

Storm Data and Unusual Weather Phenomena - March 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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ATLANTIC NORTH

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.3 NE POTOMAC BUOY [38.03, -76.34]				
	03/17/14 00:30 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	03/17/14 01:00 EST		0	Source: Buoy

Wind gusts of 37 knots were reported at Potomac Point Lookout Buoy.

Strengthening low pressure approached the Mid Atlantic and the pressure gradient at the surface became tighter. Strong winds were able to mix down near the Lower Tidal Potomac and Lower MD Chesapeake Bay.

DISTRICT OF COLUMBIA

(DC-Z001) DISTRICT OF COLUMBIA				
	03/03/14 02:00 EST		0	Winter Storm
	03/03/14 16:00 EST		0	

A cold front crossed the region as low pressure passed across the south of the Mid Atlantic and heavy snow moved across the region. Temperatures dropped from north to south and precipitation changed from rain to sleet/freezing rain to snow.

(DC-Z001) DISTRICT OF COLUMBIA				
	03/16/14 18:00 EST		0	Winter Storm
	03/17/14 14:00 EST		0	

Two areas of low pressure formed south of the Mid Atlantic. Dry and cold air at the surface led to precipitation to quickly change to snow. Heavy snow fell across the region with a confined area of greater than 10 inches across the Central Foothills.

(DC-Z001) DISTRICT OF COLUMBIA				
	03/25/14 07:00 EST		0	Winter Weather
	03/25/14 19:00 EST		0	

Low pressure moved past the Mid Atlantic from the Carolinas. High pressure to the north fed freezing temperatures to the region resulting in snow to accumulate across the region. Snowfall occurred during the morning rush for the Baltimore/Washington DC and Interstate 95 corridor.

MARYLAND, Central

(MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY				
	03/02/14 15:00 EST		0	Winter Weather
	03/03/14 12:00 EST		0	

(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-Z017) ST. MARY'S, (MD-Z018) CALVERT				
	03/02/14 23:00 EST		0	Winter Storm
	03/03/14 17:00 EST		0	

A cold front crossed the region as low pressure passed across the south of the Mid Atlantic and heavy snow moved across the region. Temperatures dropped from north to south and precipitation changed from rain to sleet/freezing rain to snow.

(MD-Z016) CHARLES, (MD-Z017) ST. MARY'S				
	03/07/14 06:00 EST		0	Winter Weather
	03/07/14 08:00 EST		0	

High pressure extended across the spine of the Appalachian Mountains. A surface low moved up the east coast from Georgia and precipitation entered the Central Foothills and Piedmont early in the morning. Below freezing temperatures led to freezing rain across this area including Southern Maryland.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z007) HARFORD, (MD-Z009) MONTGOMERY, (MD-Z010) HOWARD, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES				
	03/12/14 11:45 EST		3K	High Wind (MAX 57 kt)
	03/12/14 21:15 EST		13.50K	
<p>A cold front moved through the Mid Atlantic while sharp pressure rises occurred behind the frontal passage. Gusty Northwest winds occurred across the region with widespread gusts up to 55 mph with localized higher amounts.</p>				
(MD-Z003) WASHINGTON, (MD-Z006) NORTHERN BALTIMORE, (MD-Z007) HARFORD, (MD-Z502) CENTRAL AND EASTERN ALLEGANY				
	03/16/14 16:00 EST		0	Winter Weather
	03/17/14 14:00 EST		0	
(MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z009) MONTGOMERY, (MD-Z010) HOWARD, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT, (MD-Z501) EXTREME WESTERN ALLEGANY				
	03/16/14 16:00 EST		0	Winter Storm
	03/17/14 14:00 EST		0	
<p>Two areas of low pressure formed south of the Mid Atlantic. Dry and cold air at the surface led to precipitation to quickly change to snow. Heavy snow fell across the region with a confined area of greater than 10 inches across the Central Foothills.</p>				
(MD-Z017) ST. MARY'S				
	03/18/14 06:00 EST		0	Winter Weather
	03/18/14 09:00 EST		0	
<p>A wedge of high pressure was across the Mid Atlantic. Low level moisture and sub freezing temperatures led to freezing drizzle and freezing rain across the Central Foothills, Shenandoah Valley, Piedmont and Southern Maryland.</p>				
(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK				
	03/19/14 07:00 EST		0	Winter Weather
	03/19/14 11:00 EST		0	
<p>A wedge of high pressure was located across the region. Overrunning air masses led to showers and drizzle to from while temperatures were sub freezing at the surface. Freezing rain and drizzle occurred along and surrounding the Blue Ridge.</p>				
(MD-Z005) CARROLL, (MD-Z009) MONTGOMERY, (MD-Z010) HOWARD				
	03/20/14 02:15 EST		0	Dense Fog
	03/20/14 08:05 EST		0	
<p>High pressure moved into the region behind an exiting cold front. Moisture was trapped under a nighttime subsidence inversion and led to dense fog for counties near and east of the Blue Ridge Mountains.</p>				
(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				
	03/25/14 07:00 EST		0	Winter Weather
	03/25/14 19:00 EST		0	
<p>Low pressure moved past the Mid Atlantic from the Carolinas. High pressure to the north fed freezing temperatures to the region resulting in snow to accumulate across the region. Snowfall occurred during the morning rush for the Baltimore/Washington DC and Interstate 95 corridor.</p>				
(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z009) MONTGOMERY, (MD-Z010) HOWARD				
	03/30/14 10:00 EST		0	Winter Weather
	03/30/14 23:00 EST		0	
<p>Low pressure intensified off the Mid Atlantic coast while a upper level trough moved across the Southern Appalachians. Colder air wrapped around the low and rain turned to snow especially in higher elevations across the Blue Ridge Mountains.</p>				

Storm Data and Unusual Weather Phenomena - March 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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VIRGINIA, North

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z042) LOUDOUN, (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

03/02/14 15:00 EST	0	Winter Storm
03/03/14 17:00 EST	0	

(VA-Z036) NELSON

03/03/14 02:00 EST	0	Winter Weather
03/03/14 16:00 EST	0	

A cold front crossed the region as low pressure passed across the south of the Mid Atlantic and heavy snow moved across the region. Temperatures dropped from north to south and precipitation changed from rain to sleet/freezing rain to snow.

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z029) PAGE, (VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z057) KING GEORGE, (VA-Z502) SOUTHERN FAUQUIER

03/07/14 04:00 EST	0	Winter Weather
03/07/14 08:00 EST	0	

High pressure extended across the spine of the Appalachian Mountains. A surface low moved up the east coast from Georgia and precipitation entered the Central Foothills and Piedmont early in the morning. Below freezing temperatures led to freezing rain across this area including Southern Maryland.

(VA-Z031) CLARKE, (VA-Z042) LOUDOUN, (VA-Z052) PRINCE WILLIAM, (VA-Z057) KING GEORGE

03/12/14 19:45 EST	0	High Wind (MAX 53 kt)
03/13/14 00:30 EST	2K	

A cold front moved through the Mid Atlantic while sharp pressure rises occurred behind the frontal passage. Gusty Northwest winds occurred across the region with widespread gusts up to 55 mph with localized higher amounts.

(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, (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

03/16/14 14:00 EST	0	Winter Storm
03/17/14 14:00 EST	0	

Two areas of low pressure formed south of the Mid Atlantic. Dry and cold air at the surface led to precipitation to quickly change to snow. Heavy snow fell across the region with a confined area of greater than 10 inches across the Central Foothills.

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z050) ORANGE, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z057) KING GEORGE

03/18/14 06:00 EST	0	Winter Weather
03/18/14 09:00 EST	0	

A wedge of high pressure was across the Mid Atlantic. Low level moisture and sub freezing temperatures led to freezing drizzle and freezing rain across the Central Foothills, Shenandoah Valley, Piedmont and Southern Maryland.

(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, (VA-Z501) NORTHERN FAUQUIER

03/19/14 07:00 EST	0	Winter Weather
03/19/14 11:00 EST	0	

A wedge of high pressure was located across the region. Overrunning air masses led to showers and drizzle to from while temperatures were sub freezing at the surface. Freezing rain and drizzle occurred along and surrounding the Blue Ridge.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(VA-Z042) LOUDOUN, (VA-Z051) CULPEPER, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER				
	03/20/14 03:15 EST		0	Dense Fog
	03/20/14 08:20 EST		0	
<p>High pressure moved into the region behind an exiting cold front. Moisture was trapped under a nighttime subsidence inversion and led to dense fog for counties near and east of the Blue Ridge Mountains.</p>				
(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-Z042) LOUDOUN, (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				
	03/25/14 05:00 EST		0	Winter Weather
	03/25/14 23:00 EST		0	
(VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z501) NORTHERN FAUQUIER				
	03/25/14 07:00 EST		0	Winter Storm
	03/25/14 18:00 EST		0	
<p>Low pressure moved past the Mid Atlantic from the Carolinas. High pressure to the north fed freezing temperatures to the region resulting in snow to accumulate across the region. Snowfall occurred during the morning rush for the Baltimore/Washington DC and Interstate 95 corridor.</p>				
(VA-Z503) WESTERN HIGHLAND				
	03/30/14 03:00 EST		0	Winter Storm
	03/30/14 15:00 EST		0	
(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (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, (VA-Z501) NORTHERN FAUQUIER				
	03/30/14 07:00 EST		0	Winter Weather
	03/30/14 18:00 EST		0	
<p>Low pressure intensified off the Mid Atlantic coast while a upper level trough moved across the Southern Appalachians. Colder air wrapped around the low and rain turned to snow especially in higher elevations across the Blue Ridge Mountains.</p>				
WEST VIRGINIA, East				
(WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON				
	03/02/14 03:00 EST		0	Winter Storm
	03/03/14 14:00 EST		0	
(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL				
	03/02/14 15:00 EST		0	Winter Weather
	03/03/14 12:00 EST		0	
<p>A cold front crossed the region as low pressure passed across the south of the Mid Atlantic and heavy snow moved across the region. Temperatures dropped from north to south and precipitation changed from rain to sleet/freezing rain to snow.</p>				
(WV-Z052) BERKELEY, (WV-Z504) EASTERN MINERAL				
	03/12/14 17:55 EST		0	High Wind (MAX 53 kt)
	03/12/14 20:11 EST		0	
<p>A cold front moved through the Mid Atlantic while sharp pressure rises occurred behind the frontal passage. Gusty Northwest winds occurred across the region with widespread gusts up to 55 mph with localized higher amounts.</p>				
(WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON				
	03/16/14 14:00 EST		0	Winter Storm
	03/17/14 14:00 EST		0	

Storm Data and Unusual Weather Phenomena - March 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(WV-Z051) MORGAN, (WV-Z504) EASTERN MINERAL				
	03/16/14 16:00 EST		0	Winter Weather
	03/17/14 14:00 EST		0	
<p>Two areas of low pressure formed south of the Mid Atlantic. Dry and cold air at the surface led to precipitation to quickly change to snow. Heavy snow fell across the region with a confined area of greater than 10 inches across the Central Foothills.</p>				
(WV-Z052) BERKELEY, (WV-Z053) JEFFERSON				
	03/19/14 07:00 EST		0	Winter Weather
	03/19/14 10:00 EST		0	
<p>A wedge of high pressure was located across the region. Overrunning air masses led to showers and drizzle to from while temperatures were sub freezing at the surface. Freezing rain and drizzle occurred along and surrounding the Blue Ridge.</p>				
(WV-Z053) JEFFERSON, (WV-Z501) WESTERN GRANT				
	03/25/14 07:00 EST		0	Winter Weather
	03/25/14 23:00 EST		0	
(WV-Z505) WESTERN PENDLETON				
	03/25/14 07:00 EST		0	Winter Storm
	03/25/14 23:00 EST		0	
<p>Low pressure moved past the Mid Atlantic from the Carolinas. High pressure to the north fed freezing temperatures to the region resulting in snow to accumulate across the region. Snowfall occurred during the morning rush for the Baltimore/Washington DC and Interstate 95 corridor.</p>				
(WV-Z501) WESTERN GRANT, (WV-Z505) WESTERN PENDLETON				
	03/30/14 03:00 EST		0	Winter Storm
	03/30/14 15:00 EST		0	
(WV-Z053) JEFFERSON				
	03/30/14 10:00 EST		0	Winter Weather
	03/30/14 18:00 EST		0	
<p>Low pressure intensified off the Mid Atlantic coast while a upper level trough moved across the Southern Appalachians. Colder air wrapped around the low and rain turned to snow especially in higher elevations across the Blue Ridge Mountains.</p>				