



National Weather Service

Storm Data and Unusual Weather Phenomena



March 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

DCZ001 **District Of Columbia**
06 0900EST **0** **0** **Strong Wind**
07 0400EST

Strong low pressure over New England brought gusty northwest winds between 35 and 50 MPH to the Mid Atlantic region from the morning of the 6th through the early morning hours of the 7th. A wind gust of 44 MPH was recorded at Washington Reagan National Airport.

District Of Columbia
Countywide **13 2155EST** **0** **0** **5K** **Thunderstorm Wind**
2200EST

Nine trees were downed.

District Of Columbia
Northwest Portion **13 2157EST** **0** **0** **Thunderstorm Wind (G54)^M**

A wind gust of 62 MPH was recorded on the top of a building at the intersection of Florida and Connecticut Avenues.

A line of showers and a few thunderstorms moved across the Washington D.C. metropolitan area around 10 PM on the 13th. These storms produced winds in excess of 55 MPH across the District. An anemometer on the roof of a building on the corner of Florida and Connecticut Avenue recorded a wind gust of 62 MPH. Winds gusted to 48 MPH at Washington Reagan National Airport. At the intersection of Wisconsin Avenue and Porter Street NW, winds toppled a portable toilet. Across the city, nine trees were downed.

DCZ001 **District Of Columbia**
21 0700EST **0** **3** **40K** **Strong Wind**
1600EST

Two cars were crushed by fallen trees and 3 people were injured

A Nor'easter moved from the North Carolina coast to New England from the 20th to the 22nd. As it passed by the Mid Atlantic region, it dropped 1.5 inches of rain between midnight and mid afternoon on the 21st. After the precipitation ended, northwest winds gusted up to 45 MPH. A wind gust of 44 MPH was recorded at Washington Reagan National Airport and a gust of 42 MPH was reported downtown. The high winds downed several trees. One tree fell onto a passing car on Blagden Avenue NW, damaging the car extensively and giving the driver a bump on the head. Another tree fell onto a truck on Massachusetts Avenue, causing major damage to the front of the vehicle. The driver and passenger sustained neck injuries. Another car on Massachusetts Avenue ran into the downed tree head-on but the three occupants were not injured. Two houses on Brandywine Street NW were damaged by felled trees and power lines were downed.

District Of Columbia
Countywide **29 1000EST** **0** **0** **Heavy Rain**
30 1000EST

Low pressure brought a period of heavy rainfall to the Mid Atlantic region between the morning of the 29th and the morning of the 30th. Rainfall totals included 1.61 inches at the National Arboretum and 1.49 inches at Washington Reagan National Airport.

MARYLAND, Central

MDZ002 **Allegany**
04 1400EST **0** **0** **Winter Storm**
05 1000EST

MDZ003>007-009-011 **Washington - Frederick - Carroll - Northern Baltimore - Harford - Montgomery - Southern Baltimore**
04 1400EST **0** **0** **Winter Weather**
05 1200EST

A Nor'easter formed off the coast of North Carolina and moved northward along the Atlantic seaboard on the 4th and 5th. This storm brought moisture onshore and resulted in two days of precipitation across the Mid Atlantic area. As the storm passed by the Delmarva Peninsula a strong easterly wind pushed tides along the western shore of the Chesapeake Bay about 2 feet above normal



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MARYLAND, Central

which resulted in minor flooding at high tide from late evening on the 4th through the early morning hours of the 5th. Because temperatures were above freezing for most of the storm, a majority of the precipitation fell as rain, especially south and east of Washington D.C. and Baltimore. North and east of Baltimore and Washington D.C. to Hagerstown and average of 1.5 to 3 inches of snow was recorded and a brief period of sleet was also noted. In the high terrain of northwest Frederick County, 5.8 inches of snow fell. From Hagerstown to Frostburg, a total of 3 to 5 inches of snow accumulated. From Frostburg to the Garrett/Allegany border, a period of lake effect snow following the main storm on the 6th left an additional 5 inches along the ridges. Frostburg ended up with a grand total of 9.5 inches. After the precipitation from the Nor'easter ended, northwest winds gusted up to 40 MPH during the afternoon and evening of the 5th.

MDZ002>007-009>011-013>014-016>018

Allegany - Washington - Frederick - Carroll - Northern Baltimore - Harford - Montgomery - Howard - Southern Baltimore - Prince Georges - Anne Arundel - Charles - St. Mary'S - Calvert

06	0900EST	0	0	5K	Strong Wind
07	0400EST				

Strong low pressure over New England brought gusty northwest winds between 35 and 50 MPH to the Mid Atlantic region from the morning of the 6th through the early morning hours of the 7th. Recorded wind gusts included 51 MPH at Andrews Air Force Base in Prince George's County, 49 MPH at Tall Timbers in St. Mary's County, 41 MPH at Cumberland in Allegany County, and 40 MPH at Baltimore/Washington International Airport, Laurel in Howard County, and Martin State Airport just east of Baltimore.

**Washington County
Smithsburg**

13	2113EST	0	0	5K	Thunderstorm Wind (G56) ^M
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Trees and power lines were downed by a wind gust of 64 MPH.

**Frederick County
Countywide**

13	2120EST 2130EST	0	0	5K	Thunderstorm Wind
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Trees and wires were downed.

**Frederick County
Frederick**

13	2120EST 2125EST	0	0	10K	Thunderstorm Wind (G52)
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Several trees and power lines were downed by winds estimated at 60 MPH.

**Frederick County
Frederick Arpt**

13	2125EST	0	0		Funnel Cloud
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Two funnel cloud reports were received via dispatch near the airport.

**Montgomery County
Countywide**

13	2130EST 2200EST	0	0	15K	Thunderstorm Wind
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Numerous trees were downed.

**Montgomery County
Damascus**

13	2145EST	0	0		Thunderstorm Wind (G57)
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A wind gust of 65 MPH was estimated.

**Carroll County
Countywide**

13	2150EST	0	0	5K	Thunderstorm Wind
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Trees were downed.

**Howard County
Countywide**

13	2150EST	0	0	5K	Thunderstorm Wind
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Thirteen trees were downed.

**Prince George'S County
Countywide**

13	2158EST 2225EST	0	0	5K	Thunderstorm Wind
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Trees and wires were damaged.

**Anne Arundel County
Countywide**

13	2200EST 2220EST	0	0	2K	Thunderstorm Wind
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Tree and wire damage was reported.



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MARYLAND, Central

Charles County

Countywide	13	2200EST 2220EST			0	0	2K		Thunderstorm Wind
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Trees were downed.

Baltimore County

Parkton	13	2205EST			0	0			Thunderstorm Wind (G50) ^M
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A wind gust of 58 MPH was reported.

Baltimore City (C)

Baltimore	13	2205EST			0	0	5K		Thunderstorm Wind
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Trees and power lines were downed.

Calvert County

Chesapeake Beach	13	2220EST			0	0	2K		Thunderstorm Wind (G52)
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Winds estimated at 60 MPH downed trees.

Anne Arundel County

Crownsville	13	2225EST			0	0			Lightning
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Lightning struck a home.

A line of showers and a few thunderstorms moved across North Central and South Central Maryland between 9 and 11 PM on the 13th. These storms produced winds in excess of 55 MPH and pea sized hail. In Allegany County, a wind gust of 39 MPH was recorded in Cumberland. In Washington County, a wind gust of 64 MPH downed trees and power lines in Smithsburg. In Frederick County, several trees were downed in Frederick by winds estimated at 60 MPH. Two people in town reported seeing a funnel cloud. Trees and power lines were also downed across the county. Across Carroll County, trees were downed onto roads and a car. A chimney was also toppled. Measured wind gusts included 48 MPH in Millersville, 44 MPH in Westminster, and 42 MPH in Millers. In Baltimore County, winds gusted to 58 MPH in Parkton and 40 MPH in Owings Mills. Trees and power lines were downed across the city of Baltimore. Across Harford County, a few branches were downed. Across Howard County, thirteen trees were downed. Winds gusted to 55 MPH in Laurel and 50 MPH in Ellicott City.

Across Montgomery County, trees were downed in Silver Spring, Bethesda, and Chevy Chase. A wind gust of 65 MPH was estimated in Damascus. Across Prince George's County, trees and wires were downed. A gust of 56 MPH was recorded at Andrews Air Force Base and winds gusted to 46 MPH in South Bowie. Across Anne Arundel County, trees and wires were downed. One tree fell onto a home in Severna Park. Lightning struck a home in Crownsville. Winds gusted to 43 MPH at Baltimore/Washington International Airport and 50 MPH at Rivera Beach. In Calvert County, winds estimated at 60 MPH downed trees in Chesapeake Beach and elsewhere across the county. Across Charles County, trees were downed including one which fell onto a home in Bryans Road. In St. Mary's County, a wind gust of 56 MPH was reported at Tall Timbers and a gust of 47 MPH was reported in Hollywood.

Anne Arundel County

Countywide	21	0000EST 1400EST			0	0			Heavy Rain
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Baltimore County

Countywide	21	0000EST 1400EST			0	0			Heavy Rain
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Baltimore City (C)

Countywide	21	0000EST 1400EST			0	0			Heavy Rain
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Calvert County

Countywide	21	0000EST 1400EST			0	0			Heavy Rain
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MARYLAND, Central

Carroll County Countywide	21	0000EST 1400EST			0	0			Heavy Rain
Charles County Countywide	21	0000EST 1400EST			0	0			Heavy Rain
Harford County Countywide	21	0000EST 1400EST			0	0			Heavy Rain
Howard County Countywide	21	0000EST 1400EST			0	0			Heavy Rain
MDZ002 Allegany	21	0000EST 1400EST			0	0			Winter Weather
Montgomery County Countywide	21	0000EST 1400EST			0	0			Heavy Rain
Prince George'S County Countywide	21	0000EST 1400EST			0	0			Heavy Rain
St. Mary'S County Countywide	21	0000EST 1400EST			0	0			Heavy Rain
MDZ003-006-009-014-017 Washington - Northern Baltimore - Montgomery - Anne Arundel - St. Mary'S	21	0700EST 1600EST			0	1	110K		Strong Wind

A Nor'easter moved from the North Carolina coast to New England from the 20th to the 22nd. As it passed by the Mid Atlantic region, it dropped heavy precipitation between midnight and mid afternoon on the 21st. From Washington County eastward, the precipitation fell in the form of rain and totaled between 1 and 2.5 inches. A rain/snow mix fell across Allegany County. Two inches of snowfall was reported in Frostburg. After the precipitation ended on the 21st, northwest winds gusted between 35 and 50 MPH. Recorded gusts included 52 MPH at Parkton in Baltimore County, 51 MPH at Smithsburg in Washington County, 43 MPH at Tall Timbers in St. Mary's County, 41 MPH at Hagerstown, and 40 MPH at Baltimore/Washington International Airport. In Montgomery County, high winds toppled a tree onto a passing car in Bethesda, injuring the driver. High wind also downed trees onto a home in both Colesville and Silver Spring. In Baltimore County, tree limb and power line damage was reported. In Anne Arundel County, a 60 foot tree fell onto a home in Maryland City and caused extensive damage. A live power line was downed onto a dump truck in Gambrills, trapping the driver. Across the county, 8 power lines were downed by high winds and 2000 customers lost power. In Washington County, the cap blew off the back of a pickup truck and was carried 500 feet near Smithsburg. In addition, several trees were downed, a small silo blew apart, and some shingles were blown off a home.

Anne Arundel County Countywide	29 30	1000EST 1000EST			0	0			Heavy Rain
Baltimore County Countywide	29 30	1000EST 1000EST			0	0			Heavy Rain
Baltimore City (C) Countywide	29 30	1000EST 1000EST			0	0			Heavy Rain



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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MARYLAND, Central</u>									
Calvert County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Carroll County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Charles County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Frederick County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Harford County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Howard County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Montgomery County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Prince George'S County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Washington County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							

Low pressure brought a period of heavy rainfall to the Mid Atlantic region between the morning of the 29th and the morning of the 30th. Between 1.5 and 2.5 inches of rain was recorded.

VIRGINIA, North

VAZ021-028-031-042

Highland - Frederick - Clarke - Loudoun

04	1400EST	0	0	Winter Weather
05	1200EST			

A Nor'easter formed off the coast of North Carolina and moved northward along the Atlantic seaboard on the 4th and 5th. This storm brought moisture onshore and resulted in two days of precipitation across the Mid Atlantic area. Because temperatures were above freezing for most of the storm, a majority of the precipitation fell as rain from the Shenandoah Valley eastward. However, across the higher terrain of Highland County and Northern Shenandoah Valley, between 2 and 5 inches of snow was recorded. After the precipitation ended, northwest winds gusted up to 40 MPH during the afternoon and evening of the 5th.

VAZ021-025>031-036>042-050>057

Highland - Augusta - Rockingham - Shenandoah - Frederick - Page - Warren - Clarke - Nelson - Albemarle - Greene - Madison - Rappahannock - Fauquier - Loudoun - Orange - Culpeper - Prince William - Fairfax - Arlington - Stafford - Spotsylvania - King George

06	0900EST	0	0	Strong Wind
07	0400EST			

Strong low pressure over New England brought gusty northwest winds between 35 and 50 MPH to the Mid Atlantic region from the morning of the 6th through the early morning hours of the 7th. Recorded wind gusts across the northern third of Virginia included 52 MPH at New Market in Shenandoah County, 45 MPH at Winchester Regional Airport and Dulles International Airport, 44 MPH at Leesburg in Loudoun County and Washington Reagan National Airport, 43 MPH at Culpeper in Culpeper County and Ft. Belvoir in Fairfax County, 41 MPH at Manassas Regional Airport, and 40 MPH at Charlottesville. The wind gusts were strong enough to blow a metal storage building off its hinges at Maurertown in Shenandoah County around 2:30 PM on the 6th.



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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>VIRGINIA, North</u>									
Clarke County Countywide	13	2113EST			0	0	5K		Thunderstorm Wind
			Trees and power lines were downed.						
Fauquier County Countywide	13	2120EST 2130EST			0	0	5K		Thunderstorm Wind
			Trees were downed.						
Fauquier County 1 N Delaplane	13	2120EST			0	0			Thunderstorm Wind (G52) ^M
			A wind gust of 60 MPH was recorded.						
Loudoun County Countywide	13	2120EST 2130EST			0	0	5K		Thunderstorm Wind
			Trees were downed.						
Prince William County Countywide	13	2126EST 2156EST			0	0	2K		Thunderstorm Wind
			Trees were downed onto power lines.						
Loudoun County 3 SW Ashburn	13	2127EST			0	0	150K		Thunderstorm Wind
			Eight townhouse units under construction were blown over.						
Fairfax County Countywide	13	2130EST 2200EST			0	0	15K		Thunderstorm Wind
			Trees were downed onto roads, yards, and a car.						
Loudoun County Ashburn	13	2130EST			0	0			Thunderstorm Wind (G53) ^M
			Winds gusted to 61 MPH.						
Loudoun County Dulles Intl Arpt	13	2130EST			0	0			Thunderstorm Wind (G50) ^M
			A wind gust of 58 MPH was recorded at the National Weather Service Forecast office near Dulles Airport.						
Fairfax (C) Fairfax	13	2135EST 2150EST			0	0	2K		Thunderstorm Wind
			Trees were downed.						
Manassas (C) Manassas	13	2145EST			0	0			Thunderstorm Wind (G62) ^M
			A wind gust of 71 MPH was recorded at the intersection of Wesley and Fairview Avenues.						
Fairfax County Reston	13	2146EST			0	0			Thunderstorm Wind (G54) ^M
			Winds gusted to 62 MPH						
Arlington County Arlington	13	2150EST 2155EST			0	0	2K		Thunderstorm Wind
			Trees were downed.						
Arlington County Arlington	13	2150EST			0	0			Thunderstorm Wind (G52) ^M
			A wind gust of 60 MPH was recorded at Jefferson Middle School.						
Falls Church (C) Falls Church	13	2150EST			0	0	2K		Thunderstorm Wind
			Trees and wires were damaged.						



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VIRGINIA, North

Alexandria (C)

Alexandria	13	2155EST			0	0			Thunderstorm Wind (G53) ^M
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A wind gust of 61 MPH was recorded.

Fairfax County

Springfield	13	2200EST			0	0	10K		Thunderstorm Wind
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A 10 year old church steeple was downed.

Rappahannock County

Sperryville	13	2200EST			0	0			Thunderstorm Wind (G57)
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A wind gust of 65 MPH was estimated.

Frederick County

Gainesboro	13	2210EST			0	0	10K		Thunderstorm Wind
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A tree was downed onto a car and other trees fell onto power lines and roads.

A line of showers and a few thunderstorms moved across extreme northern Virginia between 10 PM and 11 PM on the 13th. These storms produced winds in excess of 55 MPH and pea sized hail. In Frederick County, a wind gust of 53 MPH was recorded at the Winchester Airport. In Gainesboro, a tree was downed onto a car and several other trees were downed in the vicinity. Across Clarke County, trees and power lines were downed. Across Loudoun County, scattered trees were downed. A wind gust of 61 MPH was recorded in Ashburn. Nearby in a subdivision near the Dulles Toll Road, the wooden skeleton of 8 townhouses under construction were destroyed. Winds estimated at 45 MPH ripped a large section of siding off the side of a home in Leesburg. A wind gust of 53 MPH was recorded in Middleburg and a wind gust of 58 MPH was reported at the National Weather Service Forecast Office near Dulles Airport. Across Fairfax County, trees were downed. A 62 MPH gust was measured in Reston and a 44 MPH gust was reported at Ft. Belvoir. A church steeple was felled by high winds in Springfield. A tree was downed onto a parked car in Vienna. Trees were downed across the city of Fairfax. In Falls Church, trees and wires were damaged by winds that gusted to 52 MPH. In Arlington County, a wind gust of 60 MPH was recorded at a school and trees were downed across the city of Arlington. Winds gusted to 48 MPH at Washington Reagan National Airport. In Alexandria, winds gusted to 61 MPH. In Prince William County, trees and power lines were downed. A wind gust of 71 MPH was recorded in Manassas. Across Fauquier County, trees were downed. A wind gust of 60 MPH was measured one mile north of Delaplane. In Rappahannock County, a wind gust of 65 MPH was estimated in Sperryville. In Culpeper County, a wind gust of 50 MPH was estimated in Boston. In Page County, a wind gust of 52 MPH was reported in Stanley. In the city of Stanton, wind gusts were estimated at 45 MPH.

Albemarle County

Countywide	21	0000EST 1400EST			0	0			Heavy Rain
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Alexandria (C)

Countywide	21	0000EST 1400EST			0	0			Heavy Rain
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Charlottesville (C)

Countywide	21	0000EST 1400EST			0	0			Heavy Rain
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Fairfax County

Countywide	21	0000EST 1400EST			0	0			Heavy Rain
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Fairfax (C)

Countywide	21	0000EST 1400EST			0	0			Heavy Rain
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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>									
Greene County Countywide	21	0000EST 1400EST			0	0			Heavy Rain
Highland County Countywide	21	0000EST 1400EST			0	0			Heavy Rain
Loudoun County Countywide	21	0000EST 1400EST			0	0			Heavy Rain
Manassas (C) Manassas	21	0000EST 1400EST			0	0			Heavy Rain
Prince William County Countywide	21	0000EST 1400EST			0	0			Heavy Rain
Stafford County Countywide	21	0000EST 1400EST			0	0			Heavy Rain
VAZ021-025-029	Highland - Augusta - Page								
	21	0000EST 1400EST			0	0			Winter Storm
VAZ036-039	Nelson - Madison								
	21	0000EST 1400EST			0	0			Winter Weather
VAZ027-037-042-052>054	Shenandoah - Albemarle - Loudoun - Prince William - Fairfax - Arlington								
	21	0700EST 1600EST			0	0			Strong Wind
Augusta County Countywide	21	1000EST 1600EST			0	0			Flash Flood
Clarke County Countywide	21	1000EST 1600EST			0	0			Flash Flood
Culpeper County Countywide	21	1000EST 1600EST			0	0			Flash Flood
Fauquier County Countywide	21	1000EST 1600EST			0	0			Flash Flood
Frederick County Countywide	21	1000EST 1600EST			0	0			Flash Flood
Harrisonburg (C) Harrisonburg	21	1000EST 1600EST			0	0			Flash Flood
Madison County Countywide	21	1000EST 1600EST			0	0			Flash Flood
Orange County Countywide	21	1000EST 1600EST			0	0			Flash Flood
Page County Countywide	21	1000EST 1600EST			0	0			Flash Flood
Rappahannock County Countywide	21	1000EST 1600EST			0	0			Flash Flood



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VIRGINIA, North

Rockingham County

Countywide	21	1000EST 1600EST			0	0			Flash Flood
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Shenandoah County

Countywide	21	1000EST 1600EST			0	0			Flash Flood
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Staunton (C)

Staunton	21	1000EST 1600EST			0	0			Flash Flood
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Warren County

Countywide	21	1000EST 1600EST			0	0			Flash Flood
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Waynesboro (C)

Waynesboro	21	1000EST 1600EST			0	0			Flash Flood
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Winchester (C)

Winchester to Countywide	21	1000EST 1600EST			0	0			Flash Flood
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A Nor'easter moved from the North Carolina Coast to New England from the 20th to the 22nd. As it passed by the Mid Atlantic region, it dropped heavy precipitation between midnight and mid afternoon on the 21st. Below 2000 feet, the precipitation fell in the form of rain. Across the Shenandoah Valley and just east of the Blue Ridge Mountains, the storm system dropped between 2 and 5 inches of rain which resulted in flash flooding. Some of the highest regional rainfall totals included 5.48 inches at Robinson Hollow in Augusta County, 4.44 inches at Big Meadows in Page County, 4.36 inches at Strasburg Reservoir in Shenandoah County, and 3.13 inches at Waynesboro. Numerous roads and low water crossings were closed by high water in Frederick, Augusta, Page, Shenandoah, Warren, Culpeper, Fauquier, Rappahannock, Orange, Madison, Rockingham, and Clarke Counties. Rainfall amounts between 1 and 2.5 inches were reported across the Central Piedmont and across counties bordering the Potomac River. In Stafford County, River Road and Route 607 were flooded. In Loudoun County, portions of Route 652, 653, 607, 746, 790 were covered by water. In Alexandria, portions of King Street were closed by high water.

Above 2000 feet, a rain/snow mix was reported. Snowfall accumulations of 4 to 8 inches were documented across Highland and western Augusta Counties. Along Skyline Drive, 2 to 5 inches of snow fell. After the precipitation ended on the 21st, northwest winds increased to between 25 and 45 MPH. Recorded wind gusts included 47 MPH at New Market in Shenandoah County, 44 MPH at Charlottesville and Washington Reagan National Airport, and 41 MPH at Dulles International Airport in Loudoun County. The gusty winds downed a tree onto a shed near Conicville in Shenandoah County. In Fairfax County, a tree was downed onto a power line in Woodbridge and Springfield and a tree fell onto the Fairfax County Parkway. In the city of Fairfax, a downed tree blocked a portion of Gunpowder Road.

Albemarle County

Countywide	29 30	1000EST 1000EST			0	0			Heavy Rain
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Alexandria (C)

Alexandria	29 30	1000EST 1000EST			0	0			Heavy Rain
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Arlington County

Countywide	29 30	1000EST 1000EST			0	0			Heavy Rain
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Augusta County

Countywide	29 30	1000EST 1000EST			0	0			Heavy Rain
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National Weather Service

Storm Data and Unusual Weather Phenomena



March 2001

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>									
Charlottesville (C)									
Charlottesville	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Clarke County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Culpeper County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Fairfax County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Fairfax (C)									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Falls Church (C)									
Falls Church	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Fauquier County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Frederick County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Fredericksburg (C)									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Greene County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Harrisonburg (C)									
Harrisonburg	29	1000EST			0	0			Heavy Rain
	30	1000EST							
King George County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Loudoun County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Madison County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Manassas (C)									
Manassas	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Manassas Park (C)									
Manassas Park	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Nelson County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Orange County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Page County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							



National Weather Service

Storm Data and Unusual Weather Phenomena



March 2001

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>									
Prince William County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Rappahannock County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Rockingham County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Shenandoah County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Spotsylvania County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Stafford County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Staunton (C)									
Staunton	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Warren County									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Waynesboro (C)									
Waynesboro	29	1000EST			0	0			Heavy Rain
	30	1000EST							
Winchester (C)									
Countywide	29	1000EST			0	0			Heavy Rain
	30	1000EST							

Low pressure brought a period of heavy rainfall to the Mid Atlantic region between the morning of the 29th and the morning of the 30th. Between 1.5 and 2.5 inches of rain was recorded.

WEST VIRGINIA, East

WVZ048	Grant								
	04	1000EST			0	0			Winter Storm
	06	0400EST							
WVZ049>054	Mineral - Hampshire - Morgan - Berkeley - Jefferson - Pendleton								
	04	1400EST			0	0			Winter Weather
	05	1200EST							

A Nor'easter formed off the coast of North Carolina and moved northward along the Atlantic seaboard on the 4th and 5th. This storm brought moisture on shore and resulted in two days of precipitation across the Mid Atlantic area. Because temperatures were above freezing for part of the storm, some of the precipitation fell as rain. This held snowfall totals to between 2 and 5 inches everywhere except along the Allegheny Front of Western Grant County. This area received a period of lake effect snow on the 6th after the main storm ended which deposited an additional foot of accumulation. Bayard reported a grand total of 17.3 inches. After the precipitation from the Nor'easter ended, northwest winds gusted up to 40 MPH during the afternoon and evening of the 5th.

WVZ048>055	Grant - Mineral - Hampshire - Morgan - Berkeley - Jefferson - Pendleton - Hardy								
	06	0900EST			0	0			Strong Wind
	07	0400EST							

Strong low pressure over New England brought gusty northwest winds between 35 and 45 MPH to the Mid Atlantic region from the morning of the 6th through the early morning hours of the 7th. A wind gust of 43 MPH was recorded at the Martinsburg Airport in Berkeley County.



National Weather Service

Storm Data and Unusual Weather Phenomena



March 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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WEST VIRGINIA, East

Mineral County									
Keyser	13	2030EST			0	0			Thunderstorm Wind (G57) ^M
A wind gust of 65 MPH was recorded on a 75 ft. tower.									
Berkeley County									
Martinsburg Arpt	13	2052EST			0	0			Thunderstorm Wind (G56) ^M
A wind gust of 64 MPH was recorded.									
Berkeley County									
Countywide	13	2100EST			0	0	2K		Thunderstorm Wind
Trees and power lines were downed across a few roads.									
Berkeley County									
4 N Martinsburg	13	2106EST			0	0			Thunderstorm Wind (G72) ^M
A wind gust of 83 MPH was recorded on a ridge just outside of town.									
Jefferson County									
7 W Charles Town	13	2110EST			0	0	10K		Thunderstorm Wind
A fixed awning over a gas pump island was toppled.									
Jefferson County									
Charles Town	13	2113EST			0	0	2K		Thunderstorm Wind
Trees were downed.									
Jefferson County									
2 S Charles Town	13	2115EST			0	0	30K		Thunderstorm Wind
A wall was blown down on a home under construction and a deck was dislodged from a townhouse.									

A line of showers and a few thunderstorms moved across the eastern panhandle of West Virginia between 8:30 PM and 9:30 PM on the 13th. These storms produced winds in excess of 55 MPH. In Berkeley County, a wind gust of 64 MPH was recorded at the Martinsburg Airport and an 83 MPH gust was measured on a ridge just outside of the city. A few trees and power lines were downed on county roads. Across Jefferson County, trees and power lines were downed. At the intersection of Route 51 and Leetown Road west of Charles Town, a gas pump island awning was toppled. A few miles south of Charles Town, one of 4 walls on a house under construction was blown over and a deck was dislodged from a townhouse. In Mineral County, a 65 MPH wind gust was recorded at the top of a 75 foot tower near Keyser. In Grant County, a wind gust of 47 MPH was reported at the Petersburg Airport.

Berkeley County									
Countywide	21	0000EST 1400EST			0	0			Heavy Rain
Hardy County									
Countywide	21	0000EST 1400EST			0	0			Heavy Rain
Jefferson County									
Countywide	21	0000EST 1400EST			0	0			Heavy Rain
WVZ048>049-054									
Grant - Mineral - Pendleton									
	21	0000EST 1400EST			0	0			Winter Storm
WVZ051									
Morgan									
	21	0000EST 1400EST			0	0			Winter Weather
WVZ052									
Berkeley									
	21	0700EST 1600EST			0	0	50K		Strong Wind



National Weather Service

Storm Data and Unusual Weather Phenomena



March 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

Hampshire County

Countywide	21	1000EST 1600EST			0	0		Flash Flood
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WVZ052

Berkeley

	22	0445EST 1215EST			0	0		Flood
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Opequon Creek near Martinsburg crested about one half foot above flood stage.

A Nor'easter moved from the North Carolina Coast to New England from the 20th to the 22nd. As it passed by the Mid Atlantic region, it dropped heavy precipitation between midnight and mid afternoon on the 21st. Across Berkeley, Jefferson, Hampshire, and Hardy Counties, the precipitation fell mainly in the form of rain and ranged from 0.75 inches to 2.00 inches. In Hampshire County, heavy rainfall temporarily flooded Kemp Road near Augusta. In Berkeley County, heavy rainfall from across the region ran off into creeks and rivers, causing minor flooding. On the 22nd, Opequon Creek near Martinsburg reached its flood stage of 10 feet at 4:45 AM. The creek crested at 10.58 feet at 8:30 AM then fell below flood stage at 12:15 PM. In Morgan County, a rain/snow mix was reported. Capon State Park reported 2.7 inches of snow accumulation. Across the higher terrain of Mineral, Grant, and Pendleton Counties, the precipitation fell as mainly snow. Snow accumulations varied greatly from the mountain ridges in the western portion of the counties to the valleys across the east. Along the Allegheny Front, between 6 and 14 inches of snow accumulated. East of the ridges, snowfall totals ranged from 2 to 6 inches. After the precipitation ended on the 21st, northwest winds increased to between 25 and 45 MPH. A wind gust of 43 MPH was recorded at the Martinsburg Airport. In Martinsburg, the high winds were blamed for tipping a rooftop television tower onto a power line. Contact between the tower and the power line resulted in sparks which set the house ablaze and caused extensive damage.

Berkeley County

Countywide	29 30	1000EST 1000EST			0	0		Heavy Rain
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Jefferson County

Countywide	29 30	1000EST 1000EST			0	0		Heavy Rain
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Low pressure brought a period of heavy rainfall to the Mid Atlantic region between the morning of the 29th and the morning of the 30th. Between 1.5 and 2.5 inches of rain was recorded.