



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ANZ531 7 W Riviera Beach	02	0633EST			0	0			Marine Tstm Wind (G36)
A thunderstorm produced a 36 knot wind gust at BWI Airport.									
ANZ532 3 SE Annapolis	02	0700EST			0	0			Marine Tstm Wind (G37)
A thunderstorm produced a 37 knot wind gust at Thomas Point Lighthouse.									
ANZ531 7 W Riviera Beach	12	1623EST			0	0			Marine Tstm Wind (G37)
A thunderstorm produced a wind gust of 37 knots at BWI Airport.									
ANZ530 Aberdeen Proving Grnd	12	1645EST			0	0			Marine Tstm Wind (G41)
A thunderstorm produced a wind gust of 47 MPH.									
ANZ530 Aberdeen Proving Grnd	13	1510EST			0	0			Marine Tstm Wind (G48)
A thunderstorm wind gust of 55 MPH was recorded on Spesutie Island.									
ANZ534 Solomons Island	13	1518EST			0	0			Marine Tstm Wind (G46)
A thunderstorm produced a wind gust of 46 knots.									
ANZ537 Lewisetta	13	1906EST			0	0			Marine Tstm Wind (G44)
A thunderstorm produced a wind gust of 44 knots.									
ANZ531 Tolchester Beach	14	1618EST			0	0			Marine Tstm Wind (G38)
A wind gust of 38 knots was reported.									
ANZ534 10 E Patuxent River Nas	14	1700EST			0	0			Marine Tstm Wind (G45)
A wind gust of 45 knots was recorded.									
ANZ534 Point Lookout	14	1700EST			0	0			Marine Tstm Wind (G35)
A wind gust of 35 knots was measured.									
ANZ534 Patuxent River Nas	14	1730EST			0	0			Marine Tstm Wind (G36)
A wind gust of 35 knots was measured.									
ANZ536 3 N Route 301 Bridge	18	0625EST			0	0			Waterspout
A waterspout came ashore west of Allens Fresh about 3 miles north of the Route 301 bridge about 7:25 AM EDT.									
ANZ533 12 E Chesapeake Beach	18	0640EST 0710EST			0	0			Marine Tstm Wind (G42)
Winds gusted to 42 knots at 7:40 AM and 40 knots at 8:10 AM EDT.									
ANZ534 Solomons Island	18	0700EST			0	0			Marine Tstm Wind (G40)
Wind gusts over 35 knots were reported at Solomons Island and Cove Point.									
ANZ533 11 E Chesapeake Beach	18	0700EST			0	0			Waterspout
A waterspout was spotted just south of Blackwalnut Point around 8 AM EDT.									
ANZ537 Lewisetta	18	0724EST			0	0			Marine Tstm Wind (G35)



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ATLANTIC NORTH

A wind gust of 34 knots was recorded at Lewisetta.

ANZ533 Chesapeake Bay N Beach To Drum Pt Md
12 SE Chesapeake Beach 18 0730EST **0** **0** **Marine Tstm Wind (G42)**
 A wind gust of 42 knots was measured at Horn Point.

ANZ533 Chesapeake Bay N Beach To Drum Pt Md
10 S Chesapeake Beach 18 0730EST **0** **1** **Waterspout**
 A waterspout tipped a boat with three occupants offshore of the Parker's Creek area just east of Prince Frederick. One person was injured.

See the May 18th storm data report for Charles County and Calvert County, Maryland for more information on this event.

DISTRICT OF COLUMBIA

District Of Columbia Northwest Portion
02 0630EST **0** **0** **5K** **Thunderstorm Wind**
 A tree was downed onto a car on Woodley Road NW.

A thunderstorm with gusty winds and heavy downpours moved through the northern portion of the District between 6 and 8 AM. A large tree fell onto the hood of a car on Woodley Road NW.

District Of Columbia Northwest Portion to Northeast Portion
14 1555EST **0** **1** **30K** **Thunderstorm Wind**

Trees were downed onto a car, a home, a power line, and roads. A boy walking down a sidewalk on Morse Street NE was slightly injured by a downed tree.

A shower that moved through around 5 PM produced damaging wind gusts. At Children's Hospital, a gust of 56 MPH was recorded. A downed tree damaged the roof of a home on Warren Street in Tenleytown. Trees and power lines were downed onto Minnesota Avenue. A large tree that fell onto a car on Morse Street NE also slightly injured a boy who was walking down the sidewalk.

MARYLAND, Central

Frederick County Frederick
02 0625EST **0** **0** **Heavy Rain**
 Flooding closed Shookstown Road.

A thunderstorm with heavy rainfall and gusty winds moved through north Central Maryland between 6 and 8 AM. In Frederick County, high water temporarily closed Shookstown Road. In Montgomery County, a few tree branches were downed by the storm in the Silver Spring area.

Montgomery County Darnestown
02 1429EST **0** **0** **Hail(1.75)**
 Golfball sized hail was reported.

Montgomery County Gaithersburg
02 1430EST
1438EST **0** **0** **Hail(1.75)**
 Dime to golfball sized hail was reported.

Montgomery County Gaithersburg
02 1430EST **0** **0** **10K** **Thunderstorm Wind**
 A large oak tree was downed onto a business and trees and power lines were downed onto Route 28



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MARYLAND, Central

Montgomery County

Rockville **02** **1435EST** **0** **0** **Hail(0.80)**
Dime sized hail fell.

Montgomery County

Derwood **02** **1438EST** **0** **0** **Hail(1.75)**
Hail up to golf ball size fell.

Montgomery County

Olney **02** **1440EST** **0** **0** **Hail(1.50)**
Walnut sized hail was reported.

Montgomery County

Brookeville **02** **1450EST** **0** **0** **Hail(1.75)**
Golfball sized hail fell.

Howard County

Clarksville **02** **1453EST** **0** **0** **Hail(1.75)**
Golfball sized hail fell.

Howard County

Columbia **02** **1455EST** **0** **0** **Hail(1.75)**
Hail up to golf ball size was reported.

Prince George'S County

Laurel **02** **1455EST** **0** **0** **Thunderstorm Wind (G54)^M**
A wind gust of 62 MPH was recorded. The time was estimated.

Howard County

Ellicott City **02** **1458EST** **0** **0** **Hail(1.00)**
Dime to quarter sized hail fell.

Baltimore City (C)

Baltimore **02** **1510EST**
 1518EST **0** **0** **Hail(1.00)**
Quarter sized hail fell.

Thunderstorms with large hail, heavy downpours, and gusty winds developed across central Maryland during the early afternoon. In Montgomery County, dime to golf ball sized hail damaged vegetation and dented roofs and cars in Darnestown, Gaithersburg, Rockville, Derwood, Olney, and Brookeville. In Gaithersburg, high winds downed trees and power lines. One tree fell onto a day care center on Oakmont Street. Another tree fell onto a house on Hutton Street. Trees and power poles were downed onto Route 28 near Muddy Branch Road. About 2500 customers lost power as a direct result of the storm. In Howard County, a wind gust of 62 MPH was recorded in Laurel and a gust of 46 MPH was reported in Ellicott City. Hail up to golf ball size fell in Columbia and Ellicott City. In Baltimore County, quarter sized hail was reported in the northern and western sections of Baltimore.

Washington County

1 NE Beaver Creek **12** **1528EST** **0** **0** **Hail(0.75)**
Dime sized hail fell in Mt. Aetna.

Montgomery County

Germantown **12** **1552EST** **0** **0** **1K** **Thunderstorm Wind**
Trees and power lines were downed onto roads.

Howard County

Countywide **12** **1600EST**
 1620EST **0** **0** **10K** **Thunderstorm Wind**
Several trees were downed onto buildings and roads in Allview, Savage, Elk Ridge, and Columbia.



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MARYLAND, Central

Montgomery County

Gaithersburg **12** **1600EST** **0** **0** **5K** **Thunderstorm Wind**
 Several trees and power lines were downed onto roads and cars.

Montgomery County

Olney **12** **1600EST** **0** **0** **50K** **Thunderstorm Wind**
 A large tree was downed onto a building at the Olney Theatre and a home.

Montgomery County

Rockville **12** **1600EST** **0** **0** **5K** **Thunderstorm Wind**
 A roof was blown off a porch and trees were downed.

Prince George'S County

Laurel **12** **1615EST** **0** **0** **Thunderstorm Wind (G54)^M**
 A wind gust of 62 MPH was recorded.

Baltimore City (C)

Baltimore **12** **1630EST** **0** **0** **10K** **Thunderstorm Wind**
 Twenty trees and a few power lines were downed in the south portion of the city.

Baltimore County

Dundalk **12** **1635EST** **0** **0** **0.50K** **Thunderstorm Wind**
 Small trees and limbs were downed.

Harford County

Edgewood **12** **1645EST** **0** **0** **Hail(1.00)**
 Quarter sized hail fell.

Anne Arundel County

Glen Burnie **12** **1654EST** **0** **0** **5K** **Thunderstorm Wind**
 Two trees were downed onto homes.

Washington County

5 S Hagerstown **12** **1730EST** **0** **0** **1K** **Thunderstorm Wind**
 A few trees were downed.

Frederick County

Lewistown **12** **1740EST** **0** **0** **0.50K** **Thunderstorm Wind**
 A small tree was downed onto a road.

Anne Arundel County

Jessup **12** **1800EST** **0** **0** **0.50K** **Thunderstorm Wind**
 Trees were downed.

Baltimore County

1 N Halethorpe **12** **1800EST** **0** **0** **20K** **Thunderstorm Wind**
 Several trees were downed onto cars and roads. One home was seriously damaged by a fallen tree

Carroll County

Eldersburg **12** **1900EST** **0** **0** **0.50K** **Thunderstorm Wind**
 Wires were downed.

Howard County

Elk Ridge **12** **1915EST** **0** **0** **2K** **Thunderstorm Wind**
 A chimney collapsed onto an apartment building.

Prince George'S County

Bowie **12** **1920EST** **0** **0** **0.50K** **Thunderstorm Wind**
 Trees were downed onto wires.

Scattered thunderstorms moved through Northern Virginia during the evening of the 12th. The storms contained damaging winds and hail. In Washington County, a few trees were downed on the south side of Hagerstown. Dime sized hail fell in Mt. Aetna. In Frederick County, a small tree was downed in Lewistown. In Montgomery County, a large tree fell onto the Olney Theater and



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MARYLAND, Central

damaged residential quarters. A home in Olney was also damaged when trees and power lines fell onto it. Route 355 was closed in Germantown after trees and power lines fell onto the highway between Gunners Branch and Middlebrook roads. Trees were downed and a the roof of a porch was blown off near Crooked Creek in Rockville.

In Howard County, several trees and power lines were downed onto roads and structures. In Savage, one house was damaged by the high winds. In Elkrigde, one house was severely damaged by a downed tree on Elkrigde Heights Road. One fire fighter who responded to the scene was injured. In addition, an apartment building was damaged and a chimney was downed. In Columbia, a large tree on Shaker Drive narrowly missed falling onto a crowded porch. A 62 MPH wind gust was recorded in Laurel. In Baltimore County, 20,000 customers lost power after trees downed power lines. In Arbutus, a large tree fell onto a home and seriously damaged the structure. Other trees were downed onto roads and cars. Twenty trees were downed across the southern part of Baltimore. Heavy downpours flooded roads after drains became clogged with debris. Small trees and large limbs were downed by 51 MPH in Dundalk. A 53 MPH wind gust was recorded in Catonsville.

In Harford County, quarter sized hail was reported in Edgewood. Winds gusted as high as 55 MPH at Aberdeen Proving Grounds. In Anne Arundel County, about 10,000 customers lost power after trees fell onto power lines in the northern portion of the county. A wind gust of 45 MPH was recorded at BWI Airport. Two trees were downed onto houses in Glen Burnie. In Prince George's County, trees were downed onto wires in the Bowie area.

Montgomery County

1 SW Rockville	13	1415EST			0	0			Funnel Cloud
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A funnel cloud was photographed by an off-duty meteorologist.

Howard County

2 NW Ellicott City	13	1425EST			0	0	150K		Thunderstorm Wind (G65)
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A downburst of winds estimated as high as 75 MPH downed numerous trees in the vicinity of Route 29 and Frederick Road.

Howard County

Ellicott City	13	1425EST			0	0	1K		Thunderstorm Wind
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Trees were downed onto Frederick Road.

Baltimore County

South Portion	13	1430EST 1450EST			0	0	10K		Thunderstorm Wind
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Numerous trees and power lines were downed.

Baltimore City (C)

Baltimore	13	1430EST 1440EST			0	0	5K		Thunderstorm Wind
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Trees were downed, especially on the northwest side of the city.

Baltimore City (C)

Baltimore	13	1435EST 1445EST			0	0			Hail(1.00)
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Nickel to quarter sized hail was reported in the northern portion of the city

Baltimore County

White Marsh	13	1450EST			0	0			Hail(1.75)
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Golfball sized hail fell near Route 40 and Ebenezer Road.

Harford County

Edgewood	13	1500EST			0	0			Hail(1.00)
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Quarter sized hail fell.

Harford County

Abingdon	13	1505EST			0	0			Hail(0.75)
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Dime sized hail was reported.

Allegany County

Frostburg	13	1755EST			0	0	1K		Thunderstorm Wind
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Trees were downed.

Washington County

Hancock	13	1804EST			0	0	5K		Thunderstorm Wind
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Trees, power lines, and traffic signs were blown down.



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MARYLAND, Central

Washington County

Clear Spg	13	1818EST			0	0	5K		Thunderstorm Wind
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Power lines were snapped.

Frederick County

West Portion	13	1830EST			0	0	1K		Thunderstorm Wind
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A couple of trees were downed on Gatlin Road.

St. Mary'S County

Tall Timbers to Piney Pt	13	1915EST			0	0	1K		Thunderstorm Wind
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Trees were downed.

MDZ005-014

Carroll - Anne Arundel

13	1920EST	2045EST			0	0	8K		High Wind
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Tree limbs and power lines were downed on Eldersburg and Westminster.

Scattered showers and thunderstorms moved through the region during the afternoon and early evening hours of the 13th. These storms produced damaging winds, large hail, and heavy downpours. The storms came to an end during the late evening hours after a strong cold front pushed through. The winds behind the front gusted to 50 MPH and some locations reported downed trees from these winds.

In Allegany County, a thunderstorm wind gust of 57 MPH was recorded at the Cumberland Airport. Trees and power lines were downed in Frostburg. In Washington County, thunderstorm winds downed trees, power lines, and traffic signs in Hancock and Clear Spring. A wind gust of 41 MPH was recorded in Hagerstown. In Frederick County, a thunderstorm downed a few trees on Gatlin Road in the western portion of the county. A wind gust of 41 MPH was recorded in Frederick. In Carroll County, post frontal winds downed tree limbs and wires in Eldersburg and Westminster. In Baltimore County, nickel to quarter sized hail was reported in Baltimore. The hail came down so long that it accumulated to a depth of 3 inches. In White Marsh, golf ball sized hail fell. Thunderstorm winds downed trees and power lines in Catonsville, Essex, and Baltimore. Widespread power outages were reported in Baltimore. In Harford County, dime sized hail was reported in Abingdon and quarter sized hail fell in Edgewood. A thunderstorm wind gust of 55 MPH was recorded on Spesutie Island on the grounds of Aberdeen Proving Ground.

In Howard County, a thunderstorm downburst estimated at 75 MPH occurred in a 10 square block area of the St. John's Manor subdivision 2 miles northwest of Ellicott City. This neighborhood is near the intersection of Route 29 and 40. Numerous trees were downed onto power lines, roads, and structures in the area. Two homes were heavily damaged by downed trees. Downed trees and wires blocked Old Frederick Road between Dogwood Road and Rogers Avenue. A total of \$150,000 in damage was reported and 7,700 customers lost power as a direct result of the storm. In addition, a wind gust of 49 mph was recorded at Laurel. In Montgomery County, a funnel cloud was photographed one mile southwest of Rockville. A wind gust of 55 MPH was recorded in Damascus. In Anne Arundel County, a post frontal wind gust of 51 mph was recorded at BWI Airport. A large tree branch was downed onto three cars in Maryland City. Another large branch was downed onto a mobile home in Severn. Officials recorded 30 reports of downed power lines scattered from Annapolis north to the Baltimore County border. In St. Mary's County, trees were downed by a thunderstorm in Tall Timbers and on Piney Point.

Allegany County

Countywide	14	1400EST			0	0	15K		Thunderstorm Wind
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Trees and power lines were downed.



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MARYLAND, Central									
Washington County									
Countywide	14	1400EST 1430EST			0	0	20K		Thunderstorm Wind
Multiple trees and some wires were downed.									
Allegany County									
Frostburg	14	1410EST			0	0			Thunderstorm Wind (G57)
A 65 MPH wind gust was reported. A tree was downed and a street light was damaged.									
Allegany County									
Cumberland	14	1415EST 1515EST			0	0	50K		Lightning
A lightning fire damaged the roof and second story of a home.									
Allegany County									
Cumberland	14	1415EST			0	0	15K		Thunderstorm Wind
Numerous trees and power lines were downed and a poorly-secured roof was blown off									
Frederick County									
Walkersville	14	1430EST			0	0	5K		Thunderstorm Wind
Trees and power lines were downed.									
Frederick County									
Frederick	14	1455EST			0	0	2K		Thunderstorm Wind
Trees were downed.									
Baltimore County									
Cockeysville	14	1530EST			0	0	10K		Thunderstorm Wind
Trees and power lines were downed onto York Road.									
Baltimore County									
Dundalk	14	1530EST			0	0	50K		Thunderstorm Wind
A roof was blown off a row house under construction on Berkshire Road.									
Baltimore City (C)									
Baltimore	14	1530EST			0	0	10K		Thunderstorm Wind
Trees were downed.									
Montgomery County									
Countywide	14	1530EST 1605EST			0	0	50K		Thunderstorm Wind
Over 50 trees were downed.									
Montgomery County									
Clarksburg	14	1538EST			0	0			Thunderstorm Wind (G76) ^M
An 87 MPH wind gust was recorded.									
Prince George'S County									
Countywide	14	1610EST 1630EST			0	0	2K		Thunderstorm Wind
Trees were downed.									
Charles County									
Waldorf	14	1615EST			0	0	1K		Thunderstorm Wind
Trees were downed.									
Anne Arundel County									
Annapolis	14	1630EST 1635EST			0	0	2K		Thunderstorm Wind
Trees were downed.									
Calvert County									
Chesapeake Beach	14	1630EST			0	0	1K		Thunderstorm Wind
Four trees were downed.									



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MARYLAND, Central

Frederick County

Walkersville	14	1740EST			0	0	1K		Thunderstorm Wind
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A large tree was downed.

Carroll County

Eldersburg	14	1754EST			0	0	1K		Thunderstorm Wind
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Tree limbs were downed.

Carroll County

Westminster	14	1801EST			0	0	1K		Thunderstorm Wind
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Limbs were downed onto Route 97.

Baltimore City (C)

Baltimore	14	1810EST			0	0	2K		Thunderstorm Wind
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Trees were downed.

Howard County

Ellicott City	14	1818EST			0	0	0.50K		Thunderstorm Wind
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A tree was downed.

Anne Arundel County

Glen Burnie	14	1823EST			0	0	2K		Thunderstorm Wind
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Trees and power lines were downed.

Showers that produced damaging winds moved south through Maryland east of the Chesapeake Bay between 3:00 and 7:30 PM EDT. In Allegany County, winds between 50 and 65 MPH were reported by a spotter in Frostburg. Across the county, numerous trees and power lines were downed. In Cumberland, an unattached gabled roof blew off a building on Bond Street. The debris damaged structures nearby. A wind gust of 58 MPH was recorded at the Cumberland Regional Airport. In Frostburg, a power line and a street light were damaged. Lightning started a fire at a home in Cumberland which damaged the roof and the second story. In Washington County, several trees and wires were downed in Hagerstown and Smithsburg.

In Frederick County, trees were downed in Frederick and Walkersville. A power line was downed onto Water Street Road in Walkersville. In Carroll County, limbs were downed in Eldersburg and Westminster near Route 97. In Baltimore County, trees and power lines were downed in Cockeysville and Baltimore. On Berkshire Road in Dundalk, the roof of a row house under construction was blown off. A wind gust of 50 MPH was recorded in Catonsville and a gust to 48 MPH was recorded in Perry Hall. In Howard County, a tree was downed in Ellicott City and limbs were downed in Columbia. In Montgomery County, a wind sensor recorded a wind gust of 87 MPH in Clarksburg. Trees were downed in Glen Echo, Potomac, Chevy Chase, Gaithersburg, Cabin John, and Silver Spring. Some downed trees led to temporary road closures. Pea sized hail was reported in Olney. Nearly 11,000 customers lost power across the county as a direct result of the storm. In Anne Arundel County, trees and a few power lines were downed in Annapolis, Glen Burnie, and Midlothian. In Prince George's County, trees were downed in the District Heights, Suitland, and Oxon Hill areas. In Calvert County, four trees were downed in the Chesapeake Beach area. In Charles County, trees were downed in Waldorf. A wind gust of 45 MPH was recorded in Pomfret.

Charles County

Countywide	18	0625EST 0650EST			0	0	2K		Thunderstorm Wind
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Trees were downed in Malcolm and Nanjemoy.

Charles County

2 S Faulkner to 1 S Newport	18	0625EST 0635EST	5	50	0	0	20K		Tornado (F1)
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A tornado damaged barns and downed trees along its 5 mile rural path.



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MARYLAND, Central

Calvert County

Countywide	18	0630EST 0700EST			0	0	2K		Thunderstorm Wind
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Trees were downed in Wallville, St. Leonard, and Dunkirk.

St. Mary'S County

Countywide	18	0645EST			0	0	0.50K		Thunderstorm Wind
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Trees were downed.

Scattered thunderstorms pushed through Southern Maryland between 7 and 9 AM EDT on the 18th. These storms produced damaging wind gusts in addition to three waterspouts. High wind gusts downed trees in Charles, Calvert, and St. Mary's Counties. Communities reporting downed trees included Nanjemoy, Malcolm, Wallville, St. Leonard, and Dunkirk. On the Potomac River, a waterspout formed about three miles north of the Route 301 bridge. It became a tornado as it struck land about 2 miles south of Faulker at F1 strength (60 to 80 MPH winds). It stayed on the ground for 5 miles and was 50 yards wide. The tornado first struck Popes Creek Road, then pushed east to Budds Creek Road near the intersection of Route 301. Next, it crossed the Wicomico River near the Zekiah Swamp Natural Environment Area. Several boats were damaged. Finally, it crossed Allens Fresh Road before dissipating about 1/2 mile south of Newport. Along its rural path it downed several trees, removed shingles and screen doors from homes, and destroyed a few sheds and barns. Two other waterspouts were spawned on the Chesapeake Bay. The first waterspout formed near Parker Creek, east of Prince Frederick on the Western Shore. It flipped a boat and sent the three people aboard into the water. One person was injured. The other waterspout formed near the Eastern Shore off Blackwater Point on Tighman Island. A wind gust of 42 knots was recorded at the Choptank River Sensor nearby.

MDZ002>004

Allegany - Washington - Frederick

20	0400EST				0	0			Freeze
22	0900EST								

A cold area of high pressure from Canada pushed into the mid-Atlantic region on the 19th and remained overhead through the 22nd. This caused skies to clear, winds to drop to zero, and temperatures to plummet into the mid 20s to lower 30s during the early morning hours of the 20th, 21st, and 22nd. Several backyard gardeners and local farmers lost tender vegetation to the late season frost. Damaged vegetation included soybeans, tomatoes, sweet potatoes, squash, cucumbers, beans, and young Christmas trees. Monetary losses were estimated to be in thousands of dollars.

Montgomery County

Poolesville	26	1629EST			0	0			Hail(1.75)
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Golfball sized hail shredded leaves and whitened the ground.

Montgomery County

5 W Gaithersburg	26	1651EST			0	0			Hail(0.75)
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Dime sized hail fell.

Carroll County

Taylorsville	26	1700EST			0	0	10K		Lightning
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A lightning fire severely damaged the second story of a home.

Scattered thunderstorms produced large hail and frequent lightning during the afternoon of the 26th. In Montgomery County, golfball sized hail shredded leaves and whitened the ground in Poolesville. Just west of Gaithersburg, dime sized hail was reported. In Carroll County, lightning struck the roof of a home on Dotsons Ridge Drive in Taylorsville. The fire that resulted caused \$10,000 damage to the second floor of the building.

Montgomery County

West Portion	27	0400EST 0600EST			0	0			Flash Flood
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National Weather Service

Storm Data and Unusual Weather Phenomena



May 2002

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
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MARYLAND, Central

Seneca Creek overflowed its banks by Route 28.

A thunderstorm with very heavy rainfall remained nearly stationary over the southern portion of Montgomery County during the early morning hours of the 27th. Seneca Creek overflowed its banks near Route 28 in the Poolesville area. A total of 4.13 inches of rain fell in Dawsonville between the evening of the 26th and the morning of the 27th.

Allegany County

Cumberland

27	1700EST 1900EST				0	0	500K		Flash Flood
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Interstate 68 was closed by flooding and an apartment building was evacuated after Elk Lick Run overflowed.

Montgomery County

Germantown

27	1839EST				0	0			Hail(0.75)
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Dime sized hail fell.

Montgomery County

West Portion

27	1900EST 2000EST				0	0			Flash Flood
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Ten Mile Creek overflowed its banks in Clarksburg.

Another round of thunderstorms with very heavy rainfall moved through Allegany and Montgomery Counties during the afternoon of the 27th. In Allegany County, significant flooding occurred just east of Cumberland along the west slope of Martin Mountain after Elk Lick Run overflowed its banks. Flood waters damaged property in a 2.5 mile area along Baltimore Pike (Route 144) from Rocky Gap Road to Hinkle Road near Interstate 68. An apartment complex on Baltimore Pike was surrounded by flood waters. Twenty people had to be evacuated and were eventually displaced after 12 rental units sustained major flood damage. Twenty homes nearby were significantly damaged by flooding, including one which was moved off its foundation by the rushing water. An additional 50 to 75 homes sustained minor flood damage. Up to 15 private driveway bridges across Elk Lick Run were damaged and a parking lot was washed away. Three feet of creek water spilled onto Interstate 68 which forced officials to shut down the road for over an hour. Four to five inches of rain was believed to have fallen in this area in only 2 hours. In Montgomery County, dime sized hail fell in Germantown. Small creek flooding was reported in Damascus after 2.69 inches of rain fell. A few cars were stalled in high water on Clopper Road in Gaithersburg where 3.05 inches of rain was recorded. Water rushed through a home along Buck Lodge Road in Boyds. Several people were trapped in a pickup truck on West Old Baltimore Road when Ten Mile Creek overflowed in Clarksburg. Rushing water also left debris on several roads across the county.

Allegany County

Corriganville

29	0600EST 0800EST				0	0			Flash Flood
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Roads and basements were flooded.

A thunderstorm with very heavy rainfall moved through the northern portion of Allegany County between 6 and 8 AM. Flood waters closed Kreighbaum and Cash Valley roads and Route 35. Several other side streets were also flooded. Over 30 homes reported flooded basements.

Anne Arundel County

Millersville

31	1706EST				0	0			Hail(1.00)
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Quarter sized hail was reported.

A thunderstorm with large hail moved through Anne Arundel County between 5:30 and 6:30 PM EDT. Quarter sized hail was reported in Millersville.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2002

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
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VIRGINIA, North

Loudoun County

Ashburn	02	1415EST 1420EST			0	0	100K		Hail(1.75)
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Dime to golfball sized hail was reported.

Culpeper County

Culpeper	02	1420EST			0	0	5K		Thunderstorm Wind
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Dozens of trees were downed.

Loudoun County

Sterling	02	1420EST			0	0			Hail(2.75)
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Walnut to baseball sized hail fell.

Loudoun County

5 NW Dulles Intl Arpt	02	1433EST			0	0			Hail(0.88)
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Nickel sized hail was reported.

Fairfax County

Tysons Corner	02	1440EST			0	0			Hail(1.00)
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Quarter sized hail was reported at the intersection of Route 123 & 7.

Stafford County

Stafford	02	1500EST			0	0	2K		Thunderstorm Wind
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Trees were downed.

Scattered thunderstorms with large hail and gusty winds moved through northern Virginia during the afternoon. In Culpeper County, fire and rescue personnel reported dozens of calls about downed trees. In Stafford County, scattered trees were downed, including two which fell across the VRE train tracks. In Fairfax County, a wind gust of 45 MPH was recorded at Ft. Belvoir. Quarter sized hail fell in Tyson's Corner at the intersection of Route 123 and 7. In Loudoun County, dime to golfball sized hail fell in Ashburn. Several cars, siding, and shingles were dented, a few windows were broken, and vegetation was stripped. Single homeowners reported hail damage claims as high as \$18,000. In the Sterling communities of Countryside and Cascades, walnut to baseball sized hail was reported. Nickel sized hail was reported 5 miles north-northwest of Dulles Airport.

Harrisonburg (C)

Harrisonburg	09	1600EST			0	0	1K		Thunderstorm Wind
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Trees were downed. The time was estimated.

Albemarle County

Esmont	09	1620EST			0	0	1K		Thunderstorm Wind
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Trees were downed.

Spotsylvania County

3 SE Paytes	09	1647EST			0	0	1K		Thunderstorm Wind
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Trees were downed in Porters.

Scattered thunderstorms with high winds moved across Central Virginia during the afternoon of the 9th. In Rockingham County, a handful of trees were downed in Harrisonburg. Hail was also reported. In Albemarle County, trees were downed in Esmont. In Spotsylvania County, officials reported downed trees in Porters.

Fairfax County

Chantilly	12	1730EST			0	0			Hail(0.75)
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Dime sized hail fell.

Manassas (C)

Manassas	12	1730EST			0	0			Hail(0.75)
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Dime sized hail was reported.

Prince William County

Bristow	12	1730EST			0	0			Hail(0.88)
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National Weather Service

Storm Data and Unusual Weather Phenomena



May 2002

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
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VIRGINIA, North

Dime to nickel sized hail fell.

Prince William County

1 S Buckhall

12	1735EST				0	0			Hail(0.75)
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Dime sized hail fell 3 miles south of Manassas.

Falls Church (C)

Falls Church

12	1800EST				0	0	0.50K		Thunderstorm Wind
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A tree was downed.

Fairfax County

Chantilly

12	1825EST				0	0			Hail(0.75)
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Dime sized hail was reported.

Fairfax County

Fairfax Station

12	1840EST				0	0	1K		Thunderstorm Wind
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Trees and wires were downed across roads.

Loudoun County

Countywide

12	1900EST				0	0	1K		Thunderstorm Wind
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Trees were downed in Purcellville and Aldie

Scattered thunderstorms moved through Northern Virginia during the evening of the 12th. The storms contained large hail and strong winds. In Prince William County, dime sized hail was reported in Manassas and near Lake Jackson. Dime to nickel sized hail was reported in Bristow and Breyamar. In Fairfax County, dime sized hail fell in Chantilly. Trees were downed in Fairfax Station. In Falls Church, a tree was downed. In Loudoun County, trees were downed in Purcellville and Aldie

Harrisonburg (C)

Harrisonburg

13	1151EST				0	0	1K		Thunderstorm Wind
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Trees were downed.

Page County

Countywide

13	1215EST				0	0	10K		Thunderstorm Wind
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Numerous trees were downed.

Frederick County

2 N Winchester Arpt

13	1230EST				0	0	1K		Thunderstorm Wind
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Trees were downed 2 miles east of Winchester.

Alexandria (C)

Alexandria

13	1500EST				0	0			Hail(0.75)
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Dime sized hail fell.

Winchester (C)

Winchester

13	1830EST				0	0	0.50K		Thunderstorm Wind
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A few trees were downed.

VAZ040-053>054

Rappahannock - Fairfax - Arlington

13	2125EST 2230EST				0	0	12K		High Wind
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Gusty winds downed trees in several communities.

Scattered showers and thunderstorms moved through the region during the afternoon and early evening hours of the 13th. These storms produced damaging winds, large hail, and heavy downpours. The storms came to an end during the late evening hours after a strong cold front pushed through. The winds behind the front gusted to 50 MPH and some locations reported downed trees from these winds. In Rockingham County, one tree was downed in Harrisonburg by the winds behind the front. In Page County, trees were downed countywide by the post-frontal winds. In Rappahannock County, high winds behind the front downed trees in Amosville, Huntley, Flinthill, and Massie's Corner. In Frederick County, scattered trees were downed by thunderstorms in Winchester and east of town. In Fairfax County, a wind gust of 46 MPH was recorded at Ft. Belvoir after the front passed through. Large tree branches and wires were downed onto a road and a car in Fairfax Station. In Loudoun County, winds behind the front gusted to 49 MPH at the Leesburg airport. Large tree limbs were downed in Bluemont. In Alexandria, dime sized hail was reported from a thunderstorm. After the front passed through, high winds downed a tree near the intersection of Telegraph Road and



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2002

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
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VIRGINIA, North

Interstate 495. In Falls Church, post frontal winds downed trees onto Birch Road.

Frederick County

Countywide	14	1450EST 1500EST			0	0	10K		Thunderstorm Wind
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Trees and power lines were downed.

Loudoun County

Round Hill to Leesburg	14	1500EST			0	0	5K		Thunderstorm Wind
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Trees and power lines were downed.

Winchester (C)

Winchester	14	1500EST			0	0	5K		Thunderstorm Wind (G50)^M
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Trees and power lines were downed by winds that gusted to 58 MPH.

Clarke County

Countywide	14	1515EST 1530EST			0	0	5K		Thunderstorm Wind
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Numerous trees and power lines were downed.

Loudoun County

Hamilton	14	1520EST			0	0	5K		Thunderstorm Wind
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Trees and power lines were downed.

Loudoun County

Lovettsville	14	1520EST			0	0	5K		Thunderstorm Wind
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Trees and power lines were downed.

Arlington County

Arlington	14	1530EST			0	0	5K		Thunderstorm Wind
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Downed trees caused power outages.

Loudoun County

Lucketts	14	1530EST			0	0	1K		Thunderstorm Wind
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Trees were downed onto Route 663 (Taylorstown Road).

Shenandoah County

Countywide	14	1535EST			0	0	2K		Thunderstorm Wind
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Trees were downed in Fort Valley.

Loudoun County

Sterling	14	1537EST			0	0			Thunderstorm Wind (G53)^M
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A 61 MPH wind gust was recorded.

Shenandoah County

Mt Jackson	14	1541EST			0	0	1K		Thunderstorm Wind
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A telephone pole was downed.

Fairfax (C)

Fairfax	14	1550EST			0	0	0.50K		Thunderstorm Wind
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A tree was downed at the intersection of Route 123 and 236.

Rockingham County

Timberville	14	1550EST			0	0	1K		Thunderstorm Wind
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Lines were downed.

Page County

Luray	14	1600EST			0	0	2K		Thunderstorm Wind
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Trees were downed.

Stafford County

Countywide	14	1615EST			0	0	1K		Thunderstorm Wind
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A few trees were downed.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2002

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
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VIRGINIA, North

Rappahannock County

Sperryville to Castleton	14	1620EST			0	0	1K		Thunderstorm Wind
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Trees were downed.

Culpeper County

Culpeper	14	1623EST			0	0	1K		Thunderstorm Wind
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Trees were downed.

Madison County

Countywide	14	1630EST			0	0	1K		Thunderstorm Wind
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Trees were downed onto Route 231 North.

A line of showers that produced damaging winds moved south through Northern Virginia between 3:30 and 5:30 PM EDT. In Frederick County, scattered trees and power lines were downed countywide, including the city of Winchester where a wind gust of 58 MPH was recorded. In Clarke County, numerous trees and power lines were downed, especially in the Berryville and Boyce areas. In Loudoun County, a wind gust of 61 MPH was recorded in Sterling at NOVA Community College. Trees and power lines were downed in Lovettsville, Hamilton, Round Hill, and Leesburg. In Lucketts, large trees were downed onto route 663 (Taylorstown Road). In Fairfax County, a tree was downed at the intersection of Route 123 and 236 in Fairfax. In Arlington County, downed trees and localized power outages were reported. In Stafford County, a few trees were downed. In Culpeper County, trees were downed in Culpeper. In Rappahannock County, trees were downed in Sperryville and Castleton. In Madison County, high winds downed trees onto Route 231 North. In Page County, trees were downed in the Luray area. In Shenandoah County, trees were downed in Fort Valley and a telephone pole was downed in Mt. Jackson. A wind gust of 43 MPH was recorded in New Market. In Rockingham County, lines were downed in Timberville.

VAZ021-025>031-
036>042-051

Highland - Augusta - Rockingham - Shenandoah - Frederick - Page - Warren - Clarke - Nelson - Albemarle - Greene - Madison - Rappahannock - Fauquier - Loudoun - Culpeper

20	0400EST	0	0	0	0	0	0	Freeze
22	0900EST							

A cold area of high pressure from Canada pushed into the mid-Atlantic region on the 19th and remained overhead through the 22nd. This caused skies to clear, winds to drop to zero, and temperatures to plummet into the mid 20s to lower 30s during the early morning hours of the 20th, 21st, and 22nd. A record low temperature of 31 degrees was set at Dulles International Airport on the morning of the 22nd. Several backyard gardeners and local farmers lost tender vegetation to the late season frost. Damaged vegetation included grapes, soybeans, tomatoes, sweet potatoes, squash, cucumbers, beans, and young Christmas trees. Corn plants were expected to have stunted growth due to the damaging frost. Monetary losses were estimated to be in thousands of dollars.

Page County

Luray	26	1320EST			0	0	0	Hail(0.75)
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Dime sized hail fell.

Page County

Panorama	26	1345EST			0	0	0	Hail(1.00)
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Quarter sized hail was reported at the intersection of Route 211 and Skyline Drive.

Rappahannock County

Sperryville	26	1355EST			0	0	0	Hail(1.00)
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Quarter sized hail fell.

Frederick County

Countywide	26	1400EST 1600EST			0	0	0	Heavy Rain
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National Weather Service

Storm Data and Unusual Weather Phenomena



May 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>VIRGINIA, North</u>									
Warren County Countywide	26	1400EST 1600EST			0	0			Heavy Rain
Winchester (C) Winchester	26	1415EST Quarter sized hail was reported.			0	0			Hail(1.00)
Warren County 3 W Reliance	26	1424EST Dime sized hail fell.			0	0			Hail(0.75)
Rappahannock County Castleton	26	1435EST 1630EST Nickel sized hail fell.			0	0			Flash Flood
Rappahannock County Amissville	26	1453EST Quarter sized hail fell.			0	0			Hail(1.00)
Fauquier County Warrenton to 3 E Warrenton	26	1525EST Dime sized hail was reported.			0	0			Hail(0.75)
Fauquier County 1 E Warrenton	26	1525EST 1527EST Golfball sized hail was spotted.			0	0			Hail(1.75)
Loudoun County Round Hill	26	1540EST Golfball sized hail fell.			0	0			Hail(1.75)
Loudoun County Hamilton	26	1550EST A few trees were downed.			0	0	1K		Thunderstorm Wind
Loudoun County 1 S Hamilton	26	1554EST Dime sized hail fell.			0	0			Hail(0.75)
Rockingham County Fulks Run	26	1555EST Dime sized hail was reported.			0	0			Hail(0.75)
Loudoun County Leesburg	26	1607EST Dime to quarter sized hail fell.			0	0			Hail(1.00)
Rappahannock County Sperryville	26	1614EST Quarter sized hail was reported.			0	0			Hail(1.00)
Fauquier County 3 SE Warrenton	26	1745EST Walnut sized hail fell.			0	0			Hail(1.50)
Fauquier County Warrenton	26	1750EST Quarter sized hail fell.			0	0			Hail(1.00)
Fauquier County Warrenton	26	1750EST			0	0			Thunderstorm Wind (G57) ^M



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2002

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
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VIRGINIA, North

A 66 MPH wind gust was recorded.

Fauquier County
3 NE Warrenton

26 1805EST 0 0 Hail(0.75)

Dime sized hail was reported.

Rappahannock County
1 N Castleton

26 1840EST 0 0 Hail(1.00)

Quarter sized hail was spotted.

Fauquier County
Warrenton

26 2000EST 0 0 5K Thunderstorm Wind

Trees and power lines were downed.

Loudoun County
3 SW Dulles Intl Arpt

26 2009EST 0 0 Hail(1.00)

Quarter sized hail fell in South Riding.

Manassas (C)
Manassas

26 2035EST 0 0 Hail(0.75)

Dime sized hail fell.

Fairfax County
Centreville

26 2043EST 0 0 Hail(0.75)

Dime sized hail was reported.

Manassas (C)
Manassas

26 2050EST 0 0 Hail(0.75)

A second storm produced dime sized hail.

Shenandoah County
Mt Jackson

26 2055EST 0 0 Flash Flood

2200EST
Roads were flooded.

Rockingham County
North Portion

26 2110EST 0 0 Flash Flood

2300EST
Water flooded Route 612 and Route 259.

An approaching cold front kicked off several thunderstorms across Northern Virginia during the afternoon and evening hours of the 26th. These storms contained very heavy rainfall, large hail, and damaging winds. In Rockingham County, heavy downpours flooded Route 612 north of Route 259. It rained so hard that cars had to pull over to the side of the road during the deluge. Dime sized hail fell in Fulks Run. In Page County, marble to dime sized hail covered the ground in Luray. Quarter sized hail fell east of Luray at the intersection of Route 211 and Skyline Drive. In Shenandoah County, roads near Mt. Jackson were flooded by heavy downpours. In Rappahannock County, quarter sized hail fell in Amissville, Sperryville, and Castleton. Several cars were dented and repairs averaged \$1000 per vehicle. There was one unconfirmed report of golfball sized hail in an unknown part of the county. An inch of rain fell in 20 minutes in Castleton. Rainfall totals included 2.88 inches in Castleton, 2.52 inches in Sperryville, and 2.20 inches in Mathews Arm. In Warren County, dime sized hail fell just west of Reliance. A total of 2.35 inches of rain was recorded at Hogback Mountain. In Frederick County, marble to quarter sized hail fell in Winchester. A total of 3 inches of rain fell in the southeast portion of the county. In Fauquier County, a spotter recorded a wind gust of 66 MPH and dime to quarter sized hail in Warrenton. Damage was reported to trees and power lines in town. Just east of Warrenton, golfball sized hail fell at the intersection of Route 29 and Route 643. About 3 miles south of Warrenton on Route 643, walnut sized hail was reported. In Prince William County, dime sized hail fell twice in Manassas. A wind gust of 50 MPH was estimated by a spotter. In Loudoun County, a few trees were downed and dime sized hail fell just south of Hamilton. Dime to quarter sized hail was reported in Leesburg and South Riding. Golfball sized hail fell in Round Hill. A gust of 52 MPH was recorded at the Leesburg Airport. In Fairfax County, dime sized hail was reported in Centreville where 1.45 inches of rain fell in 20 minutes.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2002

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
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VIRGINIA, North

Fairfax County

West Portion	26	2300EST			0	0			Heavy Rain
	27	0400EST							

Loudoun County

Leesburg	27	0400EST			0	0			Flash Flood
		0500EST							

Tuscarora Creek overflowed its banks and washed out the Lawson Road bridge.

A thunderstorm with very heavy rainfall sat over Leesburg between 3:30 AM and 5:00 AM on the 27th. The excessive rainfall from the storm caused creeks and streams to overflow in and around Leesburg. Tuscarora Creek that flows right through Leesburg overflowed its banks. The rushing water washed out Lawson Road near the Route 7 and 15 Interchange. Twenty four hour rainfall totals included 3.79 inches in Leesburg, 3.34 inches in Ashburn, 3.06 inches in Lincoln, and 2.44 inches at Dulles Airport. This storm also dropped around 2 inches of rain in Western Fairfax County. Herndon reported a rainfall total of 2.25 inches.

Rappahannock County

Countywide	27	1500EST			0	0			Heavy Rain
		1700EST							

Shenandoah County

North Portion	27	1530EST			0	0			Flash Flood
		1700EST							

Twelve roads were closed by high water.

Albemarle County

South Portion	27	1545EST			0	0			Flash Flood
		1645EST							

Roads were inundated by water west of Scottsville near Skyler.

Albemarle County

Countywide	27	1548EST			0	0	2K		Thunderstorm Wind
									Trees were downed.

Nelson County

Countywide	27	1600EST			0	0	1K		Thunderstorm Wind
									Small trees were downed.

Manassas (C)

Manassas	27	1800EST			0	0			Lightning
									Two homes were damaged by lightning fires.

Prince William County

Manassas Arpt	27	1800EST			0	0	20K		Thunderstorm Wind
									A hangar roof was blown off by winds measured at 55 MPH.

Scattered thunderstorms with very heavy rainfall, damaging winds, and frequent lightning moved through Northern Virginia between 4 and 7 PM EDT. In Shenandoah County, twelve roads were closed by floodwaters in the northern portion of the county. In Rappahannock County, 2.88 inches of rain fell in Castleton. In Albemarle County, flood waters inundated roads west of Scottsville near Skyler. Trees were also downed. In Nelson County, small trees were downed. In Prince William County, the roof of a hangar at the Manassas Airport was blown off by a wind gust measured at 55 MPH. Pea sized hail was also reported. Lightning also started two house fires in Manassas. One home on Longstreet Court sustained damage to its attic. Another home on Natchez Trail Court sustained electrical damage.

Spotsylvania County

Northwest Portion	31	1700EST			0	0	10K		Thunderstorm Wind
		1705EST							

Several trees were downed onto homes and roads.

A thunderstorm formed over northwestern Spotsylvania County around 5:30 PM and produced a downburst of winds in excess of 55 MPH. About 4 miles south of Wilderness in the Route 613 (Jackson Trail W.) and Brock Run Creek area, 15 to 20 pine and oak



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2002

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
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VIRGINIA, North

trees were snapped or uprooted. In the Spring Creek subdivision near Chancellorsville, 7 homes received minor damage to shingles, siding, and fencing. Trees were also downed in the development. In Fredericksburg, a 40 MPH wind gust was estimated. Pea sized hail fell and a large tent was blown over.

WEST VIRGINIA, East

Mineral County

Countywide

02	0520EST 0700EST				0	0			Flash Flood
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Flooding was reported in Keyser.

A thunderstorm with very heavy rainfall moved through Mineral County between 5 and 7 AM. It dropped up to 2 inches of rainfall which flooded roads and pushed small creeks out of their banks. Stoney Creek spilled over Stoney Run Road and water covered Route 46 at Knoble Mountain. Officials reported numerous flooded basements and debris covering roads from the rushing water.

Mineral County

Keyser

13	1750EST				0	0	1K		Thunderstorm Wind
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Trees were downed.

Berkeley County

Hedgesville

13	1815EST				0	0	1K		Thunderstorm Wind
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Trees were downed.

Berkeley County

West Portion

13	1830EST				0	0	5K		Thunderstorm Wind
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Trees were downed.

Morgan County

Berkeley Spgs

13	1840EST				0	0	0.50K		Thunderstorm Wind
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Small limbs were downed.

Scattered showers and thunderstorms moved through the region during the afternoon and early evening hours of the 13th. These storms produced damaging winds, large hail, and heavy downpours. In Mineral County, trees were downed in Keyser. In Berkeley County, trees were downed in the western portion of the county, including in the community of Hedgesville. In Morgan County, small limbs were downed in Berkeley Springs and trees and power lines were felled in Sleepy Hollow. The storms came to an end during the late evening hours after a strong cold front pushed through. The winds behind the front gusted to 50 MPH and some locations reported downed trees from these winds.

Berkeley County

Countywide

14	1430EST 1500EST				0	0	5K		Thunderstorm Wind
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Trees were downed.

Morgan County

Countywide

14	1430EST 1500EST				0	0	20K		Thunderstorm Wind
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Trees were downed onto power lines and several roads.

Hampshire County

Springfield

14	1444EST				0	0	5K		Thunderstorm Wind
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Trees and power lines were downed on Spring Grade Road and Arnold Road.

Berkeley County

Martinsburg Arpt

14	1450EST				0	0			Thunderstorm Wind (G54)^M
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A wind gust of 62 MPH was recorded.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2002

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
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WEST VIRGINIA, East

Hardy County

Countywide **14** **1500EST** **0** **0** **0.50K** **Thunderstorm Wind**
A few tree limbs were downed.

Jefferson County

Bloomery **14** **1510EST** **1** **0** **5K** **Thunderstorm Wind**
A woman was killed when a large tree fell onto her car on Route 9 about 3 miles west of the Virginia border. F49VE

Jefferson County

Countywide **14** **1510EST** **0** **0** **10K** **Thunderstorm Wind**
Trees and power lines were downed.

Grant County

Petersburg **14** **1515EST** **0** **0** **2K** **Thunderstorm Wind**
Trees were downed.

Mineral County

Countywide **14** **1530EST**
 1545EST **0** **0** **5K** **Thunderstorm Wind**
Trees were downed onto roads and power lines.

Mineral County

1 E Wiley Ford **14** **1538EST** **0** **0** **Thunderstorm Wind (G50)^M**
A 58 MPH wind gust was recorded at the Cumberland Regional Airport.

Showers that produced damaging winds moved south through the Eastern Panhandle between 3:30 and 5:00 PM EDT. Over 3000 customers lost power as a direct result of the storm. In Grant County, trees were downed in Petersburg. In Mineral County, a 58 MPH wind gust was recorded at the Cumberland Regional Airport just east of Wiley Ford. Trees were downed onto a road in Fort Ashby. Trees fell onto power lines in the Patterson Creek, Ridgeley, and Fountain areas. In Hardy County, a few tree limbs were downed. In Hampshire County, trees and power lines were downed onto Spring Grade Road and Arnold Road. In Morgan County, Route 522 South was closed by downed trees and power lines 10 miles south of Cacapon. Trees and power lines were also downed in Berkeley Springs. Power outages were reported in the Detour Road, Rock Gap Road, Oakland Road areas, in addition to several locations from Berkeley Springs to the Berkeley County border. In Berkeley County, a wind gust of 62 MPH was recorded at the Martinsburg Airport. Trees and power lines were downed countywide. In Jefferson County, a 3-foot diameter oak tree was blown onto a 1987 Toyota Celica traveling along Route 9 about 3.5 miles from the Virginia border. The driver of the vehicle, a 49 year-old woman, was killed. Trees and power lines were also downed in other parts of the county.

WVZ048>055

Grant - Mineral - Hampshire - Morgan - Berkeley - Jefferson - Pendleton - Hardy
20 **0400EST** **0** **0** **Freeze**
22 **0900EST**

A cold area of high pressure from Canada pushed into the mid-Atlantic region on the 19th and remained overhead through the 22nd. This caused skies to clear, winds to drop to zero, and temperatures to plummet into the mid 20s to lower 30s during the early morning hours of the 20th, 21st, and 22nd. Several backyard gardeners and local farmers lost tender vegetation to the late season frost. Damaged vegetation included soybeans, tomatoes, sweet potatoes, squash, cucumbers, beans, and young Christmas trees. Monetary losses were estimated to be in thousands of dollars.

Jefferson County

Countywide **26** **1400EST**
 1500EST **0** **0** **Heavy Rain**
Basements and yards were flooded. Water collected on Route 480 near Shepherdstown.

Jefferson County

Kearneysville **26** **1422EST** **0** **0** **Hail(2.75)**



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2002

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
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WEST VIRGINIA, East

Baseball sized hail was reported.

Jefferson County									
Kearneysville	26	1422EST			0	0	10K		Thunderstorm Wind
			Numerous trees were downed.						

Berkeley County									
3 E Martinsburg	26	1450EST			0	0			Hail(1.75)
			Golfball sized hail fell on Route 9.						

Berkeley County									
Bunker Hill	26	1455EST			0	0			Hail(0.88)
			Nickel sized hail fell.						

Jefferson County									
Shepherdstown	26	1510EST			0	0			Hail(1.75)
			Golfball sized hail was reported on Route 480.						

Hardy County									
Countywide	26	1600EST 1800EST			0	0			Heavy Rain

Hampshire County									
3 SW Capon Bridge	26	1640EST			0	0			Hail(1.75)
			Up to 2 inches of golfball sized hail accumulated on roads and stripped vegetation.						

Hampshire County									
Capon Bridge	26	1649EST			0	0			Hail(1.00)
			Quarter sized hail fell.						

Hampshire County									
Capon Bridge	26	1700EST 1800EST			0	0			Flash Flood
			A driveway along Route 50 was washed away.						

Morgan County									
7 S Berkeley Spgs	26	1721EST			0	0			Hail(1.75)
			Golfball sized hail fell.						

Morgan County									
Berkeley Spgs	26	1737EST			0	0			Hail(1.00)
			Grape sized hail was reported.						

Hampshire County									
2 W Capon Bridge	26	1744EST			0	0			Hail(1.00)
			Quarter sized hail was reported.						

Scattered thunderstorms with large hail and very heavy downpours moved through the Eastern Panhandle between 3 and 7 PM on the 26th. In Hampshire County, up to 2 inches of golfball sized hail fell just southwest of Capon Bridge on the west side of Schafemaker Mountain (between Cooper and Bear Garden on Route 50). Hail chunks and shredded leaves accumulated on Route 50 between Cooper Mountain and Capon Bridge. A few minutes after the hail stopped, it began to melt and locally dense fog formed. In Capon Bridge, quarter sized hail was reported. Heavy rains caused creeks to overflow their banks. A driveway along Route 50 in Capon Bridge was washed away by floodwaters. In Hardy County, 2.30 inches of rain fell in Wardensville. In Morgan County, golfball sized hail fell about 7 miles south of Berkeley Springs. In Berkeley Springs, grape sized hail was reported. In Berkeley County, golfball sized hail was reported on Route 9 just east of Martinsburg. Nickel sized hail fell in Bunker Hill. In Jefferson County, golfball sized hail fell in Shepherdstown near Route 480. In Kearneysville, baseball sized hail was reported. Numerous trees were downed in the vicinity. Power was knocked out in Charles Town and Ranson. Heavy downpours flooded basements and yards. High water was also reported on Route 480 near Shepherdstown.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2002

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

Jefferson County

Countywide	27	1400EST 1600EST			0	0			Heavy Rain
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Grant County

Countywide	27	1430EST 1530EST			0	0			Heavy Rain
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Hardy County

Countywide	27	1445EST 1600EST			0	0			Flash Flood
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Route 220 was flooded and a home was surrounded by flood waters.

Thunderstorms with heavy rainfall moved across the Eastern Panhandle between 3:30 and 5 PM on the 27th. In Hardy County, heavy downpours caused a culvert along Fort Will Road near the Hampshire County line to back up and surround a home. Just outside of Moorfield, Route 220 was closed after mud and flood waters washed onto the roadway after a culvert overflowed. A total of 2.50 inches of rain was recorded at Reymann Farms. In Grant County, 1.4 inches of rain fell in Petersburg in 35 minutes. Marble sized hail and ponding of water on roads was also reported in town. In Jefferson County, 2.75 inches of rain was recorded in Harpers Ferry.

Hampshire County

South Portion	28	1500EST 1600EST			0	0			Flash Flood
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Two roads were closed by flooding.

An area of thunderstorms sat over southern Hampshire County for several hours during the afternoon of the 28th. Rainfall amounts of over 2 inches were estimated and two roads were closed by flooding.

Grant County

Countywide	29	0500EST 0900EST			0	0			Heavy Rain
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Radar estimated 4 to 8 inches of rainfall in the Buffalo Creek Basin.

A thunderstorm with very heavy rainfall sat over Grant county for several hours. Radar estimated rainfall totals in excess of 4 inches in the Buffalo Creek Basin.