



# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 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
<b><u>ATLANTIC NORTH</u></b>									
ANZ534 Point Lookout			Chesapeake Bay Drum Pt To Smith Pt Va						Marine Tstm Wind (G36)
	01	1848EST			0	0			A wind gust of 42 MPH was recorded.
ANZ537 Point Lookout			Tidal Potomac Cobb Is Md To Smith Pt Va						Marine Tstm Wind (G36)
	01	1848EST			0	0			A wind gust of 42 MPH was recorded.
ANZ535 Rnld Reagan Natl Arprt			Tidal Potomac Key Bridge To Indian Hd Md						Marine Tstm Wind (G35)
	05	1923EST			0	0			A 34 knot wind gust was recorded.
ANZ530 Aberdeen Proving Grnd			Chesapeake Bay N Of Pooles Is Md						Marine Tstm Wind (G46)
	05	1950EST			0	0			A 53 MPH wind gust was recorded.
ANZ532 5 SE Annapolis			Chesapeake Bay Sandy Pt To N Beach Md						Marine Tstm Wind (G52)
	05	2020EST			0	0			A wind gust of 60 MPH was recorded at Thomas Point Lighthouse.
ANZ531 Tolchester Beach			Chesapeake Bay Pooles Is To Sandy Pt Md						Marine Tstm Wind (G35)
	05	2030EST			0	0			A wind gust of 33 knots was recorded.
ANZ531 Tolchester Beach			Chesapeake Bay Pooles Is To Sandy Pt Md						Marine Tstm Wind (G46)
	06	1454EST			0	0			A wind gust of 53 MPH was recorded.
ANZ535 Rnld Reagan Natl Arprt			Tidal Potomac Key Bridge To Indian Hd Md						Marine Tstm Wind (G42)
	06	1507EST			0	0			A wind gust of 48 MPH was recorded.
ANZ532 5 SE Annapolis			Chesapeake Bay Sandy Pt To N Beach Md						Marine Tstm Wind (G35)
	06	1545EST			0	0			A wind gust of 33 knots was measured.
ANZ533 Cove Pt			Chesapeake Bay N Beach To Drum Pt Md						Marine Tstm Wind (G43)
	06	1615EST			0	0			A wind gust of 49 MPH was recorded.
ANZ531 Millers Island			Chesapeake Bay Pooles Is To Sandy Pt Md						Marine Tstm Wind (G40)
	06	1615EST			0	0			A wind gust of 46 MPH was recorded.
ANZ537 Lewisetta			Tidal Potomac Cobb Is Md To Smith Pt Va						Marine Tstm Wind (G35)
	06	1615EST			0	0			A wind gust of 33 knots was measured.
ANZ534 15 E Patuxent River Nas			Chesapeake Bay Drum Pt To Smith Pt Va						Marine Tstm Wind (G39)
	06	1645EST			0	0			A wind gust of 45 MPH was recorded.
ANZ534 22 N Smith Island			Chesapeake Bay Drum Pt To Smith Pt Va						Marine Tstm Wind (G36)
	06	1700EST			0	0			A wind gust of 42 MPH was recorded at Bishop's Head.
ANZ536 5 S Quantico			Tidal Potomac Indian Hd To Cobb Is Md						Marine Tstm Wind (G35)
	13	1245EST			0	0			Winds strong enough to down trees and power lines moved off the Stafford County shoreline onto the Potomac River
ANZ536 Dahlgren			Tidal Potomac Indian Hd To Cobb Is Md						Marine Tstm Wind (G35)
	13	1253EST			0	0			



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### ATLANTIC NORTH

Winds strong enough to down trees and power lines on the King George County shoreline moved onto the Potomac River.

ANZ535 Rnld Reagan Natl Arpt	27	1639EST	Tidal Potomac Key Bridge To Indian Hd Md	0	0	0	0	0	Marine Tstm Wind (G35)
A wind gust of 33 knots was recorded.									
ANZ534 Point Lookout	27	1845EST	Chesapeake Bay Drum Pt To Smith Pt Va	0	0	0	0	0	Marine Tstm Wind (G35)
A wind gust of 33 knots was recorded.									
ANZ537 Point Lookout	27	1845EST	Tidal Potomac Cobb Is Md To Smith Pt Va	0	0	0	0	0	Marine Tstm Wind (G35)
A wind gust of 33 knots was recorded.									
ANZ531 Tolchester Beach	27	1848EST	Chesapeake Bay Pooles Is To Sandy Pt Md	0	0	0	0	0	Marine Tstm Wind (G35)
A wind gust of 34 knots was recorded.									
ANZ533 24 E Plum Pt	27	1915EST	Chesapeake Bay N Beach To Drum Pt Md	0	0	0	0	0	Marine Tstm Wind (G38)
A wind gust of 38 knots was recorded at Cambridge.									

### DISTRICT OF COLUMBIA

District Of Columbia Countywide	06	1500EST		0	0	15K	0	0	Thunderstorm Wind
Forty trees were downed and the roof of an apartment building was blown off. The time was estimated.									

A thunderstorm with high winds moved through the District around 4 PM EDT on the 6th. It caused 40 trees and 25 electrical wires to be downed, mainly across the northeast portion of the city. Four homes were damaged by fallen trees. The roof of an apartment building was also blown off. A wind gust of 48 MPH was recorded at Washington Reagan National Airport. Nearly 8000 customers lost power as a direct result of the storm.

District Of Columbia Northwest Portion to Northeast Portion	27	1750EST		0	0	5K	0	0	Thunderstorm Wind (G51) <sup>M</sup>
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A wind gust of 59 MPH downed trees.

A thunderstorm with high winds moved through the District around 7 PM EDT on the 27th. It produced a wind gust of 59 MPH at Children's Hospital. A gust of 48 MPH was recorded at Adams Elementary. Trees were downed in the northwest portion of the city.

### MARYLAND, Central

Washington County Williamsport	05	1605EST		0	0	5K	0	0	Thunderstorm Wind
Trees and power lines were downed.									

Washington County Hagerstown	05	1614EST 1619EST		0	0	0	0	0	Hail(1.50)
Dime to walnut sized hail fell.									

Washington County Hagerstown	05	1615EST		0	0	15K	0	0	Thunderstorm Wind (G57) <sup>M</sup>
Winds up to 65 MPH pushed trees and power lines onto cars and roads and blew down a cement wall.									



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### MARYLAND, Central

#### Washington County

<b>Leitersburg</b>	05	1625EST			0	0	50K		<b>Thunderstorm Wind</b>
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Two homes sustained roof damage.

#### Prince George'S County

<b>Countywide</b>	05	1930EST 1945EST			0	3	20K		<b>Thunderstorm Wind</b>
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Nearly 500 homes were damaged by fallen trees in Clinton, Upper Marlboro, and Brandywine

#### Prince George'S County

<b>Andrews Afb</b>	05	1937EST			0	0			<b>Thunderstorm Wind (G54)<sup>M</sup></b>
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A 62 MPH wind gust was recorded.

#### Prince George'S County

<b>Clinton</b>	05	1937EST			0	0			<b>Hail(1.00)</b>
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Dime sized hail fell.

#### Anne Arundel County

<b>South Portion</b>	05	1945EST			0	0	20K		<b>Thunderstorm Wind</b>
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Several trees and power lines were downed.

#### Anne Arundel County

<b>Annapolis</b>	05	2022EST			0	0			<b>Lightning</b>
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The Maryland State House dome was struck by lightning.

Scattered thunderstorms with high winds and frequent lightning moved through north central Maryland, and the Baltimore and Washington D.C. metro areas during the afternoon and evening of the 5th. In Prince Georges County, 500 homes were damaged by fallen trees. Over 11,000 county customers lost power as a direct result of the storm. Three houses sustained serious damage and another dozen were moderately damaged. The most severely damaged house was in Clinton where a tree smashed through a brick wall and slightly injured a mother and her two children inside. Also in Clinton, downed power lines and quarter sized hail were reported. Other wind damage was reported between Brandywine and Upper Marlboro. Several trees were downed along Route 5 in Brandywine, temporarily blocking the entrance to Southern Maryland Hospital. A wind gust of 62 MPH was recorded at Andrews Air Force Base. A spotter in the southern portion of the county recorded a wind gust of 51 MPH. In Anne Arundel County, the dome of the Maryland State House in Annapolis was struck by lightning. In Bay Ridge, a tree was downed onto the roof of a house, causing \$10,000 damage. A 200 year old, 5 foot wide tree was also downed in Edgewater. Across the southern portion of Anne Arundel County, officials reported several downed trees and power lines. On the Chesapeake Bay at Thomas Point Lighthouse, the weather sensor recorded a wind gust of 60 mph. In Baltimore County, pea sized hail fell in Dunkirk. In Harford County, pea sized hail fell in Edgewood and a wind gust of 53 MPH was recorded at Aberdeen Proving Grounds. In Washington County at Hagerstown, dime to hen egg sized hail fell for 10 minutes and accumulated to a depth of about one half inch. Winds gusting up to 65 mph caused a free standing cement wall to collapse onto power lines and a car on E. Franklin St. Several cars and structures were also damaged by fallen trees. In Williamsport and Ringgold, trees and power lines were downed. In Leitersburg, one roof, two out buildings, and a barn sustained roof damage. Six broken power poles lined Jefferson Boulevard. A wind gust of 42 MPH was recorded in Smithsburg.

#### Anne Arundel County

<b>2 S Crownsville</b>	06	1415EST			0	0			<b>Hail(1.00)</b>
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Quarter sized hail fell in Chesterfield.

#### Howard County

<b>Countywide</b>	06	1425EST			0	0	1K		<b>Thunderstorm Wind</b>
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### MARYLAND, Central

A few trees were downed.

#### Howard County

##### Savage

06	1425EST								Hail(1.00)
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Dime to quarter sized hail fell.

#### Anne Arundel County

##### North Portion

06	1445EST 1500EST					10K			Thunderstorm Wind
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Trees and power lines were downed in Arnold, Pasadena, and Glen Burnie.

#### Anne Arundel County

##### Baltimore Washington

06	1446EST 1453EST								Hail(0.75)
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Dime sized hail fell.

#### Anne Arundel County

##### Pasadena

06	1450EST								Hail(1.75)
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Golf ball sized hail was reported.

#### Charles County

##### Countywide

06	1500EST					5K			Thunderstorm Wind
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Trees and power lines were downed.

#### Prince George'S County

##### Countywide

06	1500EST 1525EST					100K			Thunderstorm Wind
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A dozen families were displaced after felled trees damaged homes in Cottage City. Damage was also reported in Clinton and Bladensburg.

#### St. Mary'S County

##### Mechanicsville

06	1500EST					2K			Thunderstorm Wind
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Trees were downed and a fence was ripped from the ground in the Indian River Estates neighborhood

#### Prince George'S County

##### Brandywine

06	1507EST								Hail(1.75)
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Golfball sized hail fell.

#### Prince George'S County

##### Laurel

06	1522EST								Hail(1.00)
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Quarter sized hail was reported.

#### Calvert County

##### North Portion

06	1535EST					5K			Thunderstorm Wind
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Trees were downed.

#### Frederick County

##### 1 NE Frederick to 3 NE Frederick

06	1605EST 1613EST	2	50	0	0	15K			Tornado (F0)
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A weak tornado toppled a trailer, downed trees, and caused minor roof damage

#### Montgomery County

##### Countywide

06	1645EST					1K			Thunderstorm Wind
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Trees were downed.

#### Montgomery County

##### Redland

06	1645EST 1651EST								Funnel Cloud
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A funnel cloud was spotted near the intersection of Shady Grove Road and Mill Run Drive

Scattered thunderstorms moved through North Central and Southern Maryland in addition to the Washington D.C. and Baltimore metropolitan areas during the afternoon of the 6th. In Frederick County, an F0 tornado touched down at 5:05 PM EDT just north of Hayward Road near Frederick (1/4 mile west of Route 15). The tornado caused intermittent minor damage to structures and downed several trees as it pushed east before lifting near the Monocacy River. It had a path length of 2 miles and a width of 50 yards. The twister toppled an unanchored construction trailer in Governors Choice Industrial Park. A home in the Dearbought Park subdivision



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### MARYLAND, Central

lost a chimney. At least 20 trees were downed in the Broadview Acres area, including one which landed on a car. In Montgomery County, a funnel cloud was spotted near the intersection of Shady Grove Road and Mill Run Drive. Minor tree damage was reported in the vicinity. Pea to marble sized hail was reported in Burtonsville, Glenmont, Silver Spring, and Forest Glen. A wind gust of 51 MPH was recorded in Shady Grove and a gust of 54 MPH was recorded in Gaithersburg.

In Carroll County, a wind gust of 46 MPH was measured in Millers. A gust of 50 MPH was estimated in Westminster. In Baltimore County, 2.15 inches of rain fell at Cylburn Arboretum in Baltimore. A wind gust of 56 MPH was recorded around 1 PM in Parkton. In Anne Arundel County, the strongest part of the thunderstorm tracked between Fort Meade and Riviera Beach. Dime sized hail fell at BWI Airport. Quarter sized hail was reported in Chesterfield. Pea to golfball sized hail was reported in Pasadena where a total of 2.56 inches of rain fell. Trees and power lines were downed in Pasadena, Glen Burnie, and Arnold. Four homes were damaged by downed trees and nine homes were struck by lightning across the northern portion of the county. A 330-year-old tree in Lothian was also heavily damaged. At the height of the storm, 13,200 customers were without power. In Howard County, dime to quarter sized hail was reported in the Laurel and Savage areas. A few trees were also downed countywide.

In Prince Georges County, golf ball sized hail fell in Brandywine. Quarter sized hail was reported in Laurel and pea sized hail fell in Accokeek. For a second straight day, trees fell onto homes in the county. About a dozen families in Cottage City were displaced after 11 homes were condemned due to structure damage. A home in Clinton burned to the ground after a fallen tree started the house on fire. Minor damage was also reported in Bladensburg. Heavy rains caused ponding of water on roads in the southern portion of the county. In Charles County, marble sized hail fell in Bryans Road. Trees and power lines were downed countywide. Several homes were also struck by lightning. In Calvert County, wind damage was reported from fallen trees. A large branch was downed in Derwood. Pea sized hail fell in Dunkirk and hail of unknown size fell at Solomon's Island. In St. Mary's County, trees were downed and a fence was ripped from the ground in the Indian River Estates neighborhood of Mechanicsville.

#### **Charles County 2 W La Plata**

<b>13</b>	<b>1315EST</b>								
		<b>0</b>	<b>0</b>	<b>3K</b>					<b>Thunderstorm Wind</b>

Trees and power lines were downed.

A thunderstorm with heavy winds moved through Southern Maryland during the afternoon of the 13th. Two miles west of La Plata in Charles County, trees and power lines were downed.

#### **Charles County 3 W White Plains**

<b>16</b>	<b>1608EST</b>								
		<b>0</b>	<b>1</b>	<b>0.10K</b>					<b>Thunderstorm Wind</b>

A tree limb fell onto a person at a golf course

#### **Calvert County Countywide**

<b>16</b>	<b>1645EST</b>								
		<b>0</b>	<b>0</b>	<b>3K</b>					<b>Thunderstorm Wind</b>

Wires were downed by high winds just west of Kings Beach.

Scattered thunderstorms moved through Southern Maryland during the evening of the 16th. In Charles County 3 miles west of White Plains, one person was injured on a golf course when a tree limb fell on them. In Calvert County 2 miles west of Kings Beach, power line wires were downed.

#### **St. Mary'S County Mechanicsville**

<b>19</b>	<b>1315EST 1415EST</b>								
		<b>0</b>	<b>0</b>						<b>Flash Flood</b>

Mechanicsville Road was flooded.

A thunderstorm that contained heavy downpours moved over St. Mary's County during the early afternoon of the 19th. As a result of the heavy rain, Mechanicsville Road was flooded.

#### **MDZ004>007-009>011-013>014**

#### **Frederick - Carroll - Northern Baltimore - Harford - Montgomery - Howard - Southern Baltimore - Prince Georges - Anne Arundel**

<b>25 26</b>	<b>1000EST 2000EST</b>								
		<b>7</b>	<b>0</b>						<b>Excessive Heat</b>

Very warm and moist air was ushered into the region by south winds during the last week of June. On the 25th and 26th, temperatures in the mid 90s combined with dew points near 70 to create heat index values between 100 and 110 degrees. A handful of people who were in non-air-conditioned environments, especially in downtown Baltimore, died from complications of prolonged exposure to the heat. Temperatures remained in the lower 90s through the end of the month which also led to additional heat-related deaths and illnesses.

In Montgomery County, a 33 year-old woman with multiple sclerosis died in her Aspen Hill home on Tuesday the 25th. She was found on Wednesday the 26th and the temperature measured in the house was more than 90 degrees due the lack of air conditioning. In the city of Baltimore, a 46 year-old woman was found dead in her home on the 26th. A 68 year-old man, a 52 year-old man, and



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### MARYLAND, Central

an 82 year-old man were found dead in their homes on the 27th . On the 30th, a 67 year-old woman was found dead in her home. In the Carroll County community of Westminster, a 69-year old male was out walking on the 29th and was overcome by heat. He was found not breathing near a shopping center along Route 140 and died a short time later at an area hospital. Each person had underlying health conditions that contributed to their deaths. In Anne Arundel County, two people were treated at area hospitals for dehydration and heat exhaustion on the 26th. F33PH, M69OU, F46PH, M68PH, M82PH, M52PH, F67PH

#### Washington County Hagerstown

27	1622EST								
		0	0	3K					<b>Thunderstorm Wind (G52)</b>

Trees and power lines were downed by winds estimated around 60 MPH.

#### Washington County 2 NE Smithsburg

27	1630EST								
		0	0						<b>Hail(0.75)</b>

Dime sized hail was reported.

#### Washington County 2 NE Smithsburg

27	1630EST								
		0	0	9K					<b>Thunderstorm Wind (G71)<sup>M</sup></b>

Winds gusting to at least 81 MPH caused structural damage and downed several trees.

#### Prince George'S County Countywide

27	1750EST								
		0	0	10K					<b>Thunderstorm Wind</b>

Trees were downed in Greenbelt, Seat Pleasant, and Landover.

#### St. Mary'S County Golden Beach

27	1821EST								
		0	0	2K					<b>Thunderstorm Wind</b>

Trees were downed.

#### Calvert County Sunderland

27	1824EST								
		0	0	2K					<b>Thunderstorm Wind</b>

Trees were downed.

Scattered thunderstorms with high winds and hail moved through Southern Maryland, the Baltimore metro area, and Northern Central Maryland on the evening of the 27th. In Washington County, large trees and power lines were downed in Hagerstown by winds estimated around 60 MPH. Four homes and 8 cars were damaged by the fallen trees. Two miles northeast of Smithsburg, a wind sensor measured a downburst wind gust of 81 mph before being blown away. The winds destroyed the remainder of the weather station by ripping it and the piece of roof it was attached to off a house. The winds also destroyed an 800 pound wooden play set nearby. The roof of a barn and 30 feet of fencing was blown away and a 1200 pound boat was moved. Dime sized hail was also reported. In Prince George's County, high winds downed trees in Greenbelt, Seat Pleasant, and Landover. In Calvert County, winds knocked down trees in Sunderland. In St. Mary's County, trees were downed in Golden Beach. In Howard County, a 57 MPH wind gust was recorded in Fulton.

### VIRGINIA, North

#### Albemarle County Crozet

04	1800EST								
		0	0						<b>Hail(1.75)</b>

Golf ball sized hail dented over 100 cars.

#### Rockingham County Mc Gaheysville

04	1800EST								
		0	0	3K					<b>Lightning</b>

Lightning hit a communications tower on Massanutten Peak

#### Rockingham County Grottoes

04	1810EST								
		0	0	45K					<b>Lightning</b>

A barn caught fire after being struck by lightning.

#### Albemarle County Free Union

04	1815EST								
		0	0						<b>Hail(4.50)</b>

Solfball sized hail fell.



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### VIRGINIA, North

#### Charlottesville (C)

<b>Charlottesville</b>	<b>04</b>	<b>1820EST</b>			<b>0</b>	<b>0</b>	<b>1K</b>		<b>Thunderstorm Wind</b>
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A few trees were downed.

Scattered thunderstorms moved through the central Shenandoah Valley and central foothills during the late afternoon and evening hours of the 6th. The storms contained medium to large sized hail and frequent lightning. In Augusta County, pea sized hail was reported in Mount Sydney. In Rockingham County, a communications tower on Massanutten Peak was damaged by lightning. Near Grottoes, a barn on Scots Ford Road burned to the ground after being struck by lightning. In Albemarle County, golf ball sized hail dented over 100 cars in Crozet.

#### Shenandoah County

<b>Countywide</b>	<b>05</b>	<b>1445EST</b>			<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind</b>
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Trees were downed in seven locations.

#### Winchester (C)

<b>Winchester</b>	<b>05</b>	<b>1500EST</b>			<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind</b>
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Trees were downed on Apple Pie Ridge.

#### Warren County

<b>Front Royal</b>	<b>05</b>	<b>1558EST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
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Dime sized hail fell.

#### Rappahannock County

<b>Countywide</b>	<b>05</b>	<b>1600EST 1700EST</b>			<b>0</b>	<b>0</b>	<b>7K</b>		<b>Hail(1.75)</b>
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Golfball sized hail damaged many vehicles.

#### Rappahannock County

<b>East Portion</b>	<b>05</b>	<b>1600EST 1700EST</b>			<b>0</b>	<b>0</b>	<b>10K</b>		<b>Thunderstorm Wind</b>
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Fourteen trees were downed and a shed was blown into a field.

#### Rappahannock County

<b>1 N Flint Hill</b>	<b>05</b>	<b>1600EST 1700EST</b>			<b>0</b>	<b>0</b>	<b>6K</b>		<b>Thunderstorm Wind</b>
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Six utility poles were snapped along Route 522.

#### Warren County

<b>Countywide</b>	<b>05</b>	<b>1600EST</b>			<b>0</b>	<b>0</b>	<b>12K</b>		<b>Thunderstorm Wind</b>
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Most of the county was without power after trees and power lines were downed

#### Clarke County

<b>Countywide</b>	<b>05</b>	<b>1645EST</b>			<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind</b>
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Trees were downed.

#### Loudoun County

<b>Countywide</b>	<b>05</b>	<b>1700EST 1800EST</b>			<b>0</b>	<b>0</b>	<b>7K</b>		<b>Lightning</b>
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A home in Sterling and Ashburn was damaged by lightning.

#### Loudoun County

<b>Countywide</b>	<b>05</b>	<b>1715EST 1745EST</b>			<b>0</b>	<b>0</b>	<b>3K</b>		<b>Thunderstorm Wind</b>
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Trees were downed.

#### Fauquier County

<b>North Portion</b>	<b>05</b>	<b>1830EST</b>			<b>0</b>	<b>0</b>	<b>7K</b>		<b>Thunderstorm Wind</b>
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Trees and power lines were downed.

#### Fairfax County

<b>Chantilly</b>	<b>05</b>	<b>1844EST</b>			<b>0</b>	<b>0</b>	<b>2K</b>		<b>Thunderstorm Wind</b>
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Trees were downed.



# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 2002

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

Scattered thunderstorms moved through northern and central Shenandoah Valley, northern Virginia, the central foot hills, and central Piedmont during the late afternoon and evening of the 5th. In Albemarle County, hail was reported in Free Union. In Warren County, trees and power lines were down countywide resulting in numerous power outages. Dime sized hail was reported in Front Royal. In Nineveh, 2.33 inches of rain fell. In Rappahannock County, golfball sized hail dented many cars and trees were downed. One mile north of Flint Hill, 6 utility poles were knocked down on Route 522. In the eastern portion of the county, fourteen trees were blown over near the intersection of Route 637 and 522 and a 14 X 16 foot shed was blown into a field. In Shenandoah County, trees were downed in seven different locations. In Clarke County, trees were downed near Berryville on Route 622. In Loudoun County, thunderstorm winds knocked down trees in Philomont and downed branches in the eastern portion of the county. A home in Sterling and in Ashburn were struck by lightning. In the northern portion of Fauquier County, trees and power lines were downed. In Frederick County, trees were knocked down in the Apple Pie Ridge subdivision near Winchester. In Fairfax County, trees were downed in Chantilly.

<b>Madison County</b> Countywide	<b>06</b>	<b>1330EST</b>			<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind</b>
Trees were downed.									
<b>Culpeper County</b> Culpeper	<b>06</b>	<b>1345EST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
Dime sized hail fell.									
<b>Culpeper County</b> Richardsville	<b>06</b>	<b>1345EST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
Quarter sized hail fell.									
<b>Prince William County</b> South Portion	<b>06</b>	<b>1415EST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.75)</b>
Golfball sized hail fell.									
<b>Stafford County</b> North Portion	<b>06</b>	<b>1415EST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.75)</b>
Golfball sized hail fell near the Prince William County line.									
<b>Fauquier County</b> Countywide	<b>06</b>	<b>1425EST</b>			<b>0</b>	<b>0</b>	<b>8K</b>		<b>Thunderstorm Wind</b>
Trees were downed.									
<b>Fairfax County</b> Pohick	<b>06</b>	<b>1430EST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
Quarter sized hail fell.									
<b>Winchester (C)</b> Winchester	<b>06</b>	<b>1547EST</b>			<b>0</b>	<b>0</b>	<b>3K</b>		<b>Thunderstorm Wind</b>
A tree was downed onto a house.									
<b>Augusta County</b> East Portion	<b>06</b>	<b>1600EST</b> <b>1610EST</b>			<b>0</b>	<b>0</b>	<b>28K</b>		<b>Thunderstorm Wind</b>
Trees were downed, a barn was damaged, and a twin silo was blown down.									
<b>Waynesboro (C)</b> Waynesboro	<b>06</b>	<b>1600EST</b>			<b>0</b>	<b>0</b>	<b>2K</b>		<b>Thunderstorm Wind</b>
Seven trees were downed onto property along Cattle Scales Road									
<b>Clarke County</b> 2 E Berryville	<b>06</b>	<b>1608EST</b>			<b>0</b>	<b>0</b>	<b>10K</b>		<b>Thunderstorm Wind</b>
Trees were downed, including one which fell onto a car.									
<b>Charlottesville (C)</b> Charlottesville	<b>06</b>	<b>1620EST</b>			<b>0</b>	<b>3</b>	<b>18K</b>		<b>Thunderstorm Wind</b>
Trees were downed. One person was injured when a tree fell onto a car on Old Ivy Road. Two others were seriously injured when a tree fell onto a car on Sherwood Rd.									
<b>Loudoun County</b> Leesburg	<b>06</b>	<b>1623EST</b>			<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind</b>





# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 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 and power lines were downed.

#### **Greene County Countywide**

<b>06</b>	<b>1630EST 1700EST</b>				<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind</b>
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Trees and power lines were downed.

#### **Orange County Barboursville**

<b>06</b>	<b>1630EST</b>				<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind</b>
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A chimney was blown off.

#### **Orange County Orange**

<b>06</b>	<b>1637EST 1642EST</b>				<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind</b>
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Downed trees closed roads and caused minor structural damage.

#### **Fairfax County Chantilly**

<b>06</b>	<b>1645EST</b>				<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind</b>
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Power lines were downed.

#### **Orange County 1 NE Orange to 2 E Orange**

<b>06</b>	<b>1645EST 1650EST</b>	<b>1</b>	<b>100</b>		<b>0</b>	<b>0</b>	<b>10K</b>		<b>Tornado (F1)</b>
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A tornado downed trees and power lines and caused minor roof damage east of Orange.

#### **Orange County 2 S Flatrun**

<b>06</b>	<b>1700EST</b>				<b>0</b>	<b>1</b>	<b>200K</b>		<b>Thunderstorm Wind</b>
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Numerous trees and power lines were downed onto roads and houses. One person was injured when a tree fell onto their Lake of the Woods home.

#### **Spotsylvania County 2 SW Wilderness Corner**

<b>06</b>	<b>1710EST</b>				<b>0</b>	<b>1</b>	<b>125K</b>		<b>Thunderstorm Wind</b>
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High winds knocked down numerous trees in the Lake Wilderness community and across Spotsylvania National Military Park. One tree fell onto a pickup truck and injured the driver.

Scattered thunderstorms with damaging wind gusts moved through the North Piedmont, the central foothills, and Northern Virginia during the afternoon and evening hours on the 6th. In Orange County, a weak F1 tornado touched down one mile northeast of the town of Orange. It uprooted trees and damaged a garage along its rural path. The tornado traveled approximately one mile to the east-southeast before lifting near Route 20 east of Orange. The tornado was 100 yards wide and was on the ground for one mile. Additional wind damage in and around the town of Orange including downed trees and power lines was caused by straight line winds. In Locust Grove, a convenience store lost its tin roof after high winds blew through. In the Lake of the Woods community, a downburst of winds estimated at 70 MPH caused at least one hundred trees and some power lines to be blown over. One man was injured when the roof of his house on Monticello Circle collapsed when a tree fell onto it. A total of 6 homes and a handful of cars in the community were damaged by fallen trees. Trees were also downed onto Route 20. In Barboursville, a chimney was blown over by high winds. In Spotsylvania County, a man was injured when high winds pushed three trees onto his car on Hill-Ewell Drive about 2 miles south of Wilderness. He survived by ducking under the dashboard before the trees hit the pickup. Hill-Ewell Drive remained closed for several days due to nearly 100 downed trees. Numerous trees were also downed in the Lake Wilderness community. Twelve homes in the community were damaged by felled trees, including one which sustained \$40,000 damage. Portions of the nearby Fredericksburg-Spotsylvania National Military Park were closed for two weeks due to the amount of felled trees. Removal of debris was estimated to cost \$60,000.

In Culpeper County, quarter sized hail fell in Richardsville and dime sized hail was reported in Culpeper. Funnel clouds were also reported near Eggbornsville, Cherry Hill, and Elkwood. In Fairfax County, quarter sized hail fell in Pohick Bay. In Chantilly power lines were downed. In Stafford County, golf ball sized hail was reported near the Prince William County line. In Prince William County, a wind gust of 54 MPH was recorded at the Manassas Airport. The southern portion of the county received pea to golf ball sized hail. In Fauquier County, trees were downed. In Augusta County, trees were downed in Fishersville, Crimora, and at the intersection of Route 250 and Interstate 81. A twin silo was blown over near Fishersville. In Hermitage, part of a barn roof was removed on Hildebrand Church Road. Trees were uprooted onto a garage and car near Route 254. In Waynesboro, 7 trees were downed onto property along Cattle Scales Road. In Madison County, trees downed countywide. In Albemarle County, trees were downed on the western portion of Charlottesville. One person was injured when a tree fell on a car on Old Ivy Road. Another tree fell onto a car on Sherwood Road, seriously injuring two people. Park Street was blocked by downed trees and power lines. In Greene County, trees and power lines were downed. In Frederick County, a tree was downed onto a home in Winchester. In Loudoun County, trees and power lines were downed on the west side of Leesburg. A wind gust of 54 MPH was recorded at the Leesburg Airport. In Clarke County, there was scattered damage from fallen trees. Near Berryville on Bishop Meade Road, a large



# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 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

tree fell onto a van. On Senseny Road, a tree limb fell onto power lines.

<b>Stafford County</b> 6 NW Stafford to Stafford	13	1230EST 1245EST			0	0	10K		<b>Thunderstorm Wind</b>
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Trees and power lines were downed.

<b>Stafford County</b> East Portion	13	1240EST 1340EST			0	0			<b>Flash Flood</b>
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Up to 1.5 feet of water covered the intersection of Route 610 and Route 1.

<b>Fredericksburg (C)</b> Fredericksburg	13	1245EST			0	0	100K		<b>Thunderstorm Wind</b>
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Trees and power lines were downed and three homes were damaged.

<b>King George County</b> Dahlgren	13	1253EST			0	0	5K		<b>Thunderstorm Wind</b>
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Trees and power lines were downed from Route 218 to the naval installation.

<b>Greene County</b> Ruckersville	13	1620EST			0	0	3K		<b>Thunderstorm Wind</b>
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Trees were downed across roads.

<b>Orange County</b> Unionville	13	1640EST			0	0	3K		<b>Thunderstorm Wind</b>
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Trees were downed at the intersection of routes 522 and 20.

<b>Orange County</b> Mine Run	13	1650EST			0	0	1K		<b>Thunderstorm Wind</b>
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A tree was downed onto Route 621.

Scattered thunderstorms with high winds and heavy rainfall moved through Northern Virginia, the Central Foothills, and the Northern Piedmont during the afternoon and evening of the 13th. In King George County, trees and power lines were downed in Dahlgren between Route 218 and the Naval Surface Weapons Center. In the northern portion of Stafford County, winds knocked down trees and power lines onto routes 610, 627, 643, 628, and 630. A wind gust of 54 MPH was recorded in Stafford where a chimney was blown down. At the intersection of Route 610 and Shelton Shop Road, two homes were damaged by downed trees. The intersection of Route 1 and Route 610 was flooded by up to 1 1/2 of water due to very heavy downpours. In Spotsylvania County, high winds knocked down trees and power lines across the city of Fredericksburg. Officials reported up to 35 downed trees and a spotter just east of town reported a wind gust of 45 MPH. A 2 foot diameter tree damaged two homes. Another home built in 1873 lost 1/3 of its roof and its chimney to high wind. In Fairfax County, pea to marble sized hail fell in Vienna. In Orange County trees were knocked down at the intersection of Route 522 and 20 in Unionville. Near Mine Run, winds measured at 45 MPH downed a tree onto Route 621. In Greene County, trees were downed across roads in Ruckersville.

<b>Greene County</b> Standardsville	18	1903EST			0	0			<b>Hail(0.88)</b>
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Nickel sized hail fell.

<b>Greene County</b> Dyke	18	2006EST			0	0			<b>Hail(1.00)</b>
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Quarter sized hail fell.

<b>Culpeper County</b> Jeffersonton	18	2020EST			0	0			<b>Hail(1.75)</b>
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Golfball sized hail fell.

<b>Greene County</b> Southwest Portion	18	2030EST 2130EST			0	0			<b>Flash Flood</b>
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# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 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

Several roads were closed due to flooding, especially in the Dyke area.

#### **Fauquier County** **4 E Warrenton**

<b>18</b>	<b>2040EST</b>				<b>0</b>	<b>0</b>			<b>Hail(1.75)</b>
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Golfball sized hail fell.

#### **Fairfax County** **Oakton**

<b>18</b>	<b>2050EST</b>				<b>0</b>	<b>0</b>	<b>1K</b>		<b>Thunderstorm Wind</b>
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Trees were downed.

#### **Albemarle County** **North Portion**

<b>18</b>	<b>2110EST</b>				<b>0</b>	<b>0</b>			<b>Flash Flood</b>
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Flooding was reported.

#### **Charlottesville (C)** **Charlottesville**

<b>18</b>	<b>2120EST</b>				<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind</b>
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Trees were downed.

Scattered thunderstorms with large hail, high winds, and heavy downpours moved through Northern Virginia and the Central Foothills during the evening of the 18th. In Greene County, nickel sized hail fell in Standardsville and quarter sized hail fell in Dyke. Also in Dyke, several roads were closed due to flooding. In Culpeper County, a spotter in Jeffersonton reported golf ball sized hail. In Fauquier County 4 miles east of Warrenton, golf ball sized hail fell. In Albemarle County, several downed trees blocked roads in Charlottesville. Hail of unknown size fell in Earlysville. Flooding was reported in the northern portion of the county. In Fairfax County, trees were downed in Oakton and pea sized hail fell in Reston.

#### **Rockingham County** **6 E Port Republic**

<b>22</b>	<b>1900EST</b>				<b>0</b>	<b>0</b>			<b>Wild/Forest Fire</b>
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A wildfire burned at least 800 acres between Rocktop Trail and Big Run in Shenandoah National Park.

A lightning strike on the afternoon of the 22nd started a wildfire about 6 miles east of Port Republic in Rockingham County. The wildfire burned at least 800 acres between Rocktop Trail and Big Run in Rockingham County before being brought under control on the 27th. The fire was able to spread to such a large area because of drought conditions and ample dry brush.

#### **Shenandoah County** **Northeast Portion**

<b>25</b>	<b>1725EST</b>				<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind</b>
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Trees were downed.

A thunderstorm with damaging winds moved across Shenandoah County on the evening of the 25th. Trees were downed in the northeastern portion of the county.

#### **Arlington County** **Arlington**

<b>27</b>	<b>1740EST</b>				<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind</b>
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Trees were downed.

#### **Alexandria (C)** **Alexandria**

<b>27</b>	<b>1745EST</b>				<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind</b>
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Trees and power lines were downed.

A thunderstorm moved through Arlington and Alexandria during the afternoon of the 27 th. In Arlington, high winds knocked down trees. Pea sized hail was reported at Reagan National Airport. In Alexandria, trees and power lines were downed. In Fairfax County, pea sized hail was reported in Vienna.



# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 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

#### Berkeley County

<b>Arden</b>	<b>04</b>	<b>1834EST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
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Dime sized hail fell.

#### Berkeley County

<b>Arden</b>	<b>04</b>	<b>1834EST</b>			<b>0</b>	<b>0</b>	<b>0.10K</b>		<b>Thunderstorm Wind</b>
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A tree was downed.

#### Hardy County

<b>Wardensville</b>	<b>04</b>	<b>1840EST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.75)</b>
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Golfball sized hail fell.

Scattered thunderstorms moved through the Eastern Panhandle during the evening of the 4th. In Hardy County, golf ball sized hail fell in Wardensville. In Berkeley County, dime sized hail fell and a tree was reported down along Interstate 81 near Arden. In Grant County, hail of unknown size fell in Bayard.

#### Berkeley County

<b>Countywide</b>	<b>05</b>	<b>1530EST 1600EST</b>			<b>0</b>	<b>0</b>	<b>15.5K</b>		<b>Thunderstorm Wind</b>
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Trees and telephone poles were downed onto roads and houses.

A severe thunderstorm hit Berkeley County during the late afternoon of the 5th. In Mountain View and Inwood, a tree fell onto a house. Hail of unknown size also fell in Inwood. In Martinsburg, trees and power lines were downed. The most widespread damage was reported in the Bunker Hill area. Several trees were uprooted and nine telephone poles were snapped off along Three Run Road and Aspen Drive. One tree fell onto a home and tore a hole in the roof. A total of 2600 county customers lost power as a direct result of the storm.

#### Berkeley County

<b>Countywide</b>	<b>06</b>	<b>1540EST 1600EST</b>			<b>0</b>	<b>0</b>	<b>7K</b>		<b>Thunderstorm Wind</b>
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Extensive tree damage and minor structural damage was reported.

#### Jefferson County

<b>Charles Town</b>	<b>06</b>	<b>1600EST</b>			<b>0</b>	<b>0</b>	<b>2K</b>		<b>Thunderstorm Wind</b>
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Trees were downed.

#### Jefferson County

<b>Countywide</b>	<b>06</b>	<b>1600EST</b>			<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind</b>
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Power lines were downed.

A thunderstorm with high winds moved through the far Eastern Panhandle between 4 and 6 PM EDT on the 6th. In Berkeley County, extensive tree damage was reported along Sulphur Spring Drive in Inwood. A construction trailer nearby was overturned and a building under construction suffered damaged scaffolding and siding. Trees were also downed in the community of Berkeley. Power outages occurred in Martinsburg. In Jefferson County, trees were downed in and around Charles Town. Power lines were downed countywide.

#### Berkeley County

<b>East Portion</b>	<b>13</b>	<b>1400EST 1800EST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
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Up to 3 inches of rain caused flooding in Inwood. The time was estimated.

Thunderstorms with heavy rainfall moved through Berkeley County during the afternoon of the 13th. Radar estimated as much as 3 inches of rain fell in the southeast portion of the county. An observer in Falling Waters recorded a total of 1.87 inches. Several cars were stranded on Route 51 near the intersection of Route 11 in Inwood when up to 3 feet of water covered the road.