



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2003

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons Killed | Number of Persons Injured | Estimated Damage Property | Estimated Damage Crops | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

ATLANTIC NORTH

| | | | | | | | | | |
|--------------------------------|----|---------|--|--|---|---|--|--|--|
| ANZ534 7 NW Solomons Island | 07 | 1840EST | | | 0 | 0 | | | Waterspout A waterspout was reported on the Patuxent River between Sandgates and Brooms Island. |
| ANZ536 Route 301 Bridge | 07 | 1850EST | | | 0 | 0 | | | Waterspout A waterspout was reported near Swan Point. |
| ANZ534 Solomons Island | 07 | 1930EST | | | 0 | 0 | | | Waterspout A waterspout was reported off Drum Point moving toward Hooper Island. |
| ANZ533 Drum Pt | 07 | 1930EST | | | 0 | 0 | | | Waterspout A waterspout was reported off Drum Point moving toward Hooper Island. |
| ANZ534 Patuxent River Nas | 08 | 1305EST | | | 0 | 0 | | | Marine Hail (0.75) The hail size was estimated. |
| ANZ531 Millers Island | 31 | 1815EST | | | 0 | 0 | | | Marine Tstm Wind (EG35) A thunderstorm produced a wind gust of 35 knots. |

DISTRICT OF COLUMBIA

| | | | | | | | | | |
|--------|----|--------------------|--|--|---|---|--|--|---|
| DCZ001 | 16 | 0730EST 1000EST | | | 0 | 0 | | | Flood Heavy downpours flooded roads during the morning commute. Drains were overwhelmed by the heavy downpours and a few backed up in Southeast. South Capitol Street was flooded by runoff during the morning commute. |
|--------|----|--------------------|--|--|---|---|--|--|---|

MARYLAND, Central

| | | | | | | | | | |
|--|----|--------------------|-----|----|---|---|-----|--|--|
| Charles County Port Tobacco | 07 | 1755EST | | | 0 | 0 | | | Hail(1.25) Ice cube sized hail was reported. The time was estimated. |
| Calvert County Countywide | 07 | 1800EST 1900EST | | | 0 | 0 | | | Heavy Rain Basements were flooded. |
| Charles County Bel Alton | 07 | 1800EST | | | 0 | 0 | | | Funnel Cloud A funnel cloud was spotted along Route 301. The time was estimated. |
| St. Mary'S County Countywide | 07 | 1820EST 1850EST | | | 0 | 0 | 10K | | Thunderstorm Wind (EG50) Trees were downed. |
| St. Mary'S County Thompson Corner to 1 E Thompson Corner | 07 | 1823EST | 0.5 | 75 | 0 | 0 | 25K | | Tornado (F0) A weak tornado damaged some agricultural buildings along Lockes Crossing Road. |
| St. Mary'S County Countywide | 07 | 1830EST 1930EST | | | 0 | 0 | | | Flash Flood Several roads were flooded after over 3 inches of rain fell in some locations. |



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2003

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons Killed Injured | | Estimated Damage Property Crops | | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|---|--|--|--|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|---|--|--|--|--------------------|

MARYLAND, Central

St. Mary'S County

1 S Oakville **07** **1830EST** **0** **0** **2K** **Thunderstorm Wind (EG50)**
A strong downburst of wind flattened numerous trees along Friendship School Road and at the Summerseat Sanctuary.

St. Mary'S County

Oakville to
2 NE Oakville **07** **1830EST** **2** **100** **0** **0** **25K** **Tornado (F0)**
A weak tornado downed trees and power lines along North Sandgates Road (Route 472).

St. Mary'S County

Hollywood **07** **1840EST** **0** **0** **Lightning**
A home caught on fire after being struck by lightning. The time was estimated.

St. Mary'S County

Mechanicsville **07** **1840EST** **0** **0** **Hail(0.88)**
Nickel sized hail fell.

St. Mary'S County

Mechanicsville **07** **1840EST** **0** **0** **Lightning**
A shed burned to the ground after being struck by lightning

Severe thunderstorms moved southeast through Charles and St. Mary's counties during the evening of the 7th. Two tornadoes were produced by these storms across northern St. Mary's County. The tornadic storms first passed through Charles County. A funnel cloud was spotted along Route 301 near Bel Alton. A rotating wall cloud was spotted on Trinity Church Road in the eastern portion of the county between routes 6 and 234. "Ice cube" sized hail fell near Port Tobacco. A waterspout was reported on the Potomac River near Swan Point.

Next, the storms moved into St. Mary's County where they produced damaging winds, tornadoes, heavy rain, and hail. The first tornado touched down near the intersection of Route 236 (Thompsons Corner Road) and Woodburn Hill Road in the community of Thompson Corner (just west of Mechanicsville). The tornado traveled straight east along Lockes Crossing Road for one half mile before dissipating. Along its path trees were downed, a roof was damaged, a machine shed lost its roof, and a 30x70 foot barn was destroyed. The tornado had a path width of 75 yards and was classified at F0 strength. The second tornado touched down near the intersection of Route 235 (Three Notch Road) and North Sandgates Road (Route 472) near Oakville. It moved northeast along North Sandgates Road for two miles before it pushed offshore. It became a waterspout that tracked toward Broomes Island. Along the tornado's inland path several trees and power lines were downed. One tree fell onto a trailer home, significantly damaging the structure. Two other homes sustained minor damage. The twister was 100 yards wide and was rated at F0 strength.

Trees and power lines were downed by high winds in the communities of Hollywood, Leonardown, Charlotte Hall, Oakville, New Market, Laurel Grove, and at Summerseat Sanctuary. Trees had to be cleared from the following roads: Friendship School Road, Bishop Road, McIntosh Road, Clover Hill Road, Queentree Road, Jones Wharf Road, Cat Creek Road, Laurel Grove Road, Morganza Turner Road, and South Sandgates Road. Two cars were crushed by fallen trees in Hollywood. Nickle sized hail was reported in Mechanicsville. A spotter in Hollywood reported 3.15 inches of rainfall in one hour and 45 MPH winds. Flooding was reported on routes 235 and 246 in Lexington Park. Other roads that were inundated by water include Baptist Church Road, Mechanicsville Road, Dr. Johnson Road, and Foley Mattingly Road. Two unconfirmed reports of funnel clouds were received from residents of Hermanville and Scotland. The Scotland observer said the funnel was spotted over the Potomac River. Lightning with the storms started a house fire in Hollywood and a shed fire in Mechanicsville. In addition, heavy rainfall from these storms caused basement flooding in parts of Calvert County. A total of 2.90 inches of rain was recorded at Solomon's Island.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2003

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons Killed | Number of Persons Injured | Estimated Damage Property | Estimated Damage Crops | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

MARYLAND, Central

St. Mary'S County

| | | | | | | | | | |
|------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|
| Hollywood | 08 | 1200EST | | | 0 | 0 | | | Hail(0.75) |
|------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|

Penny sized hail fell.

A thunderstorm moving through St. Mary's County during the afternoon of the 8th dropped penny sized hail in Hollywood.

Baltimore City (C)

| | | | | | | | | | |
|-------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|
| Countywide | 15 | 1500EST | | | 0 | 0 | | | Heavy Rain |
|-------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|

Charles County

| | | | | | | | | | |
|-------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|
| Countywide | 15 | 1500EST | | | 0 | 0 | | | Heavy Rain |
|-------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|

Howard County

| | | | | | | | | | |
|-------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|
| Countywide | 15 | 1500EST | | | 0 | 0 | | | Heavy Rain |
|-------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|

Montgomery County

| | | | | | | | | | |
|-------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|
| Countywide | 15 | 1500EST | | | 0 | 0 | | | Heavy Rain |
|-------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|

Prince George'S County

| | | | | | | | | | |
|-------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|
| Countywide | 15 | 1500EST | | | 0 | 0 | | | Heavy Rain |
|-------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|

MDZ002>003-003>004-004-011 Allegany - Washington - Frederick - Southern Baltimore

| | | | | | | | | | |
|--|-----------|----------------|--|--|----------|----------|--|--|--------------|
| | 16 | 0600EST | | | 0 | 0 | | | Flood |
|--|-----------|----------------|--|--|----------|----------|--|--|--------------|

A large area of showers and thunderstorms containing heavy downpours moved through the region between the afternoon of the 15th and the morning of the 16th. The system dropped between 2 and 4 inches of rain across western and central Maryland which caused several low lying areas to flood. Isolated 5 inch rainfall totals were reported in northern Frederick County. In some areas it took over 10 hours for the water to recede after the rain came to an end. In Allegany County, twenty sewage pumping stations overflowed after being inundated by water. Residents in 3 communities had to boil their water for a few days following the flood. In Washington County, twenty five roads were closed by flooding and many small streams overflowed their banks. Schools were forced to close early and some parents had to pick up their children at school because the buses had trouble navigating the flooded roads. Two motorists became stranded in flood waters including one woman who had to be rescued from Antietam Creek near Leitersburg. Conococheague Creek at Fairview rose above its bankful stage of 8 feet at noon on the 16th. It crested at 9.4 feet at 8 PM and fell below bankful stage at 2:30 PM on the 17th. Water overflowed onto Wishard Road and other low lying areas along the creek.

In Frederick County, over 30 roads were closed by flooding. Water from streams and creeks overflowed onto several low-lying bridges. County officials said that so many roads were becoming flooded that the Wolfsville area started to become an island. Students in the northern portion of the county were sent home early as a precaution. Some residents in Thurmont were forced out of their homes after their basements flooded. Rescue personnel conducted 4 water rescues after drivers stalled while crossing flooded roads. One woman was caught in swift rushing water at the intersection of Dog Street and Nicodemus Mill Road near Keedysville. The Middletown fire company pumped out 17 basements, including one where the pressure of the water was causing holes in a concrete wall. An observer at Catoclin Mountain recorded an incredible 5.27 inches of rainfall during the event. On the Monocacy River at Frederick, the river rose above its flood stage of 15 feet at 2:15 AM on the 17th. It crested at 15.9 feet at 8 AM and dropped below flood stage at 1:30 PM. Water reached the sewage treatment plant and backwater flooding occurred along Carroll Creek, inundating Gashouse Pike. In Baltimore County, Jones Falls overflowed its banks near Owings Mills. In Prince George's County, high water forced sewage to pour out of a manhole onto Indian Head Highway.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2003

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons Killed | Number of Persons Injured | Estimated Damage Property | Estimated Damage Crops | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

MARYLAND, Central

Frederick County

| | | | | | | | | | |
|------------|----------|--------------------|--|--|---|---|--|--|-------------|
| Countywide | 24 25 | 2245EST 0200EST | | | 0 | 0 | | | Flash Flood |
|------------|----------|--------------------|--|--|---|---|--|--|-------------|

Many roads were closed by flooding.

An area of thunderstorms moved through Frederick County during the late evening of the 24th and the early morning hours of the 25th. An estimated 1.5 inches of rain caused many roads to be flooded, including routes 15, 85, and 355.

Washington County

| | | | | | | | | | |
|------------|----|---------|--|--|---|---|----|--|--------------------------|
| Countywide | 31 | 1444EST | | | 0 | 0 | 5K | | Thunderstorm Wind (EG50) |
|------------|----|---------|--|--|---|---|----|--|--------------------------|

Several trees were downed across the county.

Frederick County

| | | | | | | | | | |
|-----------|----|---------|--|--|---|---|-------|--|--------------------------|
| Frederick | 31 | 1520EST | | | 0 | 0 | 0.10K | | Thunderstorm Wind (EG50) |
|-----------|----|---------|--|--|---|---|-------|--|--------------------------|

A tree was downed onto West College Parkway.

Carroll County

| | | | | | | | | | |
|----------|----|---------|--|--|---|---|-------|--|--------------------------|
| Winfield | 31 | 1540EST | | | 0 | 0 | 0.50K | | Thunderstorm Wind (EG50) |
|----------|----|---------|--|--|---|---|-------|--|--------------------------|

Trees were downed onto three roads. The time was estimated.

Carroll County

| | | | | | | | | | |
|-------------|----|--------------------|--|--|---|---|--|--|-------------|
| Westminster | 31 | 1630EST 1730EST | | | 0 | 0 | | | Flash Flood |
|-------------|----|--------------------|--|--|---|---|--|--|-------------|

Small streams overflowed their banks. Twin Arch Road was flooded.

Frederick County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|-------------|
| Countywide | 31 | 1630EST 1730EST | | | 0 | 0 | | | Flash Flood |
|------------|----|--------------------|--|--|---|---|--|--|-------------|

A portion of Interstate 270 was flooded near the Montgomery County line.

Frederick County

| | | | | | | | | | |
|-----------|----|--------------------|--|--|---|---|--|--|-------------|
| Knoxville | 31 | 1644EST 1800EST | | | 0 | 0 | | | Flash Flood |
|-----------|----|--------------------|--|--|---|---|--|--|-------------|

Streets were flooded and a home was damaged after a pond overflowed.

Montgomery County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|------------|
| Countywide | 31 | 1700EST 1800EST | | | 0 | 0 | | | Heavy Rain |
|------------|----|--------------------|--|--|---|---|--|--|------------|

Minor flooding was reported in a parking lot and field. Minor flooding was also reported on Route 355 at Route 118.

Montgomery County

| | | | | | | | | | |
|-------|----|---------|--|--|---|---|-------|--|--------------------------|
| Olney | 31 | 1710EST | | | 0 | 0 | 0.50K | | Thunderstorm Wind (EG50) |
|-------|----|---------|--|--|---|---|-------|--|--------------------------|

Wires were downed onto Route 108.

Montgomery County

| | | | | | | | | | |
|--------------|----|---------|--|--|---|---|-------|--|--------------------------|
| Gaithersburg | 31 | 1715EST | | | 0 | 0 | 0.50K | | Thunderstorm Wind (EG50) |
|--------------|----|---------|--|--|---|---|-------|--|--------------------------|

Large tree branches were downed onto cars.

Prince George'S County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|------------|
| Countywide | 31 | 1800EST 1900EST | | | 0 | 0 | | | Heavy Rain |
|------------|----|--------------------|--|--|---|---|--|--|------------|

Route 50 had to be shut down for 30 minutes due to flooding caused by a clogged drain

Prince George'S County

| | | | | | | | | | |
|-------------|----|---------|--|--|---|---|--|--|--------------------------|
| Andrews Afb | 31 | 1830EST | | | 0 | 0 | | | Thunderstorm Wind (MG53) |
|-------------|----|---------|--|--|---|---|--|--|--------------------------|

A 61 MPH wind gust was recorded.

Anne Arundel County

| | | | | | | | | | |
|--------|----|---------|--|--|---|---|----|--|--------------------------|
| Arnold | 31 | 1851EST | | | 0 | 0 | 5K | | Thunderstorm Wind (EG50) |
|--------|----|---------|--|--|---|---|----|--|--------------------------|

Tree limbs were felled onto power lines.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2003

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons Killed | Number of Persons Injured | Estimated Damage Property | Estimated Damage Crops | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

MARYLAND, Central

Carroll County

Sykesville

31 2327EST 0 0 200K Lightning

A two story home in Marriottsville burned to the ground after being struck by lightning

Thunderstorms with high winds, heavy rainfall, and frequent lightning moved through Central and Western Maryland during the afternoon and evening of the 31st. In Washington County, several trees were downed across the county. Several roads were also flooded, including Ed Sears Road. In Frederick County, heavy downpours caused a pond to overflow in Knoxville. A new home near the pond was damaged by the high water. Street flooding was also reported in town. Flooding was also reported on Interstate 270 near the Montgomery County border. Pea to marble sized hail fell in Frederick. Also in Frederick, a wind gust of 53 MPH was recorded and a tree was downed onto a car on West College Parkway. In Carroll County, small streams overflowed their banks. Flooding was reported on Twin Arch Road in Mt. Airy. Trees were downed in Winfield on Dennings, Buckhorn, and John Pickett roads. A home in Marriottsville burned to the ground after being struck by lightning. In Montgomery County, wires were downed onto Route 108 near New Hampshire Avenue in Olney. Large tree branches were downed onto cars in Gaithersburg. Minor flooding was reported in a parking lot and a field in Germantown. Minor flooding was also reported on Route 355 near Route 118. In Anne Arundel County, tree limbs were downed onto electrical wires in Arnold. In Prince George's County, a wind gust of 61 MPH was recorded at Andrews Air Force Base. Power outages were reported along Walker Mill Road and Marlboro Pike. A portion of Route 50 between routes 197 and 301 in Bowie was closed for 30 minutes after a backed up storm drain caused flooding.

VIRGINIA, North

Rockingham County

Northwest Portion

01 1620EST 0 0 Flash Flood
1730EST

Route 259 was flooded at Red Hill Road.

A thunderstorm with very heavy rainfall moved through Rockingham County during the afternoon of the 1st. County officials reported that Route 259 (Brocks Gap Road) was flooded by runoff at the intersection of Red Hill Road

Fauquier County

3 SW Warrenton to Warrenton

07 1625EST 0 0 5K Thunderstorm Wind (EG50)

Power lines downed trees and caused minor structural damage in and around Warrenton.

Fauquier County

3 W Warrenton to 2 SE Warrenton

07 1625EST 5 75 0 0 12K Tornado (F1)

A tornado downed trees and caused minor structural damage in and around Warrenton.

Fauquier County

Warrenton

07 1630EST 0 0 Heavy Rain
1730EST

Street and basement flooding was reported.

Fauquier County

3 SW Warrenton

07 1630EST 0 0 0.50K Thunderstorm Wind (EG50)

Trees were downed at the intersection of Route 802 and Route 681.

Fauquier County

Cassanova

07 1640EST 0 0 2K Thunderstorm Wind (EG50)

Unknown damage was reported at the intersection of Route 602 and 616. This could be another brief touchdown of the Warrenton tornado.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2003

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons Killed | Number of Persons Injured | Estimated Damage Property | Estimated Damage Crops | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

VIRGINIA, North

Fauquier County

| | | | | | | | | | |
|---------------|-----------|----------------|--|--|----------|----------|--|--|---------------------|
| Sowego | 07 | 1645EST | | | 0 | 0 | | | Funnel Cloud |
|---------------|-----------|----------------|--|--|----------|----------|--|--|---------------------|

A funnel cloud was spotted near Brent Town.

Fairfax County

| | | | | | | | | | |
|---------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|
| Vienna | 07 | 1710EST | | | 0 | 0 | 1K | | Thunderstorm Wind (EG50) |
|---------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|

Trees were downed.

Fairfax (C)

| | | | | | | | | | |
|----------------|-----------|----------------|--|--|----------|----------|--|--|------------------|
| Fairfax | 07 | 1710EST | | | 0 | 0 | | | Lightning |
|----------------|-----------|----------------|--|--|----------|----------|--|--|------------------|

A townhouse was set on fire by a lightning strike.

Fairfax (C)

| | | | | | | | | | |
|----------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|
| Fairfax | 07 | 1710EST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
|----------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|

Trees and wires were downed.

Fairfax County

| | | | | | | | | | |
|---------------------------|-----------|----------------|--|--|----------|----------|--------------|--|---------------------------------|
| 1 SE Tysons Corner | 07 | 1720EST | | | 0 | 0 | 0.50K | | Thunderstorm Wind (EG50) |
|---------------------------|-----------|----------------|--|--|----------|----------|--------------|--|---------------------------------|

Wires were downed onto Woodland Drive.

Falls Church (C)

| | | | | | | | | | |
|---------------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|
| Falls Church | 07 | 1720EST | | | 0 | 0 | 1K | | Thunderstorm Wind (EG50) |
|---------------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|

A power line was downed onto a moving vehicle on Westmoreland Drive

Fairfax County

| | | | | | | | | | |
|---------------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|
| Baileys Xrds | 07 | 1725EST | | | 0 | 0 | 2K | | Thunderstorm Wind (EG50) |
|---------------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|

A tree fell onto a car on Arlington Boulevard.

Alexandria (C)

| | | | | | | | | | |
|-------------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|
| Alexandria | 07 | 1730EST | | | 0 | 0 | 2K | | Thunderstorm Wind (EG50) |
|-------------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|

Power lines were downed in the western portion of the city.

Prince William County

| | | | | | | | | | |
|-----------------|-----------|----------------|--|--|----------|----------|--|--|---------------------|
| Quantico | 07 | 1735EST | | | 0 | 0 | | | Funnel Cloud |
|-----------------|-----------|----------------|--|--|----------|----------|--|--|---------------------|

Fairfax County

| | | | | | | | | | |
|-----------------------|-----------|----------------|--|--|----------|----------|--|--|------------------|
| 3 NE Mt Vernon | 07 | 1755EST | | | 0 | 0 | | | Lightning |
|-----------------------|-----------|----------------|--|--|----------|----------|--|--|------------------|

A house fire was started by a lightning strike.

Fairfax (C)

| | | | | | | | | | |
|----------------|-----------|----------------|--|--|----------|----------|--|--|------------------|
| Fairfax | 07 | 1755EST | | | 0 | 0 | | | Lightning |
|----------------|-----------|----------------|--|--|----------|----------|--|--|------------------|

A house caught fire after being struck by lightning

Two severe thunderstorms moved through Northern Virginia during the afternoon of the 7th. One produced a tornado that moved through Fauquier County, and the other produced high winds that downed trees and power lines across the western suburbs of Washington D.C.

In Fauquier County, an F0 tornado touched down 3 miles west of Warrenton. It lifted up and down along a 5 mile path before finally dissipating 2 miles southeast of town. The first location where damage was found was in the vicinity of Waterloo Estates. A large tree several feet in diameter was downed on Stonelea Lane. A three-quarter-mile long path of downed trees up to 50 yards wide was surveyed between Stonelea Lane and Fauquier High School. The tornado lifted as it pushed over the high school, but not before damaging a flag pole and athletic field equipment on school grounds. Several people at the high school saw the funnel and took shelter inside the building. The next touchdown was on Culpeper Street, just south of the center of town. Several tree branches were downed there. The tornado lifted off the ground again, but touched down briefly southeast of town near the intersection of Route 643 (Meetze Road) and Poplar Grove Drive. One final touchdown was observed near the intersection of Route 674 (Lunsford Road) and Route 670 (Auburn Road). Both touchdown locations southeast of town had minor tree damage.

It is possible that the tornado touched down one more time in the community of Cassanova, about 5 miles southeast of Warrenton. Minor damage was reported at the intersection of Route 602 and 616, but the damage was cleaned up before it could be surveyed. A funnel cloud was spotted two more times with this storm, once near Brent Town in southeast Fauquier County and finally at Quantico in Prince William County. High winds were also produced by the thunderstorm just north and south of the tornado's path. Trees were downed in two locations along Route 802 (Springs Road) about 2 miles southwest of Warrenton. A microburst of wind up to 70 MPH downed several large trees in a small area of eastern Warrenton between Alexandria Pike and Walker Drive. Leaves and twigs were plastered to buildings and siding was damaged in this area as well. This thunderstorm also produced very heavy



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2003

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons | Estimated Damage | Character of Storm | |
|----------|------|----------------------------|---------------------------|--------------------------|----------------------|---------------------|--------------------|-------|
| | | | | | Killed | Injured | Property | Crops |

VIRGINIA, North

downpours and pea sized hail over Warrenton. Street and basement flooding was reported as the storm moved through. Small hail and heavy downpours were also reported in Opal.

Another thunderstorm produced high winds across the Virginia suburbs of D.C. In Falls Church, a power line was downed onto a moving pickup truck on Westmoreland Drive. Two people were trapped inside the vehicle until firefighters could cut off electricity to the wires. In Fairfax County, power lines were downed onto Woodland Drive in Tyson's Corner. Trees were downed in Vienna. Cloud to ground lightning started a house fire northeast of Mount Vernon and blew transformers in Merrifield and Herndon. In the city of Fairfax, a townhouse and a house both caught fire after being struck by lightning. Scattered trees were downed as well, including one which fell on a car at the intersection of Arlington Boulevard and Dale Road. A wind gust of 46 MPH was recorded in Reston. In Alexandria, power lines were downed in the western end of the city.

Fairfax County

| | | | | | | | | | |
|------------------|-----------|----------------|--|--|----------|----------|--|--|------------------|
| Mt Vernon | 08 | 0445EST | | | 0 | 0 | | | Lightning |
|------------------|-----------|----------------|--|--|----------|----------|--|--|------------------|

A lightning fire damaged a home on West Boulevard.

Fairfax County

| | | | | | | | | | |
|---------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|
| Lorton | 08 | 1055EST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
|---------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|

Trees were downed on River Drive east of Lorton.

Frederick County

| | | | | | | | | | |
|--------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|
| Mt Williams | 08 | 1515EST | | | 0 | 0 | | | Hail(1.75) |
|--------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|

Golfball sized hail fell in High View Manor.

Frederick County

| | | | | | | | | | |
|----------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|
| Stephens City | 08 | 1530EST | | | 0 | 0 | | | Hail(1.50) |
|----------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|

Half dollar sized hail fell.

Clarke County

| | | | | | | | | | |
|----------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|
| 4 SE Millwood | 08 | 1557EST | | | 0 | 0 | | | Hail(1.75) |
|----------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|

Golfball sized hail was reported 14 miles northeast of Front Royal.

Warren County

| | | | | | | | | | |
|---------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|
| Linden | 08 | 1558EST | | | 0 | 0 | | | Hail(1.75) |
|---------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|

Nickel to golfball sized hail was reported.

Fauquier County

| | | | | | | | | | |
|-------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|
| Hume | 08 | 1600EST | | | 0 | 0 | | | Hail(1.75) |
|-------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|

Nickel to half dollar sized hail fell.

Fauquier County

| | | | | | | | | | |
|---------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|
| 5 NW Midland | 08 | 1645EST | | | 0 | 0 | | | Hail(1.00) |
|---------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|

Quarter sized hail covered the ground one mile northwest of Opal.

Fauquier County

| | | | | | | | | | |
|-----------------|-----------|----------------------------|--|--|----------|----------|--|--|-------------------|
| Bealeton | 08 | 1653EST 1655EST | | | 0 | 0 | | | Hail(1.00) |
|-----------------|-----------|----------------------------|--|--|----------|----------|--|--|-------------------|

Penny to quarter sized hail fell.

Scattered thunderstorms moved through northern Virginia between the pre-dawn hours and late afternoon. The pre-dawn storm produced cloud to ground lightning which hit a home in Fairfax County. A home on West Boulevard in Mt. Vernon was set ablaze by a lightning strike and the roof and a second story bedroom were damaged. The midday storms produced gusty winds. In Fairfax County, trees were downed onto River Drive near Lorton. The late afternoon storms produced large hail. In Frederick County, golfball sized hail fell 10 miles west of Winchester. Half dollar sized hail was reported in Stephens City. In Clarke County, golfball sized hail was reported near Berrys in a remote location 14 miles northeast of Front Royal. In Warren County, nickel to golfball sized hail fell near Linden. In Fauquier County, penny to quarter sized hail was reported in Bealeton. Quarter sized hail covered the ground one mile northwest of Opal. Nickel to half dollar sized hail fell in Hume.

Augusta County

| | | | | | | | | | |
|-------------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|
| 2 N Moscow | 09 | 1247EST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
|-------------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|

Trees were downed in Mt. Solon.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2003

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons Killed | Number of Persons Injured | Estimated Damage Property | Estimated Damage Crops | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

VIRGINIA, North

Augusta County

| | | | | | | | | | |
|--------------------------------|-----------|----------------------------|----------|------------|----------|----------|--|--|---------------------|
| Verona to Hermitage | 09 | 1255EST 1305EST | 5 | 100 | 0 | 0 | | | Tornado (F0) |
|--------------------------------|-----------|----------------------------|----------|------------|----------|----------|--|--|---------------------|

A weak tornado touched down in Verona and moved southeast before lifting near Hermitage

Augusta County

| | | | | | | | | | |
|-----------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|
| New Hope | 09 | 1310EST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
|-----------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|

Trees were downed.

Albemarle County

| | | | | | | | | | |
|--------------------------|-----------|----------------|--|--|----------|----------|--|--|---------------------|
| 1 NW North Garden | 09 | 1315EST | | | 0 | 0 | | | Funnel Cloud |
|--------------------------|-----------|----------------|--|--|----------|----------|--|--|---------------------|

A funnel cloud was spotted over Route 29.

Albemarle County

| | | | | | | | | | |
|--------------------------------------|-----------|----------------------------|----------|------------|----------|----------|--|--|---------------------|
| Keene to 1 NE Scottsville | 09 | 1320EST 1330EST | 5 | 100 | 0 | 0 | | | Tornado (F0) |
|--------------------------------------|-----------|----------------------------|----------|------------|----------|----------|--|--|---------------------|

A weak tornado touched down near Keene and produced a discontinuous damage path toward the southeast into Fluvanna County

Albemarle County

| | | | | | | | | | |
|--------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|
| Scottsville | 09 | 1320EST | | | 0 | 0 | | | Hail(1.75) |
|--------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|

Golfball sized hail fell.

Albemarle County

| | | | | | | | | | |
|--------------------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|
| Southwest Portion | 09 | 1320EST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
|--------------------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|

A downburst of winds downed trees from Covessville to just south of Scottsville.

Nelson County

| | | | | | | | | | |
|--------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|
| Faber | 09 | 1320EST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
|--------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|

A downburst of winds downed trees in and north of Faber.

A tornadic thunderstorm pushed southeast across Augusta and Albemarle counties during the afternoon of the 9th. The storm left two tornadoes, large hail, and wind damage in its wake. In Augusta County, a tornado touched down in the community of Verona where it downed a 195-foot radio tower onto Mid Valley Lane. Trees were also downed onto a nearby railroad track. The tornado lifted up and down as it pushed southeast toward Hermitage, leaving a discontinuous 50 to 100 yard wide damage path. The F0 twister damaged three barns at the intersection of routes 254 and 608 just northeast of Hermitage. Finally, after 5 miles the tornado lifted for the last time right after downing trees in the community of Hermitage. This same storm produced high winds which downed trees in New Hope and near Mt. Solon. Small hail was also reported near Mt. Solon.

In Albemarle County, a funnel cloud was spotted 3 miles northwest of South Garden along Route 29. This funnel touched down in the community of Keene where it felled trees onto roads, homes, power lines, and railroad tracks. The F0 tornado lifted up and down as it tracked across 5 miles of Albemarle County between Keene and Scottsville. The discontinuous damage path was 50 to 100 yards wide. About 40 large trees were downed onto Route 6 just northeast of Scottsville before the tornado crossed into Fluvanna County. In addition, the storm dropped large hail along the path of the tornado. Golfball sized hail pounded cars at the intersection of routes 6 and 20 in Scottsville. Marble sized hail was reported in Keene. This storm also produced a downburst of high winds over a large area of southwest Albemarle County south of the tornado's path. Trees were downed inside a 3 to 5 mile wide swath stretching from Covessville to just south of Scottsville. Downed trees were reported on the following highways: 6, 29, 626, 627, and 715. A tree was also downed onto a home in the Esmont area. Marble sized hail was reported in Covessville. In Nelson County, this same downburst knocked over trees just north of Faber along Route 6.

Augusta County

| | | | | | | | | | |
|---------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|
| Fishersville | 10 | 0630EST | | | 0 | 0 | | | Hail(0.75) |
|---------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|

Penny sized hail fell.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2003

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons Killed | Injured | Estimated Damage Property | Crops | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------|---------------------------------|-------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------|---------------------------------|-------|--------------------|

VIRGINIA, North

Nelson County

| | | | | | | | | | |
|-----------|----|---------|--|--|---|---|-------|--|--------------------------|
| Lovington | 10 | 0655EST | | | 0 | 0 | 0.50K | | Thunderstorm Wind (EG50) |
|-----------|----|---------|--|--|---|---|-------|--|--------------------------|

Trees were downed.

Albemarle County

| | | | | | | | | | |
|-------------|----|---------|--|--|---|---|-------|--|--------------------------|
| Coveseville | 10 | 0700EST | | | 0 | 0 | 0.50K | | Thunderstorm Wind (EG50) |
|-------------|----|---------|--|--|---|---|-------|--|--------------------------|

Trees were downed.

Thunderstorms with hail and high winds moved through the West Central Virginia during the morning of the 10th. In Augusta County, penny sized hail fell in Fishersville. In Nelson County, trees were downed in Lovington. In Albemarle County, trees were downed in Coveseville.

VAZ021

Highland

| | | | | | | | | | |
|----|--|--------------------|--|--|---|---|----|--|--------------------|
| 11 | | 0800EST 2300EST | | | 0 | 0 | 3K | | Strong Wind (EG48) |
|----|--|--------------------|--|--|---|---|----|--|--------------------|

Southerly winds from a low level jet estimated up to 55 MPH downed a handful of trees on the 11th. Three trees were downed in the city of Monterey and one tree was downed near Forks of the Water.

Fauquier County

| | | | | | | | | | |
|----------|----|---------|--|--|---|---|--|--|------------|
| Bealeton | 15 | 1450EST | | | 0 | 0 | | | Hail(1.75) |
|----------|----|---------|--|--|---|---|--|--|------------|

Golfball sized hail was reported.

Prince William County

| | | | | | | | | | |
|-----------|----|---------|--|--|---|---|----|--|--------------------------|
| Greenwich | 15 | 1543EST | | | 0 | 0 | 1K | | Thunderstorm Wind (EG50) |
|-----------|----|---------|--|--|---|---|----|--|--------------------------|

Trees were downed.

VAZ041>042-042-052>053-055

Fauquier - Loudoun - Prince William - Fairfax - Stafford

| | | | | | | | | | |
|----|--|---------|--|--|---|---|--|--|-------|
| 15 | | 2047EST | | | 0 | 0 | | | Flood |
| 17 | | 0445EST | | | | | | | |

A large area of showers and thunderstorms containing heavy downpours moved through the region between the afternoon of the 15th and the morning of the 16th. The system dropped between 2 and 4 inches of rain across the western Washington D.C. suburbs which caused several low lying areas to flood. In some areas it took over 8 hours for the water to recede after the rain came to an end. One storm that moved through Fauquier and Prince William counties during the afternoon of the 15th also produced high winds and large hail. In Loudoun County, several secondary roads were flooded, including Lawson Road in Leesburg. Water also flowed over portions of Route 7. Route 50 was closed for a time by Aldie after water inundated the road. Goose Creek rose above its 12 foot bankful level at 10:45 AM on the 16th. It crested at 16.45 feet at 9:30 PM and fell below bankful stage at 5:45 AM on the 17th. The creek overflowed onto Watson Road near Evergreen Mills Road and across several other low lying areas along its banks. Numerous other small creeks and streams overflowed their banks. In Fauquier County, golfball sized hail fell in Bealton. Flooding closed several roads between Bealton and Midland. In Stafford County, officials reported a couple of road closures due to flooding. In Fairfax County, Bull Run overflowed onto Bull Run Post Office Road (Route 621) west of Centreville. Several roads were underwater in Reston. In Prince William County, trees were downed by high winds in Greenwich. Numerous roads were closed across the county, especially in the Haymarket area.

WEST VIRGINIA, East

Hardy County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|------------|
| Countywide | 07 | 1400EST 1500EST | | | 0 | 0 | | | Heavy Rain |
|------------|----|--------------------|--|--|---|---|--|--|------------|

A thunderstorm with very heavy downpours moved through the county during the afternoon of the 7th. Two inches of rainfall was recorded in Lost River in only 15 minutes.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2003

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons Killed | Number of Persons Injured | Estimated Damage Property | Estimated Damage Crops | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

WEST VIRGINIA, East

Pendleton County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|------------|
| Countywide | 10 | 0500EST 0900EST | | | 0 | 0 | | | Heavy Rain |
|------------|----|--------------------|--|--|---|---|--|--|------------|

Hardy County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|-------------|
| Countywide | 10 | 0740EST 0840EST | | | 0 | 0 | | | Flash Flood |
|------------|----|--------------------|--|--|---|---|--|--|-------------|

Roads were flooded in Moorefield.

Hampshire County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|-------------|
| Countywide | 10 | 1000EST 1200EST | | | 0 | 0 | | | Flash Flood |
|------------|----|--------------------|--|--|---|---|--|--|-------------|

Roads were flooded.

Hardy County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|-------------|
| Countywide | 10 | 1400EST 1500EST | | | 0 | 0 | | | Flash Flood |
|------------|----|--------------------|--|--|---|---|--|--|-------------|

Roads were flooded in Baker.

Thunderstorms with heavy rainfall moved across Hardy, Pendleton, and Hampshire counties during the morning and early afternoon of the 10th. Two inches of rain was recorded at Sugar Grove in Pendleton County. Shoulders washed out on Snowy, Wimer, and Jack mountains. In Hardy County, water was reported on roads due to backed up storm drains in Moorefield. Flooding was also reported in Baker on Route 55. Creeks rose significantly nearby due to the heavy downpours. Minor flooding was reported on routes 50, 3, and 8 in Hampshire County.

WVZ050-053

Hampshire - Jefferson

| | | | | | | | | | |
|--|----|---------|--|--|---|---|--|--|-------|
| | 11 | 0715EST | | | 0 | 0 | | | Flood |
| | 12 | 1300EST | | | | | | | |

Up to 2 inches of rainfall on the 10th pushed the Potomac River just over flood stage. On the South Branch of the Potomac River, the gauge at Springfield reached its flood stage of 15 feet at 8:15 AM on the 11th. The river crested at 15.95 feet at 3 PM and dropped below flood stage at 8:45 PM. Water inundated Milleston Mills and Maple Landing roads and nearby meadowland. In Pendleton County, the North Fork of the South Branch of the Potomac River spilled onto a field near Circleville on the 11th. On the mainstem of the Potomac River, the gauge at Shepherdstown reached its flood stage of 15 feet at 6 PM on the 11th. The river crested at 15.5 feet at 2 AM on the 12th and dropped below flood stage at 2 PM. Water overflowed into low lying areas just downstream of Shepherdstown, including River Road.

WVZ054

Pendleton

| | | | | | | | | | |
|--|----|--------------------|--|--|---|---|----|--|--------------------|
| | 11 | 0800EST 2300EST | | | 0 | 0 | 5K | | Strong Wind (EG48) |
|--|----|--------------------|--|--|---|---|----|--|--------------------|

Southerly winds from a low level jet estimated up to 55 MPH downed several trees on the 11th. Road crews had to remove trees and limbs off routes 21, 33, and 220.

Morgan County

| | | | | | | | | | |
|------------|----------|--------------------|--|--|---|---|--|--|------------|
| Countywide | 15 16 | 1500EST 0800EST | | | 0 | 0 | | | Heavy Rain |
|------------|----------|--------------------|--|--|---|---|--|--|------------|

WVZ052-052>053

Berkeley - Jefferson

| | | | | | | | | | |
|--|----|---------|--|--|---|---|--|--|-------|
| | 16 | 0900EST | | | 0 | 0 | | | Flood |
| | 17 | 0445EST | | | | | | | |

A large area of showers and thunderstorms containing heavy downpours moved through the region between the afternoon of the 15th and the morning of the 16th. The system dropped between 1.5 and 3 inches of rain across the extreme northeast portion of the Eastern Panhandle, resulting in minor flooding. In Berkeley County, several roads were closed including Douglas Grove Road, Allensville Road, Henshaw road, and Baxter Road. Homes in Sycamore Village were also flooded. The Monocacy River at Martinsburg rose above its flood stage of 10 feet at 12:15 PM on the 16th. It crested at 12.0 feet at 10 PM then fell below flood stage at 5:45 AM on the 17th. In Jefferson County, Route 230 was closed by high water. Roads were also flooded in the Ranson and Millville areas. In addition, flooding was reported along Route 340 near the confluence of the Shenandoah and Potomac rivers near Harpers Ferry.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2003

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons | | Estimated Damage | | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|----------------------|---------|---------------------|-------|--------------------|
| | | | | | Killed | Injured | Property | Crops | |

WEST VIRGINIA, East

Morgan County

Countywide

| | | | | | | | | | |
|----|--------------------|--|--|--|---|---|--|--|--------------------|
| 31 | 1330EST 1430EST | | | | 0 | 0 | | | Flash Flood |
|----|--------------------|--|--|--|---|---|--|--|--------------------|

Flooding was reported on 4 highways.

A thunderstorm with heavy rainfall moved across Morgan county during the afternoon of the 31st. Near Berkeley Springs, flooding was reported on routes 9, 13, 55, and 522.