5	15.8	17.7	20.8	19.2	19.9
21	11.2	10.7	11.0	15.6	12.9	14.4	20.4	16.4	18.4	20.4	19.4	19.7
22	12.1	11.1	11.5	16.0	14.0	15.0	21.0	17.0	19.0	19.9	18.4	19.0
23	12.2	11.4	11.9	15.8	13.4	14.6	22.0	18.1	20.0	18.4	17.9	18.1
24	11.9	10.8	11.3	14.6	12.3	13.2	21.9	18.9	20.5	18.8	17.9	18.3
25	12.3	11.7	11.9	13.2	10.6	12.0	22.9	19.3	21.1	20.6	18.2	19.1
26	13.0	11.9	12.5	14.2	11.9	12.8	22.6	20.6	21.5	20.6	19.7	20.1
27	11.9	10.4	11.0	15.7	13.8	14.3	22.3	19.9	21.2	---	---	---
28	10.8	9.1	10.1	16.4	15.7	16.0	20.2	18.9	19.6	---	---	---
29	11.6	10.2	10.8	17.4	16.2	16.5	19.0	16.8	17.9	---	---	---
30	---	---	---	17.5	17.0	17.2	18.7	15.8	17.2	---	---	---
31	---	---	---	17.1	16.2	16.5	---	---	---	---	---	---
Month	14.9	5.8	10.4	18.2	10.6	14.0	22.9	13.7	18.1	---	---	---

02457670 FIVEMILE CREEK BELOW PRUDES CREEK NEAR GRAYSVILLE, AL—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02457670 FIVEMILE CREEK BELOW PRUDES CREEK NEAR GRAYSVILLE, AL—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	---	---	---	---	---	---	---	---	---	12.7	10.7	11.6
2	---	---	---	---	---	---	---	---	---	13.9	11.9	12.9
3	---	---	---	---	---	---	---	---	---	15.0	13.5	14.2
4	---	---	---	---	---	---	---	---	---	15.1	14.0	14.4
5	---	---	---	---	---	---	12.9	10.8	11.6	14.6	12.7	13.7
6	---	---	---	---	---	---	13.4	10.6	11.8	13.4	11.3	12.4
7	---	---	---	---	---	---	13.3	11.2	12.0	12.8	10.4	11.4
8	---	---	---	---	---	---	12.3	9.9	10.9	12.4	9.6	10.7
9	---	---	---	---	---	---	11.4	8.9	9.9	9.6	8.9	9.2
10	---	---	---	---	---	---	11.7	8.4	9.7	9.9	8.8	9.2
11	---	---	---	---	---	---	11.5	8.5	9.7	---	---	---
12	---	---	---	---	---	---	10.8	8.2	9.3	11.0	8.9	10.3
13	---	---	---	---	---	---	9.9	8.1	8.9	11.3	9.0	10.6
14	---	---	---	---	---	---	11.7	8.5	9.8	12.0	10.0	11.0
15	---	---	---	---	---	---	12.0	9.0	10.1	12.2	11.0	11.6
16	---	---	---	---	---	---	12.2	9.0	10.4	12.4	11.3	11.8
17	---	---	---	---	---	---	13.3	10.9	11.8	12.5	10.1	11.9
18	---	---	---	---	---	---	13.9	11.7	12.6	12.0	10.9	11.4
19	---	---	---	---	---	---	13.5	11.2	12.2	11.7	10.5	11.1
20	---	---	---	---	---	---	11.6	10.5	11.1	13.4	10.7	12.2
21	---	---	---	---	---	---	12.4	10.0	11.0	13.2	8.9	12.5
22	---	---	---	---	---	---	11.7	9.6	10.5	13.1	11.3	12.1
23	---	---	---	---	---	---	12.2	9.5	10.6	12.5	9.8	11.8
24	---	---	---	---	---	---	13.8	10.8	12.1	12.9	10.7	11.8
25	---	---	---	---	---	---	13.9	11.5	12.4	13.6	10.9	12.0
26	---	---	---	---	---	---	13.4	11.5	12.2	13.0	10.7	11.9
27	---	---	---	---	---	---	13.5	10.7	11.9	13.0	9.2	11.3
28	---	---	---	---	---	---	11.2	10.0	10.4	13.4	10.8	12.1
29	---	---	---	---	---	---	10.8	9.6	10.2	12.3	9.6	11.1
30	---	---	---	---	---	---	11.2	9.8	10.4	12.7	10.0	11.4
31	---	---	---	---	---	---	11.9	10.3	11.1	13.4	11.1	11.9
Month	---	---	---	---	---	---	---	---	---	---	---	---

02457670 FIVEMILE CREEK BELOW PRUDES CREEK NEAR GRAYSVILLE, AL—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	8.9	8.2	8.7
15	13.0	6.2	9.2	---	---	---	---	---	---	---	---	---
16	12.2	6.3	8.5	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	10.0	8.5	9.5	---	---	---
18	---	---	---	---	---	---	9.6	8.4	9.0	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02457670 FIVEMILE CREEK BELOW PRUDES CREEK NEAR GRAYSVILLE, AL—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---