

WATER QUALITY DATA
MISCELLANEOUS STATION ANALYSES

Ground-water-quality data presented in these tables were collected from the following sites in Buncombe County during the 2005 water year in support of the Piedmont/Mountains ground-water study in cooperation with the North Carolina Department of Environment and Natural Resources, Division of Water Quality, Groundwater Section. Well locations for these sites listed in the following table are shown in figure 7.

Date	Time	Medium code	S	m	Sample type	Depth of well, feet below LSD (72008)	Altitude of land surface feet (72000)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Specif. conductance, wat unfltrd lab, uS/cm 25 degC (90095)	Specif. conductance, wat unfltrd lab, uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
352840082381001 BU-068 BENT CREEK RS MW-1S (REGOLITH WELL) (LAT 35 28 39N LONG 082 38 10W)															
JUN 2005	27...		6		9	22.0	2,200.99	--	4.9	--	5.5	5.5	17	17	13.7
352840082381002 BU-069 BENT CREEK RS MW-1I (TRANSITION ZONE WELL) (LAT 35 28 40N LONG 082 38 10W)															
JUN 2005	27...		6		9	53.0	2,202.52	--	8.0	--	5.6	5.7	14	14	12.7
352840082381003 BU-070 BENT CREEK RS MW-1D (BEDROCK WELL) (LAT 35 28 41N LONG 082 38 12W)															
JUN 2005	27...		6		9	221	2,201.77	--	.3	--	7.2	6.8	69	75	13.6
	27...		S		5	221	2,201.77	--	--	--	--	6.7	69	--	--
352854082380502 BU-072 BENT CREEK RS MW-2I (TRANSITION ZONE WELL) (LAT 35 28 54N LONG 082 38 05W)															
JUN 2005	29...		6		9	36	2,191.72	--	7.4	--	5.3	6.1	45	11	12.2
352856082381201 BU-074 BENT CREEK RS MW-3S (REGOLITH WELL) (LAT 35 28 57N LONG 082 38 12W)															
JUN 2005	27...		6		9	30	2,210.12	--	7.3	--	5.0	5.5	17	14	12.4
	27...		S		5	30	2,210.12	--	--	--	--	5.5	17	--	--
352856082381202 BU-075 BENT CREEK RS MW-3I (TRANSITION ZONE WELL) (LAT 35 28 57N LONG 082 38 12W)															
JUN 2005	27...		6		9	50	2,209.45	717	7.7	77	5.2	5.7	19	16	12.9
352808082382601 BU-077 BENT CREEK RS MW-4S (REGOLITH WELL) (LAT 35 28 08N LONG 082 38 27W)															
JUN 2005	27...		6		9	22	2,259.66	--	8.4	--	5.5	5.4	13	14	12.3
352808082382602 BU-078 BENT CREEK RS MW-4I (TRANSITION ZONE WELL) (LAT 35 28 08N LONG 082 38 26W)															
JUN 2005	27...		6		9	41	2,258.80	--	9.1	--	5.6	5.7	14	11	12.8
352810082383501 BU-080 BENT CREEK RS MW-5S (REGOLITH WELL) (LAT 35 28 10N LONG 082 38 35W)															
JUN 2005	28...		6		9	24	2,299.99	--	2.1	--	5.5	5.4	22	24	13.2
352810082383502 BU-081 BENT CREEK RS MW-5I (TRANSITION ZONE WELL) (LAT 35 28 11N LONG 082 38 35W)															
JUN 2005	28...		6		9	47	2,302.19	--	6.1	--	5.6	5.6	18	20	13.2
352810082383503 BU-082 BENT CREEK RS MW-5D (BEDROCK WELL) (LAT 35 28 10N LONG 082 38 35W)															
JUN 2005	28...		Q		2	300	2,304.84	--	--	--	--	E5.4	<3	--	--
	28...		S		5	300	2,304.84	--	--	--	--	6.3	50	--	--
	28...		6		9	300	2,304.84	--	4.2	--	6.2	6.4	50	50	14.6

MISCELLANEOUS STATION ANALYSES—Continued

Date	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, lab, mg/L as CaCO ₃ (90410)	ANC, wat unf incrm. titr., field, mg/L as CaCO ₃ (00419)	Bicarbonate, wat unf incrm. titr., field, mg/L (00450)	Bromide water, fltrd, mg/L (71870)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)
352840082381001 BU-068 BENT CREEK RS MW-1S (REGOLITH WELL) (LAT 35 28 39N LONG 082 38 10W)													
JUN 2005 27...	.84	.561	.35	1.22	10	5	6	E.01	.63	<.1	9.46	1.1	14
352840082381002 BU-069 BENT CREEK RS MW-1I (TRANSITION ZONE WELL) (LAT 35 28 40N LONG 082 38 10W)													
JUN 2005 27...	.72	.491	.30	.93	9	6	7	E.01	.51	<.1	8.80	.7	13
352840082381003 BU-070 BENT CREEK RS MW-1D (BEDROCK WELL) (LAT 35 28 41N LONG 082 38 12W)													
JUN 2005 27...	6.49	1.16	.81	4.71	24	23	27	.07	1.93	.2	24.0	8.6	68
JUN 2005 27...	6.64	1.16	.79	4.62	24	--	--	.07	1.90	.2	23.9	8.5	64
352854082380502 BU-072 BENT CREEK RS MW-2I (TRANSITION ZONE WELL) (LAT 35 28 54N LONG 082 38 05W)													
JUN 2005 29...	4.12	2.10	.39	1.10	18	13	16	.03	1.44	<.1	7.06	4.3	36
352856082381201 BU-074 BENT CREEK RS MW-3S (REGOLITH WELL) (LAT 35 28 57N LONG 082 38 12W)													
JUN 2005 27...	.69	.597	.66	1.26	9	6	8	.02	.78	<.1	9.89	.6	18
JUN 2005 27...	.69	.595	.63	1.25	11	--	--	.03	.77	<.1	9.89	.6	15
352856082381202 BU-075 BENT CREEK RS MW-3I (TRANSITION ZONE WELL) (LAT 35 28 57N LONG 082 38 12W)													
JUN 2005 27...	.96	.587	.83	1.12	9	6	7	E.02	.84	<.1	9.42	.9	15
352808082382601 BU-077 BENT CREEK RS MW-4S (REGOLITH WELL) (LAT 35 28 08N LONG 082 38 27W)													
JUN 2005 27...	.53	.454	.67	.67	8	5	5	E.02	.60	<.2	7.06	.2	13
352808082382602 BU-078 BENT CREEK RS MW-4I (TRANSITION ZONE WELL) (LAT 35 28 08N LONG 082 38 26W)													
JUN 2005 27...	.68	.428	.72	.79	10	6	7	E.01	.59	<.1	7.71	.3	10
352810082383501 BU-080 BENT CREEK RS MW-5S (REGOLITH WELL) (LAT 35 28 10N LONG 082 38 35W)													
JUN 2005 28...	.88	.627	.83	1.57	10	6	7	E.02	1.04	<.1	11.7	1.9	20
352810082383502 BU-081 BENT CREEK RS MW-5I (TRANSITION ZONE WELL) (LAT 35 28 11N LONG 082 38 35W)													
JUN 2005 28...	.73	.528	.58	1.58	10	6	7	.02	.90	<.1	11.9	.3	18
352810082383503 BU-082 BENT CREEK RS MW-5D (BEDROCK WELL) (LAT 35 28 10N LONG 082 38 35W)													
JUN 2005 28...	.02	.008	<.16	<.20	<5	--	--	E.01	<.20	<.1	E.03	<.2	<10
JUN 2005 28...	4.62	1.38	1.85	2.66	24	--	--	.03	.92	<.1	17.9	3.2	44
JUN 2005 28...	4.30	1.33	1.80	2.66	25	19	23	.03	.92	E.1	17.7	3.0	47

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Alum- inum, water, fltrd, ug/L (01106)	Anti- mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll- ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)	Cadmium water, fltrd, ug/L (01025)	Chrom- ium, water, fltrd, ug/L (01030)
352840082381001 BU-068 BENT CREEK RS MW-1S (REGOLITH WELL) (LAT 35 28 39N LONG 082 38 10W)													
JUN 2005 27...	<.04	<.06	<.008	E.04	<.006	--	--	<2	--	--	<7.0	--	--
352840082381002 BU-069 BENT CREEK RS MW-1I (TRANSITION ZONE WELL) (LAT 35 28 40N LONG 082 38 10W)													
JUN 2005 27...	<.04	<.06	<.008	<.06	<.006	--	--	<2	--	--	<7.0	--	--
352840082381003 BU-070 BENT CREEK RS MW-1D (BEDROCK WELL) (LAT 35 28 41N LONG 082 38 12W)													
JUN 2005 27...	<.04	<.06	<.008	<.06	<.006	<2	<.20	<2	1	<.06	<7.0	<.04	<.8
JUN 2005 27...	<.04	<.06	<.008	<.06	<.006	--	--	<2	--	--	<7.0	--	--
352854082380502 BU-072 BENT CREEK RS MW-2I (TRANSITION ZONE WELL) (LAT 35 28 54N LONG 082 38 05W)													
JUN 2005 29...	<.04	.11	<.008	.12	<.006	--	--	<2	--	--	<7.0	--	--
352856082381201 BU-074 BENT CREEK RS MW-3S (REGOLITH WELL) (LAT 35 28 57N LONG 082 38 12W)													
JUN 2005 27...	<.04	<.06	<.008	<.06	<.006	--	--	<2	--	--	<7.0	--	--
JUN 2005 27...	<.04	<.06	<.008	<.06	<.006	--	--	<2	--	--	<7.0	--	--
352856082381202 BU-075 BENT CREEK RS MW-3I (TRANSITION ZONE WELL) (LAT 35 28 57N LONG 082 38 12W)													
JUN 2005 27...	<.04	E.05	<.008	E.04	.007	--	--	<2	--	--	<7.0	--	--
352808082382601 BU-077 BENT CREEK RS MW-4S (REGOLITH WELL) (LAT 35 28 08N LONG 082 38 27W)													
JUN 2005 27...	<.04	<.06	<.008	<.06	<.006	--	--	<2	--	--	<7.0	--	--
352808082382602 BU-078 BENT CREEK RS MW-4I (TRANSITION ZONE WELL) (LAT 35 28 08N LONG 082 38 26W)													
JUN 2005 27...	--	--	--	<.06	--	--	--	<2	--	--	<7.0	--	--
352810082383501 BU-080 BENT CREEK RS MW-5S (REGOLITH WELL) (LAT 35 28 10N LONG 082 38 35W)													
JUN 2005 28...	<.04	E.05	<.008	E.06	<.006	--	--	<2	--	--	<7.0	--	--
352810082383502 BU-081 BENT CREEK RS MW-5I (TRANSITION ZONE WELL) (LAT 35 28 11N LONG 082 38 35W)													
JUN 2005 28...	<.04	<.06	<.008	<.06	<.006	--	--	<2	--	--	<7.0	--	--
352810082383503 BU-082 BENT CREEK RS MW-5D (BEDROCK WELL) (LAT 35 28 10N LONG 082 38 35W)													
JUN 2005 28...	<.04	<.06	<.008	<.06	<.006	--	--	<2	--	--	<7.0	--	--
JUN 2005 28...	<.04	<.06	<.008	<.06	E.004	--	--	<2	--	--	<7.0	--	--
JUN 2005 28...	<.04	<.06	<.008	<.06	E.003	--	--	<2	--	--	<7.0	--	--

MISCELLANEOUS STATION ANALYSES—Continued

Date	Cobalt water, flt'd, ug/L (01035)	Copper, water, flt'd, ug/L (01040)	Iron, water, flt'd, ug/L (01046)	Lead, water, flt'd, ug/L (01049)	Mangan- ese, water, flt'd, ug/L (01056)	Molyb- denum, water, flt'd, ug/L (01060)	Nickel, water, flt'd, ug/L (01065)	Selen- ium, water, flt'd, ug/L (01145)	Silver, water, flt'd, ug/L (01075)	Zinc, water, flt'd, ug/L (01090)	Uranium natural water, flt'd, ug/L (22703)
352840082381001 BU-068 BENT CREEK RS MW-1S (REGOLITH WELL) (LAT 35 28 39N LONG 082 38 10W)											
JUN 2005 27...	--	--	<6	--	2.9	--	--	--	--	--	--
352840082381002 BU-069 BENT CREEK RS MW-1I (TRANSITION ZONE WELL) (LAT 35 28 40N LONG 082 38 10W)											
JUN 2005 27...	--	--	<6	--	.8	--	--	--	--	--	--
352840082381003 BU-070 BENT CREEK RS MW-1D (BEDROCK WELL) (LAT 35 28 41N LONG 082 38 12W)											
JUN 2005 27...	.145	<.4	642	<.08	18.1	<.4	.85	<3	<.2	119	.10
27...	--	--	675	--	20.8	--	--	--	--	--	--
352854082380502 BU-072 BENT CREEK RS MW-2I (TRANSITION ZONE WELL) (LAT 35 28 54N LONG 082 38 05W)											
JUN 2005 29...	--	--	<6	--	7.5	--	--	--	--	--	--
352856082381201 BU-074 BENT CREEK RS MW-3S (REGOLITH WELL) (LAT 35 28 57N LONG 082 38 12W)											
JUN 2005 27...	--	--	<6	--	9.9	--	--	--	--	--	--
27...	--	--	<6	--	9.7	--	--	--	--	--	--
352856082381202 BU-075 BENT CREEK RS MW-3I (TRANSITION ZONE WELL) (LAT 35 28 57N LONG 082 38 12W)											
JUN 2005 27...	--	--	<6	--	5.8	--	--	--	--	--	--
352808082382601 BU-077 BENT CREEK RS MW-4S (REGOLITH WELL) (LAT 35 28 08N LONG 082 38 27W)											
JUN 2005 27...	--	--	<6	--	3.4	--	--	--	--	--	--
352808082382602 BU-078 BENT CREEK RS MW-4I (TRANSITION ZONE WELL) (LAT 35 28 08N LONG 082 38 26W)											
JUN 2005 27...	--	--	<6	--	.9	--	--	--	--	--	--
352810082383501 BU-080 BENT CREEK RS MW-5S (REGOLITH WELL) (LAT 35 28 10N LONG 082 38 35W)											
JUN 2005 28...	--	--	<6	--	13.1	--	--	--	--	--	--
352810082383502 BU-081 BENT CREEK RS MW-5I (TRANSITION ZONE WELL) (LAT 35 28 11N LONG 082 38 35W)											
JUN 2005 28...	--	--	<6	--	1.9	--	--	--	--	--	--
352810082383503 BU-082 BENT CREEK RS MW-5D (BEDROCK WELL) (LAT 35 28 10N LONG 082 38 35W)											
JUN 2005 28...	--	--	E4	--	<.6	--	--	--	--	--	--
28...	--	--	54	--	66.0	--	--	--	--	--	--
28...	--	--	46	--	62.0	--	--	--	--	--	--

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	Time	Medium code	S	m	Sample type	Depth of well, feet below LSD (72008)	Altitude of land surface feet (72000)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Specif. conduc-tance, wat unfltrd lab, uS/cm 25 degC (90095)	Specif. conduc-tance, wat unfltrd lab, uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)
352827082383901 BU-083 BENT CREEK RS MW-7S (REGOLITH WELL) (LAT 35 29 27N LONG 082 38 39W)															
JUN 2005	28...		6		9	25	2,368.23	5.4	5.1	5.3	19	18	14.0	.73	.668
352827082383902 BU-084 BENT CREEK RS MW-7I (TRANSITION ZONE WELL) (LAT 35 28 27N LONG 082 38 39W)															
JUN 2005	28...		6		9	50	2,369.04	7.4	5.6	5.5	14	17	14.1	.43	.678
352827082383903 BU-085 BENT CREEK RS MW-7D (BEDROCK WELL) (LAT 35 29 27N LONG 082 38 39W)															
JUN 2005	29...		Q		2	285	2,369.88	--	--	E5.5	<3	--	--	<.02	<.008
353014082360701 BU-101 BENT CREEK ARBORETUM WELL 3 (LAT 35 30 14N LONG 082 36 07W)															
JUN 2005	29...		6		9	265	--	2.9	6.7	6.9	69	73	14.2	5.60	1.91
353014082360702 BU-102 BENT CREEK ARBORETUM WELL 4 (LAT 35 30 14N LONG 082 36 07W)															
JUN 2005	29...		6		9	400	--	1.9	6.7	7.0	91	87	18.6	10.8	2.08
Date		Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unfltrd, fixed end pt, lab, mg/L as CaCO3 (90410)	ANC, wat unfltrd, field, titr., mg/L as CaCO3 (00419)	Bicar-bonate, wat unfltrd, field, titr., mg/L (00450)	Bromide water, fltrd, mg/L (71870)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	
352827082383901 BU-083 BENT CREEK RS MW-7S (REGOLITH WELL) (LAT 35 29 27N LONG 082 38 39W)															
JUN 2005	28...	1.43	.82	9	7	8	.03	1.10	<.1	6.41	.2	12	<.04	<.06	
352827082383902 BU-084 BENT CREEK RS MW-7I (TRANSITION ZONE WELL) (LAT 35 28 27N LONG 082 38 39W)															
JUN 2005	28...	.71	.60	7	5	5	.02	1.09	<.1	7.03	E.1	<10	<.04	<.06	
352827082383903 BU-085 BENT CREEK RS MW-7D (BEDROCK WELL) (LAT 35 29 27N LONG 082 38 39W)															
JUN 2005	29...	<.16	<.20	6	--	--	<.02	<.20	<.1	<.04	<.2	<10	<.04	<.06	
353014082360701 BU-101 BENT CREEK ARBORETUM WELL 3 (LAT 35 30 14N LONG 082 36 07W)															
JUN 2005	29...	2.11	4.40	23	21	25	--	.52	.1	27.6	11.9	66	<.04	<.06	
353014082360702 BU-102 BENT CREEK ARBORETUM WELL 4 (LAT 35 30 14N LONG 082 36 07W)															
JUN 2005	29...	1.05	5.12	38	34	41	--	1.21	.1	26.1	9.2	77	<.04	<.06	

MISCELLANEOUS STATION ANALYSES—Continued

Date	Nitrite water, fltrd, mg/L as N (00613)	Total nitrogen, wat flt by analysis, mg/L (62854)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Aluminum, water, fltrd, ug/L (01106)	Antimony, water, fltrd, ug/L (01095)	Arsenic, water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryllium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)	Cadmium, water, fltrd, ug/L (01025)	Chromium, water, fltrd, ug/L (01030)	Cobalt, water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)
352827082383901 BU-083 BENT CREEK RS MW-7S (REGOLITH WELL) (LAT 35 29 27N LONG 082 38 39W)													
JUN 2005 28...	<.008	.09	<.006	--	--	<2	--	--	E3.7	--	--	--	--
352827082383902 BU-084 BENT CREEK RS MW-7I (TRANSITION ZONE WELL) (LAT 35 28 27N LONG 082 38 39W)													
JUN 2005 28...	<.008	.17	<.006	--	--	<2	--	--	<7.0	--	--	--	--
352827082383903 BU-085 BENT CREEK RS MW-7D (BEDROCK WELL) (LAT 35 29 27N LONG 082 38 39W)													
JUN 2005 29...	<.008	.33	<.006	--	--	<2	--	--	<7.0	--	--	--	--
353014082360701 BU-101 BENT CREEK ARBORETUM WELL 3 (LAT 35 30 14N LONG 082 36 07W)													
JUN 2005 29...	<.008	<.06	<.006	<2	<.20	<2	8	<.06	<7.0	<.04	<.8	.057	.5
353014082360702 BU-102 BENT CREEK ARBORETUM WELL 4 (LAT 35 30 14N LONG 082 36 07W)													
JUN 2005 29...	<.008	E.03	<.006	<2	<.20	<2	3	<.06	<7.0	<.04	<.8	.053	.6

Date	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Manganese, water, fltrd, ug/L (01056)	Molybdenum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selenium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Zinc, water, fltrd, ug/L (01090)	Uranium natural, water, fltrd, ug/L (22703)
352827082383901 BU-083 BENT CREEK RS MW-7S (REGOLITH WELL) (LAT 35 29 27N LONG 082 38 39W)									
JUN 2005 28...	<6	--	4.3	--	--	--	--	--	--
352827082383902 BU-084 BENT CREEK RS MW-7I (TRANSITION ZONE WELL) (LAT 35 28 27N LONG 082 38 39W)									
JUN 2005 28...	<6	--	4.9	--	--	--	--	--	--
352827082383903 BU-085 BENT CREEK RS MW-7D (BEDROCK WELL) (LAT 35 29 27N LONG 082 38 39W)									
JUN 2005 29...	<6	--	<.6	--	--	--	--	--	--
353014082360701 BU-101 BENT CREEK ARBORETUM WELL 3 (LAT 35 30 14N LONG 082 36 07W)									
JUN 2005 29...	1,170	.44	38.9	<.4	.37	<3	<.2	291	.07
353014082360702 BU-102 BENT CREEK ARBORETUM WELL 4 (LAT 35 30 14N LONG 082 36 07W)									
JUN 2005 29...	20	<.08	19.2	<.4	.44	<3	<.2	88.3	.06

Remark codes used in this table:

- < -- Less than.
- E -- Estimated.

Medium codes used in this table:

- 6 -- Ground-water sample.
- S -- Ground-water quality-control sample.

Sample Type codes used in this table:

- 9 -- Regular
- 5 -- Duplicate
- 2 -- Blank

WATER QUALITY DATA
MISCELLANEOUS STATION ANALYSES

Ground-water-quality data presented in these tables were collected from the following sites in Iredell County during the 2005 water year for the ongoing Piedmont/Mountains ground-water study in cooperation with the North Carolina Department of Environment and Natural Resources, Division of Water Quality, Groundwater Section. Well locations for these sites listed in the following table are shown in figure 8.

Date	Time	Depth of well, feet below LSD (72008)	Depth to bot sample intrval feet below LSD (72016)	Depth to top sample intrval feet below LSD (72015)	Altitude of land surface feet (72000)	Barometric pressure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unfltrd lab, uS/cm 25 degC (90095)	Specif. conduc-tance, wat unfltrd lab, uS/cm 25 degC (00095)	Temper-ature, air, deg C (00020)	Temper-ature, water, deg C (00010)	
353135080524201 IR-130 LANGTREE RS MW-2S (REGOLITH WELL) (LAT 35 31 35N LONG 080 52 42W)														
JAN 2005	12...	1420	28	--	--	803	--	7.0	75	6.6	73	68	--	17.7
353135080524203 IR-132 LANGTREE RS MW-2D (QUARTZ DIORITE BEDROCK) (LAT 35 31 36N LONG 080 52 42W)														
JAN 2005	11...	1250	400	84	53	803	744	5.6	59	7.3	96	97	17.5	17.2
	12...	1040	400	400	89	803	745	4.6	48	7.7	118	119	17.5	16.9
353157080525301 IR-148 LANGTREE RS MW-3S (REGOLITH WELL) (LAT 35 31 57N LONG 080 52 53W)														
JAN 2005	14...	0930	20	--	--	762	744	5.7	61	5.4	33	29	11.0	17.3
353157080525302 IR-149 LANGTREE RS MW-3I (TRANSITION ZONE WELL) (LAT 35 31 57N LONG 080 52 53W)														
JAN 2005	13...	1645	73	--	--	762.92	741	11.9	126	6.1	89	89	--	16.5
353148080524702 IR-155 LANGTREE RS MW-5I (TRANSITION ZONE WELL) (LAT 35 31 48N LONG 080 52 47W)														
JAN 2005	13...	0930	35	--	--	785	--	7.2	76	6.4	59	58	18.5	17.0
Date	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unfltrd, titr., mg/L as CaCO3 (00419)	Bicarbonate, wat unfltrd, titr., mg/L (00450)	Bromide water, fltrd, mg/L (71870)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia water, fltrd, mg/L as N (00608)	
353135080524201 IR-130 LANGTREE RS MW-2S (REGOLITH WELL) (LAT 35 31 35N LONG 080 52 42W)														
JAN 2005	12...	6.58	3.15	.60	4.01	25	31	.03	2.84	<.1	29.2	.4	69	<.04
353135080524203 IR-132 LANGTREE RS MW-2D (QUARTZ DIORITE BEDROCK) (LAT 35 31 36N LONG 080 52 42W)														
JAN 2005	11...	10.3	2.71	1.96	5.11	42	51	.03	1.21	E.1	39.1	1.0	84	<.04
	12...	14.4	3.15	2.27	5.32	53	65	.04	1.25	E.1	38.6	1.3	101	<.04
353157080525301 IR-148 LANGTREE RS MW-3S (REGOLITH WELL) (LAT 35 31 57N LONG 080 52 53W)														
JAN 2005	14...	.69	.808	.55	4.23	9	11	E.02	3.10	<.1	8.13	1.3	26	<.04
353157080525302 IR-149 LANGTREE RS MW-3I (TRANSITION ZONE WELL) (LAT 35 31 57N LONG 080 52 53W)														
JAN 2005	13...	7.93	4.06	1.19	4.31	42	51	E.01	2.20	E.1	25.1	1.4	64	<.04
353148080524702 IR-155 LANGTREE RS MW-5I (TRANSITION ZONE WELL) (LAT 35 31 48N LONG 080 52 47W)														
JAN 2005	13...	5.18	2.62	.80	2.34	24	29	.02	2.48	<.1	22.6	.4	54	<.04

MISCELLANEOUS STATION ANALYSES—Continued

Date	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitrogen, wat flt by anal ysis, mg/L (62854)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Arsenic water, fltrd, ug/L (01000)	Boron, water, fltrd, ug/L (01020)	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)
353135080524201 IR-130 LANGTREE RS MW-2S (REGOLITH WELL) (LAT 35 31 35N LONG 080 52 42W)								
JAN 2005 12...	1.37	<.008	1.48	.066	<2	<7.0	7	E.4
353135080524203 IR-132 LANGTREE RS MW-2D (QUARTZ DIORITE BEDROCK) (LAT 35 31 36N LONG 080 52 42W)								
JAN 2005 11...	1.39	<.008	1.49	.038	<2	<7.0	E3	<.6
JAN 2005 12...	1.40	<.008	1.57	.035	<2	<7.0	E5	E.4
353157080525301 IR-148 LANGTREE RS MW-3S (REGOLITH WELL) (LAT 35 31 57N LONG 080 52 53W)								
JAN 2005 14...	.13	<.008	.17	<.006	<2	E6.1	9	10.2
353157080525302 IR-149 LANGTREE RS MW-3I (TRANSITION ZONE WELL) (LAT 35 31 57N LONG 080 52 53W)								
JAN 2005 13...	.26	<.008	.29	.013	<2	<7.0	9	1.9
353148080524702 IR-155 LANGTREE RS MW-5I (TRANSITION ZONE WELL) (LAT 35 31 48N LONG 080 52 47W)								
JAN 2005 13...	.86	<.008	.89	.022	<2	<7.0	8	1.3

Remark codes used in this table:

< -- Less than.

E -- Estimated.

WATER QUALITY DATA
MISCELLANEOUS STATION ANALYSES

Ground-water-quality data presented in these tables were collected from the following sites in Rockingham County during the 2005 water year for the ongoing Piedmont/Mountains ground-water study in cooperation with the North Carolina Department of Environment and Natural Resources, Division of Water Quality, Groundwater Section. Well locations for these sites listed in the following table are shown in figure 8.

Date	Time	Depth of well, feet below LSD (72008)	Altitude of land surface feet (72000)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unflab, uS/cm (90095)	Specif. conductance, wat unflab, uS/cm (00095)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	
362334079421602 RK-228 UPPER PIEDMONT RS MW-N11 (LAT 36 23 35N LONG 079 42 17W)														
MAR 2005	07...	1315	65	672.27	742	2.5	25	6.1	187	195	15.2	15.3	7.23	1.59
362328079421701 RK-233 UPPER PIEDMONT RS MW-N3I (LAT 36 23 28N LONG 079 42 17W)														
MAR 2005	08...	0940	30	770.44	726	1.8	16	6.7	301	195	12.3	24.8	14.2	4.77
362231079410802 RK-240 UPPER PIEDMONT RS MW-S3UI (LAT 36 22 32N LONG 079 41 08W)														
MAR 2005	08...	1235	55	705.60	726	7.6	82	5.7	148	152	15.6	7.71	2.43	1.80

Date	Sodium, water, fltrd, mg/L (00930)	ANC, wat unflab, titr., mg/L as CaCO3 (00419)	Bicarbonate, wat unflab, titr., mg/L (00450)	Bromide water, fltrd, mg/L (71870)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC, wat flt, mg/L (70300)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitrogen, wat flt by analysis, mg/L (62854)	
362334079421602 RK-228 UPPER PIEDMONT RS MW-N11 (LAT 36 23 35N LONG 079 42 17W)														
MAR 2005	07...	13.9	72	88	.05	8.64	.2	39.6	3.6	125	<.04	1.99	<.008	2.04
362328079421701 RK-233 UPPER PIEDMONT RS MW-N3I (LAT 36 23 28N LONG 079 42 17W)														
MAR 2005	08...	20.8	104	127	.87	7.28	1.1	26.1	35.7	211	1.05	.30	E.007	1.46
362231079410802 RK-240 UPPER PIEDMONT RS MW-S3UI (LAT 36 22 32N LONG 079 41 08W)														
MAR 2005	08...	16.3	19	23	.03	6.81	<.1	43.1	2.0	130	<.04	9.96	<.008	10.0

Date	Orthophosphate, water, fltrd, mg/L as P (00671)	Arsenic water, fltrd, ug/L (01000)	Boron, water, fltrd, ug/L (01020)	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)	
362334079421602 RK-228 UPPER PIEDMONT RS MW-N11 (LAT 36 23 35N LONG 079 42 17W)						
MAR 2005	07...	.039	<2	<7.0	E6	29.1
362328079421701 RK-233 UPPER PIEDMONT RS MW-N3I (LAT 36 23 28N LONG 079 42 17W)						
MAR 2005	08...	<.006	<2	20	7,050	3,180
362231079410802 RK-240 UPPER PIEDMONT RS MW-S3UI (LAT 36 22 32N LONG 079 41 08W)						
MAR 2005	08...	.006	<2	<7.0	E4	1.3

Remark codes used in this table:
 < -- Less than.
 E -- Estimated.

MISCELLANEOUS STATION ANALYSES

Ground-water-quality data presented in these tables were collected from the following sites in North Carolina during the 2005 water year in support of the Albemarle-Pamlico Drainage Basin study unit for the National Water Quality Assessment Program. Objectives of the study are to provide data primarily for characterizing water quality of shallow aquifers in the Coastal Plain of North Carolina and for evaluating trends in ground-water quality. Well locations for sites listed in the following tables are shown in figures 4 and 8.

Date	Time	Depth of well, feet below LSD (72008)	Depth to water level, feet below LSD (72019)	Altitude of land surface feet (72000)	Water level, depth below MP, feet (61055)	Flow rate, instantaneous gal/min (00059)	Sampling depth, feet (00003)	Turbidity white light, 90+/-30 corrdtd NTRU (63676)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd uS/cm 25 degC (00095)
353747077052001 BO-419 RSK NR WASHINGTON, NC (LAT 35 37 47N LONG 077 05 20W)													
DEC 2004 03...	0945	82	13.94	35.85	17.63	1.2	--	--	760	.8	8	7.5	335
MAR 2005 02...	1445	82	13.13	35.85	16.82	1.0	--	5.4	756	.1	1	7.8	328
MAY 26...	1430	82	13.20	35.85	16.89	1.1	--	3.0	755	.1	.0	7.4	333
AUG 23...	1500	82	13.85	35.85	17.54	1.0	--	1.0	757	.1	.0	7.5	327
335631078003605 BR-082 (NC-198) SOUTHPORT RS GG32t5 (CASTLE HAYNE) (LAT 33 56 31N LONG 078 00 35W)													
NOV 2004 30...	1200	74	24.23	28.26	26.36	1.0	--	--	767	.2	2	7.5	422
MAR 2005 09...	1145	74	25.98	28.26	28.11	1.0	--	.8	760	.1	1	7.5	429
MAY 25...	1200	74	24.94	28.26	27.07	1.0	--	1.1	754	1.2	13	7.5	416
AUG 22...	1230	74	23.42	28.26	25.55	1.0	--	.8	758	.1	.0	7.5	400
351019077184102 CR-543 COVE CITY RS 2 (LAT 35 10 19N LONG 077 18 41W)													
DEC 2004 01...	1200	98	3.67	46	5.01	1.2	25.0	--	756	.1	1	7.0	576
MAR 2005 08...	1100	98	4.49	46	5.83	1.2	--	4.7	737	.1	.0	7.0	577
MAY 26...	1115	98	5.17	46	6.51	1.1	--	1.2	755	.1	.0	7.0	577
AUG 23...	1200	98	7.16	46	8.50	1.0	--	.9	758	.1	1	7.0	531
344922077484705 DU-128 CHINQUAPIN RS 5 (LAT 34 49 22N LONG 077 48 47W)													
NOV 2004 30...	1600	130	6.93	42.62	6.28	1.2	--	--	763	.1	1	7.4	447
MAR 2005 08...	1630	130	7.38	42.62	7.38	1.2	--	40	745	.1	1	7.5	445
MAY 25...	1630	130	7.41	42.62	6.76	1.2	--	2.3	755	.1	1	7.4	422
AUG 22...	1700	130	8.67	42.62	8.02	1.0	--	1.4	756	.1	.0	7.4	404
345809077301401 JO-064 COMFORT RS 1 (LAT 34 58 09N LONG 077 30 14W)													
DEC 2004 01...	0930	60	8.57	70	9.56	1.2	--	--	756	.2	2	7.3	354
MAR 2005 08...	1330	60	8.91	70	9.90	1.2	--	2.2	742	.1	.0	7.4	343
MAY 26...	0930	60	8.95	70	9.94	1.1	--	2.7	755	.1	.0	7.3	337
AUG 23...	0930	60	10.99	70	11.98	1.0	--	.8	757	.1	.0	7.3	338

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO ₃ (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, water field, mg/L as CaCO ₃ (39086)	Bicarbonate, water titr., field, mg/L (00453)	Bromide water, fltrd, mg/L (71870)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)
353747077052001 BO-419 RSK NR WASHINGTON, NC (LAT 35 37 47N LONG 077 05 20W)													
DEC 2004 03...	16.9	160	59.5	2.13	2.32	.3	7.27	180	220	.15	5.07	.2	34.9
MAR 2005 02...	16.7	160	61.0	2.11	2.27	.3	7.30	198	242	.19	5.17	.1	35.3
MAY 26...	17.9	150	56.1	2.04	2.23	.3	7.37	188	229	.15	5.16	.2	35.6
AUG 23...	18.3	160	61.0	1.99	2.21	.2	7.16	166	203	.23	5.59	.2	34.3
335631078003605 BR-082 (NC-198) SOUTHPORT RS GG32t5 (CASTLE HAYNE) (LAT 33 56 31N LONG 078 00 35W)													
NOV 2004 30...	19.8	190	70.5	4.38	3.26	.4	11.6	202	246	<.20	13.0	.1	46.6
MAR 2005 09...	19.5	210	75.4	4.43	3.10	.4	11.6	228	278	.29	13.1	E.1	46.5
MAY 25...	19.5	190	67.9	4.30	3.28	.4	11.7	224	273	.16	12.8	.1	49.4
AUG 22...	20.7	200	72.9	4.23	3.33	.3	11.0	198	242	.28	13.0	.1	48.1
351019077184102 CR-543 COVE CITY RS 2 (LAT 35 10 19N LONG 077 18 41W)													
DEC 2004 01...	18.0	330	127	2.21	1.04	.1	3.43	290	354	--	5.28	.1	13.5
MAR 2005 08...	17.4	330	130	2.15	1.11	.1	3.46	344	419	.35	5.21	.1	12.8
MAY 26...	17.6	320	125	2.18	1.11	.1	3.53	360	439	.33	5.18	.1	13.2
AUG 23...	18.4	330	127	2.10	1.09	.1	3.31	296	361	.35	5.38	.1	12.8
344922077484705 DU-128 CHINQUAPIN RS 5 (LAT 34 49 22N LONG 077 48 47W)													
NOV 2004 30...	18.3	230	88.5	1.87	1.54	.1	3.12	216	264	.42	6.86	.1	39.0
MAR 2005 08...	17.3	230	89.5	1.79	1.59	.1	3.08	252	307	.78	7.10	E.1	37.2
MAY 25...	18.2	220	84.7	1.82	1.55	.1	3.16	250	305	.17	6.75	E.1	39.6
AUG 22...	19.1	240	91.2	1.79	1.58	.1	3.02	220	268	.24	7.00	E.1	38.7
345809077301401 JO-064 COMFORT RS 1 (LAT 34 58 09N LONG 077 30 14W)													
DEC 2004 01...	17.2	180	68.5	1.56	.84	.1	3.62	164	200	<.20	6.11	.1	15.6
MAR 2005 08...	16.6	180	67.6	1.55	.89	.1	3.57	196	239	.24	5.94	E.1	15.0
MAY 26...	16.7	170	63.7	1.50	.90	.1	3.72	184	224	.22	5.89	.1	15.8
AUG 23...	17.6	180	71.3	1.52	.81	.1	3.53	170	207	.26	6.17	E.1	15.0

MISCELLANEOUS STATION ANALYSES—Continued

Date	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Alum- inum, water, fltrd, ug/L (01106)	Anti- mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll- ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)
353747077052001 BO-419 RSK NR WASHINGTON, NC (LAT 35 37 47N LONG 077 05 20W)													
DEC 2004 03...	.9	214	.10	<.06	<.008	.15	.061	<2	<.20	E.2	7	<.06	18
MAR 2005 02...	.9	197	.10	<.06	<.008	.11	.049	--	--	--	--	--	--
MAY 26...	.8	212	.09	<.06	<.008	.12	.025	--	--	--	--	--	--
AUG 23...	.9	217	.09	<.06	<.008	.10	.034	--	--	--	--	--	--
335631078003605 BR-082 (NC-198) SOUTHPORT RS GG32t5 (CASTLE HAYNE) (LAT 33 56 31N LONG 078 00 35W)													
NOV 2004 30...	E.1	271	.44	<.06	<.008	.54	.081	<2	<.20	<.2	4	<.06	46
MAR 2005 09...	<.2	272	.41	<.06	<.008	.51	.087	--	--	--	--	--	--
MAY 25...	<.2	277	.43	<.06	<.008	.48	.084	--	--	--	--	--	--
AUG 22...	E.1	270	.44	<.06	<.008	.50	.076	--	--	--	--	--	--
351019077184102 CR-543 COVE CITY RS 2 (LAT 35 10 19N LONG 077 18 41W)													
DEC 2004 01...	<.2	359	E.04	<.06	<.008	.25	.419	E2	<.20	<.2	46	<.06	8
MAR 2005 08...	<.2	358	E.04	<.06	<.008	.29	.406	--	--	--	--	--	--
MAY 26...	<.2	365	.04	<.06	<.008	.24	.370	--	--	--	--	--	--
AUG 23...	<.2	362	.05	<.06	<.008	.23	.187	--	--	--	--	--	--
344922077484705 DU-128 CHINQUAPIN RS 5 (LAT 34 49 22N LONG 077 48 47W)													
NOV 2004 30...	E.1	275	.21	<.06	.011	.25	E.003	<2	<.20	E.1	M	<.06	E7
MAR 2005 08...	<.2	274	.19	<.06	.012	.24	<.006	--	--	--	--	--	--
MAY 25...	<.2	283	.19	<.06	E.006	.22	E.003	--	--	--	--	--	--
AUG 22...	<.2	264	.20	<.06	E.006	.23	E.004	--	--	--	--	--	--
345809077301401 JO-064 COMFORT RS 1 (LAT 34 58 09N LONG 077 30 14W)													
DEC 2004 01...	E.2	207	.06	<.06	<.008	.09	.154	<2	<.20	<.2	17	<.06	11
MAR 2005 08...	E.1	196	.06	<.06	<.008	.11	.140	--	--	--	--	--	--
MAY 26...	E.1	206	.07	<.06	<.008	.07	.050	--	--	--	--	--	--
AUG 23...	E.2	208	.07	<.06	<.008	.09	.138	--	--	--	--	--	--

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	Cadmium water, fltrd, ug/L (01025)	Chrom- ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mangan- ese, water, fltrd, ug/L (01056)	Molyb- denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selen- ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Stront- ium, water, fltrd, ug/L (01080)
353747077052001 BO-419 RSK NR WASHINGTON, NC (LAT 35 37 47N LONG 077 05 20W)													
DEC 2004 03...	<.04	<.8	.176	<.4	1,650	<.08	7.3	92.0	<.4	1.78	<.4	<.2	201
MAR 2005 02...	--	--	--	--	1,800	--	--	53.9	--	--	--	--	--
MAY 26...	--	--	--	--	1,760	--	--	54.3	--	--	--	--	--
AUG 23...	--	--	--	--	1,760	--	--	53.8	--	--	--	--	--
335631078003605 BR-082 (NC-198) SOUTHPORT RS GG32t5 (CASTLE HAYNE) (LAT 33 56 31N LONG 078 00 35W)													
NOV 2004 30...	<.04	<.8	.210	E.3	584	<.08	2.5	137	<.4	4.06	<.4	<.2	318
MAR 2005 09...	--	--	--	--	566	--	--	90.7	--	--	--	--	--
MAY 25...	--	--	--	--	495	--	--	84.3	--	--	--	--	--
AUG 22...	--	--	--	--	551	--	--	84.1	--	--	--	--	--
351019077184102 CR-543 COVE CITY RS 2 (LAT 35 10 19N LONG 077 18 41W)													
DEC 2004 01...	<.04	1.2	.358	E.4	1,550	<.08	1.6	114	<.4	12.4	<.4	<.2	244
MAR 2005 08...	--	--	--	--	1,360	--	--	66.1	--	--	--	--	--
MAY 26...	--	--	--	--	1,730	--	--	65.5	--	--	--	--	--
AUG 23...	--	--	--	--	1,510	--	--	62.7	--	--	--	--	--
344922077484705 DU-128 CHINQUAPIN RS 5 (LAT 34 49 22N LONG 077 48 47W)													
NOV 2004 30...	<.04	<.8	.255	E.3	3,840	<.08	2.1	136	<.4	27.3	<.4	<.2	126
MAR 2005 08...	--	--	--	--	5,290	--	--	115	--	--	--	--	--
MAY 25...	--	--	--	--	3,710	--	--	106	--	--	--	--	--
AUG 22...	--	--	--	--	3,740	--	--	100	--	--	--	--	--
345809077301401 JO-064 COMFORT RS 1 (LAT 34 58 09N LONG 077 30 14W)													
DEC 2004 01...	<.04	<.8	.184	E.4	1,620	<.08	2.2	31.7	<.4	2.20	<.4	E.2	65.1
MAR 2005 08...	--	--	--	--	1,680	--	--	33.2	--	--	--	--	--
MAY 26...	--	--	--	--	1,660	--	--	32.8	--	--	--	--	--
AUG 23...	--	--	--	--	1,690	--	--	33.6	--	--	--	--	--

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	trans-1,2-Dichloroethene, water, unfltrd ug/L (34546)	trans-1,3-Dichloropropene, water, unfltrd ug/L (34699)	trans-1,4-Dichloro-2-butene, wat unfltrd ug/L (73547)	Tri-bromo-methane water unfltrd ug/L (32104)	Tri-chloro-ethene, water, unfltrd ug/L (39180)	Tri-chloro-fluoro-methane water unfltrd ug/L (34488)	Tri-chloro-methane water unfltrd ug/L (32106)	Vinyl chloride, water, unfltrd ug/L (39175)	Di-chloro-vos, water fltrd, ug/L (38775)	Uranium natural water, fltrd, ug/L (22703)
353747077052001 BO-419 RSK NR WASHINGTON, NC (LAT 35 37 47N LONG 077 05 20W)										
DEC 2004 03...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	.1	<.01	<.04
MAR 2005 02...	--	--	--	--	--	--	--	--	<.01	--
MAY 26...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	.2	--	--
AUG 23...	--	--	--	--	--	--	--	--	--	--
335631078003605 BR-082 (NC-198) SOUTHPORT RS GG32t5 (CASTLE HAYNE) (LAT 33 56 31N LONG 078 00 35W)										
NOV 2004 30...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	<.01	<.04
MAR 2005 09...	--	--	--	--	--	--	--	--	<.01	--
MAY 25...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	--	--
AUG 22...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	--	--
351019077184102 CR-543 COVE CITY RS 2 (LAT 35 10 19N LONG 077 18 41W)										
DEC 2004 01...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	<.01	<.04
MAR 2005 08...	--	--	--	--	--	--	--	--	<.01	--
MAY 26...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	--	--
AUG 23...	--	--	--	--	--	--	--	--	--	--
344922077484705 DU-128 CHINQUAPIN RS 5 (LAT 34 49 22N LONG 077 48 47W)										
NOV 2004 30...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	<.01	<.04
MAR 2005 08...	--	--	--	--	--	--	--	--	<.01	--
MAY 25...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	--	--
AUG 22...	--	--	--	--	--	--	--	--	--	--
345809077301401 JO-064 COMFORT RS 1 (LAT 34 58 09N LONG 077 30 14W)										
DEC 2004 01...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	<.01	<.04
MAR 2005 08...	--	--	--	--	--	--	--	--	<.01	--
MAY 26...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	--	--
AUG 23...	--	--	--	--	--	--	--	--	--	--

Remark codes used in this table:

< -- Less than.

E -- Estimated.

M-- Presence verified but not quantified.

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Conversion Factors

Multiply	By	To obtain
Length		
inch (in.)	2.54×10^1	millimeter (mm)
	2.54×10^{-2}	meter (m)
foot (ft)	3.048×10^{-1}	meter (m)
mile (mi)	1.609×10^0	kilometer (km)
Area		
acre	4.047×10^3	square meter (m ²)
	4.047×10^{-1}	square hectometer (hm ²)
	4.047×10^{-3}	square kilometer (km ²)
square mile (mi ²)	2.590×10^0	square kilometer (km ²)
Volume		
gallon (gal)	3.785×10^0	liter (L)
	3.785×10^{-3}	cubic meter (m ³)
	3.785×10^0	cubic decimeter (dm ³)
million gallons (Mgal)	3.785×10^3	cubic meter (m ³)
	3.785×10^{-3}	cubic hectometer (hm ³)
cubic foot (ft ³)	2.832×10^{-2}	cubic meter (m ³)
	2.832×10^1	cubic decimeter (dm ³)
cubic foot per second per day [(ft ³ /s)/d]	2.447×10^3	cubic meter (m ³)
	2.447×10^{-3}	cubic hectometer (hm ³)
acre-foot (acre-ft)	1.233×10^3	cubic meter (m ³)
	1.233×10^{-3}	cubic hectometer (hm ³)
	1.233×10^{-6}	cubic kilometer (km ³)
Flow		
cubic foot per second (ft ³ /s)	2.832×10^1	liter per second (L/s)
	2.832×10^{-2}	cubic meter per second (m ³ /s)
	2.832×10^1	cubic decimeter per second (dm ³ /s)
gallon per minute (gal/min)	6.309×10^{-2}	liter per second (L/s)
	6.309×10^{-5}	cubic meter per second (m ³ /s)
	6.309×10^{-2}	cubic decimeter per second (dm ³ /s)
million gallons per day (Mgal/d)	4.381×10^{-2}	cubic meter per second (m ³ /s)
	4.381×10^1	cubic decimeter per second (dm ³ /s)
Mass		
ton (short)	9.072×10^{-1}	megagram (Mg) or metric ton

Temperature in degrees Celsius (°C) may be converted to degrees Fahrenheit (°F) as follows: °F = (1.8 x °C) + 32

