

**National Weather Service**  
**Storm Data and Unusual Weather Phenomena**

August 2004

|                                                    |                                                 | Time<br>Local       | Path<br>Length | Path<br>Width | # of persons |         | Estimated Damage |       |                         |
|----------------------------------------------------|-------------------------------------------------|---------------------|----------------|---------------|--------------|---------|------------------|-------|-------------------------|
| Location                                           | Date                                            | Standard            | (Miles)        | (Yards)       | Killed       | Injured | Property         | Crops | Character of Storm      |
| <b><u>ATLANTIC NORTH</u></b>                       |                                                 |                     |                |               |              |         |                  |       |                         |
| <b>ANZ532</b>                                      | <b>Chesapeake Bay Sandy Pt to N Beach Md</b>    |                     |                |               |              |         |                  |       |                         |
| 3 E Annapolis                                      | 02                                              | 1345EST             |                |               | 0            | 0       |                  |       | Waterspout              |
| <b>ANZ530</b>                                      | <b>Chesapeake Bay N of Pooles Is Md</b>         |                     |                |               |              |         |                  |       |                         |
| 6 NW Pooles Island                                 | 04                                              | 1830EST             |                |               | 0            | 0       |                  |       | Marine Tstm Wind (EG35) |
| <b>ANZ531</b>                                      | <b>Chesapeake Bay Pooles Is to Sandy Pt Md</b>  |                     |                |               |              |         |                  |       |                         |
| 10 W Riviera Beach                                 | 04                                              | 1840EST             |                |               | 0            | 0       |                  |       | Marine Tstm Wind (EG34) |
| <b>ANZ531</b>                                      | <b>Chesapeake Bay Pooles Is to Sandy Pt Md</b>  |                     |                |               |              |         |                  |       |                         |
| 7 N Millers Island                                 | 04                                              | 1845EST             |                |               | 0            | 0       |                  |       | Marine Tstm Wind (MG35) |
| <b>ANZ531</b>                                      | <b>Chesapeake Bay Pooles Is to Sandy Pt Md</b>  |                     |                |               |              |         |                  |       |                         |
| 3 N Riviera Beach                                  | 04                                              | 1854EST             |                |               | 0            | 0       |                  |       | Marine Tstm Wind (MG37) |
| <b>ANZ532</b>                                      | <b>Chesapeake Bay Sandy Pt to N Beach Md</b>    |                     |                |               |              |         |                  |       |                         |
| 5 SE Annapolis                                     | 04                                              | 1921EST             |                |               | 0            | 0       |                  |       | Marine Tstm Wind (MG35) |
| <b>ANZ535</b>                                      | <b>Tidal Potomac Key Bridge to Indian Hd Md</b> |                     |                |               |              |         |                  |       |                         |
| 5 W Rnld Reagan Natl Arpt                          | 11                                              | 1520EST             |                |               | 0            | 0       |                  |       | Marine hail (0.75)      |
| <b>ANZ531</b>                                      | <b>Chesapeake Bay Pooles Is to Sandy Pt Md</b>  |                     |                |               |              |         |                  |       |                         |
| 3 N Riviera Beach                                  | 11                                              | 1548EST             |                |               | 0            | 0       |                  |       | Marine Tstm Wind (MG34) |
| <b>ANZ531</b>                                      | <b>Chesapeake Bay Pooles Is to Sandy Pt Md</b>  |                     |                |               |              |         |                  |       |                         |
| Millers Island                                     | 11                                              | 1600EST             |                |               | 0            | 0       |                  |       | Marine Tstm Wind (MG34) |
| <b>ANZ532</b>                                      | <b>Chesapeake Bay Sandy Pt to N Beach Md</b>    |                     |                |               |              |         |                  |       |                         |
| 5 SE Annapolis                                     | 11                                              | 1657EST             |                |               | 0            | 0       |                  |       | Marine Tstm Wind (MG40) |
| <b>ANZ532</b>                                      | <b>Chesapeake Bay Sandy Pt to N Beach Md</b>    |                     |                |               |              |         |                  |       |                         |
| 5 SE Annapolis                                     | 18                                              | 1623EST             |                |               | 0            | 0       |                  |       | Marine Tstm Wind (MG36) |
| <b>ANZ535</b>                                      | <b>Tidal Potomac Key Bridge to Indian Hd Md</b> |                     |                |               |              |         |                  |       |                         |
| Rnld Reagan Natl Arpt                              | 18                                              | 1800EST             |                |               | 0            | 0       |                  |       | Marine Tstm Wind (MG35) |
| <b><u>DISTRICT OF COLUMBIA</u></b>                 |                                                 |                     |                |               |              |         |                  |       |                         |
| <b>District of Columbia</b>                        |                                                 |                     |                |               |              |         |                  |       |                         |
| Lincoln Memorial                                   | 11                                              | 1525EST-<br>1535EST |                |               | 0            | 0       |                  |       | Hail (0.75)             |
| Penny sized hail reported at the Lincoln Memorial. |                                                 |                     |                |               |              |         |                  |       |                         |

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|                                                         |      | Time<br>Local       | Path<br>Length | Path<br>Width | # of persons |         | Estimated Damage |       |                    |
|---------------------------------------------------------|------|---------------------|----------------|---------------|--------------|---------|------------------|-------|--------------------|
| Location                                                | Date | Standard            | (Miles)        | (Yards)       | Killed       | Injured | Property         | Crops | Character of Storm |
| <b><u>DISTRICT OF COLUMBIA</u></b>                      |      |                     |                |               |              |         |                  |       |                    |
| <b>District of Columbia</b>                             |      |                     |                |               |              |         |                  |       |                    |
| Lincoln Memorial                                        | 11   | 1525EST-<br>1825EST |                |               | 0            | 0       |                  |       | Flash Flood        |
| Street flooding on 14th Street and Constitution Avenue. |      |                     |                |               |              |         |                  |       |                    |
| <b>District of Columbia</b>                             |      |                     |                |               |              |         |                  |       |                    |
| US Capitol                                              | 11   | 1530EST             |                |               | 0            | 0       |                  |       | Hail (0.75)        |
| Penny sized hail reported by a trained spotter.         |      |                     |                |               |              |         |                  |       |                    |

|                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                     |  |  |   |   |    |  |                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------|--|--|---|---|----|--|--------------------------|
| <b><u>MARYLAND, Central</u></b>                                                                                                                                                                                                                                                                                                                                                                                     |    |                     |  |  |   |   |    |  |                          |
| <b>Carroll County</b>                                                                                                                                                                                                                                                                                                                                                                                               |    |                     |  |  |   |   |    |  |                          |
| Finksburg                                                                                                                                                                                                                                                                                                                                                                                                           | 01 | 0700EST-<br>1100EST |  |  | 0 | 0 |    |  | Flash Flood              |
| Several roads under water.                                                                                                                                                                                                                                                                                                                                                                                          |    |                     |  |  |   |   |    |  |                          |
| <b>Baltimore County</b>                                                                                                                                                                                                                                                                                                                                                                                             |    |                     |  |  |   |   |    |  |                          |
| Parkton                                                                                                                                                                                                                                                                                                                                                                                                             | 01 | 1610EST-<br>2010EST |  |  | 0 | 0 |    |  | Flash Flood              |
| Several primary and secondary roads closed due to high water.                                                                                                                                                                                                                                                                                                                                                       |    |                     |  |  |   |   |    |  |                          |
| <b>Baltimore County</b>                                                                                                                                                                                                                                                                                                                                                                                             |    |                     |  |  |   |   |    |  |                          |
| Beckleysville                                                                                                                                                                                                                                                                                                                                                                                                       | 01 | 1610EST-<br>2010EST |  |  | 0 | 0 |    |  | Flash Flood              |
| Gunpowder road at Beckleysville under water.                                                                                                                                                                                                                                                                                                                                                                        |    |                     |  |  |   |   |    |  |                          |
| <b>City of Baltimore</b>                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |  |  |   |   |    |  |                          |
| <i>West Portion</i>                                                                                                                                                                                                                                                                                                                                                                                                 | 01 | 1610EST-<br>2010EST |  |  | 0 | 0 |    |  | Flash Flood              |
| Several roads under water.<br>Baltimore and Carroll counties were hard hit by flash flooding on August 1st, over two inches of rain fell in a short time causing drainage problems in many areas. Several primary and secondary roads were closed due to high water. Quick rise of water in Gun Powder Falls carried a man away who was tubing. He was later found a few miles downstream with only minor injuries. |    |                     |  |  |   |   |    |  |                          |
| <b>Allegany County</b>                                                                                                                                                                                                                                                                                                                                                                                              |    |                     |  |  |   |   |    |  |                          |
| Mt Savage                                                                                                                                                                                                                                                                                                                                                                                                           | 04 | 1520EST             |  |  | 0 | 0 | 2K |  | Thunderstorm Wind (EG55) |
| Large limbs and power lines down.                                                                                                                                                                                                                                                                                                                                                                                   |    |                     |  |  |   |   |    |  |                          |
| <b>Washington County</b>                                                                                                                                                                                                                                                                                                                                                                                            |    |                     |  |  |   |   |    |  |                          |
| Williamsport                                                                                                                                                                                                                                                                                                                                                                                                        | 04 | 1630EST             |  |  | 0 | 0 | 2K |  | Thunderstorm Wind (EG55) |
| Downed trees.                                                                                                                                                                                                                                                                                                                                                                                                       |    |                     |  |  |   |   |    |  |                          |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      | Time<br>Local | Path<br>Length | Path<br>Width | # of persons |         | Estimated Damage |       |                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------|----------------|---------------|--------------|---------|------------------|-------|--------------------------|
| Location                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Date | Standard      | (Miles)        | (Yards)       | Killed       | Injured | Property         | Crops | Character of Storm       |
| <b>MARYLAND. Central</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |               |                |               |              |         |                  |       |                          |
| <b>Washington County</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |               |                |               |              |         |                  |       |                          |
| Hagerstown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 04   | 1630EST       |                |               | 0            | 0       | 2K               |       | Thunderstorm Wind (EG55) |
| Trees down.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |               |                |               |              |         |                  |       |                          |
| <b>Anne Arundel County</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |               |                |               |              |         |                  |       |                          |
| Glen Burnie                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 04   | 1715EST       |                |               | 0            | 0       | 4K               |       | Thunderstorm Wind (EG55) |
| Trees and power lines down.                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |               |                |               |              |         |                  |       |                          |
| <b>Frederick County</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |               |                |               |              |         |                  |       |                          |
| Walkersville                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 04   | 1730EST       |                |               | 0            | 0       | 2K               |       | Thunderstorm Wind (EG55) |
| Downed trees and power lines.                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |               |                |               |              |         |                  |       |                          |
| <b>Carroll County</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |               |                |               |              |         |                  |       |                          |
| Taneytown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 04   | 1735EST       |                |               | 0            | 0       | 2K               |       | Thunderstorm Wind (EG55) |
| Downed trees and power lines.                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |               |                |               |              |         |                  |       |                          |
| <b>Baltimore County</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |               |                |               |              |         |                  |       |                          |
| Cockeysville                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 04   | 1820EST       |                |               | 0            | 0       | 2K               |       | Thunderstorm Wind (EG55) |
| Downed trees and power lines.                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |               |                |               |              |         |                  |       |                          |
| <b>Prince George's County</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |               |                |               |              |         |                  |       |                          |
| Beltsville                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 04   | 1845EST       |                |               | 0            | 0       | 2K               |       | Thunderstorm Wind (EG50) |
| Large limbs and power lines down.                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |               |                |               |              |         |                  |       |                          |
| <b>Prince George's County</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |               |                |               |              |         |                  |       |                          |
| College Park                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 04   | 1845EST       |                |               | 0            | 0       | 3K               |       | Thunderstorm Wind (EG55) |
| Large limbs down on power lines.                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |               |                |               |              |         |                  |       |                          |
| <b>City of Baltimore</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |               |                |               |              |         |                  |       |                          |
| 2 SE Baltimore                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 04   | 1845EST       |                |               | 0            | 0       | 2K               |       | Thunderstorm Wind (EG55) |
| Trees downed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |               |                |               |              |         |                  |       |                          |
| <b>Prince George's County</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |               |                |               |              |         |                  |       |                          |
| Capitol Hgts                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 04   | 1850EST       |                |               | 0            | 0       | 2K               |       | Thunderstorm Wind (EG55) |
| Several trees and power lines down.<br>Strong thunderstorms moved through the region on August 4th. The storms toppled trees and downed power lines. At the height of the storm Baltimore Gas and Electric Company reported about 14,000 customers without power in portions of Prince Georges, Baltimore, and Anne Arundel Counties. The storms even caused a 57 minute delay to the Baltimore Orioles and Seattle Mariners baseball game at Camden Yards Stadium, in Downtown Baltimore. |      |               |                |               |              |         |                  |       |                          |

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------|----------------|---------------|--------------|---------|------------------|-------|--------------------------|
| Location                                                                                                                                                                                                                                                                                                                            | Date | Standard      | (Miles)        | (Yards)       | Killed       | Injured | Property         | Crops | Character of Storm       |
| <b>MARYLAND. Central</b>                                                                                                                                                                                                                                                                                                            |      |               |                |               |              |         |                  |       |                          |
| <b>Prince George's County</b>                                                                                                                                                                                                                                                                                                       |      |               |                |               |              |         |                  |       |                          |
| District Hgts                                                                                                                                                                                                                                                                                                                       | 04   | 1850EST       |                |               | 0            | 0       | 2K               |       | Thunderstorm Wind (EG55) |
|                                                                                                                                                                                                                                                                                                                                     |      |               |                |               |              |         |                  |       |                          |
| <b>Harford County</b>                                                                                                                                                                                                                                                                                                               |      |               |                |               |              |         |                  |       |                          |
| Bel Air                                                                                                                                                                                                                                                                                                                             | 04   | 1850EST       |                |               | 0            | 0       | 2K               |       | Thunderstorm Wind (EG55) |
| Trees and power lines down.                                                                                                                                                                                                                                                                                                         |      |               |                |               |              |         |                  |       |                          |
| <b>Anne Arundel County</b>                                                                                                                                                                                                                                                                                                          |      |               |                |               |              |         |                  |       |                          |
| Pasadena                                                                                                                                                                                                                                                                                                                            | 04   | 1905EST       |                |               | 0            | 0       | 3K               |       | Thunderstorm Wind (EG54) |
| Large branches and power lines down.                                                                                                                                                                                                                                                                                                |      |               |                |               |              |         |                  |       |                          |
| <b>Anne Arundel County</b>                                                                                                                                                                                                                                                                                                          |      |               |                |               |              |         |                  |       |                          |
| Glen Burnie                                                                                                                                                                                                                                                                                                                         | 10   | 1542EST       |                |               | 0            | 0       | 10K              |       | Lightning                |
| Lightning sparked a house fire.                                                                                                                                                                                                                                                                                                     |      |               |                |               |              |         |                  |       |                          |
| <b>Howard County</b>                                                                                                                                                                                                                                                                                                                |      |               |                |               |              |         |                  |       |                          |
| Hanover                                                                                                                                                                                                                                                                                                                             | 10   | 1544EST       |                |               | 0            | 0       | 55K              |       | Lightning                |
| Lightning sparked a house fire.                                                                                                                                                                                                                                                                                                     |      |               |                |               |              |         |                  |       |                          |
| <b>Anne Arundel County</b>                                                                                                                                                                                                                                                                                                          |      |               |                |               |              |         |                  |       |                          |
| Glen Burnie                                                                                                                                                                                                                                                                                                                         | 10   | 1558EST       |                |               | 0            | 0       | 50K              |       | Lightning                |
| A garage was struck by lightning.                                                                                                                                                                                                                                                                                                   |      |               |                |               |              |         |                  |       |                          |
| <b>Howard County</b>                                                                                                                                                                                                                                                                                                                |      |               |                |               |              |         |                  |       |                          |
| Clarksville                                                                                                                                                                                                                                                                                                                         | 11   | 1510EST       |                |               | 0            | 0       | 2K               |       | Thunderstorm Wind (EG55) |
| Trees and power lines down across the area.                                                                                                                                                                                                                                                                                         |      |               |                |               |              |         |                  |       |                          |
| <b>Montgomery County</b>                                                                                                                                                                                                                                                                                                            |      |               |                |               |              |         |                  |       |                          |
| Silver Spg                                                                                                                                                                                                                                                                                                                          | 11   | 1530EST       |                |               | 0            | 0       | 1K               |       | Thunderstorm Wind (EG55) |
| Large limbs down on power lines.                                                                                                                                                                                                                                                                                                    |      |               |                |               |              |         |                  |       |                          |
| <b>Anne Arundel County</b>                                                                                                                                                                                                                                                                                                          |      |               |                |               |              |         |                  |       |                          |
| Lothian                                                                                                                                                                                                                                                                                                                             | 11   | 1630EST       |                |               | 0            | 0       | 2K               |       | Thunderstorm Wind (EG55) |
| Trees and power lines down.<br>Strong thunderstorms downed trees and power lines in east Maryland. Around 20,000 people were without power. The three regional international airports, Reagan National, Dulles International, and Baltimore-Washington, reported 1 to 3 hour weather delays for flights departing to the northeast. |      |               |                |               |              |         |                  |       |                          |

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|-----------------------------------------------------------------------------|------|---------------------|----------------|---------------|--------------|---------|------------------|-------|--------------------------|
| Location                                                                    | Date | Standard            | (Miles)        | (Yards)       | Killed       | Injured | Property         | Crops | Character of Storm       |
| <b><u>MARYLAND, Central</u></b>                                             |      |                     |                |               |              |         |                  |       |                          |
| <b>Baltimore County</b>                                                     |      |                     |                |               |              |         |                  |       |                          |
| Reisterstown                                                                | 12   | 1645EST             |                |               | 0            | 0       | 1.5K             |       | Thunderstorm Wind (EG50) |
| Several large trees down.                                                   |      |                     |                |               |              |         |                  |       |                          |
| <b>Howard County</b>                                                        |      |                     |                |               |              |         |                  |       |                          |
| Columbia                                                                    | 12   | 1730EST-<br>2030EST |                |               | 0            | 0       |                  |       | Flash Flood              |
| Many streets and roads were closed due to high water.                       |      |                     |                |               |              |         |                  |       |                          |
| <b>Harford County</b>                                                       |      |                     |                |               |              |         |                  |       |                          |
| Darlington                                                                  | 12   | 1758EST             |                |               | 0            | 0       | 2K               |       | Thunderstorm Wind (EG50) |
| Large limbs and power lines downed by strong thunderstorm winds.            |      |                     |                |               |              |         |                  |       |                          |
| <b>Harford County</b>                                                       |      |                     |                |               |              |         |                  |       |                          |
| Aberdeen                                                                    | 12   | 1800EST-<br>2200EST |                |               | 0            | 0       |                  |       | Heavy Rain               |
| Heavy rain caused a commotion at a Willie Nelson/Bob Dylan outdoor concert. |      |                     |                |               |              |         |                  |       |                          |
| <b>Prince George's County</b>                                               |      |                     |                |               |              |         |                  |       |                          |
|                                                                             | 20   | 1100EST-<br>1400EST |                |               | 0            | 0       |                  |       | Heat                     |
| Heat indices at College Park rose to 105 degrees on August 20th.            |      |                     |                |               |              |         |                  |       |                          |
| <b><u>VIRGINIA, North</u></b>                                               |      |                     |                |               |              |         |                  |       |                          |
| <b>Prince William County</b>                                                |      |                     |                |               |              |         |                  |       |                          |
| 2 N Dumfries                                                                | 01   | 1530EST-<br>1830EST |                |               | 0            | 0       |                  |       | Flash Flood              |
| Route 1 closed due to high water at a couple of spots.                      |      |                     |                |               |              |         |                  |       |                          |
| <b>Nelson County</b>                                                        |      |                     |                |               |              |         |                  |       |                          |
| Lovington                                                                   | 01   | 1710EST-<br>2110EST |                |               | 0            | 0       |                  |       | Flash Flood              |
| Streets closed due to standing water.                                       |      |                     |                |               |              |         |                  |       |                          |
| <b>Loudoun County</b>                                                       |      |                     |                |               |              |         |                  |       |                          |
| Round Hill                                                                  | 11   | 1340EST             |                |               | 0            | 0       | 1K               |       | Thunderstorm Wind (EG50) |
| Downed trees.                                                               |      |                     |                |               |              |         |                  |       |                          |

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------|----------------|---------------|--------------|---------|------------------|-------|--------------------------|
| Location                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Date | Standard            | (Miles)        | (Yards)       | Killed       | Injured | Property         | Crops | Character of Storm       |
| <b><u>VIRGINIA, North</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                     |                |               |              |         |                  |       |                          |
| <b>Fauquier County</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                     |                |               |              |         |                  |       |                          |
| Marshall                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 11   | 1400EST             |                |               | 0            | 0       | 2K               |       | Thunderstorm Wind (EG55) |
| Trees and power lines down.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |                     |                |               |              |         |                  |       |                          |
| <b>Fairfax County</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                     |                |               |              |         |                  |       |                          |
| Chantilly                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 11   | 1425EST-<br>1439EST |                |               | 0            | 0       |                  |       | Hail (1.75)              |
| Penny to golf ball size hail was reported in Chantilly.                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                     |                |               |              |         |                  |       |                          |
| <b>City of Fairfax</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                     |                |               |              |         |                  |       |                          |
| Fairfax                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 11   | 1455EST             |                |               | 0            | 0       |                  |       | Hail (0.75)              |
| Penny sized hail was observed in the City of Fairfax.                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                     |                |               |              |         |                  |       |                          |
| <b>City of Falls Church</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |                     |                |               |              |         |                  |       |                          |
| Falls Church                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 11   | 1510EST             |                |               | 0            | 0       |                  |       | Hail (1.50)              |
| Quarter to walnut size hail was reported in Falls Church.                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                     |                |               |              |         |                  |       |                          |
| <b>Fairfax County</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                     |                |               |              |         |                  |       |                          |
| Annandale                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 11   | 1510EST-<br>1520EST |                |               | 0            | 0       |                  |       | Hail (3.00)              |
| Quarter to teacup size hail fell in Annandale. The larger hail caused dents to several cars in the vicinity.                                                                                                                                                                                                                                                                                                                                                                   |      |                     |                |               |              |         |                  |       |                          |
| <b>Arlington County</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                     |                |               |              |         |                  |       |                          |
| Arlington                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 11   | 1512EST-<br>1522EST |                |               | 0            | 0       |                  |       | Hail (1.50)              |
| Penny to walnut size hail fell in Arlington County.                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                     |                |               |              |         |                  |       |                          |
| <b>City of Falls Church</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |                     |                |               |              |         |                  |       |                          |
| Falls Church                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 11   | 1515EST             |                |               | 0            | 0       | 3K               |       | Thunderstorm Wind (EG55) |
| Trees and power lines down across the city.<br>Strong winds downed trees and power lines in Fairfax, Fauquier, and Loudoun Counties. Approximately 24,000 people were without power at some point during the storms. The area was also riddled with penny to quarter size hail. Trained spotters reported a few hail stones as large as tea cups. Reagan National and Dulles International Airports had weather delays of 1 to 3 hours for flights traveling to the northeast. |      |                     |                |               |              |         |                  |       |                          |
| <b>Fairfax County</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                     |                |               |              |         |                  |       |                          |
| Annandale                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 11   | 1540EST             |                |               | 0            | 0       |                  |       | Hail (2.00)              |
| Hen egg size hail was reported.                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                     |                |               |              |         |                  |       |                          |

**National Weather Service**  
**Storm Data and Unusual Weather Phenomena**

August 2004

|                                                                                                                                                                                     |      | Time<br>Local       | Path<br>Length | Path<br>Width | # of persons |         | Estimated Damage |       |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------|----------------|---------------|--------------|---------|------------------|-------|--------------------------|
| Location                                                                                                                                                                            | Date | Standard            | (Miles)        | (Yards)       | Killed       | Injured | Property         | Crops | Character of Storm       |
| <b><u>VIRGINIA, North</u></b>                                                                                                                                                       |      |                     |                |               |              |         |                  |       |                          |
| <b>City of Fredericksburg</b>                                                                                                                                                       |      |                     |                |               |              |         |                  |       |                          |
| Fredericksburg                                                                                                                                                                      | 12   | 1700EST             |                |               | 0            | 0       |                  |       | Heavy Rain               |
| A fast moving thunderstorm dropped nearly 2 inches of rain over the Hazel Run Creek. A motorist in a Chevy Blazer was caught in a current and and dragged about 20 feet downstream. |      |                     |                |               |              |         |                  |       |                          |
| <b>City of Alexandria</b>                                                                                                                                                           |      |                     |                |               |              |         |                  |       |                          |
| Alexandria                                                                                                                                                                          | 12   | 1830EST-<br>2030EST |                |               | 0            | 0       |                  |       | Flash Flood              |
| Heavy rain flooded West and Wythe Streets, just outside the Braddock Street Metro station.                                                                                          |      |                     |                |               |              |         |                  |       |                          |
| <b>Page County</b>                                                                                                                                                                  |      |                     |                |               |              |         |                  |       |                          |
| 5 SSE Stanley                                                                                                                                                                       | 19   | 1755EST             |                |               | 0            | 0       |                  |       | Thunderstorm Wind (EG50) |
| Several large trees down.                                                                                                                                                           |      |                     |                |               |              |         |                  |       |                          |
| <b>Culpeper County</b>                                                                                                                                                              |      |                     |                |               |              |         |                  |       |                          |
| Norman                                                                                                                                                                              | 19   | 1900EST             |                |               | 0            | 0       |                  |       | Thunderstorm Wind (EG50) |
| Downed trees and power lines.                                                                                                                                                       |      |                     |                |               |              |         |                  |       |                          |
| <b>Fauquier County</b>                                                                                                                                                              |      |                     |                |               |              |         |                  |       |                          |
| Sumerduck                                                                                                                                                                           | 19   | 1900EST             |                |               | 0            | 0       |                  |       | Lightning                |
| Seven cows and one bull were killed as a result of a lightning strike while standing under a tree.                                                                                  |      |                     |                |               |              |         |                  |       |                          |
| <b>Culpeper County</b>                                                                                                                                                              |      |                     |                |               |              |         |                  |       |                          |
|                                                                                                                                                                                     | 20   | 1000EST-<br>1400EST |                |               | 0            | 0       |                  |       | Heat                     |
| Late morning and afternoon heat indices ranged from 104 to 108 degrees across portions of Northern Virginia on August 20th.                                                         |      |                     |                |               |              |         |                  |       |                          |
| <b>Frederick County   Winchester</b>                                                                                                                                                |      |                     |                |               |              |         |                  |       |                          |
|                                                                                                                                                                                     | 20   | 1000EST-<br>1400EST |                |               | 0            | 0       |                  |       | Heat                     |
| Late morning and afternoon heat indices ranged from 104 to 108 degrees across portions of Northern Virginia on August 20th.                                                         |      |                     |                |               |              |         |                  |       |                          |
| <b>Orange County</b>                                                                                                                                                                |      |                     |                |               |              |         |                  |       |                          |
|                                                                                                                                                                                     | 20   | 1000EST-<br>1400EST |                |               | 0            | 0       |                  |       | Heat                     |
| Late morning and afternoon heat indices ranged from 104 to 108 degrees across portions of Northern Virginia on August 20th.                                                         |      |                     |                |               |              |         |                  |       |                          |

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August 2004

|                                     |      |          | Time<br>Local | Path<br>Length | Path<br>Width | # of persons |          | Estimated Damage |                          |  |
|-------------------------------------|------|----------|---------------|----------------|---------------|--------------|----------|------------------|--------------------------|--|
| Location                            | Date | Standard | (Miles)       | (Yards)        | Killed        | Injured      | Property | Crops            | Character of Storm       |  |
| <b><u>WEST VIRGINIA, East</u></b>   |      |          |               |                |               |              |          |                  |                          |  |
| <b>Mineral County</b>               |      |          |               |                |               |              |          |                  |                          |  |
| 9 SW Keyser                         | 04   | 1525EST  |               |                | 0             | 0            |          |                  | Thunderstorm Wind (EG50) |  |
| Downed trees.                       |      |          |               |                |               |              |          |                  |                          |  |
| <b>Morgan County</b>                |      |          |               |                |               |              |          |                  |                          |  |
| Berkeley Springs                    | 04   | 1616EST  |               |                | 0             | 0            |          |                  | Thunderstorm Wind (EG50) |  |
| Several trees down across the area. |      |          |               |                |               |              |          |                  |                          |  |