

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Miscellaneous Sites

Measurements of streamflow at points other than gaging stations are given in the following table. Measurements of base flow are designated by an asterisk (*); measurements of peak flow by a dagger(=).

Discharge measurements made at miscellaneous sites during water year 2003

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
TENNESSEE RIVER BASIN						
03594153 Indian Creek	Tennessee River	Lat 35°16'33", long 88°01'12", Hardin County, Hydrologic Unit 06040001, at bridge on U.S. Hwy 64, .75 mi east of Olivehill, 14 mi east of Savannah.	158	2002	5-7-03	4180 a
03600085 Carters Creek	Duck River to Tennessee River	Lat 35°43'39", long 86°59'19", Maury County, Hydrologic Unit 06040003, at bridge on Petty Lane, 0.8 mi north of Carters Creek, and at mile 4.7.	16.6	1986-99 2000-02	10-29-02 3-4-03 5-28-03 7-22-03	9.80 39.6 10.7 3.40
03600086 Carters Creek Tributary	Carters Creek to Duck River to Tennessee River	Lat 35°43'34", long 86°59'19", Maury County, Hydrologic Unit 06040003, at culvert on Carters Creek Road, 0.7 mi north of Carters Creek.	2.94	1986-99 2000-02	10-29-02 3-4-03 5-28-03 7-22-03	8.35 7.59 2.05 2.16
OBION RIVER BASIN						
07028838 Bethel Branch	North Fork Forked Deer to Mississippi River	Lat 36°02'37", long 89°10'48", Dyer County, Hydrologic Unit 08010204, at bridge on Nebo Road, 1.1 mi east of Tatumville.		2002	1-31-03 5-5-03 6-13-03	3.8* 187 10*
07028850 Doakville Creek	North Fork Forked Deer to Mississippi River	Lat 36°02'18", long 89°12'09", Dyer County, Hydrologic Unit 08010204, at bridge on Tatumville Road, 1.1 mi southeast of Tatumville.		2002	1-31-03	1.1*
07029010 Buck Creek	Middle Fork Forked Deer to North Fork Forked Deer to Mississippi River	Lat 35°57'08", long 89°07'04", Gibson County, Hydrologic Unit 08010204, at bridge on Eaton Brazil Road, 1 mi southeast of Eaton.		2002	1-31-03 5-5-03	5.2* 586
07029080 Pond Creek	North Fork Forked Deer to Mississippi River	Lat 35°59'48", long 89°22'37", Dyer County, Hydrologic Unit 08010204, at bridge on Sorrell Chapel Road, 3.3 mi north of Fowlkes.	68.0	2002	3-20-03	735
07030100 Cane Creek	Hatchie River to Mississippi River	Lat 35°45'25", long 89°33'05" Lauderdale County, Hydrologic Unit 08010208, at bridge on State Highway 19, 1.3 mi upstream from Hyde Creek, 1.5 mi northwest of Ripley.	33.9	1957-62, 1985-88 2002	12-19-02 12-19-02 12-19-02 12-19-02	4130 a 4290 3910 3900

Miscellaneous Sites--Continued

Discharge measurements made at miscellaneous sites during water year 2003

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
LOOSAHATCHIE RIVER BASIN						
07030226 Laurel Creek	Loosahatchie River	Lat 35°18'47", long 89°29'42", Fayette County, Hydrologic Unit 08010209, at bridge on Lambert Road, 0.6 mi west of junction with Oakland Road at Lambert.	18.9	2000	10-10-02 3-25-03 5-6-03	4820‡ 0.53* 1500
07030246 Middle Beaver Creek	Loosahatchie River	Lat 35°23'29", long 89°38'29", Tipton County, Hydrologic Unit 08010209, at bridge on Beaver Creek Road.	38.4	1992-95	10-10-02 4-29-03 5-6-03	3660‡ 3.7* 25.9
07030250 Beaver Creek	Loosahatchie River	Lat 35°19'11", long 89°39'30", Shelby County, Hydrologic Unit 08010209, at bridge on Old Brownsville Road, 0.6 mi upstream of confluence with Loosahatchie River.	148	1994-95	9-11-03	2.8*
WOLF RIVER BASIN						
07030255 Loosahatchie River	Wolf River	Lat 35°18'25", long 89°40'05", Shelby County, Hydrologic Unit 08010209, at bridge on State Route 205, 0.7 mi north of Arlington.			9-11-03	119*
07030256 Loosahatchie River	Wolf River	Lat 35°18'12", long 89°40'49", Shelby County, Hydrologic Unit 08010209, near the Arlington sewage disposal, 0.8 mi below State Route 205, and 0.8 mi northwest of Arlington.			9-30-03	107*
07030257 Loosahatchie River	Wolf River	Lat 35°17'59", long 89°41'19", Shelby County, Hydrologic Unit 08010209, 0.3 mi upstream from State Route 385, and 1.4 mi west of Arlington.			9-30-03	121*
07030258 Loosahatchie River	Wolf River	Lat 35°17'55", long 89°41'27", Shelby County, Hydrologic Unit 08010209, at bridge on State Route 385, 1.6 mi west of Arlington.			9-11-03 9-30-03	130* 109*
070302582 Loosahatchie River	Wolf River	Lat 35°17'45", long 89°41'51", Shelby County, Hydrologic Unit 08010209, 0.4 mi below State Route 385, and 2.0 mi west of Arlington.			9-30-03	110*

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Miscellaneous Sites--Continued

Discharge measurements made at miscellaneous sites during water year 2003

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
LOOSAHATCHIE RIVER BASIN--Continued						
070302585 Loosahatchie River	Wolf River	Lat 35°17'34", long 89°42'18", Shelby County, Hydrologic Unit 08010209, 0.6 mi above confluence with Clear Creek, and 2.4 mi west of Arlington.			9-30-03	109*
07030259 Loosahatchie River	Wolf River	Lat 35°17'21", long 89°42'47", Shelby County, Hydrologic Unit 08010209, 0.1 mi above confluence with Clear Creek, and 3.0 mi west of Arlington.			9-30-03	106*
070303505 Big Creek	Loosahatchie River	Lat 35°19'33", long 89°49'50", Shelby County, Hydrologic Unit 08010209, at bridge on Sledge Road, 4.9 mi upstream from U.S. Highway 51, at Millington.	53.6	1995-96	10-10-02 2-13-03 5-2-03 5-6-03	7760‡ 22.3 4.9* 371
07030352 Big Creek	Loosahatchie River	Lat 35°20'04", long 89°55'02", Shelby County, Hydrologic Unit 08010209, 1.5 mi southwest of Millington, at U.S. Highway 51 Bridge, and at mile 8.5.	91.0	1952, 1995-96	2-13-03 5-2-03 5-6-03	30.2 11.0* 192

‡ Operated as continuous record station.

a Operated as crest-stage gage.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

MISCELLANEOUS STATION ANALYSES

Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, wat un f uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, wat un f uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
03408500 NEW RIVER AT NEW RIVER, TN									
DEC 2002 11...	1630	2,040	151	6.0	MAY 2003 28...	1550	340	168	17.0
FEB 2003 03...	1830	615	173	5.5	JUL 28...	1510	115	250	26.0
APR 07...	1930	7,940	150	13.5					
03409500 CLEAR FORK NEAR ROBBINS, TN									
DEC 2002 11...	1300	3,620	52	5.5	MAY 2003 28...	1310	263	48	17.0
FEB 2003 03...	1530	545	50	5.0	JUL 28...	1330	27	75	27.5
03410210 SOUTH FORK CUMBERLAND RIVER AT LEATHERWOOD FORD, TN									
FEB 2003 04...	1115	2,840	99	6.0	APR 2003 08...	1315	7,370	77	13.0
MAR 28...	1815	769	120	18.5	JUL 28...	1700	196	226	26.0
03414500 EAST FORK OBEY RIVER NEAR JAMESTOWN, TN									
OCT 2002 03...	1130	27	282	20.5	MAY 2003 29...	0845	194	180	16.0
DEC 10...	1245	355	125	7.5	JUL 29...	0810	52	285	21.0
APR 2003 24...	1000	409	128	12.5					
03415000 WEST FORK OBEY RIVER NEAR ALPINE, TN									
OCT 2002 03...	0750	15	391	20.5	DEC 2002 10...	1400	142	252	8.5
03418070 ROARING RIVER ABOVE GAINESBORO, TN									
OCT 2002 01...	1345	0.24	289	21.0	APR 2003 02...	1005	104	235	15.0
NOV 25...	1210	29	276	8.5	JUL 17...	0940	1.9	254	21.5
FEB 2003 20...	1215	900	198	9.5	SEP 30...	1150	38	270	15.5
03421000 COLLINS RIVER NEAR MCMINNVILLE, TN									
OCT 2002 02...	1500	295	205	21.5	FEB 2003 05...	0950	2,180	154	8.0
DEC 11...	1330	11,200	120	7.0	JUN 27...	1415	5,030	239	23.5

MISCELLANEOUS TEMPERATURE MEASUREMENTS AND FIELD DETERMINATIONS
 WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

MISCELLANEOUS STATION ANALYSES

Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, wat un f uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, wat un f uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
03424730 SMITH FORK AT TEMPERANCE HALL, TN									
OCT 2002					MAY 2003				
04...	1020	46	355	23.0	20...	0915	171	318	20.0
NOV					JUL				
25...	1510	95	380	9.5	29...	1535	144	296	25.0
FEB 2003					SEP				
12...	1020	383	365	7.5	30...	1420	67	332	18.5
MAR									
31...	1515	210	310	13.0					
03426385 MANSKER CREEK ABOVE GOODLETTSVILLE, TN									
OCT 2002					JUN 2003				
16...	1010	17	498	13.5	02...	0845	5.4	409	16.0
DEC					JUL				
03...	0855	8.1	170	3.5	29...	1830	3.4	398	25.0
FEB 2003					SEP				
04...	1415	112	385	8.5	29...	1340	9.6	535	17.0
MAR									
31...	1350	50	337	14.0					
03426470 DRY CREEK NEAR EDENWOLD, TN									
OCT 2002					JUN 2003				
16...	1210	4.5	635	16.5	02...	1330	1.2	521	16.8
DEC					JUL				
03...	1035	2.0	596	5.5	29...	1915	1.1	589	24.5
FEB 2003					SEP				
04...	1545	26	542	9.0	22...	0845	545	287	21.0
MAR					29...	1405	1.8	606	18.0
31...	1500	9.0	510	14.0					
03427500 EAST FORK STONES RIVER NEAR LASCASSAS, TN									
OCT 2002					JUN 2003				
17...	1043	170	460	15.0	09...	1012	411	394	19.5
FEB 2003					JUL				
10...	1250	303	549	7.0	30...	1030	63	330	28.0
03430147 STONERS CREEK NEAR HERMITAGE, TN									
OCT 2002					MAY 2003				
16...	1440	17	508	16.5	14...	1210	39	379	17.0
DEC					JUL				
05...	1025	150	339	7.5	30...	1415	5.6	390	26.0
FEB 2003					SEP				
11...	1315	26	500	11.5	29...	1050	13	411	15.0
APR									
03...	1020	18	387	16.0					
03430550 MILL CREEK NEAR NOLENSVILLE, TN									
OCT 2002					MAY 2003				
15...	1130	38	551	--	15...	0955	60	472	17.5
DEC					JUL				
02...	1405	10	555	6.0	29...	1440	12	433	24.5
FEB 2003					SEP				
05...	0900	104	465	6.0	18...	1138	1.2	598	21.0
APR					29...	1625	15	568	16.5
01...	0910	45	489	10.5					

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

MISCELLANEOUS STATION ANALYSES

Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, wat un f uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, wat un f uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
03431060 MILL CREEK AT THOMPSON LANE, NEAR WOODBINE, TN									
OCT 2002					JUN 2003				
15...	1415	83	588	17.0	09...	1230	225	476	19.5
DEC					JUL				
05...	1305	792	326	8.0	30...	1435	26	446	25.5
FEB 2003					SEP				
05...	1530	175	500	9.0	22...	1255	10,400	164	23.0
APR					29...	1330	51	576	18.0
01...	1030	104	508	13.0					
03431300 BROWNS CREEK AT STATE FAIRGROUNDS AT NASHVILLE, TN									
OCT 2002					JUN 2003				
16...	1220	16	621	16.5	03...	1400	8.0	452	8.0
DEC					JUL				
03...	1405	6.0	560	10.5	30...	0920	5.2	542	22.5
FEB 2003					SEP				
05...	1245	18	590	9.0	29...	1010	7.8	612	16.5
MAR									
31...	1005	16	538	12.0					
03431599 WHITES CREEK NEAR BORDEAUX, TN									
OCT 2002					JUN 2003				
15...	1000	44	500	17.0	03...	1100	31	675	18.5
DEC					30...	1200	11	469	26.0
03...	1240	13	474	6.0	SEP				
FEB 2003					22...	1240	986	343	21.0
05...	1040	139	425	5.0	29...	1115	22	568	16.5
03431700 RICHLAND CREEK AT CHARLOTTE AVE, AT NASHVILLE, TN									
OCT 2002					JUN 2003				
17...	1215	20	540	19.0	09...	0935	19	513	18.5
DEC					JUL				
10...	1050	29	580	10.0	30...	1325	8.1	455	23.5
APR 2003					SEP				
01...	1215	27	514	16.5	29...	1315	14	415	21.0
03432350 HARPETH RIVER AT FRANKLIN, TN									
OCT 2002					JUL 2003				
15...	1155	170	431	16.0	29...	1010	20	384	24.5
DEC					SEP				
03...	1420	70	400	9.5	30...	1055	80	395	17.0
034323531 HARPETH RIVER TRIB AT MACK HATCHER PARKWAY FRANKLIN, TN									
OCT 2002					APR 2003				
17...	1525	0.70	599	17.0	09...	0950	1.6	497	12.5
DEC					JUN				
03...	0805	0.21	658	5.0	09...	1130	2.9	515	19.5
FEB 2003					JUL				
13...	1540	0.95	600	12.5	28...	0955	0.06	480	25.0
03432376 HARPETH RIVER TRIB AT MT. HOPE RD AT FRANKLIN, TN									
OCT 2002					JUL 2003				
04...	1225	27	471	22.0	29...	1200	1.6	350	25.0
DEC									
03...	1445	0.88	590	11.5					

MISCELLANEOUS TEMPERATURE MEASUREMENTS AND FIELD DETERMINATIONS
 WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

MISCELLANEOUS STATION ANALYSES

Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, wat un f uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, wat un f uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
03432387 SOUTH PRONG SPENCER CREEK NEAR FRANKLIN, TN									
OCT 2002 18...	1030	1.6	470	15.0	APR 2003 19...	0815	5.8	572	11.0
DEC 03...	1205	0.94	630	11.0	JUN 09...	1330	8.4	541	19.0
FEB 2003 12...	1020	3.5	620	9.0	JUL 28...	1115	0.40	600	24.5
03432390 SPENCER CREEK NEAR FRANKLIN, TN									
DEC 2002 03...	1125	4.3	645	10.0	JUL 2003 28...	1240	3.0	590	25.0
FEB 2003 10...	1533	25	1,040	8.0					
03432400 HARPETH RIVER BELOW FRANKLIN, TN									
OCT 2002 15...	1420	212	492	16.5	JUL 2003 28...	1440	24	510	28.0
DEC 03...	0930	90	476	6.0	SEP 30...	0900	115	530	15.0
FEB 2003 10...	1418	376	464	6.0					
03433500 HARPETH RIVER AT BELLEVUE, TN									
OCT 2002 17...	0900	371	465	14.0	SEP 2003 18...	1402	47	368	23.5
DEC 10...	0845	565	430	7.0					
03434500 HARPETH RIVER NEAR KINGSTON SPRINGS, TN									
OCT 2002 17...	1130	610	426	14.5	JUN 2003 10...	1045	1,260	341	19.5
DEC 10...	1305	951	350	8.5	JUL 30...	0930	240	283	24.5
APR 2003 03...	0955	754	287	15.5	SEP 30...	1255	391	385	19.0
03435305 RED RIVER BELOW HIGHWAY 161 NEAR BARREN PLAIN, TN									
OCT 2002 03...	1400	633	332	20.5	DEC 2002 12...	1010	1,690	308	8.0
03435970 MILLERS CREEK AT TURNERSVILLE, TN									
OCT 2002 03...	0945	10	410	19.0	FEB 2003 05...	1220	27	351	7.5
DEC 12...	1405	56	341	10.5					

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

MISCELLANEOUS STATION ANALYSES

Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, wat un f uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, wat un f uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
03436100 RED RIVER AT PORT ROYAL, TN									
OCT 2002					JUN 2003				
03...	1100	1,240	388	22.0	05...	1510	498	377	21.5
DEC 12...	1250	3,110	227	7.5	JUL 29...	0935	400	401	24.5
03436690 YELLOW CREEK AT ELLIS MILLS, TN									
OCT 2002					APR 2003				
02...	0900	135	275	19.5	18...	0800	404	205	13.0
DEC 11...	1343	170	261	9.5	JUN 05...	1015	80	262	17.0
FEB 2003					JUL 28...	1730	41	278	26.5
12...	1215	138	240	10.5					
03461500 PIGEON RIVER AT NEWPORT, TN									
AUG 2003									
21...	1040	510	189	23.0					
03465500 NOLICHUCKY RIVER AT EMBREEVILLE, TN									
SEP 2003									
12...	1150	665	81	21.0					
03466208 BIG LIMESTONE CREEK NEAR LIMESTONE, TN									
OCT 2002					MAY 2003				
09...	1150	13	459	18.5	22...	1500	93	456	17.0
NOV 22...	1200	83	512	9.5	JUN 11...	1430	52	439	21.0
DEC 11...	1300	144	450	9.0	17...	1200	76	478	20.0
JAN 2003					JUL 30...	1430	74	443	21.0
29...	1515	232	338	4.5	AUG 19...	1230	117	455	20.0
FEB 28...	1415	222	410	9.5	22...	1210	94	473	20.5
MAR 25...	1445	106	435	15.5	SEP 03...	1545	98	480	20.5
APR 29...	1500	114	422	18.0					
30...	1302	115	456	18.0					
03467609 NOLICHUCKY RIVER NEAR LOWLAND, TN									
NOV 2002					MAY 2003				
25...	1200	2,060	199	7.5	22...	1115	3,010	227	19.0
JAN 2003					JUN 11...	1030	2,770	122	21.5
29...	1115	2,030	212	2.0	JUL 30...	1045	1,350	215	24.5
FEB 28...	1115	6,810	212	7.5	SEP 03...	1200	2,080	227	25.0
MAR 25...	1045	2,930	178	13.0					
APR 29...	1015	2,640	191	17.5					

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MISCELLANEOUS STATION ANALYSES

Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, wat un f uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, wat un f uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
03469175 LITTLE PIGEON RIVER ABOVE SEVIERVILLE, TN									
MAY 2003					SEP 2003				
14...	1130	347	117	16.0	24...	1030	245	75	17.0
					25...	1230	171	85	18.0
03491000 BIG CREEK NEAR ROGERSVILLE, TN									
NOV 2002					AUG 2003				
07...	1115	58	325	10.5	12...	1130	22	393	20.5
MAR 2003					SEP				
21...	1200	57	311	14.5	25...	1048	9.2	396	17.5
MAY									
22...	1220	59	305	17.5					
03497300 LITTLE RIVER ABOVE TOWNSEND, TN									
OCT 2002					JUL 2003				
23...	1245	95	18	13.5	14...	1045	306	18	17.5
APR 2003					SEP				
28...	1040	245	16	13.0	05...	1035	230	20	16.5
JUN									
02...	1110	158	20	14.5					
03498500 LITTLE RIVER NEAR MARYVILLE, TN									
DEC 2002									
16...	1410	609	108	7.5					
03498850 LITTLE RIVER NEAR ALCOA, TN									
DEC 2002					JUL 2003				
16...	1045	690	139	7.5	18...	1010	394	143	22.0
JUN 2003					SEP				
11...	1040	307	140	21.0	30...	1103	167	171	15.5
03518500 TELLICO RIVER AT TELLICO PLAINS, TN									
DEC 2002					AUG 2003				
13...	1257	361	21	7.0	14...	1305	247	27	22.5
MAR 2003					SEP				
27...	1600	211	20	16.5	24...	1745	186	25	20.5
JUL									
03...	1430	609	21	20.0					
03528000 CLINCH RIVER ABOVE TAZEWELL, TN									
MAY 2003					AUG 2003				
15...	1240	1,420	302	18.5	22...	1420	1,340	355	25.5
03532000 POWELL RIVER NEAR ARTHUR, TN									
AUG 2003									
15...	1045	337	445	25.0					

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

MISCELLANEOUS STATION ANALYSES

Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, wat un f uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, wat un f uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
03535000 BULLRUN CREEK NEAR HALLS CROSSROADS, TN									
NOV 2002					JUN 2003				
07...	1535	98	346	12.0	10...	1400	52	359	20.0
DEC 31...	1000	93	326	7.0	SEP 19...	1230	16	395	19.0
APR 2003									
30...	1125	77	337	17.5					
03535400 BEAVER CREEK AT SOLWAY, TN									
NOV 2002					JUN 2003				
07...	1200	220	320	13.0	09...	1445	105	336	20.0
APR 2003					SEP 11...	1230	5.3	412	20.5
29...	1335	141	337	17.5					
03538235 EF POPLAR CR AT BEAR CR RD AT OAK RIDGE, TN									
OCT 2002					MAR 2003				
01...	0950	11	339	20.5	28...	0934	10	335	16.0
FEB 2003					AUG 04...	1155	14	313	22.0
03...	0933	11	353	11.0					
03539600 DADDYS CREEK NEAR HEBBERTSBURG, TN									
OCT 2002					JUL 2003				
28...	1225	22	122	16.0	30...	1145	16	112	24.5
JUN 2003									
18...	1215	220	95	20.5					
03539778 CLEAR CREEK AT LILLY BRIDGE NEAR LANCING, TN									
NOV 2002					JUL 2003				
21...	1130	230	46	10.0	23...	1400	55	48	23.5
JAN 2003					28...	1140	16	53	25.5
28...	1230	116	48	0.5	SEP 04...	1310	8,400	37	21.0
FEB 20...	1030	603	33	6.0					
MAR 20...	1045	120	44	13.5					
MAY 15...	1145	282	37	16.0					
03540500 EMORY RIVER AT OAKDALE, TN									
JUN 2003					SEP 2003				
05...	1215	267	94	19.5	15...	1210	126	92	23.0
035661285 NORTH MOUSE CREEK NEAR ROCKY MT HOLLOW NEAR ATHENS, TN									
DEC 2002					JUL 2003				
13...	0940	103	307	10.5	03...	1000	90	283	18.5
MAR 2003					AUG 14...	0945	43	322	20.5
27...	1312	71	297	14.5	SEP 23...	1751	41	262	20.0
MAY 12...	1210	212	241	16.0					

MISCELLANEOUS TEMPERATURE MEASUREMENTS AND FIELD DETERMINATIONS
 WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

MISCELLANEOUS STATION ANALYSES

Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, wat un f uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, wat un f uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
03566525 NORTH CHICKAMAUGA CREEK NEAR MONTLAKE, TN									
OCT 2002 29...	1130	113	41	16.5	MAR 2003 26...	1135	79	30	12.5
0356653019 NORTH CHICKAMAUGA CREEK AT HWY 27 NEAR DAISY, TN									
OCT 2002 29...	1345	94	42	17.5	MAR 2003 26...	1320	56	30	13.5
DEC 05...	1510	477	29	7.0	AUG 13...	1415	414	23	20.5
FEB 2003 19...	1200	359	35	6.0					
03570835 SEQUATCHIE RIVER NEAR DUNLAP, TN									
JUL 2003 02...	1320	1,040	153	21.0					
03571000 SEQUATCHIE RIVER NEAR WHITWELL, TN									
OCT 2002 02...	1035	206	300	20.0					
03578000 ELK RIVER NEAR PELHAM, TN									
OCT 2002 01...	1525	11	275	19.0	JUN 2003 04...	1000	33	215	16.0
02...	0705	11	272	19.0	JUL 21...	1430	68	182	19.0
DEC 12...	0955	495	125	8.0					
FEB 2003 11...	1215	162	159	7.5					
03579040 SPRING CREEK OFF SPRING CREEK ROAD AT AEDC NEAR MANCHESTER, TN									
OCT 2002 01...	1145	8.3	113	16.0	DEC 2002 05...	0945	8.7	118	10.5
03584020 RICHLAND CREEK AT HWY 64 NEAR PULASKI, TN									
OCT 2002 02...	1350	181	285	22.0	FEB 2003 11...	1023	750	259	6.0
DEC 04...	0932	212	283	7.0	JUL 30...	1340	198	280	23.0
03584600 ELK RIVER AT PROSPECT, TN									
JUL 2003 31...	1140	3,010	295	19.0	SEP 2003 29...	1350	796	249	18.5

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

MISCELLANEOUS STATION ANALYSES

Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
03588500 SHOAL CREEK AT IRON CITY, TN									
OCT 2002					JUN 2003				
02...	1027	261	131	23.0	04...	1127	421	110	19.5
DEC 2002					JUL 30...	1046	407	128	23.5
02...	0955	295	121	7.0					
FEB 2003									
04...	0940	1,930	83	8.5					
03595100 LITTLE DUCK RIVER SOUTHEAST OF MANCHESTER, TN									
OCT 2002					DEC 2002				
01...	1330	2.0	211	19.5	05...	1249	44	95	6.5
22...	1525	2.4	235	17.0					
03596100 CRUMPTON CREEK AT RUTLEDGE FALLS, TN									
OCT 2002					DEC 2002				
01...	0941	7.7	178	16.5	05...	1443	33	119	7.5
03597210 GARRISON FORK ABOVE L&N RAILROAD AT WARTRACE, TN									
OCT 2002					JUN 2003				
01...	1240	39	353	21.5	03...	1155	42	272	19.0
DEC 2002					JUL 29...	0945	67	285	23.0
06...	1005	371	306	8.0	SEP 30...	1130	20	313	15.0
FEB 2003									
03...	1248	96	291	10.5					
03597590 WARTRACE CREEK BELOW COUNTY ROAD AT WARTRACE, TN									
OCT 2002					JUN 2003				
01...	1329	17	376	21.5	03...	1436	6.5	383	19.5
DEC 2002					JUL 29...	0805	16	389	23.0
06...	1147	118	381	6.5	SEP 30...	0817	5.3	319	13.0
FEB 2003									
03...	1042	32	383	9.5					
03597898 FLAT CREEK AT HWY 231 BELOW SHELBYVILLE, TN									
MAY 2003					SEP 2003				
06...	1000	4,560	106	18.0	11...	1130	9.8	372	22.5
03598000 DUCK RIVER NEAR SHELBYVILLE, TN									
JUN 2003					AUG 2003				
16...	1525	282	220	25.0	14...	1200	208	170	27.0
JUL 29...	1400	363	205	25.0	SEP 30...	1520	231	230	19.5
03598250 NORTH FORK CREEK NEAR POPLINS CROSSROADS, TN									
OCT 2002					FEB 2003				
03...	1603	6.9	400	23.5	05...	0850	178	330	5.5
DEC 2002									
02...	1625	15	449	5.5					

MISCELLANEOUS TEMPERATURE MEASUREMENTS AND FIELD DETERMINATIONS
 WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

MISCELLANEOUS STATION ANALYSES

Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, wat un f uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, wat un f uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
03599100 BIG ROCK CR AT DOUBLE BRIDGES, TN									
MAY 2003					SEP 2003				
07...	1030	5,200	140	18.0	04...	1100	32	440	25.0
JUL 31...	1300	21	434	21.5	04...	1155	31	440	25.0
03599240 DUCK RIVER ABOVE MILLTOWN, TN									
AUG 2003					SEP 2003				
21...	0815	222	226	28.0	04...	1000	277	227	27.0
					23...	1600	2,110	222	21.5
					24...	0915	1,090	238	20.5
03599408 DUCK RIVER AT CARPENTERS BRIDGE NEAR POTTSVILLE, TN									
AUG 2003					SEP 2003				
20...	1345	246	219	29.0	23...	1425	3,620	242	20.5
					24...	1055	1,670	262	20.0
03599450 FOUNTAIN CREEK NEAR FOUNTAIN HEIGHTS, TN									
SEP 2003									
04...	1410	33	360	25.0					
03599500 DUCK RIVER AT COLUMBIA, TN									
OCT 2002					JUN 2003				
03...	0840	696	310	22.0	02...	1311	504	282	22.0
DEC 02...	1345	518	322	7.0	JUL 28...	1000	481	295	27.0
FEB 2003									
11...	1540	2,680	264	6.5					
03601990 DUCK RIVER AT HWY 100 AT CENTERVILLE, TN									
OCT 2002					APR 2003				
01...	1520	2,090	258	22.0	02...	1150	2,150	288	18.5
DEC 10...	1315	3,730	295	8.0	JUN 04...	1630	1,310	264	21.5
FEB 2003					JUL 28...	1525	920	270	27.0
11...	1145	4,740	278	6.5					
03602219 PINEY RIVER AT CEDAR HILL, TN									
OCT 2002					DEC 2002				
01...	1810	107	248	20.5	11...	1105	75	248	8.5
03602500 PINEY RIVER AT VERNON, TN									
OCT 2002					APR 2003				
01...	1640	196	238	20.5	02...	1415	322	204	16.0
DEC 10...	1136	277	234	8.5	JUN 04...	1540	158	222	19.0
FEB 2003					JUL 28...	1140	117	201	23.0
11...	1330	284	222	7.5					

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

MISCELLANEOUS STATION ANALYSES

Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, wat un f uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, wat un f uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
03604000 BUFFALO RIVER NEAR FLAT WOODS, TN									
MAY 2003					AUG 2003				
07...	1630	26,400	46	18.0	12...	1645	327	98	26.0
JUL 10...	1530	405	101	25.5	SEP 01...	1200	331	99	17.0
03605078 CYPRESS CREEK AT CAMDEN, TN									
DEC 2002					APR 2003				
06...	0845	4.9	47	13.5	02...	1340	30	56	17.0
03606500 BIG SANDY RIVER AT BRUCETON, TN									
OCT 2002					APR 2003				
31...	1330	132	41	13.5	03...	0900	176	56	16.5
FEB 2003					MAY 06...	1320	4,200	--	21.0
18...	1200	2,050	--	5.0					
07024305 BEAVER CREEK AT HWY 22 BYPASS NEAR HUNTINGDON, TN									
OCT 2002					APR 2003				
30...	1500	58	92	--	03...	1115	52	78	17.0
DEC 05...	1530	577	78	--	MAY 06...	1550	1,910	51	22.0
07024500 SOUTH FORK OBION RIVER NEAR GREENFIELD, TN									
OCT 2002					JUN 2003				
30...	1230	259	79	14.5	12...	1500	279	68	23.0
MAY 2003									
15...	1200	1,080	70	21.0					
07025400 NORTH FORK OBION RIVER NEAR MARTIN, TN									
DEC 2002					JUN 2003				
19...	1400	7,480	--	54.0	12...	1130	1,870	25	21.0
APR 2003									
30...	1415	275	73	24.0					
07027720 SOUTH FORK FORKED DEER RIVER NEAR OWL CITY, TN									
OCT 2002					MAR 2003				
22...	1150	615	84	15.5	20...	1400	2,930	62	16.5
DEC 12...	1445	736	104	--	JUN 13...	1430	498	90	--
JAN 2003									
14...	1430	564	93	--					
07028500 NORTH FORK FORKED DEER RIVER AT TRENTON, TN									
APR 2003					MAY 2003				
30...	1130	27	50	20.0	05...	1210	1,450	54	20.5
					08...	1200	382	72	21.0

MISCELLANEOUS TEMPERATURE MEASUREMENTS AND FIELD DETERMINATIONS
 WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

MISCELLANEOUS STATION ANALYSES

Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, wat un f uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Date	Time	Instantaneous discharge, cfs (00061)	Specific conductance, wat un f uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
07028960 MIDDLE FORK FORKED DEER RIVER NEAR FAIRVIEW, TN									
OCT 2002									
30...	1030	135	65	14.5					
07029500 HATCHIE RIVER AT BOLIVAR, TN									
DEC 2002					JUN 2003				
12...	1330	3,480	22	6.5	19...	1245	1,490	61	25.0
MAR 2003					AUG				
29...	1440	2,750	51	--	19...	1050	907	63	28.0
APR					SEP				
04...	1230	7,050	50	8.0	19...	0945	400	66	22.0
07030050 HATCHIE RIVER AT RIALTO, TN									
FEB 2003					AUG 2003				
27...	1500	18,800	--	5.5	11...	1100	2,750	55	26.0
JUN					SEP				
20...	1140	2,310	61	25.0	22...	1000	1,120	81	22.0
07030240 LOOSAHATCHIE RIVER NEAR ARLINGTON, TN									
NOV 2002					SEP 2003				
01...	1100	123	54	--	11...	1035	108	56	20.5
MAR 2003									
25...	0915	163	64	16.5					
07030392 WOLF RIVER AT LAGRANGE, TN									
OCT 2002					JUN 2003				
07...	1215	1,070	37	20.5	18...	1145	235	46	22.5
DEC					AUG				
13...	1410	304	--	9.0	06...	0945	222	54	24.0
FEB 2003					SEP				
05...	1140	263	--	8.5	18...	1010	110	40	21.0
MAR									
26...	1450	403	48	17.0					
07030500 WOLF RIVER AT ROSSVILLE, TN									
FEB 2003					JUN 2003				
05...	1300	417	--	9.0	18...	1350	412	47	23.5
MAR					AUG				
26...	1310	1,290	47	16.0	06...	1400	578	47	27.0
MAY					SEP				
12...	1420	1,860	48	23.0	18...	1300	265	40	21.5

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

MISCELLANEOUS STATION ANALYSES

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07031650 WOLF RIVER AT GERMANTOWN, TN									
OCT 2002					APR 2003				
29...	1230	898	68	17.5	25...	1515	1,020	64	--
DEC					JUN				
11...	1145	833	56	--	03...	1115	1,040	68	--
MAR 2003					SEP				
21...	1500	1,260	53	15.5	11...	1230	412	51	24.0
07031692 FLETCHER CREEK AT SYCAMORE VIEW ROAD AT MEMPHIS, TN									
OCT 2002					APR 2003				
21...	1515	3.2	99	18.0	09...	1400	5.7	128	13.5
NOV					25...	1600	12	60	18.0
06...	1600	16	78	12.0	MAY				
DEC					06...	1215	1,390	71	21.0
04...	1300	670	76	5.0	JUN				
JAN 2003					11...	1200	2.8	115	25.5
15...	1400	2.0	180	5.0	JUL				
FEB					02...	0730	4.3	154	26.0
04...	1600	7.1	158	8.5	SEP				
MAR					08...	1000	1.3	105	24.0
05...	0945	6.0	207	8.0					
07032200 NONCONNAH CREEK NEAR GERMANTOWN, TN									
MAR 2003					SEP 2003				
28...	1400	33	56	16.0	15...	1530	8.6	107	25.0