

Water-Data Report 2007

353111077334801 DRAINAGE DITCH (SR5-D1) TO TRIBUTARY TO SANDY RUN NEAR LIZZIE, NC

Neuse Basin

Contentnea Subbasin

LOCATION.--Lat 35°31'11", long 77°33'48" referenced to North American Datum of 1983, Greene County, NC, Hydrologic Unit 03020203, approximately 0.25 mi north of Secondary Road 1335 and approximately 1.8 mi west-northwest of Willow Green.

DRAINAGE AREA.--Indeterminate.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 2006 to current year.

GAGE.--Water-stage recorder. Datum of gage is 64.2 ft above NGVD of 1929.

- REMARKS.--Station operated in cooperation with the North Carolina Department of Environmental and Natural Resources and the U.S. Environmental Protection Agency to examine nutrient loadings from field drainage ditches as part of the Lizzie research site water-quality monitoring project.
- EXTREMES FOR PERIOD OF RECORD.--Maximum gage height recorded 0.893 ft, September 1, 2006, April 15, 2007; minimum gage height recorded 0.000 ft, on many days during the period.
- EXTREMES FOR CURRENT YEAR.--Maximum gage height recorded, 0.893 ft, April 15, 2007; minimum gage height recorded, 0.000 ft, on many days during the year.

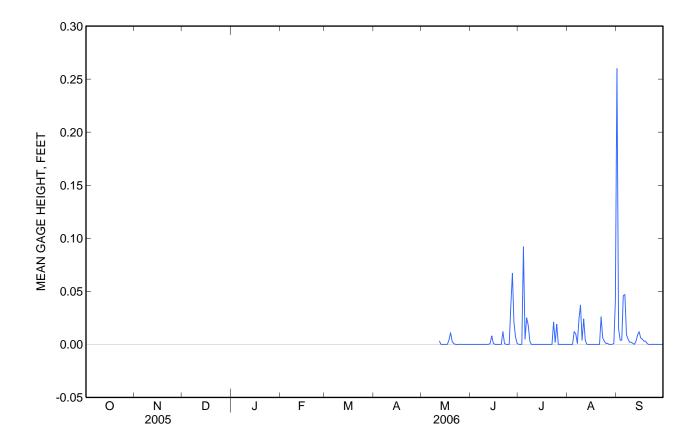
Water-Data Report 2007

353111077334801 DRAINAGE DITCH (SR5-D1) TO TRIBUTARY TO SANDY RUN NEAR LIZZIE, NC-Continued

| Day Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep 1 | DAILY MEAN VALUES | | | | | | | | | | | | |
|--|-------------------|-----|-----|-----|-----|-----|-----|-----|-------|-------|-------|-------|-------|
| 2 0.000 0.000 0.000 0.000 0.001 3 0.000 0.000 0.000 0.001 5 0.000 0.002 0.000 0.004 6 0.000 0.012 0.046 6 0.000 0.012 0.046 6 0.000 0.012 0.001 0.002 8 0.000 0.001 0.002 0.001 0.002 10 0.000 0.000 0.004 0.002 11 0.003 0.000 0.000 | Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| 2 0.000 0.000 0.000 0.000 0.001 3 0.000 0.000 0.000 0.001 5 0.000 0.002 0.000 0.004 6 0.000 0.012 0.046 6 0.000 0.012 0.046 6 0.000 0.012 0.001 0.002 8 0.000 0.001 0.002 0.001 0.002 10 0.000 0.000 0.004 0.002 11 0.003 0.000 0.000 | 1 | | | | | | | | | 0.000 | 0.000 | 0.000 | 0.260 |
| 3 0.000 0.000 0.000 0.004 4 0.000 0.002 0.000 0.004 5 0.000 0.002 0.012 0.046 6 0.000 0.005 0.012 0.047 7 0.000 0.003 0.024 0.005 9 0.000 0.000 0.037 0.002 10 0.000 0.000 0.004 0.002 11 0.000 0.000 0.000 0.004 0.001 12 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 <th>2</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>0.000</th> <th>0.000</th> <th>0.000</th> <th></th> | 2 | | | | | | | | | 0.000 | 0.000 | 0.000 | |
| 4 0.000 0.092 0.000 0.004 5 0.000 0.005 0.012 0.046 6 0.000 0.025 0.010 0.047 7 0.000 0.003 0.024 0.005 9 0.000 0.000 0.004 0.002 10 0.000 0.000 0.004 0.002 11 0.000 0.000 0.004 0.002 12 0.003 0.000 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>0.000</th> <th>0.000</th> <th>0.000</th> <th>0.004</th> | | | | | | | | | | 0.000 | 0.000 | 0.000 | 0.004 |
| 5 0.000 0.005 0.012 0.046 6 0.000 0.025 0.010 0.047 7 0.000 0.003 0.024 0.005 9 0.000 0.000 0.0024 0.002 10 0.000 0.000 0.004 0.002 11 0.000 0.000 0.004 0.002 12 0.003 0.000 | 4 | | | | | | | | | 0.000 | 0.092 | 0.000 | 0.004 |
| 7 0.000 0.018 0.001 0.009 8 0.000 0.003 0.024 0.005 9 0.000 0.000 0.002 0.002 10 0.000 0.000 0.004 0.002 11 0.003 0.000 0.004 0.000 12 0.003 0.000 0.000 0.000 13 0.000 0.001 0.000 0.000 0.000 15 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.001 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.001 0.000 0.000 0.001 0 | 5 | | | | | | | | | | | 0.012 | |
| 8 0.000 0.003 0.024 0.005 9 0.000 0.000 0.037 0.002 10 0.000 0.000 0.004 0.002 11 0.000 0.000 0.004 0.002 13 0.003 0.000 0.004 0.000 13 0.000 0.001 0.000 0.000 0.001 14 0.000 0.001 0.000 0.001 0.001 0. | 6 | | | | | | | | | 0.000 | 0.025 | 0.010 | 0.047 |
| 9 0.000 0.000 0.037 0.002 10 0.000 0.000 0.004 0.002 11 0.000 0.000 0.004 0.002 12 0.003 0.000 0.000 0.004 0.000 13 0.000 0.001 0.000 <th>7</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>0.000</th> <th>0.018</th> <th>0.001</th> <th>0.009</th> | 7 | | | | | | | | | 0.000 | 0.018 | 0.001 | 0.009 |
| 10 0.000 0.000 0.004 0.002 11 0.003 0.000 0.004 0.002 12 0.003 0.000 0.004 0.000 13 0.000 0.001 0.000 0.000 0.001 14 0.000 0.001 0.000 0.000 0.000 15 0.000 0.003 | 8 | | | | | | | | | 0.000 | 0.003 | 0.024 | 0.005 |
| 11 0.000 0.000 0.024 0.001 12 0.003 0.000 0.000 0.004 0.000 13 0.000 0.001 0.000 0.000 0.001 14 0.000 0.001 0.000 0.000 0.000 15 0.000 0.001 0.000 0.000 0.000 16 0.000 0.000 0.000 0.000 0.000 18 0.004 0.000 0.000 0.000 19 0.011 0.000 0.000 0.000 20 0.011 0.010 0.000 0.000 21 0.000 0.0 | 9 | | | | | | | | | 0.000 | 0.000 | 0.037 | 0.002 |
| 12 0.003 0.000 0.004 0.000 13 0.000 0.001 0.000 0.000 0.003 14 0.000 0.001 0.000 0.000 0.001 15 0.000 0.001 0.000 0.000 0.000 16 0.000 0 | 10 | | | | | | | | | 0.000 | 0.000 | 0.004 | |
| 13 0.000 0.001 0.000 0.003 14 0.000 0.001 0.000 0.000 0.009 15 0.000 0.001 0.000 0.000 0.000 0.001 16 0.000 | 11 | | | | | | | | | 0.000 | 0.000 | 0.024 | 0.001 |
| 14 0.000 0.008 0.000 0.000 0.009 15 0.000 0.001 0.000 0.000 0.001 16 0.000 <t< th=""><th>12</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>0.003</th><th>0.000</th><th>0.000</th><th>0.004</th><th>0.000</th></t<> | 12 | | | | | | | | 0.003 | 0.000 | 0.000 | 0.004 | 0.000 |
| 15 0.000 0.001 0.000 0.000 0.001 16 0.000 0. | 13 | | | | | | | | 0.000 | 0.001 | 0.000 | 0.000 | 0.003 |
| 16 0.000 0.000 0.000 0.000 0.000 17 0.000 0.000 0.000 0.000 0.000 18 0.004 0.000 0.000 0.000 0.000 19 0.011 0.000 0.000 0.000 0.000 20 0.011 0.012 0.000 0.000 0.000 21 0.001 0.012 0.000 0.000 0.000 22 0.000 0.001 0.000 0.022 0.003 23 0.000 0.000 0.001 0.000 0.000 24 0.000 0.000 0.011 0.000 25 <td< th=""><th>14</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>0.000</th><th>0.008</th><th>0.000</th><th>0.000</th><th>0.009</th></td<> | 14 | | | | | | | | 0.000 | 0.008 | 0.000 | 0.000 | 0.009 |
| 17 0.000 0.001 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.001 0.000 | 15 | | | | | | | | 0.000 | 0.001 | 0.000 | 0.000 | 0.012 |
| 18 0.004 0.000 0.000 0.000 0.003 19 0.011 0.000 0.000 0.000 0.001 20 0.011 0.000 0.000 0.000 0.001 21 0.001 0.012 0.000 0.000 0.000 23 0.000 0.000 0.022 0.006 24 0.000 0.000 0.002 0.003 25 0.000 0.000 0.001 0.000 26 0.000 0.007 0.000 0.000 28 0.000 0.007 0.000 0.000 29 <th>16</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>0.000</th> <th>0.000</th> <th>0.000</th> <th>0.000</th> <th>0.006</th> | 16 | | | | | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.006 |
| 19 0.011 0.000 0.000 0.000 0.001 20 0.003 0.000 0.000 0.000 0.001 21 0.001 0.012 0.000 0.000 0.000 22 0.000 0.001 0.000 0.026 0.000 23 0.000 0.000 0.026 0.000 24 0.000 0.000 0.022 0.003 0.000 25 0.000 0.000 0.011 0.000 26 0.000 0.067 0.000 0.000 0.000 28 0.000 0.007 0.000 0.000 30 | 17 | | | | | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 |
| 20 0.003 0.000 0.000 0.000 0.001 21 0.001 0.012 0.000 0.000 0.000 22 0.000 0.001 0.000 0.026 0.000 23 0.000 0.000 0.021 0.006 0.000 24 0.000 0.000 0.002 0.003 0.000 25 0.000 0.000 0.011 0.000 26 0.000 0.067 0.000 0.000 0.000 28 0.000 0.007 0.000 0.000 0.000 30 | 18 | | | | | | | | 0.004 | 0.000 | 0.000 | 0.000 | 0.003 |
| 21 0.001 0.012 0.000 0.000 0.000 22 0.000 0.001 0.000 0.026 0.000 23 0.000 0.000 0.021 0.006 0.000 24 0.000 0.000 0.002 0.003 0.000 25 0.000 0.000 0.019 0.001 0.000 26 0.000 0.067 0.000 0.000 0.000 27 0.000 0.021 0.000 0.000 0.000 28 0.000 0.001 0.000 0.000 30 | 19 | | | | | | | | 0.011 | 0.000 | 0.000 | 0.000 | 0.003 |
| 22 0.000 0.001 0.000 0.026 0.000 23 0.000 0.000 0.021 0.006 0.000 24 0.000 0.000 0.012 0.006 0.000 25 0.000 0.000 0.019 0.001 0.000 26 0.000 0.067 0.000 0.000 0.000 27 0.000 0.067 0.000 0.000 0.000 28 0.000 0.007 0.000 0.000 0.000 29 0.000 0.001 0.000 0.000 30 0.000 0.000 0.04 | 20 | | | | | | | | 0.003 | 0.000 | 0.000 | 0.000 | 0.001 |
| 23 0.000 0.000 0.021 0.006 0.000 24 0.000 0.000 0.002 0.003 0.000 25 0.000 0.000 0.019 0.001 0.000 26 0.000 0.067 0.000 | 21 | | | | | | | | 0.001 | 0.012 | 0.000 | 0.000 | 0.000 |
| 24 0.000 0.000 0.002 0.003 0.000 25 0.000 0.000 0.019 0.001 0.000 26 0.000 0.036 0.000 0.001 0.000 27 0.000 0.067 0.000 0.000 0.000 28 0.000 0.007 0.000 0.000 0.000 29 0.000 0.001 0.000 0.000 30 0.000 0.001 0.000 0.041 Mean 0.000 0.006 0.041 | 22 | | | | | | | | 0.000 | 0.001 | 0.000 | 0.026 | 0.000 |
| 25 0.000 0.000 0.019 0.001 0.000 26 0.000 0.036 0.000 0.001 0.000 27 0.000 0.067 0.000 0.000 0.000 28 0.000 0.021 0.000 0.000 0.000 29 0.000 0.001 0.000 0.000 30 0.000 0.001 0.000 0.001 0.000 31 0.000 0.006 0.041 Mean 0.005 0.006 0.006 0.015 Max 0.067 0.092 0.041 0.260 </th <th>23</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>0.000</th> <th>0.000</th> <th>0.021</th> <th>0.006</th> <th>0.000</th> | 23 | | | | | | | | 0.000 | 0.000 | 0.021 | 0.006 | 0.000 |
| 26 0.000 0.036 0.000 0.001 0.000 27 0.000 0.067 0.000 0.000 0.000 28 0.000 0.021 0.000 0.000 0.000 29 0.000 0.007 0.000 0.000 0.000 30 0.000 0.001 0.000 0.000 0.000 31 0.000 0.000 0.041 Mean 0.000 0.006 0.006 0.015 Max 0.067 0.092 0.041 0.260 | 24 | | | | | | | | 0.000 | 0.000 | 0.002 | 0.003 | 0.000 |
| 27 0.000 0.067 0.000 0.000 0.000 28 0.000 0.021 0.000 0.000 0.000 29 0.000 0.007 0.000 0.000 0.000 30 0.000 0.001 0.000 0.000 31 0.000 0.000 0.041 Mean 0.005 0.006 0.006 0.015 Max 0.067 0.092 0.041 0.260 | 25 | | | | | | | | 0.000 | 0.000 | 0.019 | 0.001 | 0.000 |
| 28 0.000 0.021 0.000 0.000 0.000 29 0.000 0.007 0.000 0.000 0.000 30 0.000 0.001 0.000 0.000 31 0.000 0.000 0.041 Mean 0.005 0.006 0.006 0.015 Max 0.067 0.092 0.041 0.260 | 26 | | | | | | | | 0.000 | 0.036 | 0.000 | 0.001 | 0.000 |
| 29 0.000 0.007 0.000 0.000 0.000 30 0.000 0.001 0.000 0.000 0.000 31 0.000 0.000 0.001 0.000 0.001 0.000 Mean 0.005 0.006 0.006 0.015 Max 0.067 0.092 0.041 0.260 | 27 | | | | | | | | 0.000 | 0.067 | 0.000 | 0.000 | 0.000 |
| 30 0.000 0.001 0.000 0.001 0.000 31 0.000 0.001 0.000 0.011 0.000 0.011 0.000 0.011 0.000 0.011 0.000 0.011 0.000 0.011 0.000 0.011 0.011 0.011 0.011 0.011 0.011 0.011 | 28 | | | | | | | | 0.000 | 0.021 | 0.000 | 0.000 | 0.000 |
| 31 0.000 0.000 0.041 Mean 0.005 0.006 0.006 0.015 Max 0.067 0.092 0.041 0.260 | 29 | | | | | | | | 0.000 | 0.007 | 0.000 | 0.000 | 0.000 |
| Mean 0.005 0.006 0.006 0.015 Max 0.067 0.092 0.041 0.260 | 30 | | | | | | | | 0.000 | 0.001 | 0.000 | 0.001 | 0.000 |
| Max 0.067 0.092 0.041 0.260 | 31 | | | | | | | | 0.000 | | 0.000 | 0.041 | |
| | Mean | | | | | | | | | 0.005 | 0.006 | 0.006 | 0.015 |
| | Max | | | | | | | | | 0.067 | 0.092 | 0.041 | 0.260 |
| Min 0.000 0.000 0.000 0.000 | Min | | | | | | | | | 0.000 | 0.000 | 0.000 | 0.000 |

GAGE HEIGHT, FEET WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006 DAILY MEAN VALUES

353111077334801 DRAINAGE DITCH (SR5-D1) TO TRIBUTARY TO SANDY RUN NEAR LIZZIE, NC-Continued



Water-Data Report 2007

353111077334801 DRAINAGE DITCH (SR5-D1) TO TRIBUTARY TO SANDY RUN NEAR LIZZIE, NC-Continued

| DAILY MEAN VALUES | | | | | | | | | | | | |
|-------------------|-------|-------|-------|-----|-----|-------|-------|-------|-------|-------|-------|-------|
| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| 1 | 0.000 | 0.000 | 0.001 | | | | 0.000 | | 0.000 | 0.000 | 0.000 | 0.000 |
| 2 | 0.000 | 0.000 | 0.001 | | | | 0.000 | | 0.000 | 0.000 | 0.000 | 0.000 |
| 3 | 0.000 | 0.000 | 0.000 | | | | 0.000 | | 0.016 | 0.000 | 0.000 | 0.000 |
| 4 | 0.000 | 0.000 | 0.000 | | | | 0.000 | | 0.007 | 0.000 | 0.000 | 0.000 |
| 5 | 0.000 | 0.000 | 0.000 | | | | 0.000 | | 0.000 | 0.000 | 0.000 | 0.000 |
| 6 | 0.000 | 0.000 | 0.000 | | | | 0.000 | | 0.000 | 0.000 | 0.000 | 0.000 |
| 7 | 0.000 | 0.037 | 0.000 | | | | 0.000 | | 0.000 | 0.000 | 0.000 | 0.000 |
| 8 | 0.000 | 0.027 | 0.000 | | | | 0.000 | | 0.000 | 0.000 | 0.000 | 0.000 |
| 9 | 0.000 | 0.007 | 0.000 | | | | 0.000 | | 0.000 | 0.000 | 0.000 | 0.000 |
| 10 | 0.000 | 0.001 | 0.000 | | | | 0.000 | | 0.000 | 0.000 | 0.000 | 0.000 |
| 11 | 0.000 | 0.000 | 0.000 | | | | 0.000 | | 0.000 | 0.000 | 0.000 | 0.000 |
| 12 | 0.000 | 0.108 | 0.000 | | | | 0.011 | | 0.000 | 0.000 | 0.000 | 0.000 |
| 13 | 0.000 | 0.032 | 0.000 | | | | 0.000 | | 0.000 | 0.000 | 0.000 | 0.000 |
| 14 | 0.000 | 0.010 | 0.000 | | | | 0.000 | | | 0.000 | 0.000 | 0.000 |
| 15 | 0.000 | 0.006 | 0.000 | | | 0.000 | 0.120 | | | 0.000 | 0.000 | 0.000 |
| 16 | 0.001 | 0.057 | 0.000 | | | 0.050 | 0.035 | | | 0.000 | 0.000 | 0.000 |
| 17 | 0.004 | 0.023 | 0.000 | | | 0.006 | 0.000 | | | 0.000 | 0.000 | 0.000 |
| 18 | 0.002 | 0.004 | 0.000 | | | 0.000 | 0.000 | 0.000 | | 0.000 | 0.000 | 0.000 |
| 19 | 0.000 | 0.000 | 0.000 | | | 0.000 | 0.000 | 0.000 | | 0.000 | 0.000 | 0.000 |
| 20 | 0.000 | 0.000 | 0.000 | | | 0.000 | 0.000 | 0.000 | | | 0.000 | 0.000 |
| 21 | 0.000 | 0.007 | 0.000 | | | 0.000 | 0.000 | 0.000 | 0.000 | | 0.000 | 0.000 |
| 22 | 0.000 | 0.171 | | | | 0.000 | 0.000 | 0.001 | 0.000 | | 0.000 | 0.000 |
| 23 | 0.000 | 0.022 | | | | 0.000 | 0.000 | 0.000 | 0.000 | | 0.000 | 0.000 |
| 24 | 0.000 | 0.008 | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 25 | 0.000 | 0.000 | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 26 | 0.000 | 0.000 | | | | 0.000 | 0.000 | 0.000 | | 0.000 | 0.000 | 0.000 |
| 27 | 0.002 | 0.000 | | | | 0.000 | 0.000 | 0.000 | | 0.000 | 0.000 | 0.000 |
| 28 | 0.046 | 0.001 | | | | 0.000 | 0.000 | 0.000 | | 0.000 | 0.000 | 0.000 |
| 29 | 0.000 | 0.001 | | | | 0.000 | 0.000 | 0.000 | | 0.000 | 0.000 | 0.000 |
| 30 | 0.000 | 0.001 | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 31 | 0.000 | | | | | 0.000 | | 0.000 | | 0.000 | 0.000 | |
| lean | 0.002 | 0.017 | | | | | 0.006 | | | | 0.000 | 0.000 |
| lax | 0.046 | 0.171 | | | | | 0.120 | | | | 0.000 | 0.000 |
| 1in | 0.000 | 0.000 | | | | | 0.000 | | | | 0.000 | 0.000 |

GAGE HEIGHT, FEET WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007 DAILY MEAN VALUES

353111077334801 DRAINAGE DITCH (SR5-D1) TO TRIBUTARY TO SANDY RUN NEAR LIZZIE, NC-Continued

