



# National Weather Service

## Storm Data and Unusual Weather Phenomena



February 2004

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**

	<b>05</b>	1700EST			0	0			<b>Winter Weather/Mix</b>
	<b>06</b>	2000EST							

A low pressure system brought freezing rain and sleet to the Washington Metropolitan area. A light glaze formed on some surfaces. This led to school closures and a few automobile accidents.

On a separate note, temperatures warmed well above freezing on Saturday the 7th. This allowed the snow pack and ice that fell on the 5th and 6th to melt. This led to some minor flooding and late night travel problems when surfaces glazed over again once temperatures fell below freezing overnight.

### MARYLAND, Central

**MDZ002**                      **Allegany**

	<b>03</b>	0300EST			0	0			<b>Winter Storm</b>
		1500EST							

Snow and freezing rain overspread the region during the predawn hours on the 3rd, and the precipitation continued through the afternoon. Snowfall amounts across Allegany County ranged from seven to nine inches. Due to hazardous travel conditions, some area schools opted to open late and others decided to close for the day. Dozens of accidents were reported to the State Police.

**MDZ003>004**                      **Washington - Frederick**

	<b>03</b>	0300EST			0	0			<b>Winter Weather/Mix</b>
		1500EST							

Snow and freezing rain overspread the region during the early morning hours of the 3rd, and the precipitation continued through the afternoon. Snowfall amounts averaged one to two inches, and ice accumulations measured one tenth to two tenths inch. Due to hazardous travel conditions, some area schools opened late while others closed for the day. Several minor accidents were reported.

**MDZ002**                      **Allegany**

	<b>05</b>	1700EST			0	0			<b>Winter Storm</b>
	<b>06</b>	2000EST							

An area of low pressure brought freezing rain and sleet to Western Maryland. One half inch of ice accumulated in Allegany County. Ice glazed roads and power lines. This led to school closures, automobile accidents, and scattered power outages

**MDZ003>006-009>011-013>014**                      **Washington - Frederick - Carroll - Northern Baltimore - Montgomery - Howard - Southern Baltimore - Prince Georges - Anne Arundel**

	<b>05</b>	1700EST			0	0			<b>Winter Weather/Mix</b>
	<b>06</b>	2000EST							

An area of low pressure moved through on the 5th and 6th and brought freezing rain and sleet to north central and northeast Maryland. One to two tenths ice accumulated and formed a glaze on roadways and downed power lines. This led to school closures, some automobile accidents, and scattered power outages.

**MDZ004>007-009>011**                      **Frederick - Carroll - Northern Baltimore - Harford - Montgomery - Howard - Southern Baltimore**

	<b>06</b>	1400EST			0	0			<b>Flood</b>
	<b>07</b>	2000EST							

Heavy rainfall and melting snow produced some flooding across North Central Maryland and the Baltimore Metropolitan area. Radar estimates and rain gauge data indicated that two to three inches of rain fell over the region. Some roads were blocked after small



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### MARYLAND, Central

streams came out of their banks. The Monocacy River, at Frederick, rose to near 17 feet and crested late on the 7th. This caused back water flooding along Carroll Creek and inundated Gas House Pike. The Seneca Creek, at Dawsonville, crested at 8.1 ft on the morning of the 7th. Other significant rises were also noted on area rivers on the 7th and 8th.

### VIRGINIA, North

**VAZ021-025>030-041**

**Highland - Augusta - Rockingham - Shenandoah - Frederick - Page - Warren - Fauquier**

<b>03</b>	<b>0300EST 1500EST</b>			<b>0</b>	<b>0</b>			<b>Winter Storm</b>
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Snow and freezing rain overspread the region early on the 3rd, and the precipitation continued through the afternoon. Snowfall amounts ranged from five to ten inches, and ice accumulations averaged one quarter to one half inch. Due to hazardous travel conditions, most area schools either opened late or closed for the day. Several automobile accidents were reported to the State Police.

**VAZ031-040-042**

**Clarke - Rappahannock - Loudoun**

<b>03</b>	<b>0300EST 1500EST</b>			<b>0</b>	<b>0</b>			<b>Winter Weather/Mix</b>
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Snow and freezing rain began early on the 3rd, and the precipitation continued through the afternoon. Snowfall amounts averaged one to two inches, and ice accumulations measured one tenth to two tenths inch. Due to hazardous travel conditions, area schools opened late or closed for the day. Several minor automobile accidents were reported.

**VAZ025-027>028-040-050**

**Augusta - Shenandoah - Frederick - Rappahannock - Orange**

<b>05</b>	<b>1700EST</b>			<b>0</b>	<b>0</b>			<b>Winter Storm</b>
<b>06</b>	<b>2000EST</b>							

An area of low pressure brought freezing rain and sleet to Northern Virginia as it moved northeast. One third to one half inch of ice accumulated and formed a glaze on the roads and power lines. This led to school closures, some automobile accidents, and scattered power outages. 15 thousand customers lost power across portions of Virginia.

**VAZ030-038>039-041>042-051-053>055**

**Warren - Greene - Madison - Fauquier - Loudoun - Culpeper - Fairfax - Arlington - Stafford**

<b>05</b>	<b>1700EST</b>			<b>2</b>	<b>1</b>			<b>Winter Weather/Mix</b>
<b>06</b>	<b>2000EST</b>							

An area of low pressure produced freezing rain and sleet in Northern Virginia as it tracked northeast. One to two tenths inch of ice accumulated. This ice coated surfaces, downed power lines, and felled trees. As a result, there were school closures/delays, automobile accidents, and scattered power outages. In Stafford County, an automobile accident claimed the lives of two students as they traveled to school. A third student was seriously injured.

M15VE, F16VE

**VAZ028-042**

**Frederick - Loudoun**

<b>06</b>	<b>1400EST</b>			<b>0</b>	<b>0</b>			<b>Flood</b>
<b>07</b>	<b>0300EST</b>							

Heavy rainfall and melting snow produced some flooding across Northern Virginia. Radar estimates and rain gauge data indicated that two to three inches of rain fell over this area. Some roads were blocked after small streams came out of their banks. Goose Creek in Leesburg rose to 13.1 feet before cresting early on the 7th. Water approached Route 15 near Lime Kiln Road and Oatlands Mill Road. Other significant rises were noted on area rivers on the 7th and 8th.

**Augusta County  
Crimora**

<b>06</b>	<b>1545EST 1945EST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
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February 2004

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					Killed	Injured	Property	Crops	

### VIRGINIA, North

#### Highland County

Southeast Portion	06	1545EST 1945EST			0	0			Flash Flood
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#### Nelson County

Shipman	06	1545EST 1945EST			0	0			Flash Flood
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#### Staunton (C)

Staunton	06	1545EST 1945EST			0	0			Flash Flood
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#### Waynesboro (C)

Waynesboro	06	1545EST 1945EST			0	0			Flash Flood
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The combination of heavy rainfall and melting snow lead to flash flooding across the Central Shenandoah Valley and the Central Foothills. Radar estimates and rain gauge data indicated two to three inches of rain fell over this area. Some small creeks and streams came out of their banks and covered nearby low lying fields and roadways

### WEST VIRGINIA, East

#### WVZ048>050-052>055

#### Grant - Mineral - Hampshire - Berkeley - Jefferson - Pendleton - Hardy

03		0300EST 1500EST			0	0			Winter Storm
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Snow and freezing rain overspread the Panhandle of West Virginia during the early morning hours on the 3rd. The precipitation continued through the afternoon. Snowfall amounts ranged from five to ten inches, and ice accumulations averaged one quarter to one half inch. Due to hazardous travel conditions, most area schools closed for the day. Several minor accidents were reported.

#### WVZ051

#### Morgan

03		0300EST			0	0			Winter Weather/Mix
05		1500EST							

Snow and freezing rain overspread the Panhandle of West Virginia during the early morning hours on the 3rd. The precipitation continued through the afternoon. Three inches of snow fell in Morgan County. Most schools were closed. Some minor accidents were reported.

#### WVZ049>050-053

#### Mineral - Hampshire - Jefferson

05		1700EST			0	0			Winter Storm
06		2000EST							

An area of low pressure brought freezing rain and sleet to West Virginia. One third to one inch of ice accumulated in Eastern West Virginia on roads and power lines. This led to school closures, some automobile accidents, and scattered power outages.

#### WVZ051>052

#### Morgan - Berkeley

05		1700EST			0	0			Winter Weather/Mix
06		2000EST							

An area of low pressure brought freezing rain and sleet to West Virginia. Less than one quarter inch of ice coated roads and power lines in Eastern West Virginia. This led to some school closures, automobile accidents, and scattered power outages.



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**WEST VIRGINIA, East**

WVZ048-050>053-055

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

<b>06</b>	<b>1400EST</b>	<b>0</b>	<b>0</b>		<b>Flood</b>
<b>08</b>	<b>1145EST</b>				

Heavy rainfall and melting snow produced some flooding across the Eastern Panhandle of West Virginia. Radar estimates and rain gauge data indicated that two to three inches of rain fell over the region. Some roads were blocked after small streams came out of their banks. The South Branch of the Potomac, at Springfield, rose to 16.7 ft late on the 6th due to ice jams further up stream. Several roads and low water bridges in and around the Cacapon River, in Morgan County, were closed due to high water and ice jams. The Opequon Creek, near Martinsburg, also rose above the critical 10 ft stage on the 7th. Other significant rises were noted over area rivers on the 7th and 8th.