



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2003

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

ATLANTIC NORTH

| | | | | | | | | |
|--|--|---------|--|--|---|---|--|-------------------------|
| ANZ535 | Tidal Potomac Key Bridge To Indian Hd Md | | | | | | | |
| Rnld Reagan Natl Arpt | 11 | 2000EST | | | 0 | 0 | | Marine Tstm Wind (MG35) |
| ANZ531 | Chesapeake Bay Pooles Is To Sandy Pt Md | | | | | | | |
| 12 NW Riviera Beach to 12 N Riviera Beach | 11 | 2040EST | | | 0 | 0 | | Marine Tstm Wind (MG36) |
| ANZ531 | Chesapeake Bay Pooles Is To Sandy Pt Md | | | | | | | |
| 2 NE Riviera Beach | 11 | 2045EST | | | 0 | 0 | | Marine Tstm Wind (MG36) |
| ANZ531 | Chesapeake Bay Pooles Is To Sandy Pt Md | | | | | | | |
| Tolchester Beach | 11 | 2112EST | | | 0 | 0 | | Marine Tstm Wind (MG35) |
| ANZ532 | Chesapeake Bay Sandy Pt To N Beach Md | | | | | | | |
| 9 E Annapolis | 11 | 2135EST | | | 0 | 0 | | Waterspout |
| ANZ535 | Tidal Potomac Key Bridge To Indian Hd Md | | | | | | | |
| Rnld Reagan Natl Arpt | 12 | 1655EST | | | 0 | 0 | | Marine Tstm Wind (MG36) |
| ANZ532 | Chesapeake Bay Sandy Pt To N Beach Md | | | | | | | |
| 4 SE Annapolis | 12 | 1710EST | | | 0 | 0 | | Marine Tstm Wind (MG38) |
| ANZ532 | Chesapeake Bay Sandy Pt To N Beach Md | | | | | | | |
| Annapolis | 12 | 1730EST | | | 0 | 0 | | Marine Tstm Wind (MG36) |
| ANZ531 | Chesapeake Bay Pooles Is To Sandy Pt Md | | | | | | | |
| Tolchester Beach | 12 | 1748EST | | | 0 | 0 | | Marine Tstm Wind (MG39) |
| ANZ535 | Tidal Potomac Key Bridge To Indian Hd Md | | | | | | | |
| Woodbridge | 14 | 1400EST | | | 0 | 0 | | Marine Tstm Wind (MG40) |
| ANZ532 | Chesapeake Bay Sandy Pt To N Beach Md | | | | | | | |
| 4 SE Annapolis | 14 | 1600EST | | | 0 | 0 | | Marine Tstm Wind (MG36) |
| ANZ537 | Tidal Potomac Cobb Is Md To Smith Pt Va | | | | | | | |
| 7 NW Coltons Pt | 14 | 1600EST | | | 0 | 0 | | Marine Tstm Wind (MG50) |
| ANZ536 | Tidal Potomac Indian Hd To Cobb Is Md | | | | | | | |
| Cobb Island | 14 | 1600EST | | | 0 | 0 | | Marine Tstm Wind (MG50) |
| ANZ535 | Tidal Potomac Key Bridge To Indian Hd Md | | | | | | | |
| 2 NE Woodbridge | 27 | 1404EST | | | 0 | 0 | | Marine Tstm Wind (MG47) |
| ANZ532 | Chesapeake Bay Sandy Pt To N Beach Md | | | | | | | |
| 5 SE Annapolis | 27 | 1512EST | | | 0 | 0 | | Marine Tstm Wind (MG56) |
| ANZ533 | Chesapeake Bay N Beach To Drum Pt Md | | | | | | | |
| 20 E Plum Pt | 27 | 1515EST | | | 0 | 0 | | Marine Tstm Wind (MG42) |

DISTRICT OF COLUMBIA

| | | | | | | | | |
|--------|----------------------|--------------------|--|--|---|---|--|--------------------|
| DCZ001 | District Of Columbia | | | | | | | |
| | 01 | 0400EST 1300EST | | | 0 | 4 | | Strong Wind (MG43) |

A strong cold front moved through the region during the early morning hours of the 1st. After the front passed, winds gusted up to 55 MPH through early afternoon. The gusty winds downed trees region wide because the ground was saturated from recent heavy rains. Measured wind gusts included 50 MPH at Children's Hospital and 46 MPH at Washington Reagan National Airport. On Independence Avenue near the Tidal Basin, a large tree branch was downed onto a car. Four people inside the vehicle were injured.

| | | | | | | | | |
|----------------------|----|--------------------|--|--|---|---|--|------------|
| District Of Columbia | | | | | | | | |
| Countywide | 07 | 0600EST 1100EST | | | 0 | 2 | | Heavy Rain |

Showers and thunderstorms with heavy rainfall moved across the District during the morning of the 7th. Rainfall totals ranged from 2.25 inches in Northwest to 1.5 inches in Southeast. Saturated soil was blamed for downing a tree onto a car in Loughboro Road in



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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 |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

DISTRICT OF COLUMBIA

Northwest. Two people in the car were injured when the Oak tree toppled onto the vehicle.

**District Of Columbia
Countywide**

| | | | | | | | | | |
|-----------|----------------------------|--|--|--|----------|----------|--|--|---------------------------------|
| 11 | 2005EST 2010EST | | | | 0 | 0 | | | Thunderstorm Wind (MG58) |
|-----------|----------------------------|--|--|--|----------|----------|--|--|---------------------------------|

A wind gust of 67 MPH downed trees.

A thunderstorm with high winds moved through the District around 9 PM on the 11th. A wind gust of 67 MPH was recorded at Children's Hospital. A gust of 51 MH was recorded at Adams Elementary School. A large tree was downed onto a moving car at the intersection of Massachusetts Avenue near California Street NW. Two people in the car escaped unharmed. A large Oak tree was also blown down at the corner of V and 11th streets NW. A portion of Piney Branch Parkway was closed in Rock Creek Park after a tree fell across the road.

**District Of Columbia
Southeast Portion**

| | | | | | | | | | |
|-----------|----------------------------|--|--|--|----------|----------|-------------|--|---------------------------------|
| 12 | 1648EST 1650EST | | | | 0 | 4 | 600K | | Thunderstorm Wind (MG66) |
|-----------|----------------------------|--|--|--|----------|----------|-------------|--|---------------------------------|

Winds up to 76 MPH damaged several buildings, and downed numerous trees and power lines. Four people were injured

**District Of Columbia
Countywide**

| | | | | | | | | | |
|-----------|----------------------------|--|--|--|----------|----------|--|--|--------------------|
| 12 | 1700EST 1800EST | | | | 0 | 0 | | | Flash Flood |
|-----------|----------------------------|--|--|--|----------|----------|--|--|--------------------|

Roads and basements were flooded.

A thunderstorm with very heavy downpours and high winds moved through the District between 5:30 and 6:30 PM on the 12th. The hardest hit area was in the eastern portion of the city where a downburst of wind measured at 76 MPH damaged several structures and downed power lines and an estimated 800 trees. Nearly 18,000 customers in D.C. lost power as a direct result of the storm. The 76 MPH wind gust was recorded at Johnson Junior High School and a wind gust of 63 MPH was recorded at Charles Hart Middle School. An apartment complex on Morris Road SE sustained significant roof and window damage. Two people were injured and 25 people were displaced by the debris. A downed power line nearby caught three cars on fire. On Alabama Avenue SE, trees were felled onto houses. On Suitland Parkway and Staunton Road SE, a tree fell on a deck and trees blocked the road. At Seventh Street and Raleigh Place SE, a tree was felled onto a 2-story home and an elderly couple was trapped inside. On Jay Street NE, an apartment building roof and windows were damaged and several trees were downed. A 2 month old baby and a woman were injured. A total of 46 families were displaced by the damage. Very heavy downpours also caused Rhode Island Avenue to be closed by high water. In addition, power outages caused three pumping stations to shut down, leading to basement flooding in Northeast.

DCZ001

District Of Columbia

| | | | | | | | | | |
|-----------|----------------------------|--|--|--|----------|----------|--|--|--------------|
| 20 | 1410EST 1510EST | | | | 0 | 0 | | | Flood |
|-----------|----------------------------|--|--|--|----------|----------|--|--|--------------|

Rock Creek overflowed its banks.

Heavy rainfall across Montgomery County caused a large amount of runoff into Rock Creek. The creek overflowed and the extra water washed downstream into low lying areas of Rock Creek Park in Washington D.C. The park had to be closed for a few hours until the water receded. In addition, the intersection of Independence Avenue and 17th Street was flooded by runoff. Saturated soil also allowed a tree to fall onto parked cars on Fourth Street in Southeast.

**District Of Columbia
Countywide**

| | | | | | | | | | |
|-----------|----------------------------|--|--|--|----------|----------|--|--|-------------------|
| 30 | 2300EST 2359EST | | | | 0 | 0 | | | Heavy Rain |
|-----------|----------------------------|--|--|--|----------|----------|--|--|-------------------|

**District Of Columbia
Countywide**

| | | | | | | | | | |
|-----------|----------------|--|--|--|----------|----------|--|--|---------------------------------|
| 30 | 2325EST | | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
|-----------|----------------|--|--|--|----------|----------|--|--|---------------------------------|

Three trees were downed in Northwest.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2003

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

DISTRICT OF COLUMBIA

A thunderstorm with high winds moved through the District just after midnight on the 1st of July (between 11 PM and midnight on the 30th of June in Eastern Standard Time). Three trees were downed by the storm in Northwest. A wind gust of 40 MPH was recorded at Children's Hospital and a gust of 41 MPH was recorded at Washington Reagan National Airport. A spotter in Northwest near the Montgomery County border recorded 2.4 inches of rain during the storm. Pea sized hail also fell.

MARYLAND, Central

MDZ003>007-009>011-013>014-016>018 **Washington - Frederick - Carroll - Northern Baltimore - Harford - Montgomery - Howard - Southern Baltimore - Prince Georges - Anne Arundel - Charles - St. Mary'S - Calvert**

| | | | | | | | |
|----|--------------------|--|--|---|---|------|--------------------|
| 01 | 0400EST 1300EST | | | 0 | 0 | 6.5K | Strong Wind (MG37) |
|----|--------------------|--|--|---|---|------|--------------------|

A strong cold front moved through the region during the early morning hours of the 1st. After the front passed, winds gusted up to 50 MPH through early afternoon. The gusty winds downed a number of trees region wide because the ground was saturated from recent heavy rains. Measured wind gusts included 43 MPH at Frederick, 42 MPH at Annapolis, 41 MPH at Waldorf, and 40 MPH at Martin State Airport near Baltimore. In Montgomery County, several tree branches were downed. A large tree fell onto a house in Aspen Hill. Another large tree significantly damaged a home in Bethesda. In Baltimore, a large tree was downed onto a parked car on Lake Avenue.

Frederick County

Countywide

| | | | | | | | |
|----|--------------------|--|--|---|---|--|-------------|
| 03 | 1945EST 2100EST | | | 0 | 0 | | Flash Flood |
|----|--------------------|--|--|---|---|--|-------------|

Many roads were flooded.

Washington County

Countywide

| | | | | | | | |
|----|--------------------|--|--|---|---|--|-------------|
| 03 | 1945EST 2200EST | | | 0 | 0 | | Flash Flood |
|----|--------------------|--|--|---|---|--|-------------|

Many roads were flooded and a water rescue was required.

MDZ003>004

Washington - Frederick

| | | | | | | | |
|----|---------|--|--|---|---|--|-------|
| 03 | 2100EST | | | 0 | 0 | | Flood |
| 06 | 0400EST | | | | | | |

Thunderstorms with very heavy rainfall moved through North Central Maryland during the evening of the 3rd. Several creeks and streams flooded and a number of roads were inundated by water after 2 to 4 inches of rain fell in just a few hours. In Washington County, six roads were closed by flooding in the Hagerstown and Leitersburg areas. They included Battletown Road, Cress Pond Road, Broadfording Road, Misty Meadow Road, and Lehman's Mill Road. One person had to be rescued after their car was caught in floodwaters on Battletown Road. Flooded basements were also reported in a few communities. Conococheague Creek rose above its bankful stage of 8 feet at Fairview around 8:30 PM on the 3rd. It crested at 14.1 feet at 11:45 AM on the 4th and fell below bankful stage at 5 AM on the 6th. The river spilled over onto Wishard Road and nearby low lying areas around Fairview. In Frederick County, at least eight roads were closed by flooding in the northern portion of the county.

Anne Arundel County

Countywide

| | | | | | | | |
|----|--------------------|--|--|---|---|--|------------|
| 07 | 0600EST 1500EST | | | 0 | 0 | | Heavy Rain |
|----|--------------------|--|--|---|---|--|------------|

Prince George'S County

Countywide

| | | | | | | | |
|----|--------------------|--|--|---|---|--|------------|
| 07 | 0600EST 1500EST | | | 0 | 0 | | Heavy Rain |
|----|--------------------|--|--|---|---|--|------------|

St. Mary'S County

Countywide

| | | | | | | | |
|----|--------------------|--|--|---|---|--|------------|
| 07 | 0600EST 1500EST | | | 0 | 0 | | Heavy Rain |
|----|--------------------|--|--|---|---|--|------------|

Montgomery County

Countywide

| | | | | | | | |
|----|--------------------|--|--|---|---|--|-------------|
| 07 | 0800EST 1500EST | | | 0 | 0 | | Flash Flood |
|----|--------------------|--|--|---|---|--|-------------|



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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

Howard County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|-------------|
| Countywide | 07 | 0900EST 1200EST | | | 0 | 0 | | | Flash Flood |
|------------|----|--------------------|--|--|---|---|--|--|-------------|

Frederick County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|-------------|
| Countywide | 07 | 0930EST 1500EST | | | 0 | 0 | | | Flash Flood |
|------------|----|--------------------|--|--|---|---|--|--|-------------|

MDZ003>004

Washington - Frederick

| | | | | | | | | | |
|--|----|---------|--|--|---|---|--|--|-------|
| | 07 | 1245EST | | | 0 | 0 | | | Flood |
|--|----|---------|--|--|---|---|--|--|-------|

The Conococheague Creek overflowed its banks

Harford County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|-------------|
| Countywide | 07 | 1530EST 1730EST | | | 0 | 0 | | | Flash Flood |
|------------|----|--------------------|--|--|---|---|--|--|-------------|

Showers and thunderstorms with very heavy rainfall moved through central Maryland between mid morning and mid afternoon. Two to three inches of rain accumulated during this time causing roads and waterways to flood. In Washington County, At Fairview, Conococheague Creek rose above its bankful stage of 8 feet at 11:45 AM on the 7th. It crested at 11 feet at 12:45 AM on the 8th and fell below bankful stage at 8:45 AM on the 9th. Much of Wishard Road was flooded along the river. In Frederick County, At Frederick, the Monocacy River rose above its flood stage of 15 feet at 8 AM on the 8th. It crested at 15.1 feet at 10 AM and fell below flood stage at 11:30 AM. Water inundated the sewage treatment plant in Frederick. Carroll Creek, a tributary of the Monocacy River, overflowed onto Gas House Pike. Heavy rainfall caused street flooding in Libertytown. Sixteen other county roads were closed by flooding countywide. In Montgomery County, street flooding was reported in Chevy Chase. Rockville Pike (Route 355) between Rockville and Bethesda was also flooded. In Kensington, Beach Drive was closed by high water between Connecticut Avenue and Stoneybrooke Drive. In Germantown, Great Seneca Creek flooded the intersection of Brink and Blunt roads. Twenty other county roads were also flooded. In Howard County, Furnace Avenue and South Entrance Road were closed by high water. In the western portion of the county five additional roads were flooded including Carrs Mill Road, Warfield Road, and Route 108 near Columbia. In Harford County, the intersection of routes 136 and 7 in Belcamp was flooded. Several basements were flooded in the vicinity. In Prince George's County, Route 50 was flooded near the exit for Route 301 after a storm drain was unable to keep up with the heavy downpours. In addition, all of the floodgates had to be opened at the T. Howard Duckett Dam along the Patuxent River when the waterway flooded. A 120-unit apartment building complex in Laurel was voluntarily evacuated because the open floodgates threatened to flood the access road to the complex.

Montgomery County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|-----------|
| Countywide | 11 | 1915EST 2015EST | | | 0 | 0 | | | Lightning |
|------------|----|--------------------|--|--|---|---|--|--|-----------|

Several homes caught fire after being struck by lightning.

Montgomery County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|----|--|--------------------------|
| Countywide | 11 | 1945EST 2015EST | | | 0 | 0 | 2K | | Thunderstorm Wind (EG50) |
|------------|----|--------------------|--|--|---|---|----|--|--------------------------|

Many trees and wires were downed.

Howard County

| | | | | | | | | | |
|------------|----|---------|--|--|---|---|----|--|--------------------------|
| Countywide | 11 | 2030EST | | | 0 | 0 | 2K | | Thunderstorm Wind (EG50) |
|------------|----|---------|--|--|---|---|----|--|--------------------------|

Trees and wires were downed in Columbia and Ellicott City.

Prince George'S County

| | | | | | | | | | |
|-------------|----|---------|--|--|---|---|-------|--|--------------------------|
| Hyattsville | 11 | 2030EST | | | 0 | 0 | 0.10K | | Thunderstorm Wind (EG50) |
|-------------|----|---------|--|--|---|---|-------|--|--------------------------|

Trees and wires were downed.

Charles County

| | | | | | | | | | |
|----------|----|---------|--|--|---|---|-------|--|--------------------------|
| La Plata | 11 | 2045EST | | | 0 | 0 | 0.50K | | Thunderstorm Wind (EG50) |
|----------|----|---------|--|--|---|---|-------|--|--------------------------|

Trees were downed just south of town.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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

| | | | | | | | | | |
|---------------------------|-----------|----------------|--|--|----------|----------|--------------|--|---------------------------------|
| 3 W Mechanicsville | 11 | 2100EST | | | 0 | 0 | 0.50K | | Thunderstorm Wind (EG50) |
|---------------------------|-----------|----------------|--|--|----------|----------|--------------|--|---------------------------------|

Trees were downed onto Route 236.

Calvert County

| | | | | | | | | | |
|--------------------|-----------|----------------|--|--|----------|----------|--------------|--|---------------------------------|
| Huntingtown | 11 | 2135EST | | | 0 | 0 | 0.50K | | Thunderstorm Wind (EG50) |
|--------------------|-----------|----------------|--|--|----------|----------|--------------|--|---------------------------------|

A tree was downed.

Thunderstorms with high winds and frequent lightning moved through Central and Southern Maryland during the evening of the 11th. In Montgomery County, trees and wires were downed in several locations. In addition, a handful of homes caught fire after being hit by lightning in Rockville, Germantown, and Takoma Park. In Howard County, trees were downed in Columbia and Ellicott City. In Prince George's County, trees and wires were downed in Hyattsville. In Calvert County, a few trees were downed in Huntingtown. A house on Coring Drive in Huntingtown was struck by lightning. In Charles County, trees were downed south of La Plata. In St. Mary's County, trees were downed onto Route 236 three miles west of Mechanicsville.

St. Mary'S County

| | | | | | | | | | |
|-------------------|-----------|----------------------------|--|--|----------|----------|-----------|--|---------------------------------|
| Countywide | 12 | 1620EST 1630EST | | | 0 | 0 | 2K | | Thunderstorm Wind (EG50) |
|-------------------|-----------|----------------------------|--|--|----------|----------|-----------|--|---------------------------------|

Trees were downed, including one which fell onto a house.

Frederick County

| | | | | | | | | | |
|-------------------|-----------|----------------------------|--|--|----------|----------|-----------|--|---------------------------------|
| Countywide | 12 | 1625EST 1645EST | | | 0 | 0 | 1K | | Thunderstorm Wind (EG50) |
|-------------------|-----------|----------------------------|--|--|----------|----------|-----------|--|---------------------------------|

Trees and wires were downed.

Montgomery County

| | | | | | | | | | |
|------------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|
| Rockville | 12 | 1625EST | | | 0 | 0 | 1K | | Thunderstorm Wind (EG50) |
|------------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|

Trees were downed onto Sleepy Hollow Lane.

Charles County

| | | | | | | | | | |
|-----------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|
| La Plata | 12 | 1630EST | | | 0 | 0 | 2K | | Thunderstorm Wind (EG50) |
|-----------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|

Many trees were downed south of town.

Prince George'S County

| | | | | | | | | | |
|--------------------------------------|-----------|----------------------------|--|--|----------|----------|--|--|------------------|
| Countywide to Palmer Park | 12 | 1630EST 1730EST | | | 0 | 0 | | | Lightning |
|--------------------------------------|-----------|----------------------------|--|--|----------|----------|--|--|------------------|

Several homes and a commercial structure were struck by lightning and two serious fires resulted.

Montgomery County

| | | | | | | | | | |
|-------------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|
| Silver Spg | 12 | 1635EST | | | 0 | 0 | 1K | | Thunderstorm Wind (EG50) |
|-------------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|

Trees were downed onto Shannondale Drive and Pretoria Drive.

Anne Arundel County

| | | | | | | | | | |
|-------------------|-----------|----------------------------|--|--|----------|----------|--|--|-------------------|
| Countywide | 12 | 1700EST 1900EST | | | 0 | 0 | | | Heavy Rain |
|-------------------|-----------|----------------------------|--|--|----------|----------|--|--|-------------------|

Anne Arundel County

| | | | | | | | | | |
|-------------------|-----------|----------------------------|--|--|----------|----------|--|--|------------------|
| Countywide | 12 | 1700EST 1800EST | | | 0 | 0 | | | Lightning |
|-------------------|-----------|----------------------------|--|--|----------|----------|--|--|------------------|

Five homes were struck by lightning.

Baltimore County

| | | | | | | | | | |
|-------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|
| Countywide | 12 | 1700EST 1930EST | | | 0 | 0 | | | Flash Flood |
|-------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|

A stream overflowed its banks and roads and basements were flooded.

Baltimore City (C)

| | | | | | | | | | |
|------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|
| Baltimore | 12 | 1700EST 1930EST | | | 0 | 0 | | | Flash Flood |
|------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|

Six roads were flooded.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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

Prince George'S County

| | | | | | | | | | |
|--------------------|----|---------|--|--|---|---|--|--|---------------------------------|
| Andrews Afb | 12 | 1700EST | | | 0 | 0 | | | Thunderstorm Wind (MG72) |
|--------------------|----|---------|--|--|---|---|--|--|---------------------------------|

A wind gust of 83 MPH was recorded. The time was estimated.

Prince George'S County

| | | | | | | | | | |
|-------------------|----|--------------------|--|--|---|---|--|--|--------------------|
| Countywide | 12 | 1700EST 1900EST | | | 0 | 0 | | | Flash Flood |
|-------------------|----|--------------------|--|--|---|---|--|--|--------------------|

Roads were flooded and several water rescues were conducted

Anne Arundel County

| | | | | | | | | | |
|----------------------|----|--------------------|--|--|---|---|----|--|---------------------------------|
| North Portion | 12 | 1715EST 1730EST | | | 0 | 0 | 2K | | Thunderstorm Wind (EG50) |
|----------------------|----|--------------------|--|--|---|---|----|--|---------------------------------|

Trees and power lines were downed.

Prince George'S County

| | | | | | | | | | |
|------------------|----|---------|--|--|---|---|----|--|---------------------------------|
| Greenbelt | 12 | 1715EST | | | 0 | 0 | 1K | | Thunderstorm Wind (EG50) |
|------------------|----|---------|--|--|---|---|----|--|---------------------------------|

Trees were downed onto the Baltimore-Washington Parkway near the intersection of Route 410.

Carroll County

| | | | | | | | | | |
|-------------------|----|--------------------|--|--|---|---|--|--|--------------------|
| Countywide | 12 | 1800EST 1915EST | | | 0 | 0 | | | Flash Flood |
|-------------------|----|--------------------|--|--|---|---|--|--|--------------------|

A stream overflowed its banks in Westminster.

Carroll County

| | | | | | | | | | |
|-------------------|----|--------------------|--|--|---|---|--|--|--------------------|
| Countywide | 12 | 1800EST 1900EST | | | 0 | 0 | | | Flash Flood |
|-------------------|----|--------------------|--|--|---|---|--|--|--------------------|

A county road was flooded.

Frederick County

| | | | | | | | | | |
|-------------------|----|---------|--|--|---|---|--|--|------------------|
| Countywide | 12 | 1800EST | | | 0 | 0 | | | Lightning |
|-------------------|----|---------|--|--|---|---|--|--|------------------|

Two homes were struck by lightning.

Harford County

| | | | | | | | | | |
|-------------------|----|--------------------|--|--|---|---|--|--|-------------------|
| Countywide | 12 | 1800EST 2200EST | | | 0 | 0 | | | Heavy Rain |
|-------------------|----|--------------------|--|--|---|---|--|--|-------------------|

Montgomery County

| | | | | | | | | | |
|-------------------|----|--------------------|--|--|---|---|--|--|--------------------|
| Countywide | 12 | 2015EST 2115EST | | | 0 | 0 | | | Flash Flood |
|-------------------|----|--------------------|--|--|---|---|--|--|--------------------|

Several roads were flooded.

Thunderstorms with very heavy rainfall, frequent lightning, and damaging winds moved through central Maryland during the afternoon and evening of the 12th. Several locations reported downed trees and power lines in addition to flooding. In Frederick County, trees and wires were downed in Urbana and Green Valley. Up to 40 trees were downed in New Market, including some which had to be cleared from roads. A tree fell onto a house on Lewisdale Road in Hyattstown. A home in New Midway and in New Market were struck by lightning. In Carroll County, a county road was inundated with water. A stream that runs through Wakefield Valley Golf Course in Westminster overflowed onto low lying areas. In Baltimore County, a stream overflowed its banks and a road and several basements were flooded in Towson. An observer in Towson recorded 2.52 inches of rain and two inches of this total fell in 45 minutes. Five roads were flooded in Parkville. In Baltimore, six roads were flooded. In addition, pea sized hail fell in Towson and Baltimore. An observer in Kingsville recorded 1.8 inches of rain in 2 hours. In Harford County, 2.06 inches of rain was recorded in Fallston. A handful of basements were flooded. Hail of unknown size also fell.

In Montgomery County, trees were downed onto Sleepy Hollow Lane in Rockville. Trees were also downed onto Shannondale Drive and Pretoria Drive in Silver Spring and in the communities of Brookeville and Laytonsville. A wind gust of 60 MPH was reported in Germantown. Route 355 in Gaithersburg was closed by high water. A low water bridge on Hyattstown Road near Prescott Road was underwater. Little Seneca Creek overflowed its banks, reaching a stage of 8.1 feet at Dawsonville around 9 PM. Flood stage at this location is 8 feet. Goshen Branch near Damascus also flooded. A handful of motorists were caught in rising water and had to be rescued by emergency personnel. Rescuers also rescued a dog that was caught on a rock in the raging Potomac River near Old Angler's Inn. In addition, a few homes were struck by lightning. A 30 vehicle pileup on Interstate 270 near Montrose Road was also blamed on the storm. In Anne Arundel County, trees and power lines were downed in Riviera Beach, Annapolis, Arnold and Cape St. Claire. Some roads were blocked and four homes were slightly damaged by the fallen trees. Large trees and power lines were also downed along College Parkway and Alameda Parkway. A wind gust of 43 MPH was recorded in Shadyside and a gust of 41 MPH was recorded in Annapolis. Lightning struck five houses in a few trees across the county. In Prince George's County, a wind gust of 83 MPH was recorded at Andrews Air Force Base. A gust of 49 MPH was recorded in Bladensburg and a gust of 42 MPH



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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

was recorded in Landover. Trees were downed onto the Baltimore-Washington Parkway near the intersection of Route 410 in Greenbelt. The intersection of Route 450 and Greenvale Parkway was flooded in Landover Hills. In Mt. Rainer, Queens Chapel Road and other low lying areas were flooded. Fire fighters had to rescue several drivers from their cars countywide. Countywide, several homes and a commercial structure were struck by lightning and two serious fires were reported. In Charles County, many trees were downed south of La Plata. A wind gust of 41 MPH was recorded in Waldorf. In St. Mary's County, trees were downed in Thompson's Corner, Compton, Chaptico, Country Lakes, and Mechanicsville. A home in Compton was damaged by a felled tree.

Montgomery County

| | | | | | | | | | |
|-------------------|----|---------|--|--|---|---|--|--|---------------------------------|
| Germantown | 13 | 1635EST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
|-------------------|----|---------|--|--|---|---|--|--|---------------------------------|

A 60 MPH wind gust was estimated.

Montgomery County

| | | | | | | | | | |
|------------------------------------|----|---------|--|--|---|---|----|--|---------------------------------|
| Brookeville to Laytonsville | 13 | 1750EST | | | 0 | 0 | 1K | | Thunderstorm Wind (EG50) |
|------------------------------------|----|---------|--|--|---|---|----|--|---------------------------------|

Trees were downed.

Howard County

| | | | | | | | | | |
|-----------------|----|---------|--|--|---|---|----|--|---------------------------------|
| Glenwood | 13 | 1800EST | | | 0 | 0 | 1K | | Thunderstorm Wind (EG50) |
|-----------------|----|---------|--|--|---|---|----|--|---------------------------------|

Trees were downed.

Montgomery County

| | | | | | | | | | |
|----------------------|----|--------------------|--|--|---|---|--|--|--------------------|
| North Portion | 13 | 1830EST 1930EST | | | 0 | 0 | | | Flash Flood |
|----------------------|----|--------------------|--|--|---|---|--|--|--------------------|

Route 108 and Woodfield Road in Damascus were flooded.

Carroll County

| | | | | | | | | | |
|-------------------|----|--------------------|--|--|---|---|--|--|--------------------|
| Countywide | 13 | 1840EST 1940EST | | | 0 | 0 | | | Flash Flood |
|-------------------|----|--------------------|--|--|---|---|--|--|--------------------|

Flood waters covered a bridge on Route 97 in Mayberry.

Harford County

| | | | | | | | | | |
|-------------------|----|--------------------|--|--|---|---|--|--|--------------------|
| Countywide | 13 | 1840EST 2000EST | | | 0 | 0 | | | Flash Flood |
|-------------------|----|--------------------|--|--|---|---|--|--|--------------------|

Flooding was reported in Fallston, Whiteford, and Norrisville.

Washington County

| | | | | | | | | | |
|-------------------|----|--------------------|--|--|---|---|--|--|--------------------|
| Countywide | 13 | 1840EST 1940EST | | | 0 | 0 | | | Flash Flood |
|-------------------|----|--------------------|--|--|---|---|--|--|--------------------|

Flooding was reported in Hagerstown and Williamsport.

Baltimore City (C)

| | | | | | | | | | |
|------------------|----|---------|--|--|---|---|----|--|---------------------------------|
| Baltimore | 13 | 1850EST | | | 0 | 0 | 1K | | Thunderstorm Wind (EG50) |
|------------------|----|---------|--|--|---|---|----|--|---------------------------------|

Several trees were downed.

Baltimore City (C)

| | | | | | | | | | |
|------------------|----|--------------------|--|--|---|---|------|--|--------------------|
| Baltimore | 13 | 1900EST 2000EST | | | 0 | 1 | 500K | | Flash Flood |
|------------------|----|--------------------|--|--|---|---|------|--|--------------------|

Cars and homes were damaged after several streets were flooded by rapidly rising water. Motorists had to be rescued or swam to safety. A woman was injured when she fell through a floor that was weakened by flooding

Baltimore County

| | | | | | | | | | |
|-------------------|----|---------|--|--|---|---|----|--|---------------------------------|
| Countywide | 13 | 1905EST | | | 0 | 0 | 2K | | Thunderstorm Wind (EG50) |
|-------------------|----|---------|--|--|---|---|----|--|---------------------------------|

Trees were downed in Parkville and Towson.

Baltimore County

| | | | | | | | | | |
|-------------------|----|--------------------|--|--|---|---|--|--|--------------------|
| Countywide | 13 | 1915EST 2015EST | | | 0 | 0 | | | Flash Flood |
|-------------------|----|--------------------|--|--|---|---|--|--|--------------------|

Flooding was reported.

Howard County

| | | | | | | | | | |
|-------------------|----|--------------------|--|--|---|---|--|--|--------------------|
| Countywide | 13 | 1920EST 2020EST | | | 0 | 0 | | | Flash Flood |
|-------------------|----|--------------------|--|--|---|---|--|--|--------------------|

Several roads were closed due to flooding and mudslides in the Lisbon area.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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

Anne Arundel County

Harwood **13** **2000EST** **0** **0** **40K** **Lightning**

A lightning strike caused a fire which severely damaged the attic of a home

Thunderstorms with very heavy downpours and gusty winds moved through North Central Maryland for the third straight day on the 13th. In Washington County, an underpass was flooded in Hagerstown. Roads were also flooded in Williamsport. In Montgomery County, a 60 MPH gust was reported in Germantown. Trees were downed in Brookeville and Laytonsville. Route 108 and Woodfield Road in Damascus were flooded after 3 inches of rain fell. In Howard County, trees were downed in Glenwood. Several roads were closed by flooding or mudslides in the Lisbon area. In Anne Arundel County, a home on Polling House Road in Harwood was struck by lightning three times. The attic of the home was largely destroyed by the resulting fire. In Baltimore County, several trees were downed in Baltimore, Towson, and Parkville. Severe flash flooding was reported in the northeast part of Baltimore. Two streets became rushing rapids, washing several cars hundreds of yards away. Several motorists had to be rescued from their cars or had to swim to safety. The hardest hit areas included Hillen Road, 35th Street, and Aisquith Street near 25th Street. The wall of water reached a height of 10 feet near the intersection of Hillen Road and 35th Street. A pile of vehicles found in this location after the water receded testified to the power of the flood. One woman was injured at this same intersection after flooding weakened the floor in the first level of her home and she fell through when it collapsed. Numerous other homes were damaged by flood waters in this part of town as well. At the intersection of Aisquith Street and 25th Street, the wall of water reached 6 feet in height. Six cars were stuck in water beneath a railroad overpass. Minor street flooding was reported at the intersection of Northern Parkway and Walther Boulevard. Street flooding was also reported in Parkville and Towson. In Carroll County, flood waters covered a bridge along Route 97 in Mayberry. In Harford County, flooding was reported in Whiteford, Norrisville, and other low lying areas along the Pennsylvania border. Flash flooding was also reported in Fallston where several feet of water was seen rushing down roads and basements were flooded.

Montgomery County

Countywide **14** **1500EST**
1600EST **0** **0** **Heavy Rain**

Prince George'S County

Laurel **14** **1515EST** **0** **0** **0.50K** **Thunderstorm Wind (EG50)**
A few trees were downed.

Charles County

Waldorf **14** **1545EST** **0** **0** **1K** **Thunderstorm Wind (EG50)**
Trees were downed.

Prince George'S County

Accokeek **14** **1547EST** **0** **0** **0.50K** **Thunderstorm Wind (EG50)**
Large tree limbs were downed.

Charles County

Cobb Is **14** **1600EST** **0** **0** **1K** **Thunderstorm Wind (EG50)**
Trees were downed.

Scattered thunderstorms with high winds and heavy rainfall moved through the suburbs of Washington D.C. during the afternoon of the 14th. In Prince George's County, large trees were downed at the intersection of Brooklyn Bridge Road and Supplee Lane in Laurel. Large tree branches were downed in Accokeek. In Montgomery County, heavy downpours caused water to collect on Beach Drive. In Charles County, trees were downed in Waldorf and Cobb Island.

Montgomery County

Brookeville **19** **0200EST**
0300EST **0** **0** **Flash Flood**

Ready Creek overflowed its banks. The time was estimated.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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 | 19 | 1810EST 1910EST | | | 0 | 0 | | | Flash Flood |
|------------|----|--------------------|--|--|---|---|--|--|--------------------|

Several roads and basements were flooded. Two sinkholes closed New Design Road in Frederick.

Prince George'S County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|-------------------|
| Countywide | 19 | 1900EST 2100EST | | | 0 | 0 | | | Heavy Rain |
|------------|----|--------------------|--|--|---|---|--|--|-------------------|

Montgomery County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|--------------------|
| Countywide | 19 | 1910EST 2010EST | | | 0 | 0 | | | Flash Flood |
|------------|----|--------------------|--|--|---|---|--|--|--------------------|

Many roads were flooded.

Howard County

| | | | | | | | | | |
|--------------|----|--------------------|--|--|---|---|--|--|--------------------|
| West Portion | 19 | 1945EST 2045EST | | | 0 | 0 | | | Flash Flood |
|--------------|----|--------------------|--|--|---|---|--|--|--------------------|

Many roads were flooded.

Two rounds of heavy rainfall occurred across the northern Washington D.C. suburbs on the 19th. The first batch hit during the pre-dawn hours and the next occurred during the evening. The 1st round of storms mainly affected Montgomery County and the second round affected Montgomery, Frederick, and Howard counties. In Montgomery County, Ready Creek in Brookeville overflowed its banks during the early morning storm. The remainder of the flooding occurred during the 2nd storm. In Rockville, a vehicle became stalled in high water at the intersection of Norbeck Road and Avery Road. Many roads were flooded in the Laytonsville area. In Kensington, Beach Drive was flooded. Cars were also stalled in high water in Gaithersburg. A total of 2.09 inches of rain was recorded in Potomac. In Frederick County, several small roads were flooded in Frederick. A handful of vehicles became stalled in high water, including those trying to cross West Patrick Street near West Frederick Middle School. Also in Frederick, a sinkhole that was 30 feet wide and 12 feet deep formed on New Design Road, forcing the closure of the busy thoroughfare. One person was injured when their car drove over the forming sinkhole. Later in the evening, a second sinkhole about 12 feet wide formed nearby. In Howard County, many roads were under water in the western portion of the county. In Prince George's County, 2.11 inches of rain was recorded at the Patuxent Filtration Plant in Laurel.

Montgomery County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|--------------------|
| Countywide | 20 | 1035EST 1830EST | | | 0 | 0 | | | Flash Flood |
|------------|----|--------------------|--|--|---|---|--|--|--------------------|

Waterways and roads were flooded.

Howard County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|--------------------|
| Countywide | 20 | 1130EST 1300EST | | | 0 | 0 | | | Flash Flood |
|------------|----|--------------------|--|--|---|---|--|--|--------------------|

Lime Kiln Road was flooded.

Baltimore City (C)

| | | | | | | | | | |
|-----------|----|--------------------|--|--|---|---|--|--|-------------------|
| Baltimore | 20 | 1300EST 1400EST | | | 0 | 0 | | | Heavy Rain |
|-----------|----|--------------------|--|--|---|---|--|--|-------------------|

Harford County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|--------------------|
| Countywide | 20 | 1400EST 1730EST | | | 0 | 0 | | | Flash Flood |
|------------|----|--------------------|--|--|---|---|--|--|--------------------|

Five roads were flooded.

Another round of showers and thunderstorms with heavy rainfall moved through Central Maryland during the afternoon of the 20th. For the 2nd straight day, flooding was reported. In Montgomery County, 10 Mile Creek overflowed onto Clarksburg Road at the intersection of West Old Baltimore Road. A water rescue was reported where 10 Mile Creek crossed West Old Baltimore Road near Clarksburg. Rock Creek and Sligo Creek also overflowed their banks in the southeast portion of the county, flooding Sligo Road and Beach Drive. New Design Road and Arbor Road were also flooded. The saturated soil allowed trees to fall onto Little Falls Parkway in Bethesda and Fernwood at Greentree. In Howard County, Lime Kiln road was flooded just west of Scaggsville near the



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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

intersection of Browns Ridge Road. Lime Kiln road also flooded in Fulton at the intersection of Route 216. In Harford County, the following intersections were flooded: Nobles Mill Road and Trap Church Road, Janice Court and Old Joppa Road, and Shucks Road and Route 22. Water retention ponds overflowed onto Route 7 in Riverside and Edwards Lane near Churchville. In Baltimore County, minor street flooding was reported in Baltimore. A total of 2.28 inches of rain was recorded in Parkton.

Baltimore County

Countywide

| | | | | | | | | | |
|----|--------------------|--|--|--|---|---|--|--|--------------------|
| 21 | 1530EST 1700EST | | | | 0 | 0 | | | Flash Flood |
|----|--------------------|--|--|--|---|---|--|--|--------------------|

Roads were flooded and small streams overflowed their banks.

Harford County

Belcamp

| | | | | | | | | | |
|----|---------|--|--|--|---|---|--|--|-------------------|
| 21 | 1610EST | | | | 0 | 0 | | | Hail(0.75) |
|----|---------|--|--|--|---|---|--|--|-------------------|

Penny sized hail fell.

Harford County

South Portion

| | | | | | | | | | |
|----|--------------------|--|--|--|---|---|--|--|--------------------|
| 21 | 1635EST 1735EST | | | | 0 | 0 | | | Flash Flood |
|----|--------------------|--|--|--|---|---|--|--|--------------------|

Roads were flooded by small streams in Abingdon.

Baltimore City (C)

Baltimore

| | | | | | | | | | |
|----|--------------------|--|--|--|---|---|--|--|--------------------|
| 21 | 1830EST 1930EST | | | | 0 | 0 | | | Flash Flood |
|----|--------------------|--|--|--|---|---|--|--|--------------------|

High water covered Interstate 95. Streets were flooded on the east side of town

Showers and thunderstorms with heavy downpours and hail moved through the Baltimore metropolitan area during the late afternoon and early evening hours of the 21st. In Baltimore County, several streams overflowed onto roads in the Towson area. In Baltimore, some streets were flooded on the east side of the city. High water was also reported on Interstate 95 in town. In Harford County, streams overflowed onto roads in Abingdon. Penny sized hail fell in Belcamp.

Charles County

North Portion

| | | | | | | | | | |
|----|---------|--|--|--|---|---|----|--|---------------------------------|
| 27 | 1413EST | | | | 0 | 0 | 2K | | Thunderstorm Wind (EG50) |
|----|---------|--|--|--|---|---|----|--|---------------------------------|

Trees and power lines were downed between White Plains and Waldorf.

Prince George'S County

Oxon Hill

| | | | | | | | | | |
|----|---------|--|--|--|---|---|----|--|---------------------------------|
| 27 | 1420EST | | | | 0 | 0 | 1K | | Thunderstorm Wind (EG50) |
|----|---------|--|--|--|---|---|----|--|---------------------------------|

Wires and trees were downed.

Prince George'S County

Bowie

| | | | | | | | | | |
|----|---------|--|--|--|---|---|-------|--|---------------------------------|
| 27 | 1435EST | | | | 0 | 0 | 0.50K | | Thunderstorm Wind (EG50) |
|----|---------|--|--|--|---|---|-------|--|---------------------------------|

A tree was downed onto a telephone cable. The time was estimated.

Calvert County

Owings

| | | | | | | | | | |
|----|---------|--|--|--|---|---|-------|--|---------------------------------|
| 27 | 1438EST | | | | 0 | 0 | 0.50K | | Thunderstorm Wind (EG50) |
|----|---------|--|--|--|---|---|-------|--|---------------------------------|

Trees were downed.

A thunderstorm with high winds moved through South Central Maryland during the afternoon of the 27th. In Prince George's County, a tree and wires were downed in Oxon Hill. A tree was blown across a telephone cable in Bowie. In Charles County, trees and power lines were downed between White Plains and Waldorf. In Calvert County, trees were downed in Owings. Pea sized hail was reported in Owings and Dunkirk.

Harford County

2 N Forest Hill

| | | | | | | | | | |
|----|---------|--|--|--|---|---|-----|--|---------------------------------|
| 30 | 1530EST | | | | 0 | 0 | 10K | | Thunderstorm Wind (EG52) |
|----|---------|--|--|--|---|---|-----|--|---------------------------------|

A downburst of wind downed several trees and power lines and blew over a shed.

A thunderstorm with high winds moved through Harford County during the afternoon of the 30th. A down burst of winds estimated around 60 MPH downed trees and power lines just north of Forest Hill. The hardest hit area was along Walters Mill Road near the intersection of Gibson Road. Nine pine trees were snapped in half by the high winds. In addition, a shed was blown over and a window screen was blown off. Trees and power lines were also downed in the Chestnut Hill Road area.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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

Montgomery County

| | | | | | | | | | |
|------------------------------------|-----------|----------------------------|--|--|----------|----------|------------|--|---------------------------------|
| Potomac to 3 SE Potomac | 30 | 2220EST 2230EST | | | 0 | 0 | 20K | | Thunderstorm Wind (EG70) |
|------------------------------------|-----------|----------------------------|--|--|----------|----------|------------|--|---------------------------------|

A downburst of winds estimated up to 80 MPH downed numerous trees and power lines.

Montgomery County

| | | | | | | | | | |
|----------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|
| Potomac | 30 | 2222EST | | | 0 | 0 | | | Hail(1.75) |
|----------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|

Quarter to golfball sized hail was reported in Potomac Village

Montgomery County

| | | | | | | | | | |
|--------------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|
| Southeast Portion | 30 | 2230EST 2330EST | | | 0 | 0 | | | Flash Flood |
|--------------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|

Rock Run overflowed its banks.

A thunderstorm with very heavy rainfall, damaging winds, and large hail moved through Montgomery County around 11:30 PM on the 30th. The hardest hit area was in and around Potomac where a downburst of winds estimated up to 80 MPH downed over 150 trees. The first area hit by the storm was just west of Potomac along Riverwood Drive where trees were downed onto a concrete wall. The next area that received tree damage was along Falls Road between River Road and Bells Mill Road. In the Potomac Village area, numerous trees were downed onto yards and a few landed on buildings. In addition, Potomac Village sustained damage from hail between quarter and golfball size. Plants at the library and at personal residences were stripped to their stems and the windows of a local grocery store were broken. Wind damage continued southeast of town with downed trees being reported at the TPC at Avenel golf course. Five holes went underwater as Rock Run spilled out of its banks, and it took two days to clear the debris from the course. In addition, flooding was reported on River Road, Persimmon Tree Road, Bradley Boulevard, and Brickyard Road near Potomac. Rainfall totals included 2.64 inches near Gaithersburg, 2.20 inches in Rockville, and 2.04 inches in Potomac.

VIRGINIA, North

VAZ028-030>031-
041>042-052>057

Frederick - Warren - Clarke - Fauquier - Loudoun - Prince William - Fairfax - Arlington - Stafford - Spotsylvania - King George

| | | | | | | | | | |
|-----------|--|----------------------------|--|--|----------|----------|------------|--|---------------------------|
| 01 | | 0400EST 1300EST | | | 0 | 0 | 11K | | Strong Wind (EG45) |
|-----------|--|----------------------------|--|--|----------|----------|------------|--|---------------------------|

A strong cold front moved through the region during the early morning hours of the 1st. After the front passed, winds gusted up to 55 MPH through early afternoon. The gusty winds downed a number of trees region wide because the ground was saturated from recent heavy rains. Measured wind gusts across northern Virginia included 52 MPH at Falls Church and Page, 46 MPH at Washington Reagan National Airport and Leesburg, 44 MPH at Manassas and Woodbridge, 42 MPH at Alexandria, and 41 MPH in Reston. In Loudoun County, a large tree fell onto a road in Middleburg. In Fairfax County, trees were downed onto power lines in Annandale. Power was knocked out in Springfield. Countywide, 23 minor fires were reported after power lines were torn down. Also, a fallen tree severely damaged a home in Vienna. In Alexandria, a large tree significantly damaged a house on Vantage Road and another tree was felled onto a home on Wythe Street. In Falls Church, trees were downed onto power lines. In Stafford County, several trees were reportedly downed.

Fairfax County

| | | | | | | | | | |
|---------------|-----------|----------------|--|--|----------|----------|--|--|--------------------|
| Vienna | 07 | 0952EST | | | 0 | 0 | | | Flash Flood |
|---------------|-----------|----------------|--|--|----------|----------|--|--|--------------------|



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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

1052EST

Wolftrap Creek overflowed its banks.

Showers and thunderstorms with heavy rainfall moved through Fairfax County during the morning of the 7th. Wolftrap Creek overflowed its banks in Vienna. The creek covered Old Courthouse Road with 1 1/2 feet of water.

Madison County

Madison

08 2255EST 0 0 Lightning

A lightning strike damaged structures and landscape in the Malvern of Madison subdivision.

A late night thunderstorm produced a bolt of lightning that struck a picnic table in the back yard of a home in the Malvern of Madison subdivision of the city of Madison. The bolt spread out along the ground, leaving a "Y" shaped scar in the landscape. Underground telephone and cable lines were fried by the bolt. In addition, the bolt damaged a shed and threw the picnic table a few feet and covered it in dirt.

Augusta County

Stuarts Draft

11 1630EST 0 0 Flash Flood
1800EST

Water flowed over Route 610.

Staunton (C)

Staunton

11 1630EST 0 0 Flash Flood
1730EST

Numerous streets were full of running water.

Nelson County

Lovingston

11 1714EST 0 0 Flash Flood
1814EST

Flooding was reported on the south side of town.

Greene County

Standardsville

11 1728EST 0 0 0.50K Thunderstorm Wind (EG50)

Trees were downed.

Culpeper County

**White Shop to
Catalpa**

11 1825EST 0 0 2K Thunderstorm Wind (EG50)

Numerous trees were downed.

Clarke County

3 SE Berryville

11 1840EST 0 0 2K Thunderstorm Wind (EG50)

Several trees were downed along Route 7 between Berryville and the Shenandoah River

Loudoun County

West Portion

11 1910EST 0 0 2K Thunderstorm Wind (EG50)
1930EST

Numerous trees were downed between Route 50 and Leesburg.

Fauquier County

Bealeton

11 1915EST 0 0 10K Thunderstorm Wind (EG50)

A portion of a roof was blown off a school.

Loudoun County

Leesburg

11 1927EST 0 0 Hail(0.75)

Penny sized hail fell.

Loudoun County

Ashburn

11 1928EST 0 0 Thunderstorm Wind (MG53)

A wind gust of 61 MPH was recorded in Ashburn Village. The time was estimated.

Loudoun County

Sterling

11 1929EST 0 0 Thunderstorm Wind (MG52)

A wind gust of 60 MPH was recorded.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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

Fairfax County

| | | | | | | | | | |
|---------------|-----------|----------------|--|--|----------|----------|--------------|--|---------------------------------|
| Vienna | 11 | 1945EST | | | 0 | 0 | 0.50K | | Thunderstorm Wind (EG50) |
|---------------|-----------|----------------|--|--|----------|----------|--------------|--|---------------------------------|

A tree was downed.

Fairfax (C)

| | | | | | | | | | |
|----------------|-----------|----------------|--|--|----------|----------|--------------|--|---------------------------------|
| Fairfax | 11 | 1945EST | | | 0 | 0 | 0.50K | | Thunderstorm Wind (EG50) |
|----------------|-----------|----------------|--|--|----------|----------|--------------|--|---------------------------------|

A large tree was uprooted at the intersection of Gallows Road and Iliff Drive.

Alexandria (C)

| | | | | | | | | | |
|-------------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|
| Alexandria | 11 | 2000EST | | | 0 | 0 | 1K | | Thunderstorm Wind (EG50) |
|-------------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|

Trees were downed in the northern portion of the city.

Arlington County

| | | | | | | | | | |
|------------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|
| Arlington | 11 | 2000EST | | | 0 | 0 | 1K | | Thunderstorm Wind (EG50) |
|------------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|

Trees were downed at the intersection of Glebe Road and Route 123.

An area of thunderstorms with high winds, hail, and heavy rainfall moved through the northern half of the state during the afternoon and evening of the 11th. In Nelson County, flooding was reported on the south side of Lovingson. In Augusta County, water was flowing over Route 610 at Stuarts Draft. Trees were downed in New Hope and Middlebrook. In Staunton, numerous streets were turned into rivers by heavy downpours. In Greene County, trees were downed in Standardsville. In Culpeper County, numerous trees were downed between Whiteshop and Catawba. One tree fell onto a house in Whiteshop and severely damaged the garage. In Fauquier County, the portion of a roof was blown off Cedar Lee Middle School in Bealton. Pea sized hail was also reported. Trees were also downed along Springs Road near the intersection of Route 687. In Clarke County, several trees were downed along Route 7 between Berryville and the Shenandoah River. In Loudoun County, penny sized hail fell in Leesburg. Numerous trees were downed between Route 50 and Leesburg in the western portion of the county. A wind gust of 60 MPH was recorded at the National Weather Service office in Sterling and a gust of 61 MPH was recorded at Ashburn Village. In Fairfax County, a large tree was uprooted at the intersection of Gallows Road and Iliff Drive in Fairfax. Another tree was downed in Vienna. A wind gust of 50 MPH was recorded in Reston and a gust of 46 MPH was reported in Chantilly. In Alexandria, trees were downed on the north side of the city. In Arlington County, trees were downed at the intersection of Glebe Road and Route 123 in North Arlington.

Madison County

| | | | | | | | | | |
|-------------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|
| Countywide | 12 | 1400EST | | | 0 | 0 | 2K | | Thunderstorm Wind (EG50) |
|-------------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|

Trees were downed.

Clarke County

| | | | | | | | | | |
|-------------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|
| Berryville | 12 | 1415EST | | | 0 | 0 | 5K | | Thunderstorm Wind (EG50) |
|-------------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|

A tree was downed onto a car.

Culpeper County

| | | | | | | | | | |
|-------------------|-----------|----------------|--|--|----------|----------|--------------|--|---------------------------------|
| Countywide | 12 | 1430EST | | | 0 | 0 | 0.50K | | Thunderstorm Wind (EG50) |
|-------------------|-----------|----------------|--|--|----------|----------|--------------|--|---------------------------------|

A few trees were downed.

Fauquier County

| | | | | | | | | | |
|------------------|-----------|----------------|--|--|----------|----------|--------------|--|---------------------------------|
| Warrenton | 12 | 1452EST | | | 0 | 0 | 0.50K | | Thunderstorm Wind (EG50) |
|------------------|-----------|----------------|--|--|----------|----------|--------------|--|---------------------------------|

Large tree limbs were downed.

Prince William County

| | | | | | | | | | |
|------------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|
| Greenwich | 12 | 1515EST | | | 0 | 0 | 1K | | Thunderstorm Wind (EG50) |
|------------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|

Trees were downed.

King George County

| | | | | | | | | | |
|-------------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|
| Countywide | 12 | 1600EST | | | 0 | 0 | 5K | | Thunderstorm Wind (EG50) |
|-------------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|

Many trees were downed countywide.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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

Fairfax County

| | | | | | | | | | |
|-------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|
| Countywide | 12 | 1615EST 1900EST | | | 0 | 0 | | | Flash Flood |
|-------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|

Wolf Trap Road was flooded. One person had to be rescued from a small stream after being caught in flood waters

Arlington County

| | | | | | | | | | |
|------------------|-----------|----------------|--|--|----------|----------|--|--|------------------|
| Arlington | 12 | 1635EST | | | 0 | 0 | | | Lightning |
|------------------|-----------|----------------|--|--|----------|----------|--|--|------------------|

Lightning struck the main police transmitter antenna.

Alexandria (C)

| | | | | | | | | | |
|-------------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|
| Alexandria | 12 | 1640EST | | | 0 | 0 | 5K | | Thunderstorm Wind (EG50) |
|-------------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|

Trees were downed onto homes.

Clarke County

| | | | | | | | | | |
|-------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|
| Countywide | 12 | 1700EST 1830EST | | | 0 | 0 | | | Flash Flood |
|-------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|

Route 50 was closed by flooding.

Loudoun County

| | | | | | | | | | |
|-------------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|
| Countywide | 12 | 1830EST | | | 0 | 0 | 5K | | Thunderstorm Wind (EG50) |
|-------------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|

Several trees were downed.

Prince William County

| | | | | | | | | | |
|----------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|
| North Portion | 12 | 1830EST 1910EST | | | 0 | 0 | | | Flash Flood |
|----------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|

Several roads were flooded.

Shenandoah County

| | | | | | | | | | |
|-------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|
| Countywide | 12 | 1830EST 1930EST | | | 0 | 0 | | | Flash Flood |
|-------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|

Several roads were flooded.

Loudoun County

| | | | | | | | | | |
|---------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|
| East Portion | 12 | 1840EST 1940EST | | | 0 | 0 | | | Flash Flood |
|---------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|

Route 606 was flooded near Dulles Airport.

Fauquier County

| | | | | | | | | | |
|----------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|
| North Portion | 12 | 1900EST 2000EST | | | 0 | 0 | | | Flash Flood |
|----------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|

Roads were flooded.

Several showers and thunderstorms moved through the northern third of Virginia during the afternoon and evening of the 12th. These storms contained very heavy rainfall and high winds. Several locations reported wind damage and flooding. In Shenandoah County, several roads were flooded. In Madison County, gusty winds downed trees. In Culpeper County, a few trees were downed. In Fauquier County, large tree limbs were downed in Warrenton. Roads were flooded in the northern portion of the county. In Clarke County, a tree was downed onto a car near Berryville. Route 50 was closed by flooding 3 miles south of Boyce. In Loudoun County, several trees were downed. Route 606 was flooded near the intersection of the Dulles Greenway. A total of 2.55 inches of rain was recorded near Ashburn. A small stream near Algonkian Boulevard in Countryside overflowed its banks. Standing water was also reported at the intersection of Route 7 and Route 28 west of Sterling. In Fairfax County, Wolf Trap Road near Vienna was flooded. In Reston, one person had to be rescued from a small stream after getting caught in flood waters while trying to cross. In Arlington County, lightning struck the county's main police and fire transmitter antenna, knocking it out of service for 43 minutes. In Alexandria, trees were downed onto houses at the intersection of Yale Road and Janneys Road. In Prince William County, trees were downed in Greenwich. Several roads were flooded in the northern portion of the county including Waterfall Road. An observer in Waterfall reported 1.61 inches of rain in only 25 minutes. A total of 2.7 inches of rain was recorded near Lake Jackson. In King George County, many trees were downed.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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 |
|---|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------------|
| <u>VIRGINIA, North</u> | | | | | | | | | |
| Shenandoah County | | | | | | | | | |
| Countywide | 13 | 1630EST 1730EST | | | 0 | 0 | | | Flash Flood |
| Several roads were washed out. | | | | | | | | | |
| Warren County | | | | | | | | | |
| Countywide | 13 | 1715EST 1815EST | | | 0 | 0 | | | Flash Flood |
| Numerous roads were closed by flooding. | | | | | | | | | |
| Orange County | | | | | | | | | |
| Orange | 13 | 1800EST 1900EST | | | 0 | 0 | | | Flash Flood |
| Flooding was reported. | | | | | | | | | |
| Showers and thunderstorms with heavy rainfall moved through the Shenandoah Valley and the Northern Piedmont during the afternoon and evening of the 13th. In Orange County, flooding was reported in Gordonsville. In Shenandoah County, several small roads were washed out. In Warren County, numerous roads were closed by flooding. | | | | | | | | | |
| Fauquier County | | | | | | | | | |
| Morrisville | 14 | 1400EST | | | 0 | 0 | 1K | | Thunderstorm Wind (EG50) |
| Trees were downed. | | | | | | | | | |
| Prince William County | | | | | | | | | |
| Woodbridge | 14 | 1455EST | | | 0 | 0 | 2K | | Thunderstorm Wind (EG50) |
| Trees and power lines were downed. | | | | | | | | | |
| Loudoun County | | | | | | | | | |
| Countywide | 14 | 1500EST 1800EST | | | 0 | 0 | | | Heavy Rain |
| Spotsylvania County | | | | | | | | | |
| Countywide | 14 | 1500EST 1900EST | | | 0 | 0 | | | Heavy Rain |
| Fairfax County | | | | | | | | | |
| Groveton | 14 | 1509EST | | | 0 | 0 | 5K | | Thunderstorm Wind (EG50) |
| A tree was downed onto a house. | | | | | | | | | |
| Fairfax County | | | | | | | | | |
| Springfield | 14 | 1511EST | | | 0 | 0 | 5K | | Thunderstorm Wind (EG50) |
| A tree fell onto a house. | | | | | | | | | |
| Fairfax County | | | | | | | | | |
| Countywide | 14 | 1515EST 1700EST | | | 0 | 0 | | | Flash Flood |
| Fairfax County Parkway was washed out | | | | | | | | | |
| Fairfax County | | | | | | | | | |
| Huntington | 14 | 1515EST | | | 0 | 0 | 0.50K | | Thunderstorm Wind (EG50) |
| Trees were uprooted on Telegraph Road near the Beltway. | | | | | | | | | |
| Fairfax County | | | | | | | | | |
| Lorton | 14 | 1515EST | | | 0 | 0 | 0.50K | | Thunderstorm Wind (EG50) |
| Trees were downed onto wires. | | | | | | | | | |
| Stafford County | | | | | | | | | |
| Countywide | 14 | 1700EST 1800EST | | | 0 | 0 | | | Flash Flood |
| Some roads were closed by flooding. | | | | | | | | | |
| Madison County | | | | | | | | | |
| Banco | 14 | 1807EST | | | 0 | 0 | 0.50K | | Thunderstorm Wind (EG50) |
| Trees were downed. | | | | | | | | | |



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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

Madison County

| | | | | | | | | | |
|----------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|
| Madison | 14 | 1849EST | | | 0 | 0 | 2K | | Thunderstorm Wind (EG50) |
|----------------|-----------|----------------|--|--|----------|----------|-----------|--|---------------------------------|

Trees were downed in the Malvern of Madison subdivision.

Orange County

| | | | | | | | | | |
|-----------------|-----------|----------------|--|--|----------|----------|--------------|--|---------------------------------|
| Somerset | 14 | 1900EST | | | 0 | 0 | 0.50K | | Thunderstorm Wind (EG50) |
|-----------------|-----------|----------------|--|--|----------|----------|--------------|--|---------------------------------|

A tree was downed onto Route 20.

Scattered thunderstorms with high winds and very heavy downpours moved through Northern Virginia between 3 PM and 8 PM on the 14th. In Orange County, a tree was downed onto Route 20. In Madison County, trees were downed in Banco and in the Malvern subdivision of Madison. In Spotsylvania County, street flooding was reported in Chancellorsville where 2 inches of rain fell in one hour. In Stafford County, Route 1, Decatur Road, and Mountain View Road were partially closed by flooding. An observer at Shelton Shop Road in the northern part of the county recorded 2.24 inches of rain. In Fauquier County, a tree was downed onto Route 17 in Morrisville. In Loudoun County, water covered roads in Hamilton. Ponding of water was also reported at the intersection of Route 28 and Old Ox Road (Route 606). In Fairfax County, trees were downed onto wires in Lorton. Trees were uprooted in Huntington near the intersection of Telegraph Road and the Beltway. In Groveton Heights, a large tree was downed onto a house. In Springfield, three trees were downed including one which fell onto a home. A tree was also downed onto the George Washington Parkway and Morningside Drive. A wind gust of 46 MPH was recorded near Lorton. In addition, heavy rains washed out a portion of the Fairfax County Parkway. In Prince William County, trees and power lines were downed in Woodbridge.

Prince William County

| | | | | | | | | | |
|----------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|
| North Portion | 19 | 0125EST 0225EST | | | 0 | 0 | | | Flash Flood |
|----------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|

Route 15 and Interstate 66 were flooded.

Fairfax County

| | | | | | | | | | |
|---------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|
| West Portion | 19 | 0225EST 0500EST | | | 0 | 0 | | | Flash Flood |
|---------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|

Numerous roads were closed by flooding.

Loudoun County

| | | | | | | | | | |
|-------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|
| Countywide | 19 | 0230EST 0500EST | | | 0 | 0 | | | Flash Flood |
|-------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|

Roads and small streams flooded.

VAZ042-053

| | | | | | | | | | |
|--------------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------|
| Loudoun - Fairfax | 19 | 0615EST 1230EST | | | 0 | 0 | | | Flood |
|--------------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------|

Water lingered across roads and continued to keep small stream levels high.

Fairfax County

| | | | | | | | | | |
|-------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|
| Countywide | 19 | 1730EST 1830EST | | | 0 | 0 | | | Flash Flood |
|-------------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|

Roads were flooded in Great Falls, Vienna, and Kingstowne. Twelve houses were flooded in Franconia.

Showers and thunderstorms with very heavy downpours moved through the western suburbs of Washington D.C. during the pre-dawn hours of the 19th. Another round of heavy rain fell during the early evening hours. Up to 5 inches of rain accumulated across a portion of Fairfax, Loudoun, and Prince William counties by the end of the day. Two inches of rain fell in Alexandria during the evening in less than an hour, causing localized flooding as well. In Prince William County, high water was reported on Route 15 and Interstate 66 in the northern portion of the county. In Loudoun County, a small creek along Waxpool Road near the AOL complex in Ashburn overflowed its banks. Just southwest of Dulles Airport where 2 inches was recorded, up to 4 inches of rain may have fallen. Minor flooding was reported on unspecified county roads. In Fairfax County, several roads were closed by flooding in the western and central portion of the county. Hardest hit areas included Chantilly, Reston, and Oakton. Rainfall totals included 5.18 inches in Herndon, 4.81 inches in Chantilly, 3.18 inches between Reston and Tyson's Corner, and 2.46 inches in Reston. Difficult Run overflowed its banks at Brown's Mill Road. The following roads were closed by flooding during and after the morning deluge: Hunter Mill Road, Walney Road, Route 50 at the intersection of Route 28, Lee's Mill Road, White Chimney Road, Hunter Station



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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

Road, Brown's Mill Road, Belleview Road, and Woodburn Road. In addition, Telegraph Road and Huntington Road in Kingstowne were flooded during the evening. Twelve homes on Elmwood Avenue in Franconia were also flooded.

Culpeper County

Countywide

| | | | | | | | | | |
|----|--------------------|--|--|--|---|---|--|--|--------------------|
| 20 | 0930EST 1140EST | | | | 0 | 0 | | | Flash Flood |
|----|--------------------|--|--|--|---|---|--|--|--------------------|

More than a dozen roads were flooded.

Fairfax County

Countywide

| | | | | | | | | | |
|----|--------------------|--|--|--|---|---|--|--|--------------------|
| 20 | 1145EST 1830EST | | | | 0 | 0 | | | Flash Flood |
|----|--------------------|--|--|--|---|---|--|--|--------------------|

Eight roads were flooded.

Showers and thunderstorms with heavy rainfall moved through for a second straight day on the 20th. In Fairfax County, the following roads were closed by flooding: Browns Mill Road, Swinks Mill Road, Hunter Mill Road at the intersection of Lawyers Road, Braeburn Road and Guinea Road at Rutherford Park, Lorton Road at the intersection of Route 1, Campbell Drive at the intersection of Franconia Road, Old Courthouse Road, South Van Dorn Road under the Interstate 95 overpass, Cinderbed Road at the intersection of Newington Road, Route 1 at the intersection of Mt. Vernon Parkway, Burke Lake Road, and Walker Road at the intersection of Colvin Run Road. In Culpeper County, high water was reported in many low spots between Eggbornville to the Orange County line. A small creek at a low water crossing on Route 628 overflowed onto the road. Other roads that were flooded by the heavy downpours included Route 685 (Chestnut Fork Road), Reva Road, Slate Mill road, Route 3 at Ellis Road, Route 614, Route 721 in the Rapidan area, Stevensburg Road, Coles Hall Road, Umberger Road, Berry Hill Road off Route 29, and Route 729 near Settletown Road. In addition, saturated soil allowed a tree to fall onto power lines on Alum Spring Church Road.

Fauquier County

Warrenton

| | | | | | | | | | |
|----|---------|--|--|--|---|---|-------|--|---------------------------------|
| 27 | 1255EST | | | | 0 | 0 | 0.50K | | Thunderstorm Wind (EG50) |
|----|---------|--|--|--|---|---|-------|--|---------------------------------|

Large branches were downed onto power lines. The time was estimated

Fauquier County

Calverton

| | | | | | | | | | |
|----|---------|--|--|--|---|---|-------|--|---------------------------------|
| 27 | 1301EST | | | | 0 | 0 | 0.50K | | Thunderstorm Wind (EG50) |
|----|---------|--|--|--|---|---|-------|--|---------------------------------|

Trees were downed on Metze Road.

A thunderstorm with gusty winds moved across Fauquier County during the early afternoon of the 27th. Trees were downed onto Metze Road near Calverton. Large tree branches fell onto power lines in Warrenton.

VAZ031

Clarke

| | | | | | | | | | |
|----|--------------------|--|--|--|---|---|--|--|-----------------------|
| 30 | 0700EST 1800EST | | | | 1 | 0 | | | Excessive Heat |
|----|--------------------|--|--|--|---|---|--|--|-----------------------|

A 15-year-old-girl died of heat stroke on July 2nd while hiking on the Appalachian Trail along the Clarke and Loudoun County border. She was participating in a 13-day hiking trip with other students from Georgia, and she died on the 4th day of the hike. She complained of stomach pains and dizziness before collapsing. Emergency workers were unable to revive her after struggling to reach the remote section of trail where she collapsed. Temperatures were in the 70s on the day she died. However, on the first two days of her trek, highs reached into the upper 80s. On June 30th, the high temperature at Washington Dulles International Airport was 89 degrees. F15OU

WEST VIRGINIA, East

WVZ052>053

Berkeley - Jefferson

| | | | | | | | | | |
|----|--------------------|--|--|--|---|---|----|--|---------------------------|
| 01 | 0400EST 1300EST | | | | 0 | 0 | 2K | | Strong Wind (EG40) |
|----|--------------------|--|--|--|---|---|----|--|---------------------------|

A strong cold front moved through the region during the early morning hours of the 1st. After the front passed, winds gusted up to 45 MPH through early afternoon. In nearby Maryland and Virginia, scattered trees were downed



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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 | 07 | 0600EST 1200EST | | | 0 | 0 | | | Heavy Rain |
|------------|----|--------------------|--|--|---|---|--|--|-------------------|

Jefferson County

| | | | | | | | | | |
|------------|----|---------|--|--|---|---|--|--|-------------------|
| Countywide | 07 | 1200EST | | | 0 | 0 | | | Heavy Rain |
|------------|----|---------|--|--|---|---|--|--|-------------------|

Showers and thunderstorms with heavy rainfall moved through the Eastern Panhandle during the morning and early afternoon hours of the 7th. Around 2 inches of rain accumulated and some roads were covered by water. In Jefferson County, the Potomac River reached 13 feet at Shepherdstown at 2:45 PM on the 8th. Flood Stage is 15 feet. Water began to overflow low lying areas along the river, including portions of River Road just upstream from the water plant. In Morgan County, water covered Route 9 at a low spot in Allensville.

Hardy County

| | | | | | | | | | |
|------------|----|---------|--|--|---|---|----|--|---------------------------------|
| Moorefield | 12 | 1415EST | | | 0 | 0 | 1K | | Thunderstorm Wind (EG50) |
|------------|----|---------|--|--|---|---|----|--|---------------------------------|

Trees were downed.

Jefferson County

| | | | | | | | | | |
|--------------|----|---------|--|--|---|---|------|--|------------------|
| Charles Town | 12 | 1445EST | | | 0 | 0 | 2.5K | | Lightning |
|--------------|----|---------|--|--|---|---|------|--|------------------|

A home caught fire after being struck by lightning.

Jefferson County

| | | | | | | | | | |
|--------------|----|---------|--|--|---|---|----|--|---------------------------------|
| Charles Town | 12 | 1445EST | | | 0 | 0 | 2K | | Thunderstorm Wind (EG50) |
|--------------|----|---------|--|--|---|---|----|--|---------------------------------|

Trees and power lines were downed.

Hampshire County

| | | | | | | | | | |
|-----------|----|--------------------|--|--|---|---|--|--|--------------------|
| Green Spg | 12 | 1730EST 1830EST | | | 0 | 0 | | | Flash Flood |
|-----------|----|--------------------|--|--|---|---|--|--|--------------------|

Water overflowed onto Green Spring Bridge. A woman had to be rescued from the roof of her car after being caught in flood waters.

Showers and thunderstorms with heavy rainfall and high winds moved through the Eastern Panhandle during the afternoon and evening of the 12th. In Hardy County, trees were downed in Moorefield. In Hampshire County, heavy downpours caused water to overflow onto Green Spring Bridge in Green Spring. A motorists got stuck in the flood waters and had to be rescued from the roof of her car. In Jefferson County, trees and power lines were downed in Charles Town. One tree was felled onto a car on Samuel Street. Job Corps Road was closed for an hour after a downed power line caused trees along the road to smoulder. In addition, a home in the county caught fire after being struck by lightning.

Hardy County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|--------------------|
| Countywide | 13 | 1515EST 1615EST | | | 0 | 0 | | | Flash Flood |
|------------|----|--------------------|--|--|---|---|--|--|--------------------|

Roads near Mathias were flooded.

Mineral County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|--------------------|
| Countywide | 13 | 1515EST 1615EST | | | 0 | 0 | | | Flash Flood |
|------------|----|--------------------|--|--|---|---|--|--|--------------------|

Secondary roads were flooded.

Berkeley County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|--------------------|
| Countywide | 13 | 1615EST 1715EST | | | 0 | 0 | | | Flash Flood |
|------------|----|--------------------|--|--|---|---|--|--|--------------------|

Roads were closed by high water in the Martinsburg area.

Jefferson County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|--------------------|
| Countywide | 13 | 1645EST 1745EST | | | 0 | 0 | | | Flash Flood |
|------------|----|--------------------|--|--|---|---|--|--|--------------------|

Roads were flooded in Kearnesville.

Thunderstorms with heavy rainfall moved through the Eastern Panhandle during the afternoon and early evening of the 13th. In Hardy County, roads near Mathias were flooded. In Mineral County, some secondary roads were flooded. In Berkeley County,



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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

roads were closed by flooding near Martinsburg. In Jefferson County, water flowed over Leetown Road in Kearneysville.

Jefferson County

Harpers Ferry

| | | | | | | | | | |
|-----------|----------------|--|--|--|--|--|--|--|-------------------|
| 14 | 1345EST | | | | | | | | Hail(0.75) |
|-----------|----------------|--|--|--|--|--|--|--|-------------------|

Penny sized hail fell. The time was estimated.

A severe thunderstorm dropped penny sized hail on Harpers Ferry as it passed through during the afternoon of the 14th.

WVZ052

Berkeley

| | | | | | | | | | |
|-----------|----------------|--|--|--|--|--|--|--|--------------|
| 21 | 2315EST | | | | | | | | |
| 22 | 2145EST | | | | | | | | Flood |

Opequon Creek rose nearly 3 feet over bankful stage.

Heavy rainfall on the 21st caused Opequon Creek to overflow its banks on the 22nd. In Martinsburg, the creek reached its bankful stage of 10 feet at 12:15 AM. It crested at 12.8 feet at 10:45 AM and fell below bankful stage by 10:45 PM. Water overflowed low lying areas along the creek including private property and a public picnic area. Some roads on the eastern edge of Martinsburg and near Blairton were also flooded. In addition, the creek inundated a concrete culvert in Martinsburg.

Berkeley County

2 S Martinsburg

| | | | | | | | | | |
|-----------|----------------|--|--|--|--|-----------|--|--|---------------------------------|
| 30 | 2025EST | | | | | 2K | | | Thunderstorm Wind (EG50) |
|-----------|----------------|--|--|--|--|-----------|--|--|---------------------------------|

A tree was downed onto a power line.

A thunderstorm with high winds moved through Berkeley County during the evening of the 30th. A tree was downed onto a power line just south of Martinsburg, which caused a transformer fire.