



# National Weather Service

## Storm Data and Unusual Weather Phenomena



July 2001

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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### DISTRICT OF COLUMBIA

#### District Of Columbia

<b>Countywide</b>	<b>05</b>	<b>1610EST</b>			<b>0</b>	<b>0</b>			<b>Hail (0.75)</b>
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Marble to dime sized hail fell.

A thunderstorm with large hail moved across the District between 4:45 and 5:30 PM EDT on the 5th. Marble to dime sized hail was reported on Capitol Hill. Marble sized hail was reported at the Navy Yard and Northeast Washington. Pea sized hail fell at the National Arboretum.

### MARYLAND, Central

#### Carroll County

<b>Sykesville</b>	<b>01</b>	<b>1450EST</b>			<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind</b>
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Numerous trees were downed.

#### Baltimore County

<b>Countywide</b>	<b>01</b>	<b>1510EST 1525EST</b>			<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind</b>
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Trees were downed onto wires.

#### Baltimore City (C)

<b>Baltimore</b>	<b>01</b>	<b>1525EST 1530EST</b>			<b>0</b>	<b>0</b>	<b>8K</b>		<b>Thunderstorm Wind</b>
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Numerous trees were downed in the north portion of the city.

#### Baltimore County

<b>2 SE Towson</b>	<b>01</b>	<b>1530EST</b>			<b>0</b>	<b>0</b>	<b>1M</b>		<b>Lightning</b>
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An apartment building in Hillendale was uninhabitable after it was damaged by a lightning fire. Damage amount was estimated.

#### Montgomery County

<b>Darnestown</b>	<b>01</b>	<b>1700EST</b>			<b>0</b>	<b>0</b>			<b>Lightning</b>
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A house attic was damaged by a fire started by lightning.

#### Montgomery County

<b>Potomac</b>	<b>01</b>	<b>1700EST</b>			<b>0</b>	<b>0</b>	<b>80K</b>		<b>Lightning</b>
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A home was damaged by a lightning fire.

#### Charles County

<b>Countywide</b>	<b>01</b>	<b>1715EST</b>			<b>0</b>	<b>0</b>	<b>2K</b>		<b>Thunderstorm Wind</b>
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Several trees were downed.

#### Prince George'S County

<b>Bowie to Mitchellville</b>	<b>01</b>	<b>1720EST</b>			<b>0</b>	<b>0</b>	<b>250K</b>		<b>Thunderstorm Wind</b>
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Numerous trees were downed onto roads and property.

#### St. Mary'S County

<b>Countywide</b>	<b>01</b>	<b>1805EST</b>			<b>0</b>	<b>0</b>	<b>2K</b>		<b>Thunderstorm Wind</b>
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Trees and wires were downed.

Thunderstorms with damaging winds and frequent lightning moved through central Maryland between 3:30 and 7:30 PM EDT on the 1st. In Carroll County, numerous trees were downed in the Sykesville area. In Baltimore County, trees were downed in White Marsh and Catonsville. A wind gust of 53 MPH was recorded at Sparrows Point. Numerous trees were downed across the northern part of Baltimore. Lightning struck an apartment building in Hillendale and started a roof fire which made 12 units uninhabitable. In Montgomery County, a lightning fire caused \$80,000 damage to a home in Potomac. Another home in Darnestown was damaged by lightning. In Prince George's County, numerous trees and power lines were downed in Mitchellville, Glenn Dale, and the south portion of Bowie. Trees were downed onto Central Avenue, Chantilly Lane, Enterprise Road near Route 50, Mitchellville Road, Route 193, and Church Road. A few homes and cars were damaged by felled trees. Areas with concentrated tree damage included Pointer Ridge, Kingsford, and Kings Forest neighborhoods. A 46 MPH wind gust was recorded in Landover. In Charles County, several trees were downed. The hardest hit areas were in the western half of the county. In St. Mary's County, a 41 MPH wind gust was recorded in Tall Timbers. Trees and wires were downed countywide.



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### MARYLAND, Central

#### Montgomery County

Countywide	04	1600EST 1900EST			0	0			Heavy Rain
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#### Anne Arundel County

Odenton	04	1630EST			0	1			Lightning
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A 13-year-old boy was injured by lightning.

#### Prince George'S County

Bowie	04	1715EST			0	0			Hail (0.75)
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Pea to dime sized hail was reported in South Bowie.

#### Calvert County

Port Republic	04	1830EST			0	0	10K		Thunderstorm Wind
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A barn collapsed, a home received minor damage, and trees were downed.

Thunderstorms with heavy rainfall, strong winds, and dangerous lightning moved through central Maryland between 5 and 8 PM EDT on the 4th. In Montgomery County, a 40 MPH wind gust was reported in Chevy Chase where small limbs were downed. Rainfall totals included 3.14 inches in Forest Glen, 3.12 inches in Chevy Chase, and 2.25 inches in Bethesda. In Prince George's County, pea to dime sized hail and 2.08 inches of rain were reported in South Bowie. In Anne Arundel County, a 13-year-old boy was injured by lightning in Odenton. The bolt dug a shallow trench in the ground and a ball of fire shot toward two boys and a woman playing horseshoes under a tree. Two of the people had no visible injuries but the 13-year-old boy had burns on his legs. In Calvert County, high winds caused an old barn to collapse along Route 4, 1.2 miles south of Broomes Island Road near Port Republic. Nearby, trees were snapped, numerous large items were blown around, and a home suffered minor damage.

#### Montgomery County

Germantown	05	1450EST			0	0			Hail (1.50)
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Quarter to walnut sized hail was reported.

#### Prince George'S County

Suitland	05	1615EST			0	0			Hail (0.75)
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Pea to dime sized hail fell.

#### Frederick County

Ridgeville	05	1721EST			0	0	0.50K		Thunderstorm Wind
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Trees and wires were downed onto Woodville Road.

#### Carroll County

Sykesville	05	1745EST			0	0	2K		Thunderstorm Wind
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Several wires were downed.

#### Howard County

West Friendship	05	1750EST			0	0	0.50K		Thunderstorm Wind
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Trees were downed onto Gaither and Driver Road.

#### Baltimore County

Granite	05	1800EST			0	0	5K		Thunderstorm Wind
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Ten trees were downed.

#### Baltimore City (C)

Baltimore	05	1815EST			0	0	15K		Thunderstorm Wind
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Trees were downed across the city.

Thunderstorms with damaging winds, large hail, and heavy rainfall moved through central Maryland between 3:45 and 7:30 PM EDT on the 5th. In Frederick County, trees and wires were downed onto Woodville Road in Mt. Airy. In Carroll County, several wires were downed in Sykesville. In Frederick County, trees and wires were downed onto Woodville Road in Mt. Airy. In Carroll County, several wires were downed in Sykesville. In Baltimore County, ten trees were downed in Granite. In the city of Baltimore, around 200 trees were also downed, including a large tree that was felled onto a garage and power poles. An extensive area of trees were felled in the Pimlico Race Track area. Funnel clouds were sighted in the Woodlawn area. A wind gust of 43 MPH was recorded downtown. In Howard County, trees were downed across Gaither and Driver Roads in West Friendship. In Montgomery



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					Killed	Injured	Property	Crops	

### MARYLAND, Central

County, quarter to walnut sized hail was reported in Germantown. One stone with a diameter of two inches was found. A spotter estimated a wind gust of 45 MPH. In Prince George's County, pea to dime sized hail was reported in Suitland.

#### Frederick County

<b>Emmitsburg</b>	10	1506EST 1510EST			0	3			<b>Thunderstorm Wind (G60)<sup>M</sup></b>
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A 69 MPH wind gust was reported. Three workers were injured when a barn under construction collapsed.

#### Carroll County

<b>Countywide</b>	10	1530EST			0	0	5K		<b>Thunderstorm Wind</b>
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Trees were downed and a roof was damaged.

#### Allegany County

<b>Frostburg</b>	10	1553EST 1555EST			0	0			<b>Hail (0.75)</b>
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Dime sized hail fell.

#### Harford County

<b>Jarrettsville</b>	10	1602EST			0	0	30K		<b>Lightning</b>
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Lightning blew off a chimney and started an attic fire

#### Baltimore County

<b>Countywide</b>	10	1615EST 1624EST			0	0	0.50K		<b>Thunderstorm Wind</b>
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Trees were downed in Reisterstown and Randallstown.

#### Montgomery County

<b>Germantown</b>	10	1615EST			0	0	5K		<b>Hail (1.75)</b>
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Golfball sized hail damaged a car, shingles, and siding. The time of the event was estimated.

#### Baltimore City (C)

<b>West Baltimore</b>	10	1627EST			0	0	2K		<b>Thunderstorm Wind</b>
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Four trees were downed.

#### Prince George'S County

<b>Clinton</b>	10	2100EST			0	0	5K		<b>Thunderstorm Wind</b>
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Several trees were downed onto roads and cars in the Fox Run Estates neighborhood.

#### Calvert County

<b>Olivet</b>	11	0036EST			0	0	5K		<b>Thunderstorm Wind</b>
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Several trees were downed.

Thunderstorms with high wind, large hail, and dangerous lightning moved across Maryland between 4 PM EDT on the 10th through 2 AM EDT on the 11th. In Allegany County, dime sized hail fell in Frostburg where winds gusted to 40 MPH. In Frederick County, a 69 MPH wind gust was recorded in Emmitsburg where 2 inches of rain fell. Southeast of Emmitsburg, a 100x300 foot barn under construction on Dry Bridge Road collapsed. Three workers inside the structure were injured. Trees were downed near Rocky Ridge south of Thurmont. A spotter just across the Washington County border near Smithsburg reported a 45 MPH wind gust and viewed a possible tornado in Frederick County 10 miles northeast of their location. In Carroll County, several trees were felled. A portion of a tin roof was torn off in Detour. Three trees were downed in a campground near Double Pipe Creek. A wind gust of 42 MPH was recorded in Westminster. In Baltimore County, a wind gust of 48 MPH was recorded at the University of Maryland campus in Baltimore. Four trees were downed across the western part of Baltimore. Large trees were downed in Reisterstown and Randallstown and tree limbs were downed in Owings Mills. A total of 13,000 customers across the county lost power because of the storms. In Harford County, lightning struck a home in Jarrettsville. The bolt blew off the chimney and started the attic on fire resulting in \$30,000 damage. In Montgomery County, golfball sized hail was reported in Germantown. Damage was reported to a car and to shingles and siding on a townhouse. In Prince George's County, several trees were downed onto roads and cars in the Fox Run Estates neighborhood of Clinton. In Calvert County, several trees were downed in the Olivet area.



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### MARYLAND, Central

#### Harford County

East Portion	23	0000EST 2359EST			0	0			Heavy Rain
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Heavy rainfall occurred across northeast Maryland on the 23rd. Conowingo Dam recorded 3.54 inches of rain in 24 hours.

#### Calvert County Countywide

26	1300EST 1900EST			0	0			Heavy Rain
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#### Charles County Countywide

26	1300EST 1900EST			0	0			Heavy Rain
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#### Prince George'S County South Portion

26	1300EST 1900EST			0	0			Heavy Rain
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#### St. Mary'S County Countywide

26	1300EST 1900EST			0	0			Heavy Rain
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Storms with heavy rainfall moved across south central Maryland between 2 and 8 PM EDT on the 26th. In Prince George's County, 3.84 inches of rain was recorded in Accokeek and 2.27 inches fell at Brown Landfill. A basement flooded in Clinton where 4.51 inches was reported. Other spotters across the southern portion of the county reported rainfall amounts between 2.25 and 4.50 inches. In Charles County, 4.38 inches was recorded in Waldorf. In Calvert County, Meadow Lane in Breezy Point was flooded by runoff. Rainfall totals included 4.25 inches in Dunkirk, 4.18 inches in Huntingtown, and 3.00 in Prince Frederick. In St. Mary's County, rainfall totals included 5.15 inches in Morganza, 3.48 inches in Hollywood, 3.36 inches in Oraville, and 2.90 inches in Mechanicsville.

### VIRGINIA, North

#### Fauquier County Countywide

01	1600EST 1700EST			0	0	5K		Thunderstorm Wind
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Numerous trees and power lines were downed.

#### Prince William County Countywide

01	1623EST 1700EST			0	0	2K		Thunderstorm Wind
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Trees and power lines were downed.

#### Prince William County Manassas Arpt

01	1623EST			0	0			Thunderstorm Wind (G54) <sup>M</sup>
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A wind gust of 62 MPH was recorded.

#### Fairfax County Tysons Corner

01	1645EST			0	0			Hail (0.75)
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Dime sized hail was reported.

#### Fairfax (C) Fairfax

01	1645EST			0	0			Hail (0.75)
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Dime sized hail fell.

#### Fairfax County Lorton

01	1650EST			0	0			Thunderstorm Wind (G54) <sup>M</sup>
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A wind gust of 62 MPH was recorded.

#### Fairfax County Mt Vernon

01	1650EST			0	0	0.50K		Thunderstorm Wind
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Two trees were downed.



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### VIRGINIA, North

#### Loudoun County

<b>Leesburg</b>	<b>01</b>	<b>1700EST</b>			<b>0</b>	<b>0</b>	<b>3K</b>		<b>Lightning</b>
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A tree struck by lightning fell onto a car. The 911 system was temporarily knocked offline by lightning

#### Manassas (C)

<b>Manassas</b>	<b>01</b>	<b>1700EST</b>			<b>0</b>	<b>0</b>	<b>2K</b>		<b>Thunderstorm Wind</b>
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Numerous trees were downed.

#### Prince William County

<b>Quantico</b>	<b>01</b>	<b>1728EST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (G57)<sup>M</sup></b>
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A 66 MPH wind gust was reported.

#### Loudoun County

<b>Countywide</b>	<b>01</b>	<b>1730EST</b>			<b>0</b>	<b>0</b>	<b>2K</b>		<b>Thunderstorm Wind</b>
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Trees and wires were downed.

#### Spotsylvania County

<b>Four Mile Fork</b>	<b>01</b>	<b>1900EST 1915EST</b>			<b>0</b>	<b>0</b>	<b>1K</b>		<b>Thunderstorm Wind</b>
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Several trees were downed.

#### Fredericksburg (C)

<b>Fredericksburg</b>	<b>01</b>	<b>1915EST</b>			<b>0</b>	<b>1</b>			<b>Lightning</b>
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A man was injured by lightning after a bolt struck his home. Other homes across the county were damaged by lightning.

#### Fairfax County

<b>5 E Vienna</b>	<b>01</b>	<b>2000EST 2030EST</b>			<b>0</b>	<b>0</b>	<b>2K</b>		<b>Thunderstorm Wind</b>
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Downed power lines blocked Route 7.

Thunderstorms with damaging winds and frequent lightning moved through Northern Virginia between 5 and 9 PM EDT on the 1st. In Loudoun County, trees and wires were downed. Lightning struck several structures including the 911 system which was temporarily knocked off the air. A tree that was struck by lightning fell onto a car in Leesburg. In Fairfax County, two trees were downed in the Yacht Haven section of Mt. Vernon. Downed power lines blocked Route 7 near George Marshall High School between the beltway and Route 66. Trees fell onto an apartment building along Route 7 two miles east of Tyson's Corner. A 62 MPH gust was recorded by an automated sensor in Lorton. Dime sized hail fell in the city of Fairfax. In Fauquier County, numerous trees and power lines were downed in and around Warrenton. A 40 MPH wind gust was estimated in Opal. In Prince William County, a 62 MPH wind gust was reported at the Manassas Airport. Numerous trees and power lines were downed in Manassas, Woodbridge, Montclair, Independent Hill, and elsewhere across the country. Quantico AWOS recorded a wind gust of 66 MPH. In Spotsylvania County, several homes were struck and damaged by lightning. One man in a home near the Route 17 bypass on the west side of Fredericksburg was injured by lightning when electricity passed through the structure. The 29-year-old victim who had been struck by lightning before reported tingling all over his body and could not move for a while. The lightning strike also scorched some drywall in the home. High winds downed a tree onto Mine Road near Four Mile Fork and several trees were downed just west of Fredericksburg.

#### Stafford County

<b>West Portion</b>	<b>05</b>	<b>1545EST</b>			<b>0</b>	<b>0</b>	<b>1K</b>		<b>Thunderstorm Wind</b>
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Trees were downed across Garrisonville and Rock Hill Church Roads

A thunderstorm with high winds moved across Stafford County between 4:30 and 5:00 PM EDT on the 5th. Trees were downed across Garrisonville and Rock Hill Church Roads.



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### VIRGINIA, North

<b>Loudoun County</b> <b>Philomont to Purcellville</b>	<b>10</b>	<b>1515EST 1530EST</b>			<b>0</b>	<b>0</b>	<b>2K</b>		<b>Thunderstorm Wind</b>
Trees were downed.									
<b>Loudoun County</b> <b>Round Hill</b>	<b>10</b>	<b>1515EST</b>			<b>0</b>	<b>0</b>			<b>Hail (1.75)</b>
Golfball sized hail was reported									
<b>Warren County</b> <b>Happy Creek</b>	<b>10</b>	<b>1830EST</b>			<b>0</b>	<b>0</b>	<b>1K</b>		<b>Thunderstorm Wind</b>
Trees were downed across roads.									
<b>Fauquier County</b> <b>North Portion</b>	<b>10</b>	<b>1845EST</b>			<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind</b>
Trees were downed.									
<b>Manassas (C)</b> <b>Manassas</b>	<b>10</b>	<b>1920EST</b>			<b>0</b>	<b>0</b>	<b>2K</b>		<b>Thunderstorm Wind</b>
Trees were downed.									
<b>Prince William County</b> <b>Central Portion</b>	<b>10</b>	<b>1920EST</b>			<b>0</b>	<b>0</b>	<b>2K</b>		<b>Thunderstorm Wind</b>
Trees were downed outside of Manassas.									

Thunderstorms with large hail and high winds moved across northern Virginia between 4:00 and 8:30 PM EDT. In Warren County, trees were downed across a road in Happy Creek. In Loudoun County, golfball sized hail fell in Round Hill. Hail was also reported at Mt. Weather. Trees were downed in the Philomont and Purcellville areas. In Fauquier County, scattered trees were downed across the northern portion of the county. In Prince William County, trees were downed in and just outside of Manassas. A wind gust of 52 MPH was recorded at the Manassas Airport.

<b>Fairfax County</b> <b>Southeast Portion</b>	<b>26</b>	<b>1300EST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
<b>Madison County</b> <b>Countywide</b>	<b>26</b>	<b>1300EST 1900EST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
<b>Prince William County</b> <b>Countywide</b>	<b>26</b>	<b>1300EST 1900EST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
<b>Stafford County</b> <b>Countywide</b>	<b>26</b>	<b>1300EST 1900EST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>

Storms with heavy rainfall crossed a portion of northern Virginia between 2 and 8 PM EDT on the 26th. In Madison County, a spotter reported a total of 2.40 inches. In Stafford County, 3.88 inches was recorded just northeast of Fredericksburg. Route 624 was closed by flooding. In Prince William County, 4.5 inches fell in Woodbridge. In Dale City, Neabsco Creek overflowed onto Route 1 between Blackburn and Neabsco Roads closing the busy highway for hours. The creek overflowed onto Route 1 because debris clogged the water's passage under the bridge. One car dealership on Route 1 and several other businesses reported flood damage. A total of 2.50 inches was reported in Canova and 3.45 inches fell at Quantico Marine Corps Base. Minor flooding occurred along Route 234 near Lake Jackson where 2.04 inches was recorded. In southeast Fairfax County, a total of 4.79 inches was recorded in the Mt. Vernon area.

<b>Augusta County</b> <b>Countywide</b>	<b>29</b>	<b>0400EST 2359EST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
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					Killed	Injured	Property	Crops	
<b><u>VIRGINIA, North</u></b>									
Highland County Countywide	29	0400EST 2359EST			0	0			Heavy Rain
Madison County Countywide	29	0400EST 2359EST			0	0			Heavy Rain
Nelson County Countywide	29	0400EST 2359EST			0	0			Heavy Rain
Page County Countywide	29	0400EST 2359EST			0	0			Heavy Rain
Rappahannock County Countywide	29	0400EST 2359EST			0	0			Heavy Rain
Rockingham County Countywide	29	0400EST 2359EST			0	0			Heavy Rain
Shenandoah County Countywide	29	0400EST 2359EST			0	0			Heavy Rain
Warren County Countywide	29	0400EST 2359EST			0	0			Heavy Rain

A warm front over the region served as a focus for showers and thunderstorms on the 29th. In Highland County, 2.90 inches of rain fell in Mustoe. In Augusta County, totals included 2.64 inches in Sherando, 3.32 inches at Stoney Creek, 2.20 inches at Robinson Hollow, 2.19 inches in Middlebrook, and 2.12 inches in Stokesville. In Nelson County, totals included 3.12 inches at Montebello Fish, 2.44 inches at Afton Mountain, and 2.40 inches at Rockfish. In Rockingham County, totals included 2.88 inches at Long Run Road and 2.16 inches at Cootes Store. In Shenandoah County, totals included 2.84 inches at Smith Creek, 2.48 inches at Camp Roosevelt, 2.47 inches in Woodstock, 2.40 inches at Jerome Gap and Strasburg Reservoir, and 2.36 inches at Burnshire Dam and Zepp. In Page County, totals included 3.60 inches at Lewis Mountain Camp, 3.92 inches at Skyland and Big Meadows, 2.72 inches at Rocky Branch and Luray, and 2.40 inches at Ida. In Madison County, totals included 3.24 inches in Hood, 2.80 inches in Nethers, 2.72 inches in Graves Mill, 2.68 inches at Fork Mountain, and 2.44 inches in Syria. In Rappahannock County, totals included 2.74 inches in Washington and 2.10 inches in Massie's Corner. In Warren County, totals included 2.70 inches at Manassas Gap, 2.16 inches at Hogback Mountain, and 2.00 inches in Limeton.

### **WEST VIRGINIA, East**

Mineral County North Portion	10	1620EST			0	0	0.50K		Thunderstorm Wind
			A few trees were downed.						
Hampshire County North Portion	10	1640EST			0	0	1K		Thunderstorm Wind
			Trees and power lines were downed.						

A thunderstorm with high winds crossed the northern portion of Mineral and Hampshire Counties between 5 and 6 PM EDT on the 10th. In Mineral County, a few trees were downed in the Patterson Creek area. In Hampshire County, trees and power lines were downed. A large tree blocked Route 29 near Slanesville. Hail of unknown size fell near Springfield.



# National Weather Service

## Storm Data and Unusual Weather Phenomena



July 2001

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**

**Grant County  
Countywide**

29	0400EST 2359EST				0	0			Heavy Rain
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**Hardy County  
Countywide**

29	0400EST 2359EST				0	0			Heavy Rain
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**Pendleton County  
Countywide**

29	0400EST 2359EST				0	0			Heavy Rain
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A warm front over the region served as a focus for showers and thunderstorms on the 29th. In Pendleton County, rainfall totals included 2.24 inches at Middle Mountain, 2.16 at Cow Knob, 2.08 inches at Spruce Knob, and 2.04 inches at Bennett Gap. In Grant County, totals included 2.80 inches at Red Creek and 2.44 inches at Cave Mountain. In Hardy County, totals included 2.88 inches at Devils Hole and 2.00 inches at High Rocks.