

Storm Data and Unusual Weather Phenomena - February 2015

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

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD [37.97, -75.88]

	02/02/15 10:48 EST	0	Marine Thunderstorm Wind (EG 34 kt)
	02/02/15 11:54 EST	0	Source: Mesonet

Gusts between 33 and 34 knots were reported.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT [38.13, -76.53]

	02/02/15 10:48 EST	0	Marine Thunderstorm Wind (MG 36 kt)
	02/02/15 10:48 EST	0	Source: Mesonet

Heavy showers forming along a cold front mixed down strong winds aloft, resulting in gusty winds across the southern Tidal Potomac and middle portions of the Chesapeake Bay.

DISTRICT OF COLUMBIA

(DC-Z001) DISTRICT OF COLUMBIA

	02/09/15 20:00 EST	0	Winter Weather
	02/10/15 04:00 EST	0	

Low pressure tracked just south of the region during the overnight hours, bringing over running precipitation to areas east of the Blue Ridge. Northeast flow resulting in cold air damming kept temperatures hovering right below freezing, which resulted in light ice formation.

(DC-Z001) DISTRICT OF COLUMBIA

	02/15/15 00:15 EST	0	High Wind (MAX 50 kt)
	02/15/15 00:15 EST	0	

Strong gradient winds formed as a resulting of a tight pressure gradient between low pressure near New England and high pressure building in from the Midwest.

(DC-Z001) DISTRICT OF COLUMBIA

	02/16/15 16:00 EST	0	Winter Storm
	02/17/15 06:00 EST	0	

A surface low formed over Texas, then quickly moved east during the day and overnight, pushing off the Carolina coast by the morning of the 17th. A very cold airmass in place from retreating Arctic high pressure resulted in higher than average snow ratios, between 12:1 and 15:1.

(DC-Z001) DISTRICT OF COLUMBIA

	02/26/15 01:00 EST	0	Winter Weather
	02/26/15 09:00 EST	0	

Low pressure passing to the south brought widespread snow.

MARYLAND, Central

(MD-Z005) CARROLL, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z502) CENTRAL AND EASTERN ALLEGANY, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD, (MD-Z507) NORTHWEST HARFORD, (MD-Z508) SOUTHEAST HARFORD

	02/01/15 20:00 EST	0	Winter Weather
	02/02/15 04:00 EST	0	

Low pressure moving through the Mid-Atlantic brought periods of snow, sleet and freezing rain. Retreating high pressure initially provided a cold air mass, but a strengthening low level jet injected in warmer air overnight, resulting in a transition to sleet and freezing rain.

Storm Data and Unusual Weather Phenomena - February 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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(MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD, (MD-Z507) NORTHWEST HARFORD, (MD-Z508) SOUTHEAST HARFORD	02/09/15 10:00 EST	0		Winter Weather
	02/10/15 08:00 EST	0		
<p>Low pressure tracked just south of the region during the overnight hours, bringing over running precipitation to areas east of the Blue Ridge. Northeast flow resulting in cold air damming kept temperatures hovering right below freezing, which resulted in light ice formation.</p>				
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(MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD	02/14/15 11:14 EST	0		High Wind (MAX 59 kt)
	02/15/15 04:25 EST	0		
<p>Strong gradient winds formed as a resulting of a tight pressure gradient between low pressure near New England and high pressure building in from the Midwest.</p>				
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(MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z014) ANNE ARUNDEL, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD, (MD-Z507) NORTHWEST HARFORD, (MD-Z508) SOUTHEAST HARFORD	02/14/15 16:00 EST	0		Winter Weather
	02/14/15 21:00 EST	0		
<p>A strong cold front moving through brought a quick moderate snow.</p>				
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(MD-Z501) EXTREME WESTERN ALLEGANY	02/14/15 18:00 EST	0		Extreme Cold/Wind Chill
	02/16/15 08:00 EST	0		
<p>Strong Arctic high pressure built in across the region in the wake of a cold front, resulting in multiple days of sub-zero wind chills across mainly the higher elevations of western Maryland.</p>				
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(MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT	02/16/15 14:00 EST	0		Winter Storm
	02/17/15 06:00 EST	0		
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(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD, (MD-Z507) NORTHWEST HARFORD, (MD-Z508) SOUTHEAST HARFORD	02/16/15 16:00 EST	0		Winter Weather
	02/17/15 06:00 EST	0		
<p>A surface low formed over Texas, then quickly moved east during the day and overnight, pushing off the Carolina coast by the morning of the 17th. A very cold airmass in place from retreating Arctic high pressure resulted in higher than average snow ratios, between 12:1 and 15:1. Eastern Maryland received the highest amounts, with lower amounts to the west.</p>				
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(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD, (MD-Z507) NORTHWEST HARFORD, (MD-Z508) SOUTHEAST HARFORD	02/21/15 08:00 EST	0		Winter Storm
	02/22/15 06:00 EST	0		
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(MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	02/21/15 08:00 EST		0	Winter Weather
	02/22/15 00:00 EST		0	

Low pressure lifting from the Ohio River Valley into the eastern Great Lakes dragged a cold front through the region. Southerly flow ahead of the front resulted in high moisture advection and with temperatures hovering in the 20s, moderate to heavy snow was reported across the region.

(MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z018) CALVERT, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD

	02/25/15 23:00 EST		0	Winter Weather
	02/26/15 11:00 EST		0	

(MD-Z016) CHARLES, (MD-Z017) ST. MARY'S

	02/25/15 23:00 EST		0	Winter Storm
	02/26/15 11:00 EST		0	

Low pressure passing to the south brought widespread snow.

VIRGINIA, North

(VA-Z505) WESTERN LOUDOUN

	02/01/15 20:00 EST		0	Winter Weather
	02/02/15 04:00 EST		0	

Low pressure moving through the Mid-Atlantic brought periods of snow, sleet and freezing rain. Retreating high pressure initially provided a cold air mass, but a strengthening low level jet injected in warmer air overnight, resulting in a transition to sleet and freezing rain.

(VA-Z053) FAIRFAX, (VA-Z506) EASTERN LOUDOUN

	02/09/15 20:00 EST		0	Winter Weather
	02/10/15 04:00 EST		0	

Low pressure tracked just south of the region during the overnight hours, bringing over running precipitation to areas east of the Blue Ridge. Northeast flow resulting in cold air damming kept temperatures hovering right below freezing, which resulted in light ice formation.

(VA-Z503) WESTERN HIGHLAND

	02/14/15 16:00 EST		0	Winter Weather
	02/14/15 22:00 EST		0	

A strong cold front moving through brought a quick moderate snow.

(VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE

	02/14/15 18:00 EST		0	Extreme Cold/Wind Chill
	02/16/15 08:00 EST		0	

Strong Arctic high pressure built in across the region in the wake of a cold front, resulting in multiple days of sub-zero wind chills across mainly the higher elevations of the Blue Ridges in Virginia.

(VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE

	02/14/15 19:04 EST		0	High Wind (MAX 56 kt)
	02/15/15 04:00 EST		0	

Strong gradient winds formed as a resulting of a tight pressure gradient between low pressure near New England and high pressure building in from the Midwest.

(VA-Z025) AUGUSTA, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA,

Storm Data and Unusual Weather Phenomena - February 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(VA-Z057) KING GEORGE, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE				
	02/16/15 12:00 EST		0	Winter Storm
	02/17/15 06:00 EST		0	

(VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z501) NORTHERN FAUQUIER, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN				
	02/16/15 12:00 EST		0	Winter Weather
	02/17/15 04:00 EST		0	

A surface low formed over Texas, then quickly moved east during the day and overnight, pushing off the Carolina coast by the morning of the 17th. A very cold airmass in place from retreating Arctic high pressure resulted in higher than average snow ratios, between 12:1 and 15:1. Central Virginia received the highest amounts, with lower amounts to the north and west.

(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-Z040) RAPPAHANNOCK, (VA-Z050) ORANGE, (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, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE				
	02/21/15 08:00 EST		0	Winter Storm
	02/22/15 04:00 EST		0	

(VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z057) KING GEORGE				
	02/21/15 10:00 EST		0	Winter Weather
	02/22/15 06:00 EST		0	

Low pressure lifting from the Ohio River Valley into the eastern Great Lakes dragged a cold front through the region. Southerly flow ahead of the front resulted in high moisture advection and with temperatures hovering in the 20s, moderate to heavy snow was reported across the region.

(VA-Z025) AUGUSTA, (VA-Z037) ALBEMARLE, (VA-Z039) MADISON, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN				
	02/25/15 23:00 EST		0	Winter Weather
	02/26/15 09:00 EST		0	

(VA-Z057) KING GEORGE				
	02/25/15 23:00 EST		0	Winter Storm
	02/26/15 09:00 EST		0	

Low pressure passing to the south brought widespread snow.

WEST VIRGINIA, East

(WV-Z501) WESTERN GRANT				
	02/14/15 16:00 EST		0	Winter Weather
	02/14/15 22:00 EST		0	

A strong cold front moving through brought a quick moderate snow.

(WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON				
	02/14/15 18:00 EST		0	Extreme Cold/Wind Chill
	02/16/15 08:00 EST		0	

Strong Arctic high pressure built in across the region in the wake of a cold front, resulting in multiple days of sub-zero wind chills.

(WV-Z050) HAMPSHIRE, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON				
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Storm Data and Unusual Weather Phenomena - February 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	02/16/15 14:00 EST		0	Winter Weather
	02/17/15 04:00 EST		0	

A surface low formed over Texas, then quickly moved east during the day and overnight, pushing off the Carolina coast by the morning of the 17th. A very cold airmass in place from retreating Arctic high pressure resulted in higher than average snow ratios, between 12:1 and 15:1.

(WV-Z050) HAMPSHIRE, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z055) HARDY, (WV-Z502) EASTERN GRANT, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON

02/21/15 08:00 EST	0	Winter Storm
02/22/15 00:00 EST	0	

(WV-Z051) MORGAN, (WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL

02/21/15 08:00 EST	0	Winter Weather
02/22/15 00:00 EST	0	

Low pressure lifting from the Ohio River Valley into the eastern Great Lakes dragged a cold front through the region. Southerly flow ahead of the front resulted in high moisture advection and with temperatures hovering in the 20s, moderate to heavy snow was reported across the region.

(WV-Z506) EASTERN PENDLETON

02/26/15 01:00 EST	0	Winter Weather
02/26/15 08:00 EST	0	

Low pressure passing to the south brought widespread snow.