<table>
<thead>
<tr>
<th>Location</th>
<th>Date/Time</th>
<th>Deaths &amp; Injuries</th>
<th>Event Type and Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>DISTRICT OF COLUMBIA</td>
<td></td>
<td></td>
<td>Winter Weather</td>
</tr>
<tr>
<td>(DC-Z001) DISTRICT OF COLUMBIA</td>
<td>01/20/16 18:00 EST</td>
<td>0</td>
<td>Winter Weather</td>
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<tr>
<td></td>
<td>01/20/16 23:00 EST</td>
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<td>Winter Weather</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Storm Data and Unusual Weather Phenomena - January 2016</td>
</tr>
<tr>
<td></td>
<td>01/23/16 14:00 EST</td>
<td>0</td>
<td>Blizzard</td>
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<tr>
<td></td>
<td>01/23/16 18:00 EST</td>
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<td>Blizzard</td>
</tr>
<tr>
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<td>Storm Data and Unusual Weather Phenomena - January 2016</td>
</tr>
<tr>
<td>MARYLAND, Central</td>
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<tr>
<td>(MD-Z014) ANNE ARUNDEL</td>
<td>01/10/16 17:38 EST</td>
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<td>Coastal Flood</td>
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<tr>
<td></td>
<td>01/11/16 01:52 EST</td>
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<td>Coastal Flood</td>
</tr>
<tr>
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<td></td>
<td></td>
<td>Storm Data and Unusual Weather Phenomena - January 2016</td>
</tr>
<tr>
<td>(MD-Z051) EXTREME WESTERN ALLEGANY</td>
<td>01/12/16 08:00 EST</td>
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<td>Winter Weather</td>
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<tr>
<td></td>
<td>01/12/16 21:00 EST</td>
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<td>Winter Weather</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Storm Data and Unusual Weather Phenomena - January 2016</td>
</tr>
<tr>
<td>(MD-Z005) CARROLL</td>
<td>01/16/16 05:05 EST</td>
<td>0</td>
<td>Dense Fog</td>
</tr>
<tr>
<td></td>
<td>01/16/16 08:05 EST</td>
<td>0</td>
<td>Dense Fog</td>
</tr>
</tbody>
</table>

Recent rain over the area resulted in increased low level moisture across the Mid-Atlantic. As this moisture became trapped under a subsidence inversion, fog developed, with areas of dense fog in the valleys of central Maryland.
### Storm Data and Unusual Weather Phenomena - January 2016

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<thead>
<tr>
<th>Location</th>
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</tr>
</thead>
<tbody>
<tr>
<td>(MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD</td>
<td>01/20/16 18:00 EST</td>
<td>0</td>
<td>Winter Weather</td>
<td>A shortwave trough swung through the Mid-Atlantic during the later afternoon and evening hours. A quick burst of snow occurred during the peak of rush hour and with below freezing temperatures already place, led to accumulations of up to one inch. Hundreds of traffic incidents were reported with icy conditions forming on the roadways.</td>
</tr>
<tr>
<td></td>
<td>01/20/16 23:00 EST</td>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>01/22/16 14:00 EST</td>
<td>0</td>
<td>Winter Storm</td>
<td>Coastal low pressure rapidly intensified as it tracked up the Mid-Atlantic coast. At the same time, high pressure to the north was funneling cold air into the region. The strong low pressure system was able to tap into moisture from the Gulf of Mexico and the Atlantic Ocean resulting in heavy amounts of precipitation. The cold air caused that precipitation to fall in the form of snow. Gusty winds also accompanied this storm. The combination of gusty winds and low visibility along with snow and blowing snow caused blizzard conditions across central and southern Maryland.</td>
</tr>
<tr>
<td></td>
<td>01/22/16 01:00 EST</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>01/23/16 05:00 EST</td>
<td>0</td>
<td>Blizzard</td>
<td>Retreating high pressure resulted in colder air being wedged in the valleys along and east of the Appalachians. As a warm front lifted north during the overnight hours, light rain formed, which when combined with the below freezing surface temperatures, resulted in patches of freezing rain.</td>
</tr>
<tr>
<td></td>
<td>01/23/16 18:00 EST</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) NORTHERN BALTIMORE, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z014) ANNE ARUNDEL, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) SOUTHEAST HARFORD</td>
<td>01/26/16 06:00 EST</td>
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<td>Winter Weather</td>
<td></td>
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<tr>
<td></td>
<td>01/26/16 09:00 EST</td>
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<td></td>
<td></td>
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<tr>
<td>(VA-Z025) AUGUSTA, (VA-Z029) PAGE, (VA-Z030) WARREN</td>
<td>01/08/16 00:55 EST</td>
<td>0</td>
<td>Dense Fog</td>
<td>Wedge of high pressure extended across the Mid-Atlantic, resulting in stable conditions, trapping moisture in the valleys of the Shenandoah Valley region. Dense fog formed as a result.</td>
</tr>
<tr>
<td></td>
<td>01/08/16 10:15 EST</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(VA-Z503) WESTERN HIGHLAND</td>
<td>01/12/16 08:00 EST</td>
<td>0</td>
<td>Winter Weather</td>
<td>A strong cold front swung through the region late in the day accompanied by a mid and upper level trough with strong forcing. Steep lapse rates and weak CAPE combining with the upper level support led to the development of snow squalls, resulting in a quick accumulation of a couple of inches over western Highland County.</td>
</tr>
<tr>
<td></td>
<td>01/12/16 21:00 EST</td>
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<td></td>
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</tr>
<tr>
<td>(VA-Z508) CENTRAL VIRGINIA BLUE RIDGE</td>
<td>01/12/16 21:05 EST</td>
<td>0</td>
<td>High Wind (MAX 50 kt)</td>
<td>Tight surface pressure gradient with approaching cold front combining and strong winds aloft combined with strong low level lapse rates, resulting in gusts between 50-65 mph to mix to the surface.</td>
</tr>
<tr>
<td></td>
<td>01/12/16 21:05 EST</td>
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<td></td>
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### Storm Data and Unusual Weather Phenomena - January 2016

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<tr>
<td>(VA-Z025) AUGUSTA, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z053) FAIRFAX, (VA-Z502) SOUTHERN FAUQUIER</td>
<td>01/16/16 02:35 EST</td>
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<td>Dense Fog</td>
<td>01/16/16 10:45 EST</td>
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<tr>
<td></td>
<td>01/20/16 18:00 EST</td>
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<td>Winter Weather</td>
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<tr>
<td></td>
<td>01/22/16 10:00 EST</td>
<td>0</td>
<td>Winter Storm</td>
<td>01/24/16 00:00 EST</td>
</tr>
<tr>
<td>(VA-Z053) PRINCE WILLIAM, (VA-Z054) ARLINGTON, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z506) EASTERN LOUDOUN</td>
<td>01/23/16 03:00 EST</td>
<td>0</td>
<td>Blizzard</td>
<td>01/23/16 18:00 EST</td>
</tr>
</tbody>
</table>

Recent rain over the area resulted in increased low level moisture across the Mid-Atlantic. As this moisture became trapped under a subsidence inversion, fog developed, with areas of dense fog in the valleys of northern Virginia.

A shortwave trough swung through the Mid-Atlantic during the later afternoon and evening hours. A quick burst of snow occurred during the peak of rush hour and with below freezing temperatures already place, led to accumulations of up to one inch. Hundreds of traffic incidents were reported with icy conditions forming on the roadways.

Coastal low pressure rapidly intensified as it tracked up the Mid-Atlantic coast. At the same time, high pressure to the north was funneling cold air into the region. The strong low pressure system was able to tap into moisture from the Gulf of Mexico and the Atlantic Ocean resulting in heavy amounts of precipitation. The cold air caused that precipitation to fall in the form of snow.

Gusty winds also accompanied this storm. The combination of gusty winds and low visibility along with snow and blowing snow caused blizzard conditions across portions of northern Virginia.
### Storm Data and Unusual Weather Phenomena - January 2016

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<tr>
<td>(VA-Z503) WESTERN HIGHLAND</td>
<td>01/29/16 00:00 EST</td>
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<td>Winter Weather</td>
<td></td>
</tr>
<tr>
<td></td>
<td>01/29/16 16:00 EST</td>
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<td>Winter Weather</td>
<td></td>
</tr>
</tbody>
</table>

Northern stream low situated over Ontario swung an associated cold front through the region during the overnight and daytime hours. Snow squalls along this front produced a quick few inches in the upslope regions of the Allegheny Front.

**WEST VIRGINIA, East**


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<th>Event Type and Details</th>
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</thead>
<tbody>
<tr>
<td>01/08/16 13:00 EST</td>
<td>0</td>
<td>Winter Weather</td>
<td></td>
</tr>
<tr>
<td>01/09/16 10:00 EST</td>
<td>0</td>
<td>Winter Weather</td>
<td></td>
</tr>
</tbody>
</table>

A wedge of high pressure remained across the Mid-Atlantic, trapping below freezing temperatures in valleys of eastern West Virginia. An elevated warm front lifted north over the high pressure, resulting in light rain and drizzle. Due to the below freezing temperatures, reports of freezing rain and drizzle were observed.

(WV-Z052) BERKELEY, (WV-Z052) EASTERN GRANT
Wedge of high pressure extended across the Mid-Atlantic, resulting in stable conditions, trapping moisture in the valleys. Dense fog formed as a result.

(WV-Z052) BERKELEY

01/09/16 19:49 EST 0 Dense Fog
01/09/16 21:53 EST 0

A wedge of high pressure remained over the Mid-Atlantic as a warm front slowly lifted north. The warming of temperatures aloft led to stable air mass, trapping moisture in the valleys of eastern West Virginia.

(WV-Z051) WESTERN GRANT, (WV-Z052) EASTERN GRANT, (WV-Z053) WESTERN MINERAL, (WV-Z055) WESTERN PENDLETON

01/12/16 08:00 EST 0 Winter Weather
01/12/16 21:00 EST 0

A strong cold front swung through the region late in the day accompanied by a mid and upper level trough with strong forcing. Steep lapse rates and weak CAPE combining with the upper level support led to the development of snow squalls, resulting in a quick accumulation of a couple of inches over the Potomac Highlands portions of West Virginia.

(WV-Z052) BERKELEY

01/12/16 17:25 EST 0 High Wind (MAX 55 kt)
01/12/16 17:25 EST 0

Tight surface pressure gradient with approaching cold front combining and strong winds aloft combined with strong low level lapse rates, resulting in gusts between 50-65 mph to mix to the surface.


01/22/16 10:00 EST 0 Winter Storm
01/24/16 00:00 EST 0

Coastal low pressure rapidly intensified as it tracked up the Mid-Atlantic coast. At the same time, high pressure to the north was funnelling cold air into the region. The strong low pressure system was able to tap into moisture from the Gulf of Mexico and the Atlantic Ocean resulting in heavy amounts of precipitation. The cold air caused that precipitation to fall in the form of snow.

(WV-Z052) EASTERN GRANT

01/24/16 00:35 EST 0 Dense Fog
01/24/16 08:55 EST 0

The combination of a snowpack from recent snow and building high pressure resulting in light winds and clear skies produce patchy fog with patches becoming dense across eastern West Virginia.


01/26/16 06:00 EST 0 Winter Weather
01/26/16 09:00 EST 0

Retreating high pressure resulted in colder air being wedged in the valleys along and east of the Appalachians. As a warm front lifted north during the overnight hours, light rain formed, which when combined with the below freezing surface temperatures, resulted in patches of freezing rain.

(WV-Z051) WESTERN GRANT, (WV-Z055) WESTERN PENDLETON

01/29/16 00:00 EST 0 Winter Weather
01/29/16 16:00 EST 0

Northern stream low situated over Ontario swung an associated cold front through the region during the overnight and daytime hours. Snow squalls along this front produced a quick few inches in the upslope regions of the Allegheny Front.