



# National Weather Service

## Storm Data and Unusual Weather Phenomena



January 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

<b>DCZ001</b>	<b>District Of Columbia</b>								
	<b>21</b>	<b>0000EST 1200EST</b>			<b>0</b>	<b>0</b>			<b>Winter Weather</b>

A complex low pressure system moved across the Mid-Atlantic region on the 20th and 21st and brought a mixed bag of precipitation. Rain that began on the 20th changed to sleet and snow during the early morning hours of the 21st. Snowfall continued overnight and ended around 10 AM on the 21st. Snowfall totals included 2.5 inches in northwest Washington, 1.4 inches at Washington Reagan National Airport, and 1.1 inches at the National Arboretum in northeast Washington. An observer in northwest Washington also reported thundersnow. Up to 6 inches of snow was reported across the northwest suburbs of Washington. The snow and sleet caused area roads to become slippery and several traffic accidents were reported. Gusty northwest winds blew during the afternoon of the 21st which caused wind chills to dip to near zero and blew some snow back onto freshly plowed roads. A wind gust of 45 MPH was reported at National Airport.

<b>DCZ001</b>	<b>District Of Columbia</b>								
	<b>27</b>	<b>0700EST 2000EST</b>			<b>0</b>	<b>0</b>			<b>Strong Wind</b>

A strong cold front moved across the region during the morning of the 27th. This front ushered in gusty northwest winds which remained over the region through the evening. A wind gust of 45 MPH was reported at Washington Reagan National Airport.

### MARYLAND, Central

<b>MDZ002&gt;007-009&gt;011-013&gt;014</b>	<b>Allegany - Washington - Frederick - Carroll - Northern Baltimore - Harford - Montgomery - Howard - Southern Baltimore - Prince Georges - Anne Arundel</b>								
	<b>05</b>	<b>0400EST 1600EST</b>			<b>0</b>	<b>0</b>			<b>Winter Weather</b>

Two bands of light snow moved across the region during the morning and early afternoon of the 5th. By 4 PM, 1 to 3 inches of snow had accumulated across western and central Maryland. Frederick County had locally higher snowfall accumulations between 4 and 6 inches. Several minor traffic accidents were reported after snow stuck to roads.

<b>MDZ002&gt;007-009&gt;011</b>	<b>Allegany - Washington - Frederick - Carroll - Northern Baltimore - Harford - Montgomery - Howard - Southern Baltimore</b>								
	<b>20</b>	<b>1200EST</b>			<b>0</b>	<b>0</b>			<b>Winter Storm</b>
	<b>21</b>	<b>1200EST</b>							



# National Weather Service

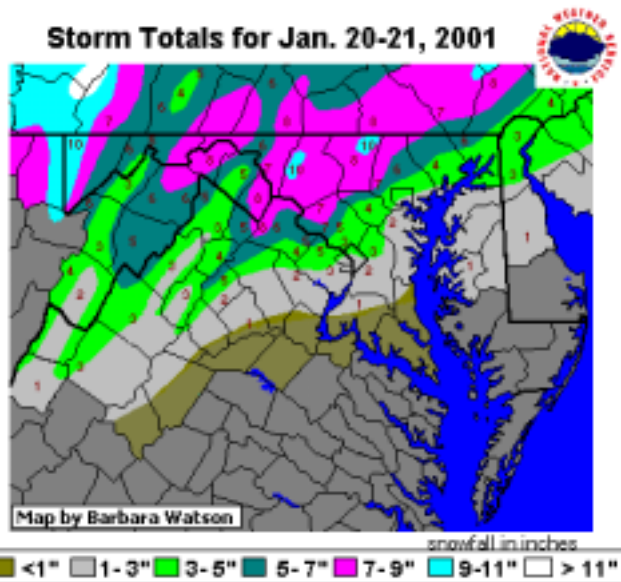
## Storm Data and Unusual Weather Phenomena



January 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**



*Regional Storm Total Snowfall Map from January 20th and 21st, 2001*

**MDZ013>014**

**Prince Georges - Anne Arundel**

<b>20</b>	<b>1200EST</b>	<b>0</b>	<b>0</b>	<b>Winter Weather</b>
<b>21</b>	<b>1200EST</b>			

A complex low pressure system moved across the Mid-Atlantic region on the 20th and 21st and brought a mixed bag of precipitation. Across southern Maryland, the precipitation fell mainly as rain but mixed with freezing rain, sleet, and light snow early on the 21st. Little if any accumulation was reported. Elsewhere across Maryland west of the Chesapeake Bay, rain fell through the afternoon of the 20th but changed over to sleet and snow from west to east during the evening hours. Snowfall continued overnight and ended between 4 AM and noon on the 21st. Snowfall accumulations between 4 and 8 inches were reported in counties that border Pennsylvania, with isolated reports of 10 inches in northern Frederick and Carroll counties. Montgomery and Howard counties reported 3 to 6 inches. From Prince Georges and Anne Arundel counties southward, between a trace and 2 inches of sleet and snow accumulated.

Thundersnow was reported by weather observers in Chevy Chase in Montgomery County and Pasadena in Anne Arundel County. A snow accumulation rate of nearly two inches in one hour was reported in northern Carroll County. The snow and sleet caused area roads to become slippery and several traffic accidents were reported. Gusty northwest winds blew through the region during the afternoon of the 21st which caused wind chills to dip to near zero and blew some snow back onto freshly plowed roads. Wind gusts included 43 MPH at Baltimore/Washington International Airport, 44 MPH at the Hagerstown Airport, 45 MPH at Washington National Airport, and 50 MPH at Tall Timbers in St. Mary's County.

**MDZ002>007-009>011-013>014**

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

<b>27</b>	<b>0400EST</b>	<b>0</b>	<b>0</b>	<b>Strong Wind</b>
	<b>2000EST</b>			

A strong cold front moved across the region during the morning of the 27th. The front ushered in gusty northwest winds which remained over the region through the evening. Recorded wind gusts included 40 MPH at Martin State Airport near Baltimore, 43 MPH at Hagerstown and at Baltimore/Washington International Airport, 45 MPH at Washington Reagan National Airport, 48 MPH at Andrews Air Force Base in Prince George's County, and 49 MPH at Millers in Carroll County.



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### VIRGINIA, North

VAZ027>028-030>031-041>042-052>053      Shenandoah - Frederick - Warren - Clarke - Fauquier - Loudoun - Prince William - Fairfax

05	0500EST 1600EST				0	0			Winter Weather
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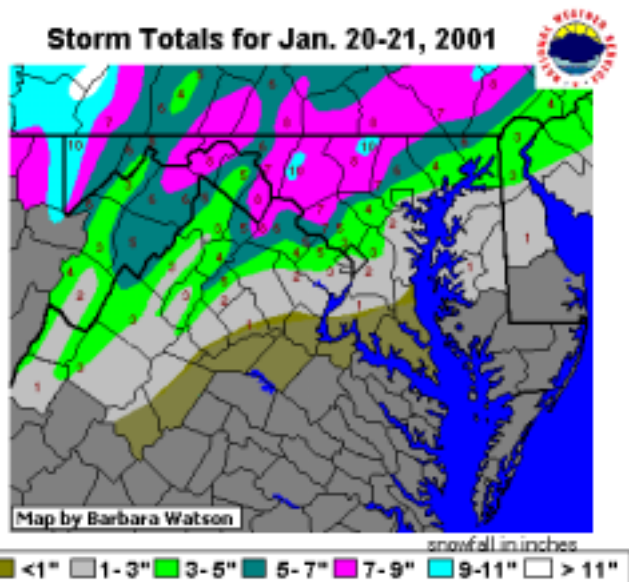
Two bands of light snow moved across the region during the morning and early afternoon of the 5th. By 4 PM, 1 to 3 inches of snow had accumulated across extreme northern Virginia. Several minor traffic accidents were reported after snow stuck to roads.

VAZ021-025>027-029-052-054      Highland - Augusta - Rockingham - Shenandoah - Page - Prince William - Arlington

20	1200EST				0	0			Winter Weather
21	1200EST								

VAZ028-030>031-040>042-053      Frederick - Warren - Clarke - Rappahannock - Fauquier - Loudoun - Fairfax

20	1200EST				0	0			Winter Storm
21	1200EST								



*Regional Storm Total Snowfall Map from January 20th and 21st, 2001.*

A complex low pressure system moved across the Mid-Atlantic region on the 20th and 21st and brought a mixed bag of precipitation. Across the central and northern Piedmont, the precipitation fell mainly as rain but mixed with freezing rain, sleet and light snow on the 21st. Little if any accumulation was reported. Elsewhere across the northern third of Virginia, rain fell through the afternoon of the 20th but changed over the sleet and snow from west to east during the evening. Snowfall continued overnight and ended between 4 AM and noon on the 21st. Snowfall accumulations ranged from 2 to 4 inches across the Shenandoah Valley, 3 to 6 inches near the Blue Ridge and Catoctin mountain ranges, and 1 to 3 inches elsewhere. Isolated reports of thundersnow and snow accumulation rates of one inch per hour were received. The snow and sleet caused area roads to become slippery and several traffic accidents were reported, including one incident where a man was killed on Interstate 81. Gusty northwest winds blew during the afternoon of the 21st which caused wind chills to dip to near zero and blew some snow back onto freshly plowed roads. Wind gusts included 43 MPH at Dulles International Airport and 45 MPH at Washington Reagan National Airport.



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### VIRGINIA, North

VAZ021-027>031-040>042-052>054	Highland - Shenandoah - Frederick - Page - Warren - Clarke - Rappahannock - Fauquier - Loudoun - Prince William - Fairfax - Arlington								
	27	0700EST 2000EST			0	0			Strong Wind

A strong cold front moved across the region during the morning of the 27th. The front ushered in gusty northwest winds which remained over the region through the evening. Recorded wind gusts included 41 MPH in Centreville in Fairfax County, 43 MPH at Woodstock in Shenandoah County and at Dulles International Airport, and 45 MPH at Leesburg in Loudoun County and at Washington Reagan National Airport.

### WEST VIRGINIA, East

WVZ048-050>053-055	Grant - Hampshire - Morgan - Berkeley - Jefferson - Hardy								
	05	0800EST 1400EST			0	0			Winter Weather

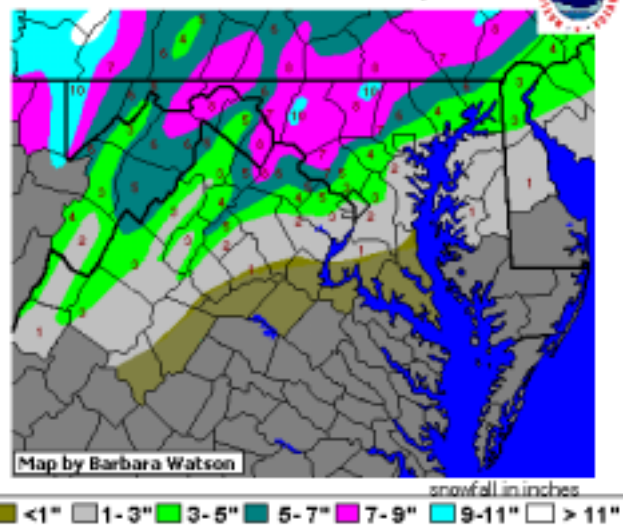
Two bands of light snow moved across the region during the morning and early afternoon of the 5th. By 2 PM, 1 to 4 inches of snow had accumulated across much of the Eastern Panhandle. Along the Allegheny Front in Western Grant County, Bayard reported a locally high snowfall total of 6.2 inches. Several minor traffic accidents were reported after snow stuck to roads.

WVZ048>050	Grant - Mineral - Hampshire								
	08	0800EST 1600EST			0	0			Winter Weather

Light snow fell across the eastern panhandle during the morning and early afternoon of the 8th. Grant, Mineral, and Hampshire counties reported accumulations between 2 and 3 inches, 1.5 inches was reported in Pendleton County, and less than an inch accumulated elsewhere.

WVZ048-050>053-055	Grant - Hampshire - Morgan - Berkeley - Jefferson - Hardy								
	20	1200EST			0	0			Winter Storm
	21	1200EST							

**Storm Totals for Jan. 20-21, 2001**



*Regional Storm Total Snowfall Map for January 20th and 21st, 2001*

WVZ049-054	Mineral - Pendleton								
	20	1200EST			0	0			Winter Weather
	21	1200EST							



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### WEST VIRGINIA, East

A complex low pressure system moved across the Mid-Atlantic region on the 20th and 21st and brought a mixed bag of precipitation. Rain fell through the afternoon of the 20th but changed over to sleet and snow during the evening hours. Snowfall continued overnight and ended between 4 and 8 AM on the 21st. Thundersnow was reported by a weather observer at Inwood in Berkeley County. The heaviest snow fell across Hardy, Hampshire, Morgan, Berkeley, and Jefferson counties where 5 to 8 inches was reported. A total of 2 to 4 inches was measured elsewhere. The only exception was at Bayard in Grant County along the Allegheny Front which received a total of 8 inches. The snow and sleet caused area roads to become slippery and several traffic accidents were reported. Gusty northwest winds blew through the region during the afternoon of the 21st which caused wind chills to dip to near zero and blew some snow back onto freshly plowed roads. A wind gust of 44 MPH was recorded at the Martinsburg Airport.

**WVZ048**

**Grant**

27	0400EST 2000EST			0	0				<b>Winter Weather</b>
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**WVZ048>055**

**Grant - Mineral - Hampshire - Morgan - Berkeley - Jefferson - Pendleton - Hardy**

27	0700EST 2000EST			0	0				<b>Strong Wind</b>
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A strong cold front moved across the region during the morning of the 27th. The front ushered in gusty northwest winds which remained over the region through the evening. A wind gust of 43 MPH was reported at the Martinsburg Airport. Wind gusts in excess of 50 MPH were likely in the highest elevations along the Allegheny Front. Lake effect snow also fell along the ridge tops. A total of 6.2 inches of snow was recorded at Bayard in extreme northwest Grant County between 4 AM and 8 PM. Only flurries fell east of the ridges.