



National Weather Service

Storm Data and Unusual Weather Phenomena



February 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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MARYLAND, Central

Storm Total Snowfall February 5, 2001 (in inches)

MDZ004>005

Frederick - Carroll

05	0000EST 1200EST				0	0			Winter Storm
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Low pressure moved from the North Carolina coast to the Jersey Shore on the 5th and brought rain and snow to the Mid Atlantic region between midnight and noon. Temperatures were cold enough across North Central Maryland for the precipitation to fall mainly as snow. The band of heaviest snow occurred across Carroll and Frederick Counties where between 4 and 8 inches accumulated. Adjacent counties reported between 1 and 3 inches of accumulation by noon. Southeast of a line from Washington D.C. to Baltimore, a rain/snow mix was reported which resulted in little or no accumulation.

MDZ002>007-009>011-013>014

Allegany - Washington - Frederick - Carroll - Northern Baltimore - Harford - Montgomery - Howard - Southern Baltimore - Prince Georges - Anne Arundel

09 10	2000EST 1200EST				0	0			Strong Wind
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A strong cold front crossed the Mid Atlantic region during the morning of the 10th. Ahead of the front, southwest winds of 15 to 25 MPH gusted to 35 MPH. Behind the front, winds shifted to the northwest at 20 to 30 MPH and gusted up to 50 MPH. A wind gust of 48 MPH was recorded at Baltimore/Washington International Airport in Anne Arundel County. Recorded wind gusts in Carroll County included 53 MPH at Manchester and 43 MPH at Millers. A wind gust of 43 MPH was reported in Laurel in Howard County. In Prince George's County, a gust of 52 MPH was reported at Andrews Air Force Base and winds gusted to 45 MPH in South Bowie. A wind gust of 41 MPH was reported at Martin State Airport east of Baltimore. Frederick County Airport reported a gust of 50 MPH. A gust of 52 MPH was recorded at Hagerstown in Washington County and a gust of 44 MPH was recorded at Cumberland in Allegany County.

MDZ002-005>007-009-011-013>014-016>018

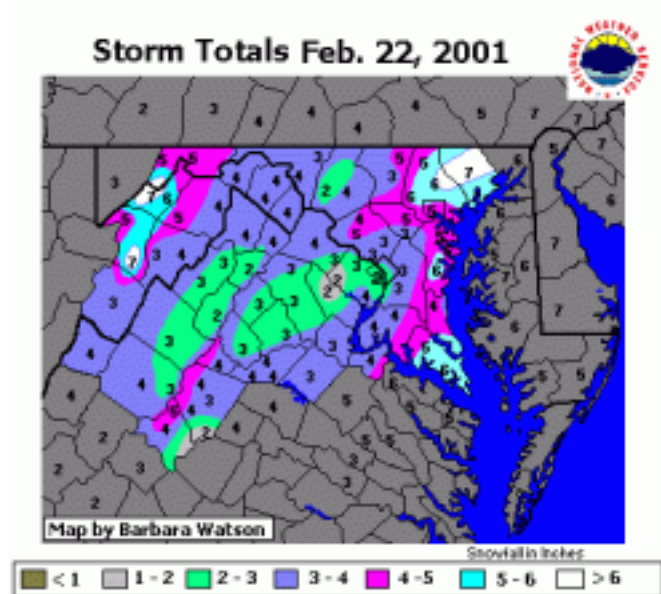
Allegany - Carroll - Northern Baltimore - Harford - Montgomery - Southern Baltimore - Prince Georges - Anne Arundel - Charles - St. Mary'S - Calvert

22	0900EST 2200EST				0	0			Winter Storm
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MDZ003>004

Washington - Frederick

22	0900EST 2200EST				0	0			Winter Weather
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Storm Total Snowfall from February 22, 2001 (in inches)



National Weather Service

Storm Data and Unusual Weather Phenomena



February 2001

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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MARYLAND, Central

Low pressure moved from the mid Mississippi Valley into the southern portion of the Mid Atlantic region on the 22nd. This system produced mainly light to moderate snowfall across the region between 9 AM and 10 PM. However, some areas received a brief period of heavy snow at the beginning of the event. Snowfall amounts ranged from 3 to 7 inches. The highest amounts were recorded across Harford and Northern Baltimore Counties. The largest impact on the region from this storm system was on travel. Numerous accidents were reported as roads became slippery and some areas experienced brief whiteout conditions.

In Prince George's County, 210 accidents involving minor injuries were reported between 11 AM and 2 PM. Among them was a 38 car pileup at the intersection of Branch Avenue and the beltway and a 15 car pileup at the intersection of Central Avenue and the beltway. Police reported 18 injuries with the first accident and 10 minor and 3 serious injuries with the second. In Calvert County, a school bus slid into a car and 30 children were taken to the hospital. In Anne Arundel County, 15 cars and a school bus collided on Route 50 near the South River. Six people were injured and the highway was shut down for three hours. Near Jacobsville, a pickup truck slid off a bridge on Fort Smallwood Road and landed in frigid Rock Creek. The two occupants were rescued from the hood of their vehicle and one was treated for minor injuries and mild hypothermia. On the southbound side of Interstate 95 north of Baltimore, a 40 vehicle pileup was reported at 12:20 PM. In Harford County, Interstate 95 was closed around 2:30 PM north of the White Marsh exit due to several accidents along the highway. Portions of Route 1 were also closed by accidents. Six county school buses were also involved in minor accidents.

MDZ002

Allegany									
25	2000EST				0	0			Strong Wind
26	0800EST								

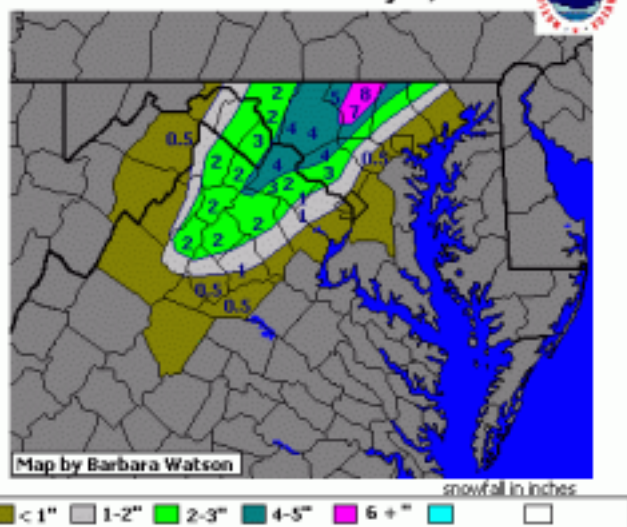
A strong cold front crossed the region during the late evening hours of the 25th and ushered in strong west to northwest winds. Winds of 25 to 35 MPH with gusts to 45 MPH were common during the overnight hours of the 26th, especially amongst higher terrain.

VIRGINIA, North

VAZ028>031-040>041-052>053

Frederick - Page - Warren - Clarke - Rappahannock - Fauquier - Prince William - Fairfax									
05	0000EST				0	0			Winter Weather
	1200EST								

Storm Totals February 5, 2001



Storm Total Snowfall from February 5, 2001 (in inches)

VAZ042

Loudoun									
05	0000EST				0	0			Winter Storm
	1200EST								

Low pressure moved from the North Carolina coast to the Jersey Shore on the 5th and brought rain and snow to the Mid-Atlantic



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February 2001

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VIRGINIA, North

region between midnight and noon. Temperatures were cold enough across extreme Northern Virginia for the precipitation to fall mainly as snow. The heaviest snow fell near the ridges of western Loudoun County where up to 5 inches was recorded. A handful of weather related traffic accidents were reported by Loudoun County officials. Surrounding counties reported between 1 and 3 inches of accumulation by noon. South of a line from Luray to Manassas a rain/snow mix was reported which resulted in little or no accumulation.

VAZ027>028-031-042-053>054

Shenandoah - Frederick - Clarke - Loudoun - Fairfax - Arlington

09	2000EST								
10	1200EST				0	0			Strong Wind

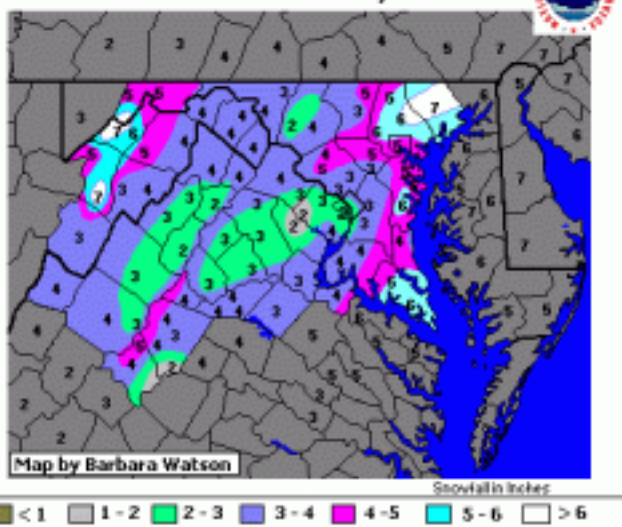
A strong cold front crossed the Mid Atlantic region during the morning of the 10th. Ahead of the front, southwest winds of 15 to 25 MPH gusted to 35 MPH. Behind the front, winds shifted to the northwest at 20 to 30 MPH and gusted up to 50 MPH. A wind gust of 51 MPH was recorded at Washington Reagan National Airport in Arlington County. Across Fairfax County, wind gusts included 44 MPH in Herndon and 40 MPH in Falls Church. Measured wind gusts in Loudoun County included 45 MPH at Dulles International Airport and 44 MPH at Leesburg. Winds gusted to 47 MPH at the Winchester Regional Airport in Frederick County and 43 MPH at New Market in Shenandoah County.

VAZ021-025>031-038>042-051-054

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

22	0900EST								
	2200EST				0	0			Winter Weather

Storm Totals Feb. 22, 2001



Storm Total Snowfall from February 22, 2001 (in inches)

VAZ036>037-050-052>053-055>057

Nelson - Albemarle - Orange - Prince William - Fairfax - Stafford - Spotsylvania - King George

22	0900EST								
	2200EST				0	0			Winter Storm

Low pressure moved from the mid Mississippi Valley into the southern portion of the Mid Atlantic region on the 22nd. This system produced mainly light to moderate snowfall across the region between 9 AM and 10 PM. However, some areas received a brief period of heavy snow at the beginning of the event which created whiteout conditions. Snowfall amounts ranged from 2 to 5 inches. The highest amounts were recorded in the vicinity of the Blue Ridge Mountains. Although the snowfall accumulations were relatively minor, numerous traffic accidents were reported that involved hundreds of vehicles and numerous injuries.

During the mid to late morning, several multi-vehicle accidents occurred when heavy snowfall suddenly dropped visibilities to near zero. The largest pileup, one of record proportions for the Mid Atlantic region, occurred in Stafford County at 10:35 AM. A total of 131 vehicles, including 17 tractor trailers and 114 smaller vehicles, collided on southbound Interstate 95 between Quantico and



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Storm Data and Unusual Weather Phenomena



February 2001

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VIRGINIA, North

Garrisonville. The accident began when a tractor trailer and a car collided around mile marker 146 when weather conditions suddenly deteriorated. One by one, approaching motorists blinded by the snow plowed into the wreckage. One eyewitness who saw the burst of heavy snow approach said the western sky appeared as "a solid white wall...like a thick fog bank rolling in". As an interesting side note, two HAM radio towers within a few miles of the pileup received a sudden electrical charge when the "wall of white" hit. Disabled cars covered three miles of highway and shut down the interstate for nearly 12 hours. A 50 year old woman in a car was killed, two people were seriously injured, fourteen people suffered moderate injuries, and over 100 people were treated for minor injuries. A local elementary school was turned into an emergency shelter for the hundreds of stranded motorists.

Two other major pileups occurred on Interstate 95 within a few minutes of the 131 vehicle wreck. A 50 vehicle crash occurred on the northbound lanes near Masaponax in Spotsylvania County. The accident occurred as motorists crested the top of a hill, hit near zero visibility, and slammed on their breaks. Three people were treated for serious injuries and another 18 suffered minor injuries. The highway remained closed for three hours while the wreckage was cleared. A 30 vehicle pileup occurred on the southbound lanes just north of the Falmouth/Route 17 interchange in Stafford County. As whiteout conditions struck, three cars slid into each other. Within seconds, the minor fender bender turned into a pileup including tractor trailers, cars, trucks, and an empty bus. Three people were injured and the highway was blocked for nearly three hours.

Between 9:30 and 9:35 AM, six separate accidents were reported on Interstate 81 in Frederick County. Twenty accidents were reported in the city of Winchester by 3 PM. About 10 Frederick County school buses slid off the road around midday as they tried to take students home from school. A 25 vehicle pileup was reported in Prince William County. Albemarle County police reported over 100 accidents, including a 20 vehicle pileup a few miles east of Charlottesville where 16 people were injured. Loudoun County dispatchers reported 26 significant accidents including 8 collisions that resulted in injuries. At least 12 injury accidents occurred in Alexandria. Four accidents involving 10 or more cars were reported on Interstate 395 in Arlington and Fairfax Counties. Other accidents, too numerous to include, occurred across the remainder of Northern Virginia during this event. Across Virginia, state police officers responded to 1520 crashes, including 16 major accidents which involved a total of 400 vehicles.

VAZ021

Highland

25	2000EST								
26	0800EST			0	0				Strong Wind

A strong cold front crossed the region during the late evening hours of the 25th and ushered in strong west to northwest winds. Winds of 25 to 35 MPH with gusts to 45 MPH were common during the overnight hours of the 26th, especially amongst higher terrain.

WEST VIRGINIA, East

WVZ052>053

Berkeley - Jefferson

05	0000EST								
	1200EST			0	0				Winter Weather

Low pressure moved from the North Carolina coast to the Jersey shore on the 5th and brought light snow to the eastern tip of the West Virginia panhandle between midnight and noon. Between 1 and 3 inches of snow accumulated across Jefferson and Berkeley Counties. Less than an inch of snow fell across the rest of the eastern panhandle.

WVZ048>051-053-055

Grant - Mineral - Hampshire - Morgan - Jefferson - Hardy

09	2000EST								
10	1200EST			0	0				Strong Wind

WVZ052

Berkeley

09	2000EST								
10	1200EST			0	0				High Wind (G50)^M

A gust of 58 MPH was recorded at the Martinsburg Airport.

A strong cold front crossed the Mid Atlantic region during the morning of the 10th. Ahead of the front, southwest winds of 15 to 25 MPH gusted to 35 MPH. Behind the front, winds shifted to the northwest at 20 to 30 MPH and gust to 50 MPH. A wind gust of 43 MPH was recorded at the Grant County Airport near Petersburg. The Martinsburg Airport in Berkeley County recorded the highest regional gust of 58 MPH.

WVZ048>051-053

Grant - Mineral - Hampshire - Morgan - Jefferson

22	0900EST								
	2200EST			0	0				Winter Storm



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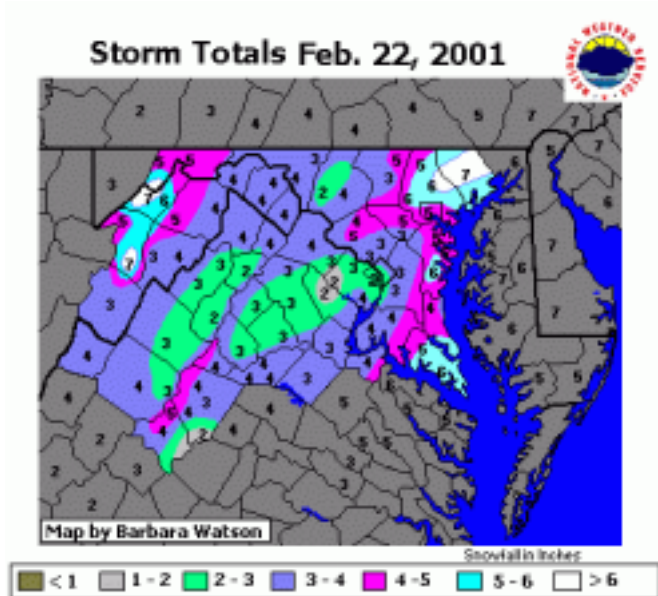


February 2001

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

WVZ052-054>055	Berkeley - Pendleton - Hardy								
	22	0900EST 2200EST			0	0			Winter Weather



Storm Total Snowfall from February 22, 2001 (in inches)

Low pressure moved from the mid Mississippi Valley into the southern portion of the Mid Atlantic region on the 22nd. This system produced mainly light to moderate snowfall across the region between 9 AM and 10 PM. Snowfall amounts ranged from 3 to 7 inches. The highest amounts were recorded in Mineral and Grant Counties.

WVZ048>049-054	Grant - Mineral - Pendleton								
	25	2000EST			0	0			Strong Wind
	26	0800EST							

A strong cold front crossed the region during the late evening hours of the 25th and ushered in strong west to northwest winds. Winds of 25 to 35 MPH with gusts to 45 MPH were common during the overnight hours of the 26th, especially amongst higher terrain. A wind gust of 46 MPH was recorded around midnight at the Petersburg Municipal Airport in Grant County.