

**Table 20.** Maximum stages and discharges prior to and during June 4–5, 1992, in western Virginia

[mi<sup>2</sup>, square miles; ft, feet above an arbitrary datum; ft<sup>3</sup>/s, cubic feet per second; <, less than; >, greater than. Source: Recurrence intervals calculated from U.S. Geological Survey data. Other data from U.S. Geological Survey reports or data bases]

| Site no.<br>(fig. 37) | Station no. | Stream and place of determination        | Drainage area (mi <sup>2</sup> ) | Maximum prior to June 1992          |                  |                         |  | Maximum during June 4–5, 1992 |            |                                 |                                       |
|-----------------------|-------------|--|----------------------------------|-------------------------------------|------------------|-------------------------|--|-------------------------------|------------|---------------------------------|---------------------------------------|
|                       |             |  |                                  | Period                              | Year             | Stage (ft)              | Dis-charge (ft <sup>3</sup> /s)        | Day                           | Stage (ft) | Dis-charge (ft <sup>3</sup> /s) | Discharge recurrence interval (years) |
| 1                     | 03164000    | New River near Galax, VA                 | 1,131                            | 1930–92                             | 1940             | 25.7                    | 141,000                                | 5                             | 12.00      | 49,500                          | 17                                    |
| 2                     | 03165000    | Chestnut Creek at Galax, VA              | 39.4                             | 1940, 1945–92                       | 1940, 1947       | <sup>1</sup> 17.4, 14.4 | 11,000, 6,980                          | 4                             | 6.15       | 2,250                           | 3                                     |
| 3                     | 03165700    | Cripple Creek at Cedar Springs, VA       | 11.3                             | 1967–92                             | 1977             | 20.37                   | 1,860                                  | 5                             | 14.52      | 484                             | <2                                    |
| 4                     | 03167000    | Reed Creek at Grahams Forge, VA          | 247                              | 1909–16, 1927–92                    | 1916, 1977       | 11.4, 10.01             | 17,500, 14,000                         | 5                             | 9.07       | 8,560                           | 15                                    |
| 5                     | 03167500    | Big Reed Island Creek near Allisonia, VA | 278                              | 1909–15, 1939–92                    | 1912, 1992       | 6.6, 14.06              | 7,500, 17,900                          | 5                             | 6.47       | 4,300                           | <2                                    |
| 6                     | 03168000    | New River at Allisonia, VA               | 2,202                            | 1930–92                             | 1940             | 23.42                   | 185,000                                | 5                             | 13.72      | 80,300                          | 20                                    |
| 7                     | 03168750    | Thorne Springs Branch near Dublin, VA    | 4.77                             | 1957–92                             | 1973             | 8.01                    | 2,200                                  | 5                             | .93        | 11                              | <2                                    |
| 8                     | 03170000    | Little River at Graysontown, VA          | 300                              | 1929–92                             | 1972             | 13.40                   | 22,800                                 | 5                             | 4.98       | 4,370                           | <2                                    |
| 9                     | 03171000    | New River at Radford, VA                 | 2,748                            | 1878, 1908–30, <sup>2</sup> 1939–92 | 1878, 1916, 1940 | 37.4, 35.7, 35.96       | 217,000, 200,000, <sup>2</sup> 218,000 | 5                             | 18.81      | 74,100                          | 7                                     |
| 10                    | 03173000    | Walker Creek at Bane, VA                 | 305                              | 1878, 1938–92                       | 1878, 1977       | 23.5, 16.69             | 40,000, 16,900                         | 5                             | 19.28      | 25,000                          | >100                                  |
| 11                    | 03175500    | Wolf Creek near Narrows, VA              | 223                              | 1909–16, 1938–92                    | 1916, 1957       | 13.0, 13.8              | 11,000, 12,900                         | 5                             | 11.91      | 11,200                          | 20                                    |
| 12                    | 03176500    | New River at Glen Lyn, VA                | 3,768                            | 1878, 1915–38, 1939–92              | 1878, 1916, 1940 | 33.1, 31.1, 27.5        | 240,000, 210,000, <sup>2</sup> 226,000 | 5                             | 17.47      | 100,000                         | 10                                    |
| 13                    | 03177710    | Bluestone River at Falls Mills, VA       | 44.2                             | 1981–92                             | 1984             | 8.37                    | 1,050                                  | 5                             | 6.09       | 713                             | <2                                    |

<sup>1</sup>Datum then in use.

<sup>2</sup>Flows in the lower New River downstream from Clayton Lake have been regulated since 1939.