

## MEASUREMENTS AT LOW-FLOW PARTIAL-RECORD SITES

Measurements of streamflow made at low-flow partial-record stations in the area covered by this report are given in the following table. These measurements were made during periods of base flow when streamflow is primarily from ground-water storage. When correlated with the simultaneous discharge of a nearby stream where continuous records are available, these measurements provide an indicator of a stream's low-flow potentiality. The column headed by "Measured Previously" lists the water years in which measurements were made at or close to the same site.

| Station Number<br>and<br>Stream   | Tributary to       | Location   | Drainage<br>area<br>(mi <sup>2</sup> ) | Measured<br>previously<br>(water<br>years)          | Measurements |                                   |
|---|--------------------|--|--|---|--------------|-----------------------------------|
|   |                    |  |  |   | Date         | Discharge<br>(ft <sup>3</sup> /s) |
| DISCHARGE MEASUREMENTS MADE AT LOW-FLOW PARTIAL-RECORD SITES DURING WATER YEAR 2001, IN ATLANTIC SLOPE BASINS |                    |  |  |   |              |                                   |
| CAPE FEAR RIVER BASIN   |                    |  |  |   |              |                                   |
| 02093500<br>Haw<br>River  | Cape Fear<br>River | Lat 36°15'06", long 79°33'55", Rockingham<br>County, Hydrologic Unit 03030002, on<br>Secondary Road 2620, 6 mi below<br>Troublesome Creek, and 6 mi east of Benaja.  | 168                                    | 1928-71 <sup>†</sup>                                | 10-23-00     | 26.6                              |
| 02093549<br>Haw<br>River  | Cape Fear<br>River | Lat 36°10'57", long 79°30'37", Alamance<br>County, Hydrologic Unit 03030002, on<br>State Highway 87, at Altamahaw, and<br>1.2 mi downstream from Reedy Fork.   | 188                                    | 1967-74   | 10-23-00     | 25.3                              |
| 0209374850<br>Reedy<br>Fork   | Haw River          | Lat 36°08'00", long 80°00'52", Guilford<br>County, Hydrologic Unit 03030002, at<br>Secondary Road 1858, 3.1 mi south southwest<br>of Oak Ridge, and 3.5 mi above Beaver Creek.                                       | 4.91                                   | 1973-74,<br>1976-77                                 | 10-23-00     | 1.89                              |
| 0209555450<br>Buffalo<br>Creek  | Reedy Fork         | Lat 36°09'11", long 79°36'51", Guilford<br>County, Hydrologic Unit 03030002, on<br>Secondary Road 2719, 1.5 mi upstream<br>from mouth, 5.0 mi northwest of Gibonsville,<br>and 5.0 mi south of Osceola.              | 97.4                                   | 1986-1987 <sup>†</sup>                              | 10-24-00     | 71.6                              |
| 02095608<br>Reedy<br>Fork   | Haw River          | Lat 36°10'44", long 79°34'36", Guilford<br>County, Hydrologic Unit 03030002, on<br>State Highway 61, 1.7 mi downstream<br>from Buffalo Creek, and 3.6 mi south of<br>Osceola (also, 3.5 mi northwest of<br>Ossipee). | 243                                    | 1969-71,<br>1973,<br>1989<br>1986-1987 <sup>†</sup> | 10-24-00     | 83.3                              |
| 02095716<br>Haw<br>River  | Cape Fear<br>River | Lat 36°09'10", long 79°29'23", Alamance<br>County, Hydrologic Unit 03030002, on<br>Secondary Road 1530, 0.9 mi upstream from<br>Travis Creek, and 2.0 mi southeast of Ossipee.                                       | 452                                    | 1969-71,<br>1973                                    | 10-23-00     | 94.8                              |
| 02096587<br>Haw<br>River  | Cape Fear<br>River | Lat 36°01'33", long 79°22'05", Alamance<br>County, Hydrologic Unit 03030002, on<br>Secondary Road 2158, 0.3 mi northwest of<br>Sweponville, and 0.5 mi upstream of<br>Alamance Creek.                                | 697                                    | 1969,<br>1971,<br>1975                              | 10-24-00     | 176                               |
| 02096811<br>Big<br>Alamance<br>Creek  | Haw River          | Lat 36°01'25", long 79°23'33", Alamance<br>County, Hydrologic Unit 03030002, on<br>State Highway 87, 0.2 mi downstream from<br>Little Alamance Creek, and 2.9 mi east of<br>Bellemont.                               | 260                                    | 1969,<br>1973                                       | 10-24-00     | 18.7                              |

<sup>†</sup> Operated as a continuous-record gaging station.

## MEASUREMENTS AT LOW-FLOW PARTIAL-RECORD SITES

These measurements and others collected for special reasons are called measurements at miscellaneous sites. Measurements of streamflow at points other than gaging stations or partial-record stations are given in the following table.

| Station Number<br>and<br>Stream   | Tributary to       | Location   | Drainage<br>area<br>(mi <sup>2</sup> ) | Measured<br>previously<br>(water<br>years)                                   | Measurements |                                   |
|---|--------------------|--|--|--|--------------|-----------------------------------|
|   |                    |  |  |  | Date         | Discharge<br>(ft <sup>3</sup> /s) |
| DISCHARGE MEASUREMENTS MADE AT LOW-FLOW PARTIAL-RECORD SITES DURING WATER YEAR 2001, IN ATLANTIC SLOPE BASINS |                    |  |  |  |              |                                   |
| CAPE FEAR RIVER BASIN   |                    |  |  |  |              |                                   |
| 02098198<br>Haw<br>River  | Cape Fear<br>River | Lat 35°39'11", long 79°04'03", Chatham<br>County, Hydrologic Unit 03030002,<br>300 ft downstream from dam at<br>B. Everett Jordan Lake, 2.5 mi north<br>of Moncure, and 4.2 mi upstream from mouth | 1,689                                  | 1965-92 <sup>†</sup><br>1992-2000 <sup>‡</sup>                               | 10-25-00     | 560                               |
| 02103550<br>Little<br>River   | Cape Fear<br>River | Lat 35°15'49", long 78°44'26", Harnett<br>County, Hydrologic Unit 03030004, on<br>State Highway 217, 0.5 mi downstream<br>from Stewarts Creek, and 0.5 mi north<br>of Linden.                      | 472                                    | 1974,<br>1976,<br>1979   | 10-24-00     | 110                               |
| 02104000<br>Cape Fear<br>River  | Atlantic<br>Ocean  | Lat 35°02'49", long 78°51'36", Cumberland<br>County, Hydrologic Unit 03030004, on<br>Person Street, at Fayetteville, and 0.3 mi<br>below Cross Creek.  | 4,395                                  | 1889-1917 <sup>†</sup> ,<br>1928-40 <sup>†</sup> ,<br>1986-2000 <sup>‡</sup> | 10-24-00     | 796                               |
| 0210563128<br>Turnbull<br>Creek   | Cape Fear<br>River | Lat 34°33'49", long 78°33'26", Bladen<br>County, Hydrologic Unit 03030005, on<br>State Highway 41, 3.0 mi upstream from<br>mouth, and 3.0 mi northeast of Elizabethtown.                           | 81.4                                   | 1985-93  | 10-24-00     | 19.1                              |
| 02107581<br>Northeast<br>Cape Fear<br>River   | Cape Fear<br>River | Lat 35°11'10", long 78°03'00", Duplin<br>County, Hydrologic Unit 03030007, on<br>Secondary Road 1004, 0.5 mi upstream<br>from Barlow Branch, and 1.5 mi<br>southeast of Mount Olive.               | 3.91                                   | 1956,<br>1973  | 10-23-00     | 5.80                              |
| 2107586<br>Northeast<br>Cape Fear<br>River  | Cape Fear<br>River | Lat 35°11'28", long 78°01'05", Wayne<br>County, Hydrologic Unit 03030007, on<br>Secondary Road 1937, 1.5 mi downstream<br>from Barlow Branch, and 3 mi east of<br>Mount Olive.                     | 10.5                                   | 1973,<br>1975-76,<br>1978-79   | 10-23-00     | 9.00                              |
| 02107600<br>Northeast<br>Cape Fear<br>River   | Cape Fear<br>River | Lat 35°10'20", long 77°55'56", Wayne<br>County, Hydrologic Unit 03030007, on<br>Secondary Road 1948, 4.5 mi above<br>Buck Marsh, and 6 mi southwest<br>of Seven Springs.                           | 48.5                                   | 1958-75  | 10-23-00     | 30.5                              |
| 0210761250<br>Northeast<br>Cape Fear<br>River   | Cape Fear<br>River | Lat 35°06'02", long 77°49'59", Duplin<br>County, Hydrologic Unit 03030007, at<br>Secondary Road 1519, 0.5 mi upstream<br>from Matthews Sawyer Branch, and<br>3 mi north of Kornegay.               | 104                                    | 1973<br><br>1980   | 10-24-00     | 68.4                              |

<sup>†</sup> Operated as a continuous-record gaging station (discharge).

<sup>‡</sup> Operated as a continuous-record gaging station (gage height only).

## MEASUREMENTS AT LOW-FLOW PARTIAL-RECORD SITES

These measurements and others collected for special reasons are called measurements at miscellaneous sites. Measurements of streamflow at points other than gaging stations or partial-record stations are given in the following table.

| Station Number<br>and<br>Stream   | Tributary to                    | Location  | Drainage<br>area<br>(mi <sup>2</sup> ) | Measured<br>previously<br>(water<br>years) | Measurements |                                   |
|---|---------------------------------|---|--|--|--------------|-----------------------------------|
|   |                                 |   |  |  | Date         | Discharge<br>(ft <sup>3</sup> /s) |
| DISCHARGE MEASUREMENTS MADE AT LOW-FLOW PARTIAL-RECORD SITES DURING WATER YEAR 2001, IN ATLANTIC SLOPE BASINS |                                 |   |  |  |              |                                   |
| CAPE FEAR RIVER BASIN   |                                 |   |  |  |              |                                   |
| 02107672<br>Northeast<br>Cape Fear<br>River   | Cape Fear<br>River              | Lat 35°03'10", long 77°50'17", Duplin<br>County, Hydrologic Unit 03030007, on<br>State Highway 11, 0.2 mi upstream from<br>Burn Coal Branch, and 0.8 mi southwest<br>of Kornegay. | 120                                    | 1956,<br>1971,<br>1974,<br>1976,<br>1978,  | 10-24-00     | 42.3                              |
| 02107838<br>Goshen<br>Swamp   | Northeast<br>Cape Fear<br>River | Lat 35°01'40", long 78°51'05", Duplin<br>County, Hydrologic Unit 03030007,<br>0.25 mi above State Highway 11, 1.0 mi<br>above mouth, and 2.5 mi southwest<br>of Kornegay.         | 179                                    | 1956                                       | 10-24-00     | 4.85                              |
| 02108566<br>Northeast<br>Cape Fear<br>River   | Cape Fear<br>River              | Lat 34°35'55", long 77°52'32", Pender<br>County, Hydrologic Unit 03030007,<br>at State Highway 53, 3.9 miles above<br>Holly Shelter Creek, and 4.5 miles<br>east of Burgaw        | 920                                    | 1999-2001 <sup>‡</sup>                     | 10-27-00     | 95.0                              |
| 0210857065<br>Holly<br>Shelter<br>Creek   | Northeast<br>Cape Fear<br>River | Lat 34°39'25", long 77°41'22", Pender<br>County, Hydrologic Unit 03030007,<br>at State Highway 50, at Maple Hill.   | 27.1                                   |  | 10-27-00     | 0                                 |

<sup>‡</sup> Operated as a continuous-record gaging station (gage height only).

## MEASUREMENTS AT MISCELLANEOUS SITES

These measurements and others collected for special reasons are called measurements at miscellaneous sites. Measurements of streamflow at points other than gaging stations or partial-record stations are given in the following table.

| Station Number and Stream   | Tributary to    | Location  | Drainage area (mi <sup>2</sup> ) | Measured previously (water years)          | Date                                      | Discharge (ft <sup>3</sup> /s) |
|---|-----------------|---|----------------------------------|--|---|--------------------------------|
| DISCHARGE MEASUREMENTS MADE AT MISCELLANEOUS SITES DURING WATER YEAR 2001, IN ATLANTIC SLOPE BASINS |                 |   |                                  |  |   |                                |
| CAPE FEAR RIVER BASIN   |                 |   |                                  |  |   |                                |
| 02093250<br>Haw River   | Cape Fear River | Lat 36°12'47", long 79°57'24", Guilford County, Hydrologic Unit 03030002, on Secondary Road 2109, 0.2 mi downstream of Rocky Branch, and 3.3 mi northeast of Oak Ridge.       | 14.1                             | 1971, 1973, 1984, 1986-2000                | 10-23-00<br>3-28-01<br>9-28-01            | 2.56<br>10.5<br>0.26           |
| 02093423<br>Little Troublesome Creek  | Haw River       | Lat 36°16'53", long 79°36'37", Rockingham County, Hydrologic Unit 03030002, at bridge on Secondary Road 2600, 0.8 mi west of Thompsonville, and 1 mi upstream from mouth.     | 13.0 <sup>a</sup>                | 1970-73, 1976-77, 1996-2000                | 11-2-00<br>3-7-01<br>6-12-01<br>9-7-01    | 2.63<br>7.29<br>3.64<br>0.52   |
| 02095091<br>South Buffalo Creek   | Buffalo Creek   | Lat 36°06'45", long 79°40'19", Guilford County, Hydrologic Unit 03030002, at bridge on Secondary Road 2821, 0.8 mi northwest of McLeansville, and 1.4 mi upstream from mouth. | 43.5                             | 1969-70, 1973, 1976-81, 1983-89, 1991-2000 | 1-3-01<br>3-29-01<br>9-27-01              | 61.9<br>45.4<br>35.0           |
| 02095681<br>Reedy Fork  | Haw River       | Lat 36°10'23", long 79°30'38", Alamance County, Hydrologic Unit 03030002, at bridge on State Highway 87 at Ossipee, and 0.5 mi upstream from mouth.                           | 256                              | 1969-70, 1973, 1976-2000                   | 10-28-00<br>3-8-01<br>6-12-01<br>9-7-01   | 76.6<br>69.3<br>78.8<br>69.6   |
| 02096230<br>Jordan Creek  | Stony Creek     | Lat 36°11'20", long 79°23'43", Alamance County, Hydrologic Unit 03030002, at bridge on Secondary Road 1754, 1.0 mi south of Union Ridge, and 2.0 mi above mouth.              | 24.1                             | 1949-57, 1959-62, 1966, 1997-2000          | 11-2-00<br>3-8-01<br>6-12-01<br>9-7-01    | 1.34<br>15.2<br>3.15<br>0.14   |
| 02096879<br>Haw River   | Cape Fear River | Lat 35°53'43", long 79°15'31", Alamance County, Hydrologic Unit 03030002, at bridge on Secondary Road 1005, 0.7 mi upstream from Cane Creek, and 5.8 mi north of Terrells.    | 1082                             | 1974-75, 1979-86, 1989-91, 1993, 1996-2000 | 10-25-00<br>4-12-01<br>7-17-01<br>8-29-01 | 186<br>829<br>144<br>178       |
| 02097521<br>Morgan Creek  | New Hope River  | Lat 35°51'48", long 79°00'35", Chatham County, Hydrologic Unit 03030002, at bridge on Secondary Road 1726, 2 mi upstream from Cub Creek, and 4 mi north of Farrington.        | 45.6                             | 1970, 1973, 1976, 1978, 1980-2000          | 12-5-00<br>3-7-01<br>6-7-01<br>8-29-01    | 13.8<br>56.3<br>27.3<br>17.1   |
| 02099484<br>Richland Creek  | Deep River      | Lat 35°56'26", long 79°54'08", Guilford County, Hydrologic Unit 03030003, at bridge on Secondary Road 1147, 0.2 mi upstream from mouth, and 4 mi southwest of Groomtown.      | 16.2                             | 1971, 1973-76, 1978-2000                   | 9-28-01                                   | 15.0                           |

<sup>a</sup> Approximately.

## DISCHARGE MEASUREMENTS MADE AT MISCELLANEOUS SITES DURING WATER YEAR 2001--Continued

| Station Number<br>and<br>Stream      | Tributary to             | Location  | Drainage<br>area<br>(mi <sup>2</sup> ) | Measured<br>previously<br>(water<br>years)   | Measurements |                                   |
|--------------------------------------|--------------------------|---|--|--|--------------|-----------------------------------|
|                                      |                          |   |  |  | Date         | Discharge<br>(ft <sup>3</sup> /s) |
| CAPE FEAR RIVER BASIN--Continued     |                          |   |  |  |              |                                   |
| 02101001<br>Bear<br>Creek            | Deep River               | Lat 35°26'26", long 79°35'20",<br>Moore County, Hydrologic Unit<br>03030003, at bridge on State<br>Highway 705, 0.5 mi north of<br>Robbins, and 1 mi downstream of<br>Cabin Creek.                        | 139                                    | 1973-74,<br>1985-2000                        | 11-22-00     | 35.5                              |
|                                      |                          |   |  |  | 3-2-01       | 37.2                              |
|                                      |                          |   |  |  | 6-4-01       | 47.9                              |
|                                      |                          |   |  |  | 8-22-01      | 14.1                              |
| 0210102530<br>Deep<br>River          | Cape Fear<br>River       | Lat 35°28'40", long 79°31'12",<br>Moore County, Hydrologic Unit<br>03030004, at State Highway 22<br>near High Falls.  | 792                                    | 1993-94,<br>1997,<br>1999                    | 10-30-00     | 23.6                              |
|                                      |                          |   |  |  | 8-22-01      | 36.1                              |
| 02102634<br>Upper<br>Little<br>River | Cape Fear<br>River       | Lat 35°19'33", long 78°43'26",<br>Harnett County, Hydrologic Unit<br>03030004, at bridge on Secondary<br>Road 2021, 1.5 mi upstream from<br>mouth, and 2.8 mi west of Erwin.                              | 217                                    | 1968,<br>1974-76,<br>1979,<br>1985-2000      | 10-24-00     | 23.4                              |
|                                      |                          |   |  |  | 4-2-01       | 841                               |
|                                      |                          |   |  |  | 6-1-01       | 54.4                              |
|                                      |                          |   |  |  | 8-23-01      | 140                               |
| 02102897<br>Lower<br>Little<br>River | Cape Fear<br>River       | Lat 35°12'13", long 79°12'59", Moore<br>County, Hydrologic Unit 030300004, at<br>bridge on Secondary Road 2023, 0.5 mi<br>above James Creek, 1.0 mi southwest of<br>Lobelia.                              | 110                                    | 1997-2000                                    | 11-14-00     | 29.6                              |
|                                      |                          |   |  |  | 4-6-01       | 155                               |
|                                      |                          |   |  |  | 6-1-01       | 32.8                              |
|                                      |                          |   |  |  | 8-23-01      | 20.7                              |
| 02103000<br>Little<br>River          | Cape Fear<br>River       | Lat 35°11'38", long 78°59'14",<br>Cumberland County, Hydrologic<br>Unit 03030004, at bridge on State<br>Highway 87 at Manchester, and<br>0.3 mi upstream from Tank Creek.                                 | 347                                    | 1939-50 <sup>†</sup> ,<br>1978,<br>1980-2000 | 11-14-00     | 186                               |
|                                      |                          |   |  |  | 4-6-01       | 3.62                              |
|                                      |                          |   |  |  | 6-1-01       | 126                               |
|                                      |                          |   |  |  | 8-23-01      | 122                               |
| 02104279<br>Rockfish<br>Creek        | Cape Fear<br>River       | Lat 34°58'10", long 79°06'40", Hoke County,<br>Hydrologic Unit 03030004, at bridge on<br>Secondary Road 1432, 0.2 mi downstream of<br>Puppy Creek, and 1.2 mi northeast of Arabia.                        | 150 <sup>a</sup>                       | 1973-74,<br>1978,<br>1980-91,<br>1997-2000   | 11-14-00     | 123                               |
|                                      |                          |   |  |  | 4-6-01       | 145                               |
|                                      |                          |   |  |  | 6-1-01       | 105                               |
|                                      |                          |   |  |  | 8-23-01      | 97.8                              |
| PEE DEE RIVER BASIN                  |                          |   |  |  |              |                                   |
| 02115860<br>Muddy<br>Creek           | Yadkin<br>River          | Lat 36°00'01", long 80°20'25", Forsyth County,<br>Hydrologic Unit 03040101, 100 ft upstream<br>from bridge on Secondary Road 2995, 0.2 mi<br>downstream of Salem Creek and 1.8 mi east of<br>Muddy Creek. | 186                                    | 1964-87,<br>1988-93,<br>1996-2000            | 10-10-00     | 70.5                              |
|                                      |                          |   |  |  | 4-16-01      | 115                               |
|                                      |                          |   |  |  | 6-4-01       | 95.0                              |
|                                      |                          |   |  |  | 8-6-01       | 59.0                              |
| 02120521<br>Third<br>Creek           | South<br>Yadkin<br>River | Lat 35°46'13", long 80°37'34", Rowan<br>County, Hydrologic Unit 03040102, at<br>bridge on Secondary Road 1970, and<br>2.2 mi west of Woodleaf.  | 96.6                                   | 1985-2000                                    | 10-19-00     | 17.9                              |
|                                      |                          |   |  |  | 2-05-01      | 31.3                              |
|                                      |                          |   |  |  | 5-16-01      | 28.7                              |
|                                      |                          |   |  |  | 8-06-01      | 18.8                              |

<sup>†</sup> Operated as a continuous-record gaging station.

<sup>a</sup> Approximately.

## DISCHARGE MEASUREMENTS MADE AT MISCELLANEOUS SITES DURING WATER YEAR 2001--Continued

| Station Number<br>and<br>Stream       | Tributary to     | Location   | Drainage<br>area<br>(mi <sup>2</sup> ) | Measured<br>previously<br>(water<br>years)  | Measurements                              |                                   |
|---------------------------------------|------------------|--|--|---|---|-----------------------------------|
|                                       |                  |  |  |   | Date                                      | Discharge<br>(ft <sup>3</sup> /s) |
| PEE DEE RIVER BASIN--Continued        |                  |  |  |   |   |                                   |
| 0212147355<br>Rich Fork<br>Creek      | Abbotts<br>Creek | Lat 35°55'36", long 80°07'31",<br>Davidson County, Hydrologic Unit<br>03040103, at bridge on Secondary<br>Road 1800, 1.4 mi downstream of<br>High Point sewage disposal plant,<br>and 3.9 mi northwest of Thomasville. | 26.6                                   | 1970-75,<br>1981-84,<br>1986-90,<br>1993-99 | 10-14-99<br>2-7-00<br>5-4-00              | 18.3<br>28.4<br>13.1              |
| 02123500<br>Uwharrie<br>River         | Pee Dee<br>River | Lat 35°25'47", long 80°01'05",<br>Montgomery County, Hydrologic Unit<br>03040103, at State Highway 109, 1 mi<br>upstream from McLeans Creek, and 3 mi<br>south of Eldorado.  | 342                                    | 1938-71 <sup>†</sup> ,<br>1981-2000         | 10-18-00<br>2-2-01<br>6-13-01             | 12.9<br>35.5<br>22.4              |
| 02123881<br>Rocky<br>River            | Pee Dee<br>River | Lat 35°28'29", long 80°46'48",<br>Mecklenburg County, Hydrologic Unit<br>03040105, at bridge on Secondary Road<br>1608, 1.3 mi upstream from West Branch,<br>and 4.2 mi southeast of Davidson                          | 13.4                                   | 1970-2000                                   | 10-17-00<br>2-9-01                        | 3.39<br>8.02                      |
| 02124374<br>Irish<br>Buffalo<br>Creek | Rocky River      | Lat 35°20'50", long 80°32'52",<br>Cabarrus County, Hydrologic Unit<br>03040105, at bridge on Secondary Road<br>1132, 1 mi south of Faggarts Crossroads,<br>and 1 mi upstream from mouth.                               | 45.4                                   | 1974-84,<br>1986-2000                       | 10-13-00<br>3-12-01<br>8-8-01             | 5.94<br>12.4<br>3.78              |
| 02124401<br>Rocky<br>River            | Pee Dee<br>River | Lat 35°19'26", long 80°30'59",<br>Cabarrus County, Hydrologic Unit<br>03040105, at bridge on U.S. Highway<br>601, 1 mi upstream from Hamby<br>Branch, and 3 mi southeast of<br>Faggarts Crossroads.                    | 393                                    | 1970-71,<br>1973-2000                       | 10-13-00<br>2-9-01                        | 64.5<br>93.6                      |
| 02125126<br>Long<br>Creek             | Rocky River      | Lat 35°13'05", long 80°15'28",<br>Stanly County, Hydrologic Unit<br>03040105, at bridge on Secondary<br>Road 1917, 1 mi upstream from<br>mouth, and 4 mi east of Oakboro.  | 198                                    | 1970-71,<br>1973-2000                       | 2-2-01<br>5-2-01                          | 40.2<br>34.1                      |
| 02125482<br>Richardson<br>Creek       | Rocky River      | Lat 35°04'16", long 80°24'25", Union<br>County, Hydrologic Unit 03040105,<br>at bridge on Secondary Road 1649,<br>1.2 mi downstream of Watson Creek,<br>and 1.5 mi northwest of Fairfield.                             | 153                                    | 1961-62,<br>1981-84,<br>1986-2000           | 10-18-00<br>2-16-01<br>5-24-01            | 8.70<br>20.5<br>9.08              |
| 02129341<br>Hitchcock<br>Creek        | Pee Dee<br>River | Lat 34°55'05", long 79°47'50",<br>Richmond County, Hydrologic Unit<br>03040201, downstream of dam at<br>Cordova, and 1.2 mi upstream from<br>mouth.  | 134                                    | 1970-71,<br>1974,<br>1979-84,<br>1986-2000  | 10-18-00<br>2-16-01<br>5-24-01<br>8-30-01 | 38.1<br>111<br>26.8<br>12.2       |

<sup>†</sup> Operated as a continuous-record gaging station.

## DISCHARGE MEASUREMENTS MADE AT MISCELLANEOUS SITES DURING WATER YEAR 2001--Continued

| Station Number<br>and<br>Stream            | Tributary to                   | Location  | Drainage<br>area<br>(mi <sup>2</sup> ) | Measured<br>previously<br>(water<br>years)   | Measurements |                                   |
|--|--------------------------------|---|--|--|--------------|-----------------------------------|
|  |                                |   |  |  | Date         | Discharge<br>(ft <sup>3</sup> /s) |
| PEE DEE RIVER BASIN--Continued             |                                |   |  |  |              |                                   |
| 02129527<br>Jones<br>Creek                 | Pee Dee<br>River               | Lat 34°54'15", long 79°55'51",<br>Anson County, Hydrologic Unit<br>03040201, at bridge on State<br>Highway 145, 2.9 mi downstream<br>of Hale Creek, and 3.1 mi southwest<br>of Pee Dee.             | 92.8                                   | 1985-2000  | 10-18-00     | 14.9                              |
|  |                                |   |  |  | 2-16-01      | 54.9                              |
|  |                                |   |  |  | 5-24-01      | 8.74                              |
|  |                                |   |  |  | 8-30-01      | 0.45                              |
| 0212955844<br>Marks<br>Creek               | Pee Dee<br>River               | Lat 34°51'45", long 79°43'09",<br>Richmond County, Hydrologic Unit<br>03040201, at bridge on Secondary<br>Road 1812, 1.3 mi downstream of<br>City Lake spillway, and 2.4 mi<br>southwest of Hamlet. | 12.9                                   | 1970-71,<br>1979-84,<br>1986-2000  | 10-18-00     | 2.81                              |
|  |                                |   |  |  |              |                                   |
| 02132269<br>Leith<br>Creek                 | Little<br>Pee Dee<br>River     | Lat 34°44'37", long 79°25'13", Scotland<br>County, Hydrologic Unit 03040204 at<br>bridge on Secondary Road 1609, 4 mi<br>west of Maxton, and 5.4 mi upstream<br>from mouth.                         | 21.8                                   | 1973-75,<br>1979-92,<br>1995-2000  | 1-7-01       | 8.73                              |
|  |                                |   |  |  | 4-5-01       | 14.7                              |
|  |                                |   |  |  | 7-12-01      | 1.01                              |
|  |                                |   |  |  | 8-21-01      | 12.4                              |
| SANTEE RIVER BASIN                         |                                |   |  |  |              |                                   |
| 02141245<br>Lower<br>Creek                 | Catawba<br>River               | Lat 35°49'31", long 81°38'10", Burke<br>County, Hydrologic Unit 03050102,<br>at bridge on Secondary Road 1501,<br>0.8 mi downstream of Husband Creek,<br>and 7 mi northeast of Morganton.           | 89.5                                   | 1949-50, <sup>b</sup><br>1964-69, <sup>b</sup><br>1972-73,<br>1975-84,<br>1986-92,<br>1993-94, <sup>†</sup><br>1995-2000 | 10-18-00     | 33.3                              |
|  |                                |   |  |  | 1-23-01      | 79.5                              |
|  |                                |   |  |  | 5-1-01       | 51.9                              |
|  |                                |   |  |  |              |                                   |
|  |                                |   |  |  |              |                                   |
| 0214272204<br>Dutchmans<br>Creek           | Catawba<br>River               | Lat 35°20'10", long 81°00'50", Gaston<br>County, Hydrologic Unit 03050102,<br>at bridge on Secondary Road 1918,<br>and 0.7 mi west of Mountain Island.  | 116                                    | 1986-2000  | 10-5-00      | 22.9                              |
|  |                                |   |  |  | 2-7-01       | 38.0                              |
|  |                                |   |  |  | 6-21-01      | 18.0                              |
| 02143027<br>Henry<br>Fork                  | South Fork<br>Catawba<br>River | Lat 35°39'27", long 81°18'33", Catawba County,<br>Hydrologic Unit 03050102, at bridge on<br>Secondary Road 1143, 1.7 mi upstream from<br>mouth and 2.5 mi northwest of Startown.                    | 110                                    | 1970-71,<br>1973-74,<br>1978-80,<br>1996-2000  | 10-24-00     | 35.8                              |
|  |                                |   |  |  | 1-24-01      | 95.2                              |
|  |                                |   |  |  | 5-1-01       | 78.1                              |
|  |                                |   |  |  | 9-28-01      | 41.4                              |
| 02143069<br>South Fork<br>Catawba<br>River | Catawba River                  | Lat 35°37'58", long 81°18'20", Catawba County,<br>bridge on State Highway 10, 1 mile downstream<br>from Henry Fork, and 2.2 miles west of Startown.   | 210                                    | 1974-77,<br>1979-88,<br>1991-93,<br>1997-2000  | 10-24-00     | 69.6                              |
|  |                                |   |  |  | 1-24-01      | 158                               |
|  |                                |   |  |  | 5-4-01       | 104                               |
|  |                                |   |  |  | 9-28-01      | 57                                |
| 02143260<br>Clark<br>Creek                 | South Fork<br>Catawba<br>River | Lat 35°28'30", long 81°16'00",<br>Lincoln County, Hydrologic Unit<br>03050102, at bridge on Secondary<br>Road 1008 at Lincolnton, and<br>0.2 mi upstream from mouth.                                | 91.2                                   | 1947,<br>1949-57,<br>1962-64,<br>1970-72,<br>1975,<br>1978-2000  | 10-19-00     | 29.4                              |
|  |                                |   |  |  | 2-6-01       | 40.9                              |
|  |                                |   |  |  | 6-6-01       | 33.2                              |
|  |                                |   |  |  |              |                                   |
|  |                                |   |  |  |              |                                   |

<sup>b</sup> Baseflow.<sup>†</sup> Operated as a continuous-record gaging station.

## DISCHARGE MEASUREMENTS MADE AT MISCELLANEOUS SITES DURING WATER YEAR 2001--Continued

| Station Number<br>and<br>Stream        | Tributary to     | Location   | Drainage<br>area<br>(mi <sup>2</sup> ) | Measured<br>previously<br>(water<br>years)       | Measurements |                                   |
|--|------------------|--|--|--|--------------|-----------------------------------|
|  |                  |  |  |  | Date         | Discharge<br>(ft <sup>3</sup> /s) |
| SANTEE RIVER BASIN--Continued          |                  |  |  |  |              |                                   |
| 02145640<br>Crowders<br>Creek          | Catawba<br>River | Lat 35°08'15", long 81°08'15", York<br>County, South Carolina, Hydrologic<br>Unit 03050101, at bridge on Ridge Road,<br>3.4 mi upstream from Beaver Dam Creek,<br>and 3.2 mi east-southeast of Bowling Green,<br>South Carolina.   | 89                                     | 1970-77,<br>1979-91,<br>1996-2000                | 10-17-00     | 20.5                              |
|  |                  |  |  |  | 2-15-01      | 38.5                              |
|  |                  |  |  |  | 8-21-01      | 9.63                              |
| 0214676115<br>McAlpine<br>Creek        | Sugar<br>Creek   | Lat 35°03'12", long 80°53'06", Lancaster<br>County, South Carolina, Hydrologic Unit<br>03050103, at bridge on Secondary Road 2964,<br>0.5 mi north of Camp Cox, South Carolina,<br>0.6 mi above Sugar Creek, and 1.0 mi below<br>North Carolina-South Carolina state line. | 95.4                                   | 1996-2000  | 10-15-00     | 15.5                              |
|  |                  |  |  |  | 2-15-01      | 74.4                              |
| 02146800<br>Sugar<br>Creek             | Catawba<br>River | Lat 35°00'21", long 80°54'09",<br>York County, Hydrologic Unit<br>03050103, at bridge on State<br>Highway 160, 0.7 mi downstream<br>from Clems Branch, and 2.6 mi<br>east of Fort Mill, S.C.   | 262                                    | 1969,<br>1974-78 <sup>†</sup> ,<br>1982-2000     | 10-17-00     | 93.0                              |
|  |                  |  |  |  | 2-15-01      | 176                               |
|  |                  |  |  |  | 8-21-01      | 98.4                              |
| 02152596<br>First<br>Broad<br>River    | Broad<br>River   | Lat 35°13'03", long 81°36'28",<br>Cleveland County, Hydrologic Unit<br>03050105, at bridge on Secondary<br>Road 1140, 3 mi upstream from mouth,<br>and 4.8 mi northwest of Earl.   | 296                                    | 1968-77,<br>1980-2000                            | 10-23-00     | 65.6                              |
|  |                  |  |  |  | 1-25-01      | 170                               |
|  |                  |  |  |  | 4-17-01      | 180                               |
| 02153456<br>Buffalo<br>Creek           | Broad<br>River   | Lat 35°10'20", long 81°31'02",<br>Cleveland County, Hydrologic Unit<br>03050105, at bridge on State Highway<br>198, 0.1 mi upstream from North<br>Carolina-South Carolina State line,<br>and 4 mi west of Grover.  | 161                                    | 1968-77,<br>1979-2000                            | 10-23-00     | 71.7                              |
|  |                  |  |  |  | 1-25-01      | 63.4                              |
|  |                  |  |  |  | 4-17-01      | 104                               |
|  |                  |  |  |  | 9-27-01      | 29.2                              |
| SAVANNAH RIVER BASIN                   |                  |  |  |  |              |                                   |
| 02184242<br>Horse-<br>pasture<br>River | Toxaway<br>River | Lat 35°05'33", long 82°58'04",<br>Transylvania County, Hydrologic<br>Unit 03060101, at bridge on State<br>Highway 281, and 4 mi southwest<br>of Lake Toxaway.  | 24.1                                   | 1985-2000  | 10-19-00     | 12.4                              |
|  |                  |  |  |  | 3-9-01       | 65.4                              |
|  |                  |  |  |  | 5-3-01       | 43.5                              |
|  |                  |  |  |  | 9-7-01       | 45.4                              |
| KANAWA RIVER BASIN                     |                  |  |  |  |              |                                   |
| 03160271<br>South Fork<br>New River    | New River        | Lat 36°13'14", long 81°38'25",<br>Watauga County, Hydrologic Unit<br>05050001, at bridge on U.S. Highway<br>421, and 2 mi east of Boone.   | 34.8                                   | 1925,<br>1955-56,<br>1960,<br>1962,<br>1974-2000 | 10-4-00      | 21.4                              |
|  |                  |  |  |  | 1-31-01      | 47.9                              |
|  |                  |  |  |  | 5-10-01      | 35.0                              |
|  |                  |  |  |  | 6-5-01       | 42.7                              |
|  |                  |  |  |  |              |                                   |

<sup>†</sup> Operated as a continuous-record gaging station.



## DISCHARGE MEASUREMENTS MADE AT MISCELLANEOUS SITES DURING WATER YEAR 2001--Continued

| Station Number<br>and<br>Stream        | Tributary to             | Location  | Drainage<br>area<br>(mi <sup>2</sup> ) | Measured<br>previously<br>(water<br>years)   | Measurements |                                   |
|--|--------------------------|---|--|--|--------------|-----------------------------------|
|  |                          |   |  |  | Date         | Discharge<br>(ft <sup>3</sup> /s) |
| KANAWA RIVER BASIN--Continued          |                          |   |  |  |              |                                   |
| 03162500<br>North Fork<br>New River    | New River                | Lat 36°30'14", long 81°23'25", Ashe<br>County, Hydrologic Unit 05050001,<br>0.2 mi downstream of bridge on<br>State Highway 16 at Crumpler, and<br>6 mi upstream from South Fork.   | 277                                    | 1930-58 <sup>†</sup> ,<br>1977,<br>1981-2000 | 10-10-00     | 95.8                              |
|  |                          |   |  |  | 4-17-01      | 319                               |
|  |                          |   |  |  | 6-6-01       | 265                               |
|  |                          |   |  |  | 9-12-01      | 184                               |
| TENNESSEE RIVER BASIN                  |                          |   |  |  |              |                                   |
| 03441440                               | French<br>Broad<br>River | Lat 35°11'32", long 82°36'49", Transylvania<br>County, Hydrologic Unit 06010105, above<br>High Falls, 0.2 mi upstream from Grassy<br>Creek, 1.0 mi downstream from Reasonover<br>Creek, 3.8 mi northeast of Cedar Mountain. | 26.8                                   | 1963-1990 <sup>†</sup> ,<br>1995-99          | 5-17-01      | 30.1                              |
| 03446569<br>Mud Creek                  | French<br>Broad<br>River | Lat 35°21'10", long 82°27'51",<br>Henderson County, Hydrologic Unit<br>06010105, at bridge on Secondary<br>Road 1508, 0.2 mi downstream of<br>Clear Creek, and 0.6 mi northeast<br>of Balfour.                              | 97.4                                   | 1968-74,<br>1977,<br>1992-2000               | 10-20-00     | 39.3                              |
|  |                          |   |  |  | 12-28-00     | 91.5                              |
|  |                          |   |  |  | 4-20-01      | 99.2                              |
|  |                          |   |  |  | 9-28-01      | 70.6                              |
| 0344776625<br>French<br>Broad<br>River | Tennessee<br>River       | Lat 35°27'11", long 82°33'00",<br>Buncombe County, Hydrologic Unit<br>06010105, at Secondary Road 3495<br>and 2.1 mi southwest of Arden.  | 652                                    | 1993-2000                                    | 10-20-00     | 337                               |
|  |                          |   |  |  | 12-29-00     | 775                               |
|  |                          |   |  |  | 4-19-01      | 1070                              |
|  |                          |   |  |  | 8-10-01      | 809                               |
| 03457124<br>Pigeon<br>River            | French<br>Broad<br>River | Lat 35°32'05", long 82°54'41",<br>Haywood County, Hydrologic Unit<br>06010106, at bridge on Secondary<br>Road 1818 at Clyde, and 0.2 mi down-<br>stream of Chambers Branch.   | 162                                    | 1969-78,<br>1980-2000                        | 10-6-00      | 57.0                              |
|  |                          |   |  |  | 12-28-00     | 166                               |
|  |                          |   |  |  | 4-19-01      | 331                               |
|  |                          |   |  |  | 9-17-01      | 65.6                              |
| 03458121<br>Richland<br>Creek          | Pigeon<br>River          | Lat 35°30'30", long 82°58'19",<br>Haywood County, Hydrologic Unit<br>06010106, at bridge on Secondary Road<br>1184, 0.8 mi upstream from Raccoon<br>Creek, and 1.5 mi northeast of Waynesville.                             | 48.0                                   | 1981-2000                                    | 10-6-00      | 16.9                              |
|  |                          |   |  |  | 12-27-00     | 45.6                              |
|  |                          |   |  |  | 4-19-01      | 101                               |
|  |                          |   |  |  | 9-17-01      | 23.7                              |
| 03461976<br>North Toe<br>River         | Nolichucky<br>River      | Lat 35°58'51", long 82°00'59", Avery<br>County, Hydrologic Unit 06010108,<br>at bridge on U.S. Highway 19E, 0.1 mi<br>downstream of Jones Creek, 0.7 mi north<br>of Ingalls, and at mile 50.9.                              | 74.1                                   | 1969-71,<br>1973-74,<br>1976-2000            | 10-19-00     | 38.3                              |
|  |                          |   |  |  | 3-2-01       | 112                               |
|  |                          |   |  |  | 5-7-01       | 82.5                              |
| 03463021<br>North Toe<br>River         | Nolichucky<br>River      | Lat 35°55'46", long 82°06'57",<br>Mitchell County, Hydrologic Unit<br>06010108, at bridge on Secondary<br>Road 1162 at Penland, 0.4 mi down-<br>stream of Bear Creek, and at mile 27.6                                      | 145                                    | 1969-70,<br>1972-75,<br>1978,<br>1982-2000   | 10-19-00     | 70.3                              |
|  |                          |   |  |  | 3-2-01       | 154                               |
|  |                          |   |  |  | 5-7-01       | 143                               |

<sup>†</sup> Operated as a continuous-record gaging station.

## DISCHARGE MEASUREMENTS MADE AT MISCELLANEOUS SITES DURING WATER YEAR 2001--Continued

| Station Number<br>and<br>Stream          | Tributary to                   | Location   | Drainage<br>area<br>(mi <sup>2</sup> ) | Measured<br>previously<br>(water<br>years)  | Date   | Measurements<br>Discharge<br>(ft <sup>3</sup> /s) |
|--|--------------------------------|--|--|---|--|---|
| TENNESSEE RIVER BASIN--Continued         |                                |  |  |   |  |   |
| 03464000<br>Cane River                   | Nolichucky<br>River            | Lat 36°00'52", long 82°19'40",<br>Yancey County, Hydrologic Unit<br>06010108, 1.3 mi upstream from North<br>Toe River, and 1.5 mi east of Sioux.   | 157                                    | 1933-71 <sup>†</sup> ,<br>1974-78,<br>1980-2000                                   | 10-25-00<br>3-5-01<br>5-8-01                       | 47.4<br>332<br>124                                |
| 03464500<br>Nolichucky<br>River          | French Broad<br>River          | Lat 36°04'28", long 82°20'42", Mitchell<br>County, Hydrologic Unit 06010108, at<br>Poplar, and 0.7 mi upstream from<br>Hollow Poplar Creek.  | 608                                    | 1922-45 <sup>†</sup> ,<br>1962-63,<br>1968-72,<br>1974-78,<br>1980-95,<br>1997-99 | 10-25-00<br>5-8-01                                 | 224<br>474  |
| 03478819<br>Watauga<br>River             | South Fork<br>Holston<br>River | Lat 36°11'39", long 81°44'45",<br>Watauga County, Hydrologic Unit<br>06010103, at bridge on State Highway<br>105, 300 ft upstream from Laurel<br>Fork, and 1.4 mi north of Shulls Mills. | 26.6                                   | 1971-73,<br>1975,<br>1986-2000  | 10-4-00<br>12-6-00<br>5-10-01<br>6-5-01            | 21.4<br>15.8<br>23.9<br>21.8                      |
| 03500466<br>Cullasaja<br>River           | Little<br>Tennessee<br>River   | Lat 35°04'02", long 83°13'31", Macon County,<br>Hydrologic Unit 06010202, at Dam, and 2.0 mi<br>northwest of Highlands.  | 14.4                                   | 1999-2000   | 10-19-00<br>3-9-01<br>5-3-01<br>7-18-01<br>9-19-01 | 3.44<br>41.5<br>31.2<br>16.9<br>11.6              |
| 0350116510<br>Cullasaja<br>River         | Little<br>Tennessee<br>River   | Lat 35°09'52", long 83°21'37", Macon County,<br>Hydrologic Unit 06010202, at bridge on<br>Secondary Road 1653, 1.7 mi southeast of<br>Franklin.  | 91.1                                   |   | 3-14-01<br>5-2-01<br>6-22-01<br>8-31-01<br>9-25-01 | 212<br>137<br>62.5<br>65.8<br>272                 |
| 03502000<br>Little<br>Tennessee<br>River | Tennessee<br>River             | Lat 35°14'01", long 83°23'35",<br>Macon County, Hydrologic Unit<br>06010202, 0.2 mi upstream from<br>State Highway 28 at Iotla, and<br>0.2 mi upstream from Iotla Creek.                 | 323                                    | 1929-45 <sup>†</sup> ,<br>1972-79,<br>1982-2000                                   | 10-16-00<br>3-14-01<br>5-2-01<br>9-14-01           | 176<br>622<br>429<br>204                          |
| 03515633<br>Cheoah<br>River              | Little<br>Tennessee<br>River   | Lat 35°20'04", long 83°48'21",<br>Graham County, Hydrologic Unit<br>06010204, 0.1 mi upstream from Long<br>Creek, and 0.9 mi north of Robbinsville.                                      | 55.3                                   | 1968-71,<br>1973-2000   | 10-5-00<br>1-17-01<br>4-5-01<br>9-4-01             | 14.9<br>42.7<br>103<br>105                        |
| 0351751500<br>Cheoah<br>River            | Little<br>Tennessee<br>River   | Lat 35°26'51", long 83°56'22",<br>Graham County, Hydrologic Unit<br>06010204, 350 ft upstream of mouth and<br>0.2 mi north-northwest of Tapoco.  | 215                                    | 2000  | 10-5-00<br>5-30-01                                 | 18.0<br>83.0                                      |
| 03548243<br>Brasstown<br>Creek           | Hiwassee<br>River              | Lat 34°59'13", long 83°53'40", Clay<br>County, Hydrologic Unit 06020002, at<br>bridge on Secondary Road 1111.  | 37.3                                   | 2000  | 10-3-00<br>3-19-01<br>6-25-01<br>7-31-01           | 11.8<br>49.2<br>23.2<br>19.4                      |

<sup>†</sup> Operated as a continuous-record gaging station.