

## Storm Data and Unusual Weather Phenomena - February 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ATLANTIC NORTH</b>				
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- RONALD REAGAN NATL ARPT [38.87, -77.07]</b>				
	02/05/08 14:01 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	02/05/08 14:10 EST	0		Source: ASOS
A line of gusty winds crossed portions of the Tidal Potomac River on February 5th. Wind gusts in excess of 30 knots were reported at Reagan National Airport.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 18.3 NW DAHLGREN [38.50, -77.31]</b>				
	02/06/08 23:14 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	02/06/08 23:56 EST	0		Source: ASOS
The automated observation at Quantico Marine Base measured a wind gust of 37 knots.				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 14.7 NW COLTONS PT [38.34, -76.99]</b>				
	02/06/08 23:50 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	02/06/08 23:50 EST	0		Source: Mesonet
An automated observation at Point Lookout measured a wind gust of 37 knots.				
<b>CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.2 SSW SOLOMONS ISLAND [38.32, -76.45]</b>				
	02/07/08 00:00 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	02/07/08 00:30 EST	0		Source: Buoy
The buoy at Solomons Island (SLIM2) measured a wind gust of 37 knots.				
<b>CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 6.1 ESE MILLERS ISLAND [39.13, -76.32]</b>				
	02/07/08 00:00 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	02/07/08 00:00 EST	0		Source: Buoy
The buoy at Baltimore Key Bridge reported a wind gust in excess of 34 knots.				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.4 SE LEWISSETTA [37.99, -76.47]</b>				
	02/07/08 00:00 EST	0		Marine Thunderstorm Wind (MG 40 kt)
	02/07/08 00:30 EST	0		Source: Buoy
The buoy at Lewisetta measured a wind gust of 40 knots.				
<b>CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 6.3 NNE MILLERS ISLAND [39.25, -76.37]</b>				
	02/07/08 00:05 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	02/07/08 00:05 EST	0		Source: Mesonet
An automated observation at Hart Miller Island reported a wind gust in excess of 34 knots.				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.6 WSW STEVENSVILLE [38.98, -76.33]</b>				
	02/07/08 00:05 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	02/07/08 00:05 EST	0		Source: AWOS
An automated observation in Stevensville reported a wind gusts in excess of 30 knots.				
<b>CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 3.5 N COVE POINT [38.43, -76.39]</b>				
	02/07/08 00:12 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	02/07/08 00:15 EST	0		Source: Buoy
The buoy at Cove Point measured a wind gust of 34 knots.				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 5.8 SSE ANNAPOLIS [38.90, -76.44]</b>				
	02/07/08 00:12 EST	0		Marine Thunderstorm Wind (MG 45 kt)
	02/07/08 00:20 EST	0		Source: Buoy

## Storm Data and Unusual Weather Phenomena - February 2008

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

The buoy at Thomas Point Light measured a wind gust of 45 knots.

---

**CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 3.1 N ANNAPOLIS [39.02, -76.49]**

02/07/08 00:44 EST	0		Marine Thunderstorm Wind (MG 34 kt)
02/07/08 00:45 EST	0		Source: Department of Highways

An automated observation from the Maryland Department of Transportation at US-50 and MD-2 in Arnold measured a wind gust of 34 knots.

---

**CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 4.9 SSW STEVENSVILLE [38.92, -76.36]**

02/07/08 00:44 EST	0		Marine Thunderstorm Wind (MG 39 kt)
02/07/08 00:45 EST	0		Source: Mesonet

An automated observation at Kent Island High School measured a wind gust of 39 knots.

**Shows and thunderstorms moved across the Mid Atlantic region during the overnight hours of February 6th through early February 7th. These storms produced wind gusts in excess of 30 knots across portions of the Tidal Potomac River and Maryland Chesapeake Bay.**

---

**TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 1.3 SSW ROUTE 301 BRIDGE [38.31, -77.03], 4.5 NNE COLONIAL BEACH [38.31, -76.93]**

02/18/08 15:19 EST	0		Marine Thunderstorm Wind (MG 34 kt)
02/18/08 15:20 EST	0		Source: Mesonet

Automated observations at Baber Point and Cuckold Creek measured wind gusts of 34 knots.

---

**CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 5.8 SSE ANNAPOLIS [38.90, -76.44]**

02/18/08 15:59 EST	0		Marine Thunderstorm Wind (EG 34 kt)
02/18/08 16:05 EST	0		Source: Buoy

The buoy at Thomas Point Light measured a wind gust in excess of 30 knots.

---

**CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.2 SSW SOLOMONS ISLAND [38.32, -76.45]**

02/18/08 16:30 EST	0		Marine Thunderstorm Wind (EG 34 kt)
02/18/08 16:30 EST	0		Source: Buoy

The buoy at Solomons Island measured a wind gust in excess of 30 knots.

---

**CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 3.5 N COVE POINT [38.43, -76.39]**

02/18/08 16:30 EST	0		Marine Thunderstorm Wind (MG 36 kt)
02/18/08 16:36 EST	0		Source: Buoy

The buoy at Cove Point measured a wind gust of 36 knots.

---

**TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 1.5 SSW PINEY POINT [38.13, -76.53]**

02/18/08 16:31 EST	0		Marine Thunderstorm Wind (EG 34 kt)
02/18/08 16:36 EST	0		Source: Buoy

The buoy at Piney Point measured a wind gust in excess of 30 knots.

---

**CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.7 SE POINT LOOKOUT [38.04, -76.32]**

02/18/08 16:46 EST	0		Marine Thunderstorm Wind (EG 34 kt)
02/18/08 16:46 EST	0		Source: Mesonet

An automated observation at Point Lookout measured a wind gust in excess of 30 knots.

---

**CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 13.7 E PATUXENT RIVER NAS [38.26, -76.18]**

02/18/08 17:03 EST	0		Marine Thunderstorm Wind (EG 34 kt)
02/18/08 17:03 EST	0		Source: Mesonet

An automated observation at Lower Hoopers Island measured a wind gust in excess of 30 knots.

---

**CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- PATUXENT RIVER NAS [38.28, -76.43]**

## Storm Data and Unusual Weather Phenomena - February 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	02/18/08 17:04 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	02/18/08 17:04 EST		0	Source: Other Federal

The automated observation at Patuxent River Naval Air Station reported a wind gust in excess of 30 knots.

### CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 15.4 N SMITH ISLAND [38.22, -76.04]

02/18/08 17:14 EST	0	Marine Thunderstorm Wind (MG 35 kt)
02/18/08 17:14 EST	0	Source: Mesonet

An automated observation at Bishops Head measured a wind gust of 35 knots.

**A cold front moving southeast across the Mid Atlantic triggered scattered showers and thunderstorms on the afternoon of February 18th. The stronger thunderstorms produced wind gusts in excess of 30 knots.**

## DISTRICT OF COLUMBIA

### (DC-Z001) DISTRICT OF COLUMBIA

02/10/08 16:00 EST	3K	Strong Wind (MAX 45 kt)
02/10/08 18:00 EST	0	

Gusty winds developed in the wake of a strong cold front that crossed the region February 10th. Wind gusts near 50 mph were measured near Washington DC. There were several reports of downed trees and power lines as well as power outages within the District.

### (DC-Z001) DISTRICT OF COLUMBIA

02/12/08 08:00 EST	0	Ice Storm
02/12/08 21:00 EST	0	

Light precipitation spread east across the Mid Atlantic ahead of a low pressure system. Temperatures at the onset of precipitation were cold enough to produce light snow. As precipitation spread east, temperatures aloft increased to above freezing while temperatures at the surface remained below freezing. This caused a change over from snow to freezing rain. Road conditions began to rapidly deteriorate during the afternoon rush when rain began to freezing onto the roadways. Numerous traffic accidents were reported across the Washington DC metro.

### (DC-Z001) DISTRICT OF COLUMBIA

02/22/08 00:00 EST	0	Winter Weather
02/22/08 18:00 EST	0	

Low pressure across the Gulf of Mexico spread snow across the region during the overnight hours February 21st and continued through the morning of February 22nd. Warm air moved in aloft, causing snow to mix with and change over to sleet and freezing rain. Only a trace of freezing rain and snow was reported.

## MARYLAND, Central

### (MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z501) EXTREME WESTERN ALLEGANY

02/01/08 00:00 EST	5K	Ice Storm
02/01/08 16:00 EST	0	

### (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z009) MONTGOMERY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY

02/01/08 00:00 EST	0	Winter Weather
02/01/08 16:00 EST	0	

### BALTIMORE COUNTY --- 0.1 SE RUXTON [39.40, -76.65], 0.1 SE RUXTON [39.40, -76.65], 0.1 SE RUXTON [39.40, -76.65], 0.1 SE RUXTON [39.40, -76.65]

02/01/08 16:00 EST	0	Flood (due to Heavy Rain)
02/01/08 18:00 EST	0	Source: Fire Department/Rescue

Baltimore County Fire and Rescue reported flooding and a road closure at the intersection of Ruxton Road and Circle Road in Towson.

## Storm Data and Unusual Weather Phenomena - February 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>BALTIMORE COUNTY --- 0.4 W STEMMERS RUN [39.33, -76.48], 0.4 W STEMMERS RUN [39.33, -76.48], 0.4 W STEMMERS RUN [39.33, -76.48], 0.4 W STEMMERS RUN [39.33, -76.48]</b>				
	02/01/08 16:30 EST		0	Flood (due to Heavy Rain)
	02/01/08 18:00 EST		0	Source: Fire Department/Rescue
Baltimore County Fire and Rescue reported flooding and a road closure at the intersection of Race Road and Golden Ring Road in Rosedale.				
An area of low pressure over the Lower Mississippi River Valley moved up the Appalachians on February 1st. Warmer temperatures aloft combined with subfreezing temperatures at the surface to produce widespread freezing rain across the Mid Atlantic. A quarter of an inch of ice was reported in western Allegany County, with between a trace to a tenth of an inch as far east as northern Baltimore County. Numerous traffic accidents and power outages were reported across the region.				
Precipitation continued through the afternoon and early evening as temperatures rose above freezing. Rainfall amounts between 1 and 3 inches were measured across much of Maryland, with highest amounts from the Baltimore metro area south through lower southern Maryland. Flooding was reported in Baltimore County.				
<b>(MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z009) MONTGOMERY, (MD-Z010) HOWARD, (MD-Z014) ANNE ARUNDEL</b>				
	02/05/08 03:00 EST		0	Dense Fog
	02/05/08 10:00 EST		0	
Areas of dense fog developed during the overnight hours of February 4th and continued through mid morning on February 5th across portions of northeastern Maryland, including the Baltimore and Washington DC suburbs. Visibilities were often reduced to one quarter mile or less.				
<b>WASHINGTON COUNTY --- 1.1 W CORBETT [39.63, -77.75]</b>				
	02/06/08 21:42 EST		1K	Thunderstorm Wind (EG 50 kt)
	02/06/08 21:45 EST		0	Source: County Official
A Washington County official reported a tree down on Wesel Blvd in Hagerstown.				
Showers and thunderstorms moved across the Mid Atlantic region during the overnight hours of February 6th through early February 7th. These storms produced damaging winds that downed trees in Washington County.				
<b>(MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY</b>				
	02/10/08 00:00 EST		0	Winter Weather
	02/10/08 13:00 EST		0	
Upslope snow showers developed February 10th in the wake of a strong cold front. Spotters and Cooperative Observers measured between 1 and 2 inches of snow in Allegany County.				
<b>(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-Z017) ST. MARY'S, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY</b>				
	02/10/08 13:00 EST		57K	High Wind (MAX 54 kt)
	02/10/08 21:00 EST		0	
<b>(MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL</b>				
	02/10/08 15:30 EST		4K	Strong Wind (MAX 45 kt)
	02/10/08 17:00 EST		0	
Gusty winds developed in the wake of a strong cold front that crossed the region February 10th. Wind gusts in excess of 60 mph were measured in some locations, with several hours of wind gusts in excess of 40 mph. This downed trees and power lines across the region. Property damage was also reported due to the winds.				
<b>(MD-Z003) WASHINGTON, (MD-Z502) CENTRAL AND EASTERN ALLEGANY</b>				
	02/12/08 05:00 EST		0	Winter Weather
	02/13/08 15:00 EST		0	
<b>(MD-Z004) FREDERICK, (MD-Z005) CARROLL</b>				
	02/12/08 05:00 EST		0	Winter Storm
	02/13/08 09:00 EST		0	

## Storm Data and Unusual Weather Phenomena - February 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>(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</b>				
	02/12/08 05:00 EST		0	Ice Storm
	02/13/08 05:00 EST		0	
<b>(MD-Z501) EXTREME WESTERN ALLEGANY</b>				
	02/12/08 05:00 EST		0	Heavy Snow
	02/12/08 17:00 EST		0	
<p>Light precipitation spread east across the Mid Atlantic ahead of a low pressure system. Temperatures at the onset of precipitation were cold enough to produce snow. As precipitation spread east of the Blue Ridge, temperatures aloft increased to above freezing while temperatures at the surface remained below freezing. This caused eastern portions of the state to see a change over from snow to freezing rain. Road conditions began to rapidly deteriorate during the afternoon rush when rain began to freezing onto the roadways. Numerous traffic accidents were reported across the Baltimore Metro and across the northern Washington DC suburbs.</p> <p>Several inches of snow was reported in the western part of the state in Allegany and Washington counties, with a mix of snow, sleet and freezing rain in central Maryland. Mostly ice was reported further east into the Baltimore Metro and northern Washington DC suburbs.</p>				
<b>(MD-Z014) ANNE ARUNDEL</b>				
	02/14/08 00:00 EST		0	Winter Weather
	02/14/08 10:00 EST		0	
<p>An upper level disturbance moving over the Mid Atlantic brought a mix of snow and sleet to lower southern Maryland on February 14th. An average of 1 to 2 inches was measured across St. Mary's County.</p>				
<b>(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z007) HARFORD, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z018) CALVERT, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY</b>				
	02/20/08 06:00 EST		0	Winter Weather
	02/20/08 18:00 EST		0	
<p>An Alberta Clipper system brought snow to the Mid Atlantic on February 20th. Snow amounts ranged from 3 to 5 inches along and west of the Allegheny Front to 1 to 2 inches further east across the Baltimore Metro and south across lower southern Maryland.</p>				
<b>(MD-Z003) WASHINGTON, (MD-Z006) NORTHERN BALTIMORE, (MD-Z007) HARFORD, (MD-Z009) MONTGOMERY, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z018) CALVERT, (MD-Z502) CENTRAL AND EASTERN ALLEGANY</b>				
	02/22/08 00:00 EST		0	Winter Weather
	02/22/08 18:00 EST		0	
<b>(MD-Z501) EXTREME WESTERN ALLEGANY</b>				
	02/22/08 00:00 EST		0	Heavy Snow
	02/22/08 18:00 EST		0	
<p>Low pressure across the Gulf of Mexico spread snow across the region during the overnight hours February 21st and continued through the morning of February 22nd. Warm air moved in aloft, causing snow to mix with and change over to sleet and freezing rain. Most locations reported a tenth of an inch or less of ice with only an inch or two of snow. The exception was across western Allegany County where 4 to 6 inches of snow was reported with very little freezing rain or sleet.</p>				
<b>VIRGINIA, North</b>				
<b>(VA-Z021) HIGHLAND, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z053) FAIRFAX</b>				
	02/01/08 00:00 EST		5K	Winter Weather
	02/01/08 12:00 EST		0	
<b>(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-Z041) FAUQUIER, (VA-Z042) LOUDOUN</b>				

## Storm Data and Unusual Weather Phenomena - February 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	02/01/08 00:00 EST		42K	Ice Storm
	02/01/08 12:00 EST		0	

An area of low pressure over the Lower Mississippi River Valley moved up the Appalachians on February 1st. Warmer temperatures aloft combined with subfreezing temperatures at the surface to produce widespread freezing rain across the Mid Atlantic. A quarter of an inch of ice was reported along the Blue Ridge of western and central Virginia, with between a trace to a tenth of an inch east of the Blue Ridge towards the Interstate 95 corridor. Numerous traffic accidents and power outages were reported across the region.

As warmer air continued to filter across the region, rain continued through the afternoon. Rainfall amounts totaled between 1 and 2 inches across northern Virginia.

---

(VA-Z037) ALBEMARLE, (VA-Z041) FAUQUIER, (VA-Z042) LOUDOUN, (VA-Z050) ORANGE, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA

02/04/08 23:00 EST	0	Dense Fog
02/05/08 10:00 EST	0	

Areas of dense fog developed during the overnight hours of February 4th and continued through mid morning on February 5th across portions of northern and central Virginia, including the Washington DC suburbs and the Interstate 95 corridor. Visibilities were often reduced to one quarter mile or less.

---

(VA-Z021) HIGHLAND, (VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z042) LOUDOUN

02/10/08 09:00 EST	0.11M	High Wind (MAX 55 kt)
02/10/08 17:00 EST	0	

---

(VA-Z052) PRINCE WILLIAM

02/10/08 14:30 EST	5K	Strong Wind (MAX 35 kt)
02/10/08 17:00 EST	0	

Gusty winds developed in the wake of a strong cold front that crossed the region February 10th. Wind gusts in excess of 60 mph were measured in some locations, with several hours of wind gusts in excess of 40 mph. This downed trees and power lines across the region. Property damage was also reported due to the winds.

---

(VA-Z028) FREDERICK

02/12/08 03:00 EST	0	Winter Storm
02/13/08 15:00 EST	0	

---

(VA-Z037) ALBEMARLE

02/12/08 05:00 EST	0	Winter Weather
02/13/08 11:30 EST	0	

---

(VA-Z041) FAUQUIER, (VA-Z042) LOUDOUN, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON

02/12/08 05:00 EST	0	Ice Storm
02/13/08 09:00 EST	0	

Light precipitation spread east across the Mid Atlantic ahead of a low pressure system. Temperatures at the onset of precipitation were cold enough to produce snow. As precipitation spread east of the Blue Ridge, temperatures aloft increased to above freezing while temperatures at the surface remained below freezing. This caused eastern portions of the state to see a change over from snow to freezing rain. Road conditions began to rapidly deteriorate during the afternoon rush when rain began to freezing onto the roadways. Numerous traffic accidents were reported across the Washington DC suburbs.

Several inches of snow was reported west of the Blue Ridge, with less than an inch reported further east. Mostly ice was reported further east across northern Virginia and through the Washington DC suburbs.

---

(VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX

02/20/08 06:00 EST	0	Winter Weather
02/20/08 18:00 EST	0	

An Alberta Clipper system brought snow to the Mid Atlantic on February 20th. Snow amounts ranged from 1 to 2 inches for a few locations along and west of the Blue Ridge in the northern Shenandoah Valley and Potomac Highlands and into portions of northern Virginia.

## Storm Data and Unusual Weather Phenomena - February 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>(VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON</b>				
	02/22/08 00:00 EST		0	Winter Weather
	02/22/08 18:00 EST		0	
<p>Low pressure across the Gulf of Mexico spread snow across the region during the overnight hours February 21st and continued through the morning of February 22nd. Warm air moved in aloft, causing snow to mix with and change over to sleet and freezing rain. Most locations reported a tenth of an inch or less of ice with only an inch or two of snow. The exception was Rappahannock County where a quarter of an inch of ice was measured.</p>				
<b>WEST VIRGINIA, East</b>				
<b>(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z054) PENDLETON, (WV-Z055) HARDY, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL</b>				
	02/01/08 00:00 EST		20K	Ice Storm
	02/01/08 13:00 EST		0	
<b>(WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT</b>				
	02/01/08 00:00 EST		0	Winter Weather
	02/01/08 14:00 EST		0	
<p>An area of low pressure over the Lower Mississippi River Valley moved up the Appalachians on February 1st. Warmer temperatures aloft combined with subfreezing temperatures at the surface to produce widespread freezing rain across the Mid Atlantic. A quarter of an inch of ice was reported across the eastern pan handle of West Virginia. Numerous traffic accidents and power outages were reported across the region.</p> <p>Rain continued as warmer temperatures slowly filtered across the region. Up to an inch of rain was reported in Berkeley County during the afternoon and evening.</p>				
<b>(WV-Z502) EASTERN GRANT</b>				
	02/05/08 01:00 EST		0	Dense Fog
	02/05/08 10:00 EST		0	
<p>Areas of dense fog developed during the overnight hours of February 4th and continued through mid morning on February 5th across portions of the eastern pan handle of West Virginia. Visibilities were often reduced to one quarter mile or less.</p>				
<b>BERKELEY COUNTY --- 1.5 SSW JONES SPGS [39.46, -78.11]</b>				
	02/06/08 21:30 EST		1K	Thunderstorm Wind (EG 50 kt)
	02/06/08 21:35 EST		0	Source: County Official
<p>A Berkeley County official reported a tree down on Back Creek Valley Road in Hedgesville, WV.</p> <p>Showers and thunderstorms moved across the Mid Atlantic region during the overnight hours of February 6th through early February 7th. These storms produced damaging winds that downed trees in Berkeley County.</p>				
<b>(WV-Z501) WESTERN GRANT</b>				
	02/02/08 01:00 EST		0	Winter Weather
	02/02/08 13:00 EST		0	
<p>Upslope snow showers developed February 10th in the wake of a strong cold front. Spotters and Cooperative Observers measured between 1 and 2 inches of snow in Grant County.</p>				
<b>(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z054) PENDLETON, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN MINERAL, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL</b>				
	02/10/08 14:00 EST		70K	High Wind (MAX 57 kt)
	02/10/08 18:00 EST		0	
<p>Gusty winds developed in the wake of a strong cold front that crossed the region February 10th. Wind gusts in excess of 60 mph were measured in some locations, with several hours of wind gusts in excess of 40 mph. This downed trees and power lines across the region. Property damage was also reported due to the winds.</p>				
<b>(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN</b>				

## Storm Data and Unusual Weather Phenomena - February 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>GRANT, (WV-Z503) WESTERN MINERAL</b>				
	02/12/08 03:00 EST		0	Winter Weather
	02/13/08 15:00 EST		0	

<b>(WV-Z053) JEFFERSON, (WV-Z504) EASTERN MINERAL</b>				
	02/12/08 03:00 EST		0	Winter Storm
	02/13/08 15:00 EST		0	

Light precipitation spread east across the Mid Atlantic ahead of a low pressure system. Temperatures at the onset of precipitation were cold enough to produce snow. As precipitation spread east towards the Blue Ridge, temperatures aloft increased to above freezing while temperatures at the surface remained below freezing. This caused portions of the eastern pan handle of West Virginia to see a change over from snow to freezing rain. Road conditions began to rapidly deteriorate during the afternoon when rain began to freezing onto the roadways.

Several inches of snow was reported across the eastern pan handle of West Virginia. Freezing rain and sleet was also reported at times mixed with the snow.

<b>(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z054) PENDLETON, (WV-Z055) HARDY, (WV-Z504) EASTERN MINERAL</b>				
	02/20/08 06:00 EST		0	Winter Weather
	02/20/08 18:00 EST		0	

<b>(WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z503) WESTERN MINERAL</b>				
	02/20/08 06:00 EST		0	Heavy Snow
	02/20/08 18:00 EST		0	

An Alberta Clipper system brought snow to the Mid Atlantic on February 20th. Snow amounts ranged from 4 to 7 inches in Mineral and Grant counties to 1 to 3 inches further east across the eastern pan handle of West Virginia.

<b>(WV-Z051) MORGAN, (WV-Z052) BERKELEY</b>				
	02/22/08 00:00 EST		0	Winter Weather
	02/22/08 18:00 EST		0	

Low pressure across the Gulf of Mexico spread snow across the region during the overnight hours February 21st and continued through the morning of February 22nd. Warm air moved in aloft, causing snow to mix with and change over to sleet and freezing rain. Minor snow and ice accumulations were reported.

<b>(WV-Z501) WESTERN GRANT</b>				
	02/27/08 00:00 EST		0	Heavy Snow
	02/28/08 00:00 EST		0	

A cold front moving across the region late February 26th through February 27th triggered snow showers across portions of the eastern pan handle of West Virginia. Up to 10 inches of snow was measured in western Grant County during the 24 hours.