

## Storm Data and Unusual Weather Phenomena - February 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ATLANTIC NORTH</b>				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.4 SE LEWISSETTA [37.99, -76.47]</b>				
	02/21/14 12:05 EST	0		Marine Thunderstorm Wind (MG 52 kt)
	02/21/14 12:35 EST	0		Source: Mesonet
Wind gusts of 37 knots were measured at Lewisetta.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.2 NNE MONROE CREEK [38.23, -76.95]</b>				
	02/21/14 12:05 EST	0		Marine Thunderstorm Wind (EG 37 kt)
	02/21/14 12:35 EST	0		Source: Mesonet
Wind gusts of 37 knots were measured at Monroe Creek.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.3 ENE BABAR POINT [38.31, -77.03]</b>				
	02/21/14 12:15 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	02/21/14 12:20 EST	0		Source: Mesonet
Wind gusts of 32 knots were measured at Baber Point.				
<b>CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 6.3 NNW MID BAY BUOY [38.56, -76.41]</b>				
	02/21/14 12:40 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	02/21/14 12:50 EST	0		Source: Buoy
Wind gusts of 37 knots were measured at Gooses Reef.				
<b>CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.5 E PATUXENT RIVER ASOS [38.29, -76.40]</b>				
	02/21/14 12:42 EST	0		Marine Thunderstorm Wind (MG 46 kt)
	02/21/14 12:42 EST	0		Source: ASOS
Wind gusts of 46 knots were measured at Patuxent River.				
<b>CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 0.2 NE COVE POINT [38.43, -76.39]</b>				
	02/21/14 12:48 EST	0		Marine Thunderstorm Wind (MG 52 kt)
	02/21/14 13:00 EST	0		Source: Mesonet
Wind gusts of 52 knots were measured at Cove Point.				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT LIGHT [38.90, -76.44]</b>				
	02/21/14 12:53 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	02/21/14 12:53 EST	0		Source: Mesonet
Wind gusts of 31 knots were measured at Thomas Point.				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.1 WNW POINT LOOKOUT [38.04, -76.32]</b>				
	02/21/14 12:55 EST	0		Marine Thunderstorm Wind (MG 58 kt)
	02/21/14 13:00 EST	0		Source: Mesonet
Wind gusts of 58 knots were measured at Point Lookout.				
<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.1 E BISHOPS HEAD [38.22, -76.04]</b>				
	02/21/14 13:00 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	02/21/14 13:24 EST	0		Source: Mesonet
Wind gusts of 39 knots were measured at Bishops Head.				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.3 NE POTOMAC BUOY [38.03, -76.34]</b>				
	02/21/14 13:10 EST	0		Marine Thunderstorm Wind (MG 49 kt)
	02/21/14 13:40 EST	0		Source: Buoy
Wind gusts of 49 knots were measured at Potomac Point Lookout Buoy.				

## Storm Data and Unusual Weather Phenomena - February 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.9 NE (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03]</b>				
	02/21/14 13:23 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	02/21/14 13:23 EST	0		Source: ASOS
Wind gusts of 37 knots were measured at Reagan National.				
<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.1 ESE RACCOON POINT [38.14, -75.79]</b>				
	02/21/14 13:36 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	02/21/14 13:36 EST	0		Source: Mesonet
Wind gusts of 31 knots were measured at Racoon Point.				
<b>CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.4 SSW SMITH ISLAND [37.98, -76.04]</b>				
	02/21/14 13:38 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	02/21/14 13:38 EST	0		Source: Mesonet
Wind gusts of 35 knots were measured at Smith Island.				
<b>PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- 0.1 NW MARYLAND SCIENCE CENTER [39.28, -76.61]</b>				
	02/21/14 13:39 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	02/21/14 13:39 EST	0		Source: Mesonet
Wind gusts of 34 knots were measured at Maryland Science Center.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 11.6 NNE QUANTICO [38.64, -77.20]</b>				
	02/21/14 13:46 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	02/21/14 13:46 EST	0		Source: Mesonet
Wind gusts of 35 knots were measured at Mason Neck.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.9 NE QUANTICO [38.51, -77.30]</b>				
	02/21/14 13:55 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	02/21/14 14:00 EST	0		Source: AWOS
Wind gusts of 34 knots were measured at Quantico MCAS.				
<b>CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 6.7 ENE BALTIMORE APPROACHES BUOY [39.21, -76.25]</b>				
	02/21/14 14:00 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	02/21/14 14:00 EST	0		Source: Mesonet
Wind gusts of 32 knots were measured at Tolchester.				
<b>PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- 0.1 NW MARYLAND SCIENCE CENTER [39.28, -76.61]</b>				
	02/21/14 14:07 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	02/21/14 14:07 EST	0		Source: Mesonet
Wind gusts of 34 knots were measured at Maryland Science Center.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.3 N CUCKOLD CREEK [38.31, -76.93]</b>				
	02/21/14 14:50 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	02/21/14 14:50 EST	0		Source: Mesonet
Wind gusts of 31 knots were measured at Cuckold Creek.				
<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.1 ENE BISHOPS HEAD [38.22, -76.04]</b>				
	02/21/14 15:42 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	02/21/14 15:42 EST	0		Source: Mesonet
Wind gusts of 31 knots were measured at Bishop Head.				

Southerly flow ahead of an advancing cold front brought warm and moist conditions into the Mid Atlantic. An upper level jet along with a cold front led to showers and thunderstorms to move across the region.

## Storm Data and Unusual Weather Phenomena - February 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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### DISTRICT OF COLUMBIA

#### (DC-Z001) DISTRICT OF COLUMBIA

02/04/14 22:00 EST	0	Winter Weather
02/05/14 10:00 EST	0	

A wedge of high pressure extended southwest along the Appalachian Mountains. Low pressure approached the Mid Atlantic from the Tennessee Valley and warm air overran colder air at the surface resulting in freezing rain.

#### (DC-Z001) DISTRICT OF COLUMBIA

02/12/14 19:00 EST	0	Winter Storm
02/13/14 09:00 EST	0	

Low pressure moved up the east coast and approached the Mid Atlantic. High pressure was located across New England and fed cold air into the region. Heavy snow fell across most parts of the Mid Atlantic with the highest amounts near the Mason Dixon line where mid level forcing led to a heavy band.

#### (DC-Z001) DISTRICT OF COLUMBIA

02/13/14 16:00 EST	0	Winter Weather
02/13/14 23:00 EST	0	

An upper low moved into the Mid Atlantic and mid level forcing led to snow across portions of the Mid Atlantic. Wrap around moisture around the surface low and dynamics from the upper low led to snow fall accumulation across Washington DC metro and Southern Maryland.

#### (DC-Z001) DISTRICT OF COLUMBIA

02/25/14 08:00 EST	0	Winter Weather
02/25/14 13:00 EST	0	

A upper level disturbance moved across the region in the morning. Temperatures were well below freezing and snow showers accumulated on surfaces. Snow became heavier across the Washington DC metro and Southern Maryland.

#### (DC-Z001) DISTRICT OF COLUMBIA

02/26/14 03:00 EST	0	Winter Weather
02/26/14 11:00 EST	0	

An upper level disturbance moved across the Mid Atlantic in the morning. A jet axis coincided with the disturbance and snow showers moved across the region. The most accumulation occurred east of the Blue Ridge.

### MARYLAND, Central

#### (MD-Z501) EXTREME WESTERN ALLEGANY

02/02/14 23:00 EST	0	Winter Storm
02/03/14 14:00 EST	0	

#### (MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z007) HARFORD

02/03/14 03:00 EST	0	Winter Weather
02/03/14 14:00 EST	0	

A cold front moved through the Mid Atlantic while low pressure formed along it. Moisture streamed in from the Gulf of Mexico and snowfall accumulation occurred.

#### (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT

02/04/14 20:00 EST	0	Winter Weather
02/05/14 10:00 EST	0	

## Storm Data and Unusual Weather Phenomena - February 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<hr/>				
(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z007) HARFORD, (MD-Z009) MONTGOMERY, (MD-Z010) HOWARD, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY	02/04/14 22:00 EST		0	Winter Storm
	02/05/14 12:00 EST		0	
<p>A wedge of high pressure extended southwest along the Appalachian Mountains. Low pressure approached the Mid Atlantic from the Tennessee Valley and warm air overran colder air at the surface resulting in freezing rain.</p>				
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(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z007) HARFORD, (MD-Z009) MONTGOMERY, (MD-Z010) HOWARD, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY	02/12/14 19:00 EST		0	Winter Storm
	02/14/14 00:00 EST		0	
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(MD-Z017) ST. MARY'S, (MD-Z018) CALVERT	02/12/14 19:00 EST		0	Winter Weather
	02/13/14 09:00 EST		0	
<p>Low pressure moved up the east coast and approached the Mid Atlantic. High pressure was located across New England and fed cold air into the region. Heavy snow fell across most parts of the Mid Atlantic with the highest amounts near the Mason Dixon line where mid level forcing led to a heavy band.</p>				
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(MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT	02/13/14 16:00 EST		0	Winter Weather
	02/13/14 23:00 EST		0	
<p>An upper low moved into the Mid Atlantic and mid level forcing led to snow across portions of the Mid Atlantic. Wrap around moisture around the surface low and dynamics from the upper low led to snow fall accumulation across Washington DC metro and Southern Maryland.</p>				
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(MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY	02/15/14 00:00 EST		0	Winter Weather
	02/15/14 08:00 EST		0	
<p>An area of low pressure moved across the Mid Atlantic from the Tennessee Valley. Temperature differences in the boundary layer led to snow accumulation for the Potomac Highlands and rain further east.</p>				
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(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z007) HARFORD	02/17/14 22:00 EST		0	Winter Weather
	02/18/14 02:00 EST		0	
<p>A fast moving cold front moved across the Mid Atlantic. Snowfall accumulation was confined to areas near the Mason Dixon line were temperatures were well below 32 degrees.</p>				
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(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z007) HARFORD, (MD-Z009) MONTGOMERY, (MD-Z010) HOWARD, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY	02/19/14 07:00 EST		0	Winter Weather
	02/19/14 12:00 EST		0	
<p>A wedge of cold air was in place across the Potomac Highlands and Northern Maryland while warm air moved into the region from the Tennessee Valley. This led to overrunning and showers across the area. Freezing rain occurred for areas with surface temperatures below freezing.</p>				
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ST. MARY'S COUNTY --- 0.5 W BUSHWOOD [38.30, -76.79]	02/21/14 12:15 EST		0	Thunderstorm Wind (EG 52 kt)
	02/21/14 12:15 EST		0.25K	Source: 911 Call Center
<p>There was a tree reported down on Maddox Road in Bushwood.</p>				
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ST. MARY'S COUNTY --- 2.2 SSE COMPTON [38.24, -76.68], 2.6 NNE CALIFORNIA [38.34, -76.49]				

## Storm Data and Unusual Weather Phenomena - February 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	02/21/14 12:23 EST		0	Tornado (EF0, L: 18.00 mi , W: 75 yd)
	02/21/14 12:33 EST		5K	Source: NWS Storm Survey

The National Weather Service received approximately 15 damage reports associated with a thunderstorm that moved across St. Marys and Calvert Counties in Southern Maryland early Friday afternoon. When plotted on a map...these damage reports were linear in nature and corroborated with radar rotational signals from the FAA terminal doppler weather radar at Andrews AFB. The predominant damage reported were trees down which provides an estimate of maximum wind speeds of 60 to 80 mph.

CALVERT COUNTY --- 1.3 SW COSTER [38.34, -76.49], 0.3 SE COVE PT [38.38, -76.40]				
	02/21/14 12:33 EST		0	Tornado (EF0, L: 5.63 mi , W: 75 yd)
	02/21/14 12:39 EST		5K	Source: NWS Storm Survey

The National Weather Service received approximately 15 damage reports associated with a thunderstorm that moved across St. Marys and Calvert Counties in Southern Maryland early Friday afternoon. When plotted on a map...these damage reports were linear in nature and corroborated with radar rotational signals from the FAA terminal doppler weather radar at Andrews AFB. The predominant damage reported were trees down which provides an estimate of maximum wind speeds of 60 to 80 mph.

**Southerly flow ahead of an advancing cold front brought warm and moist conditions into the Mid Atlantic. An upper level jet along with a cold front led to showers and thunderstorms to move across the region.**

(MD-Z013) PRINCE GEORGES, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT				
	02/25/14 08:00 EST		0	Winter Weather
	02/25/14 13:00 EST		0	

**A upper level disturbance moved across the region in the morning. Temperatures were well below freezing and snow showers accumulated on surfaces. Snow became heavier across the Washington DC metro and Southern Maryland.**

(MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z007) HARFORD, (MD-Z009) MONTGOMERY, (MD-Z010) HOWARD, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z018) CALVERT				
	02/26/14 03:00 EST		0	Winter Weather
	02/26/14 11:00 EST		0	

**An upper level disturbance moved across the Mid Atlantic in the morning. A jet axis coincided with the disturbance and snow showers moved across the region. The most accumulation occurred east of the Blue Ridge.**

### VIRGINIA, North

(VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND				
	02/02/14 23:00 EST		0	Winter Weather
	02/03/14 14:00 EST		0	

**A cold front moved through the Mid Atlantic while low pressure formed along it. Moisture streamed in from the Gulf of Mexico and snowfall accumulation occurred.**

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z057) KING GEORGE, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND				
	02/04/14 20:00 EST		0	Winter Weather
	02/05/14 10:00 EST		0	

(VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z040) RAPPAHANNOCK, (VA-Z042) LOUDOUN, (VA-Z501) NORTHERN FAUQUIER				
	02/04/14 22:00 EST		0	Winter Storm
	02/05/14 10:00 EST		0	

**A wedge of high pressure extended southwest along the Appalachian Mountains. Low pressure approached the Mid Atlantic from the Tennessee Valley and warm air overran colder air at the surface resulting in freezing rain.**

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z042) LOUDOUN,				
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## Storm Data and Unusual Weather Phenomena - February 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>(VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z057) KING GEORGE, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND</b>				

02/12/14 17:00 EST	0	Winter Storm
02/13/14 23:00 EST	0	

Low pressure moved up the east coast and approached the Mid Atlantic. High pressure was located across New England and fed cold air into the region. Heavy snow fell across most parts of the Mid Atlantic with the highest amounts near the Mason Dixon line where mid level forcing led to a heavy band.

**(VA-Z054) ARLINGTON, (VA-Z057) KING GEORGE**

02/13/14 16:00 EST	0	Winter Weather
02/13/14 23:00 EST	0	

An upper low moved into the Mid Atlantic and mid level forcing led to snow across portions of the Mid Atlantic. Wrap around moisture around the surface low and dynamics from the upper low led to snow fall accumulation across Washington DC metro and Southern Maryland.

**(VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND**

02/15/14 00:00 EST	0	Winter Weather
02/15/14 08:00 EST	0	

An area of low pressure moved across the Mid Atlantic from the Tennessee Valley. Temperature differences in the boundary layer led to snow accumulation for the Potomac Highlands and rain further east.

**(VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z042) LOUDOUN, (VA-Z052) PRINCE WILLIAM, (VA-Z501) NORTHERN FAUQUIER**

02/19/14 08:00 EST	0	Winter Weather
02/19/14 10:00 EST	0	

A wedge of cold air was in place across the Potomac Highlands and Northern Maryland while warm air moved into the region from the Tennessee Valley. This led to overrunning and showers across the area. Freezing rain occurred for areas with surface temperatures below freezing.

**(VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z055) STAFFORD, (VA-Z057) KING GEORGE**

02/25/14 08:00 EST	0	Winter Weather
02/25/14 13:00 EST	0	

A upper level disturbance moved across the region in the morning. Temperatures were well below freezing and snow showers accumulated on surfaces. Snow became heavier across the Washington DC metro and Southern Maryland.

**(VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z042) LOUDOUN, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z501) NORTHERN FAUQUIER**

02/26/14 03:00 EST	0	Winter Weather
02/26/14 11:00 EST	0	

An upper level disturbance moved across the Mid Atlantic in the morning. A jet axis coincided with the disturbance and snow showers moved across the region. The most accumulation occurred east of the Blue Ridge.

### WEST VIRGINIA, East

**(WV-Z050) HAMPSHIRE**

02/02/14 23:00 EST	0	Winter Storm
02/03/14 12:00 EST	0	

**(WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON**

02/02/14 23:00 EST	0	Winter Weather
02/03/14 14:00 EST	0	

## Storm Data and Unusual Weather Phenomena - February 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A cold front moved through the Mid Atlantic while low pressure formed along it. Moisture streamed in from the Gulf of Mexico and snowfall accumulation occurred across the Potomac Highlands including the eastern panhandle of West Virginia.

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(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL	02/04/14 22:00 EST	0	0	Winter Storm
	02/05/14 10:00 EST	0	0	

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(WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON	02/04/14 22:00 EST	0	0	Winter Weather
	02/05/14 10:00 EST	0	0	

A wedge of high pressure extended southwest along the Appalachian Mountains. Low pressure approached the Mid Atlantic from the Tennessee Valley and warm air overran colder air at the surface resulting in freezing rain.

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(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON	02/12/14 19:00 EST	0	0	Winter Storm
	02/13/14 21:00 EST	0	0	

Low pressure moved up the east coast and approached the Mid Atlantic. High pressure was located across New England and fed cold air into the region. Heavy snow fell across most parts of the Mid Atlantic with the highest amounts near the Mason Dixon line where mid level forcing led to a heavy band.

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(WV-Z050) HAMPSHIRE, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON	02/15/14 00:00 EST	0	0	Winter Weather
	02/15/14 08:00 EST	0	0	

An area of low pressure moved across the Mid Atlantic from the Tennessee Valley. Temperature differences in the boundary layer led to snow accumulation for the Potomac Highlands and rain further east.

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(WV-Z051) MORGAN, (WV-Z052) BERKELEY	02/17/14 22:00 EST	0	0	Winter Weather
	02/18/14 01:00 EST	0	0	

A fast moving cold front moved across the Mid Atlantic. Snowfall accumulation was confined to areas near the Mason Dixon line where temperatures were well below 32 degrees.

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(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON	02/19/14 07:00 EST	0	0	Winter Weather
	02/19/14 11:00 EST	0	0	

A wedge of cold air was in place across the Potomac Highlands and Northern Maryland while warm air moved into the region from the Tennessee Valley. This led to overrunning and showers across the area. Freezing rain occurred for areas with surface temperatures below freezing.

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(WV-Z501) WESTERN GRANT	02/26/14 03:00 EST	0	0	Winter Weather
	02/26/14 09:00 EST	0	0	

An upper level disturbance moved across the Mid Atlantic in the morning. A jet axis coincided with the disturbance and snow showers moved across the region. The most accumulation occurred east of the Blue Ridge.