

Storm Data and Unusual Weather Phenomena - January 2011

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

(DC-Z001) DISTRICT OF COLUMBIA

	01/11/11 17:00 EST	0		Winter Weather
	01/11/11 22:00 EST	0		

Low pressure tracked through the Ohio Valley on the 11th before transferring its energy to another area of low pressure off the Mid-Atlantic Coast during the evening hours. A period of snow associated with these systems affected the area during the late afternoon and evening hours of the 11th.

(DC-Z001) DISTRICT OF COLUMBIA

	01/17/11 20:00 EST	0		Winter Weather
	01/18/11 05:00 EST	0		

Low pressure tracked up the Mid-Atlantic Coast on the 17th before moving toward New England on the 18th. Precipitation overspread the area on the night of the 17th ahead of the low. Warmer air was drawn into the system, but cold high pressure over New England kept enough low-level cold air in place for a prolonged period of frozen precipitation into the early morning hours of the 18th.

(DC-Z001) DISTRICT OF COLUMBIA

	01/26/11 16:00 EST	1	0	Winter Storm
	01/26/11 21:00 EST		0	

Direct Fatalities: VE

A potent area of low pressure was located over the Tennessee Valley on the morning of Wednesday, January 26th. The warm front associated with the low triggered a period of mixed precipitation early Wednesday morning. There was enough warm air behind the warm front for precipitation to fall in the form of light rain and drizzle later in the morning into the afternoon.

The low passed through the area late in the afternoon into the evening. A burst of heavier precipitation was associated with the low and at the same time colder air was drawn into the system. This caused a period of heavy snow to bring significant snow accumulation to the area in a short period of time. The heavy snow which fell around the evening rush hour caused numerous traffic accidents and there were also numerous power outages due to the heavy snow weighing on trees and power lines.

MARYLAND, Central

(MD-Z501) EXTREME WESTERN ALLEGANY

	01/06/11 20:00 EST	0		Winter Weather
	01/07/11 08:00 EST	0		

The combination of cold air over the relatively moist Great Lakes triggered snow showers for locations along and west of the Allegheny front during the evening hours of the 6th through the morning hours of the 7th.

(MD-Z004) FREDERICK

	01/08/11 05:00 EST	0		Winter Weather
	01/08/11 08:00 EST	0		

A potent area of low pressure was located over the Great Lakes on Saturday, January 8th. An upper-level disturbance associated with the low passed through Maryland Saturday morning triggering a period of snow.

(MD-Z501) EXTREME WESTERN ALLEGANY

	01/08/11 17:00 EST	0		Extreme Cold/Wind Chill
	01/09/11 12:00 EST	0		

Low pressure intensified off the New England coast while high pressure approached from the Midwest. A strong gradient between these two systems caused windy conditions. The gusty winds combined with cold air for extremely low wind chills.

(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)

Storm Data and Unusual Weather Phenomena - January 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT, (MD-Z501) EXTREME WESTERN ALLEGANY				
	01/11/11 16:00 EST	0		Winter Weather
	01/12/11 09:00 EST	0		
<p>Low pressure tracked through the Ohio Valley on the 11th before transferring its energy to another area of low pressure off the Mid-Atlantic Coast during the evening hours. A period of snow associated with these systems affected the area during the late afternoon and evening hours of the 11th. Upslope snow continued into the early morning hours of the 12 for locations along and west of the Allegheny front.</p>				
(MD-Z501) EXTREME WESTERN ALLEGANY				
	01/12/11 07:00 EST	0		Extreme Cold/Wind Chill
	01/13/11 08:00 EST	0		
<p>Low pressure intensified off the New England coast while high pressure approached from the Midwest. A strong gradient between these two systems caused windy conditions. The gusty winds combined with cold air for extremely low wind chills for locations near the Allegheny Front.</p>				
(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z007) HARFORD, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT				
	01/17/11 20:00 EST	0		Winter Weather
	01/18/11 05:00 EST	0		
(MD-Z009) MONTGOMERY, (MD-Z010) HOWARD, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z014) ANNE ARUNDEL				
	01/17/11 20:00 EST	0		Winter Storm
	01/18/11 05:00 EST	0		
<p>Low pressure tracked up the Mid-Atlantic Coast on the 17th before moving toward New England on the 18th. Precipitation overspread the area on the night of the 17th ahead of the low. Warmer air was drawn into the system, but cold high pressure over New England kept enough low-level cold air in place for a prolonged period of frozen precipitation into the early morning hours of the 18th.</p>				
(MD-Z016) CHARLES				
	01/18/11 19:56 EST	0		Dense Fog
	01/19/11 07:00 EST	0		
<p>Warm and moist air overran surface cool air allowing for low clouds and dense fog to develop. Dense fog led to visibilities at or below one quarter mile across portions of southern Maryland.</p>				
(MD-Z005) CARROLL, (MD-Z009) MONTGOMERY				
	01/19/11 00:00 EST	0		Winter Weather
	01/19/11 05:00 EST	0		
<p>Low pressure passed through the region during the early morning hours of the 19th. Rain overspread the area, but there was just enough cold air in place for rain to freeze on some surfaces across portions of northern Maryland.</p>				
(MD-Z006) NORTHERN BALTIMORE, (MD-Z007) HARFORD				
	01/20/11 22:00 EST	0		Winter Weather
	01/21/11 10:00 EST	0		
<p>Low pressure passed through the Mid-Atlantic late on the 20th into the 21st. Precipitation overspread the area during this time. High pressure over New England kept plenty of cold air in place causing the precipitation to fall in the form of snow.</p>				
(MD-Z501) EXTREME WESTERN ALLEGANY				
	01/21/11 08:00 EST	0		Extreme Cold/Wind Chill
	01/22/11 02:00 EST	0		
<p>Low pressure intensified was located off the New England Coast while high pressure approached from the Ohio Valley. The pressure gradient between these two systems caused breezy conditions. Cold temperatures combined with breezy conditions for extremely low wind chill values near the Allegheny Front.</p>				
(MD-Z501) EXTREME WESTERN ALLEGANY				
	01/22/11 23:00 EST	0		Extreme Cold/Wind Chill
	01/23/11 12:00 EST	0		

Storm Data and Unusual Weather Phenomena - January 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Low pressure intensified was located off the New England Coast while high pressure approached from the Ohio Valley. The pressure gradient between these two systems caused breezy conditions. Cold temperatures combined with breezy conditions for extremely low wind chill values near the Allegheny Front.

(MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z007) HARFORD, (MD-Z009) MONTGOMERY, (MD-Z010) HOWARD, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT

01/26/11 03:00 EST	0	Winter Weather
01/26/11 23:00 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-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY

01/26/11 13:00 EST	0	Winter Storm
01/27/11 12:00 EST	0	

A potent area of low pressure was located over the Tennessee Valley on the morning of Wednesday, January 26th. The warm front associated with the low triggered a period of mixed precipitation early Wednesday morning. There was enough warm air behind the warm front for precipitation to fall in the form of light rain and drizzle later in the morning into the afternoon.

The low passed through the area late in the afternoon into the evening. A burst of heavier precipitation was associated with the low and at the same time colder air was drawn into the system. This caused a period of heavy snow to bring significant snow accumulation to the area in a short period of time. The heavy snow which fell around the evening rush hour caused numerous traffic accidents and there were also numerous power outages due to the heavy snow weighing on trees and power lines. Stranded vehicles were also reported around the Baltimore metropolitan area due to the snow.

VIRGINIA, North

(VA-Z503) WESTERN HIGHLAND

01/06/11 20:00 EST	0	Winter Weather
01/07/11 08:00 EST	0	

The combination of cold air over the relatively moist Great Lakes triggered snow showers for locations along and west of the Allegheny front during the evening hours of the 6th through the morning hours of the 7th.

(VA-Z503) WESTERN HIGHLAND

01/08/11 17:00 EST	0	Extreme Cold/Wind Chill
01/09/11 12:00 EST	0	

Low pressure intensified off the New England coast while high pressure approached from the Midwest. A strong gradient between these two systems caused windy conditions. The gusty winds combined with cold air for extremely low wind chills for locations near the Allegheny Front.

(VA-Z026) ROCKINGHAM, (VA-Z029) PAGE, (VA-Z038) GREENE, (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, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z503) WESTERN HIGHLAND

01/11/11 16:00 EST	0	Winter Weather
01/11/11 23:00 EST	0	

(VA-Z503) WESTERN HIGHLAND

01/11/11 23:00 EST	0	Winter Storm
01/12/11 23:00 EST	0	

Low pressure tracked through the Ohio Valley on the 11th before transferring its energy to another area of low pressure off the Mid-Atlantic Coast during the evening hours. A period of snow associated with these systems affected the area during the late afternoon and evening hours of the 11th. Upslope snow continued into the early morning hours of the 12 for locations along and west of the Allegheny front.

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

Storm Data and Unusual Weather Phenomena - January 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	01/12/11 06:00 EST		0	Extreme Cold/Wind Chill
	01/13/11 10:00 EST		0	

Low pressure intensified off the New England coast while high pressure approached from the Midwest. A strong gradient between these two systems caused windy conditions. The gusty winds combined with cold air for extremely low wind chills for locations near the Allegheny Front.

(VA-Z028) FREDERICK, (VA-Z042) LOUDOUN, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z055) STAFFORD, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER

	01/17/11 20:00 EST		0	Winter Weather
	01/18/11 05:00 EST		0	

Low pressure tracked up the Mid-Atlantic Coast on the 17th before moving toward New England on the 18th. Precipitation overspread the area on the night of the 17th ahead of the low. Warmer air was drawn into the system, but cold high pressure over New England kept enough low-level cold air in place for a prolonged period of frozen precipitation into the early morning hours of the 18th.

(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-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z057) KING GEORGE, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER

	01/18/11 17:40 EST		0	Dense Fog
	01/19/11 06:00 EST		0	

Warm and moist air overran surface cool air allowing for low clouds and dense fog to develop. Dense fog led to visibilities at or below one quarter mile across portions of northern and central Virginia.

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

	01/21/11 18:00 EST		0	Extreme Cold/Wind Chill
	01/22/11 02:00 EST		0	

Low pressure intensified was located off the New England Coast while high pressure approached from the Ohio Valley. The pressure gradient between these two systems caused breezy conditions. Cold temperatures combined with breezy conditions for extremely low wind chill values near the Allegheny Front.

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

	01/23/11 07:00 EST		0	Extreme Cold/Wind Chill
	01/23/11 10:00 EST		0	

Low pressure intensified was located off the New England Coast while high pressure approached from the Ohio Valley. The pressure gradient between these two systems caused breezy conditions. Cold temperatures combined with breezy conditions for extremely low wind chill values near the Allegheny Front.

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z040) RAPPAHANNOCK, (VA-Z042) LOUDOUN, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND

	01/26/11 00:00 EST		0	Winter Storm
	01/27/11 12:00 EST		0	

(VA-Z057) KING GEORGE

	01/26/11 15:00 EST		0	Winter Weather
	01/26/11 21:00 EST		0	

A potent area of low pressure was located over the Tennessee Valley on the morning of Wednesday, January 26th. The warm front associated with the low triggered a period of mixed precipitation early Wednesday morning. There was enough warm air behind the warm front for precipitation to fall in the form of light rain and drizzle later during the late morning into the afternoon.

The low passed through the area late in the afternoon into the evening. A burst of heavier precipitation was associated with the low and at the same time colder air was drawn into the system. This caused a period of heavy snow to bring significant snow accumulation to the area in a short period of time. The heavy snow which fell around the evening rush hour caused numerous traffic accidents along with stranded vehicles especially across northern Virginia. Numerous power outages were also reported across northern Virginia where snowfall was the heaviest.

Storm Data and Unusual Weather Phenomena - January 2011

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

(WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z505) WESTERN PENDLETON

01/06/11 20:00 EST	0	Winter Weather
01/07/11 08:00 EST	0	

The combination of cold air over the relatively moist Great Lakes triggered snow showers for locations along and west of the Allegheny front during the evening hours of the 6th through the morning hours of the 7th.

(WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON

01/08/11 17:00 EST	0	Extreme Cold/Wind Chill
01/09/11 12:00 EST	0	

Low pressure intensified off the New England coast while high pressure approached from the Midwest. A strong gradient between these two systems caused windy conditions. The gusty winds combined with cold air for extremely low wind chills for locations near the Allegheny Front.

(WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z505) WESTERN PENDLETON

01/11/11 16:00 EST	0	Winter Weather
01/12/11 04:00 EST	0	

(WV-Z501) WESTERN GRANT, (WV-Z505) WESTERN PENDLETON

01/11/11 23:00 EST	0	Winter Storm
01/12/11 23:00 EST	0	

Low pressure tracked through the Ohio Valley on the 11th before transferring its energy to another area of low pressure off the Mid-Atlantic Coast during the evening hours. A period of snow associated with these systems affected the area during the late afternoon and evening hours of the 11th. Upslope snow continued into the early morning hours of the 12 for locations along and west of the Allegheny front.

(WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON

01/12/11 06:00 EST	0	Extreme Cold/Wind Chill
01/13/11 10:00 EST	0	

Low pressure intensified off the New England coast while high pressure approached from the Midwest. A strong gradient between these two systems caused windy conditions. The gusty winds combined with cold air for extremely low wind chills for locations near the Allegheny Front.

(WV-Z050) HAMPSHIRE, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z055) HARDY

01/17/11 20:00 EST	0	Winter Weather
01/18/11 05:00 EST	0	

Low pressure tracked up the Mid-Atlantic Coast on the 17th before moving toward New England on the 18th. Precipitation overspread the area on the night of the 17th ahead of the low. Warmer air was drawn into the system, but cold high pressure over New England kept enough low-level cold air in place for a prolonged period of frozen precipitation into the early morning hours of the 18th.

(WV-Z052) BERKELEY

01/18/11 22:00 EST	0	Winter Weather
01/19/11 05:00 EST	0	

Low pressure passed through the region during late evening hours of the 18th into the early morning of the 19th. Rain overspread the area, but there was just enough cold air in place for rain to freeze on some surfaces across portions of eastern West Virginia.

(WV-Z501) WESTERN GRANT

01/20/11 22:00 EST	0	Winter Weather
01/21/11 10:00 EST	0	

Low pressure passed through the Mid-Atlantic late on the 20th into the 21st. Precipitation overspread the area during this time. High pressure over New England kept plenty of cold air in place causing the precipitation to fall in the form of snow.

(WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON

Storm Data and Unusual Weather Phenomena - January 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	01/21/11 08:00 EST		0	Extreme Cold/Wind Chill
	01/22/11 02:00 EST		0	

Low pressure intensified was located off the New England Coast while high pressure approached from the Ohio Valley. The pressure gradient between these two systems caused breezy conditions. Cold temperatures combined with breezy conditions for extremely low wind chill values near the Allegheny Front.

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON	01/22/11 23:00 EST		0	Extreme Cold/Wind Chill
	01/23/11 12:00 EST		0	


Low pressure intensified was located off the New England Coast while high pressure approached from the Ohio Valley. The pressure gradient between these two systems caused breezy conditions. Cold temperatures combined with breezy conditions for extremely low wind chill values near the Allegheny Front.

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(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	01/26/11 00:00 EST		0	Winter Storm
	01/27/11 12:00 EST		0	

A potent area of low pressure was located over the Tennessee Valley on the morning of Wednesday, January 26th. The warm front associated with the low triggered a period of mixed precipitation early Wednesday morning. There was enough warm air behind the warm front for precipitation to fall in the form of light rain and drizzle later in the morning into the afternoon.

The low passed through the area late in the afternoon into the evening. A burst of heavier precipitation was associated with the low and at the same time colder air was drawn into the system. This caused a period of heavy snow to bring significant snow accumulation to the area in a short period of time.

Storm Data and Unusual Weather Phenomena - January 2011

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

The picture was taken during the afternoon of Wednesday, January 26th. Snow and reduced visibilities impacted Inwood, West Virginia.