

Storm Data and Unusual Weather Phenomena - February 2010

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

DISTRICT OF COLUMBIA

(DC-Z001) DISTRICT OF COLUMBIA

	02/02/10 17:00 EST	0		Winter Weather
	02/03/10 04:00 EST	0		

Low pressure tracked through the Ohio Valley on the 2nd before emerging off the Mid-Atlantic Coast during the early morning hours of the 3rd. The forcing from the low combined with cold air already in place to produce snow across Washington D.C. during late afternoon hours on the 2nd into the early morning hours of the 3rd.

(DC-Z001) DISTRICT OF COLUMBIA

	02/05/10 10:00 EST	5K		Winter Storm
	02/06/10 17:00 EST	0		

A potent area of low pressure strengthened over the central portion of the nation on the fifth of February. The storm system slowly moved through the Mid-Atlantic during the night of the 5th before redeveloping off the Mid-Atlantic coast on 6th. The storm system finally moved away from the area on the night of the 6th.

Strong high pressure continued to pump in plenty of cold air across the region for the entire event. Due to the slow movement of the storm, there was a prolonged period of precipitation. The storm system ushered in copious amounts of moisture from the Gulf of Mexico and the Atlantic Ocean. The deep moisture combined with the forcing from the storm system to bring a period of heavy precipitation to the area on the night of the 5th through the daytime hours on the 6th. Precipitation finally ended during the evening hours of the 6th as the storm system moved away. Most of the precipitation fell in the form of snow due to the cold air that was already in place.

Major snow accumulations were reported in Washington DC.

(DC-Z001) DISTRICT OF COLUMBIA

	02/09/10 17:00 EST	0		Winter Storm
	02/10/10 18:00 EST	0		

(DC-Z001) DISTRICT OF COLUMBIA

	02/10/10 08:50 EST	0		Blizzard
	02/10/10 13:30 EST	0		

A potent area of low pressure tracked through the Midwest on the 9th. As the low approached the Mid-Atlantic coast, this system phased with energy in the southern branch of the jet stream to cause strong low pressure to develop just off the Delmarva peninsula. The low continued to rapidly strengthen as it moved off to our northeast on the 10th.

The system spread snow across Maryland that began on the 9th and lasted into the 10th. Significant snow accumulations were reported with this storm. As the low pressure rapidly intensified on the 10th, strong winds caused blowing and drifting snow that led to blizzard conditions.

MARYLAND, Central

(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z009) MONTGOMERY, (MD-Z010) HOWARD, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z014) ANNE ARUNDEL

	02/02/10 17:00 EST	0		Winter Storm
	02/03/10 05:00 EST	0		

(MD-Z007) HARFORD, (MD-Z013) PRINCE GEORGES, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY

	02/02/10 17:00 EST	0		Winter Weather
	02/03/10 05:00 EST	0		

Low pressure tracked through the Ohio Valley on the 2nd before emerging off the Mid-Atlantic Coast during the early morning hours of the 3rd. The forcing from the low combined with cold air already in place to produce snow across Maryland during late afternoon hours on the 2nd into the early morning hours of the 3rd.

Storm Data and Unusual Weather Phenomena - February 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(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, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY				

02/05/10 10:00 EST	50K	Winter Storm
02/06/10 18:00 EST	0	

(MD-Z011) SOUTHERN BALTIMORE, (MD-Z014) ANNE ARUNDEL, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT

02/05/10 23:54 EST	0	Blizzard
02/06/10 14:00 EST	0	

A potent area of low pressure strengthened over the central portion of the nation on the fifth of February. The storm system slowly moved through the Mid-Atlantic during the night of the 5th before redeveloping off the Mid-Atlantic coast on 6th. The storm system finally moved away from the area on the night of the 6th.

Strong high pressure continued to pump in plenty of cold air across the region for the entire event. Due to the slow movement of the storm, there was a prolonged period of precipitation. The storm system ushered in copious amounts of moisture from the Gulf of Mexico and the Atlantic Ocean. The deep moisture combined with the forcing from the storm system to bring a period of heavy precipitation to the area on the night of the 5th through the daytime hours on the 6th. Precipitation finally ended during the evening hours of the 6th as the storm system moved away. Most of the precipitation fell in the form of snow due to the cold air that was already in place.

Major snow accumulations were reported throughout the state of Maryland.

(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, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY

02/09/10 12:00 EST	0	Winter Storm
02/11/10 03:00 EST	0	

(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, (MD-Z501) EXTREME WESTERN ALLEGANY

02/10/10 03:00 EST	0	Blizzard
02/10/10 22:00 EST	0	

A potent area of low pressure tracked through the Midwest on the 9th. As the low approached the Mid-Atlantic coast, this system phased with energy in the southern branch of the jet stream to cause strong low pressure to develop just off the Delmarva peninsula. The low continued to rapidly strengthen as it moved off to our northeast on the 10th.

The system spread snow across Maryland that began on the 9th and lasted into the 10th. Major snow accumulations were reported with this storm, especially across the northeastern portion of Maryland. As the low pressure rapidly intensified, strong winds caused blowing and drifting snow that led to blizzard conditions across portions of the state.

(MD-Z501) EXTREME WESTERN ALLEGANY

02/11/10 03:00 EST	0	Winter Weather
02/12/10 12:00 EST	0	

A northwest flow around departing low pressure triggered upslope snow showers for locations along and west of the Allegheny front in western Maryland.

(MD-Z501) EXTREME WESTERN ALLEGANY

02/15/10 12:00 EST	0	Winter Weather
02/18/10 03:00 EST	0	

An upper-level low passed through Maryland on the 15th triggering snow showers. Low pressure intensified as it slowly moved up the New England coast on the 16th and 17th before eventually moving into Canada on the 18th. A northwest flow around the low triggered a prolonged period of upslope snow showers for locations along and west of the Allegheny Front.

(MD-Z005) CARROLL

Storm Data and Unusual Weather Phenomena - February 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	02/24/10 23:00 EST		0	Winter Weather
	02/25/10 06:00 EST		0	

An upper-level low passed through Maryland triggering a period of snow on the night of the 24th. The snow lasted into the morning rush hour across northern Maryland.

(MD-Z501) EXTREME WESTERN ALLEGANY

	02/25/10 02:00 EST		0	Winter Storm
	02/28/10 12:00 EST		0	

(MD-Z501) EXTREME WESTERN ALLEGANY

	02/25/10 18:00 EST		0	Blizzard
	02/26/10 18:00 EST		0	

An upper-level low passed through the Mid-Atlantic on the night of the 24th. The upper-level low combined with energy in the southern branch of the jet stream, causing low pressure to rapidly intensify over New England on the 25th into the 26th. Low pressure remained nearly stationary before finally weakening and moving off to the east on the 28th.

A northwest flow around the low triggered a prolonged period of upslope snow for locations along and west of the Allegheny Front. Gusty winds and locally heavy snow reduced visibility to near zero at times, especially on the night of the 25th into the 26th.

(MD-Z006) NORTHERN BALTIMORE, (MD-Z007) HARFORD

	02/26/10 02:00 EST		0	Winter Weather
	02/26/10 11:00 EST		0	

Strong low pressure developed over New England on the 25th. Moisture wrapped all the way around the low triggering snow across portions of Maryland on the 26th.

(MD-Z006) NORTHERN BALTIMORE, (MD-Z018) CALVERT, (MD-Z501) EXTREME WESTERN ALLEGANY

	02/26/10 06:00 EST		7K	Strong Wind (MAX 40 kt)
	02/26/10 07:00 EST		0	

(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z009) MONTGOMERY, (MD-Z010) HOWARD

	02/26/10 07:44 EST		6K	High Wind (MAX 55 kt)
	02/26/10 12:30 EST		0	

Low pressure moved into New England on the 25th and it rapidly intensified into the 26th as it remained nearly stationary. A strong pressure gradient between the strong low near New England and high pressure over the central part of the nation resulted in gusty winds.

VIRGINIA, North

(VA-Z021) HIGHLAND, (VA-Z031) CLARKE, (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

	02/02/10 14:00 EST		0	Winter Storm
	02/03/10 04:00 EST		0	

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z050) ORANGE, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z057) KING GEORGE

	02/02/10 14:00 EST		0	Winter Weather
	02/03/10 04:00 EST		0	

Low pressure tracked through the Ohio Valley on the 2nd before emerging off the Mid-Atlantic Coast during the early morning hours of the 3rd. The forcing from the low combined with cold air already in place to produce snow across northern and central Virginia during late afternoon hours on the 2nd into the early morning hours of the 3rd.

(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-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)

Storm Data and Unusual Weather Phenomena - February 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ARLINGTON, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z057) KING GEORGE, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER				
	02/05/10 08:00 EST		0.11M	Winter Storm
	02/06/10 17:00 EST		0	
<p>A potent area of low pressure strengthened over the central portion of the nation on the fifth of February. The storm system slowly moved through the Mid-Atlantic during the night of the 5th before redeveloping off the Mid-Atlantic coast on 6th. The storm system finally moved away from the area on the night of the 6th.</p> <p>Strong high pressure continued to pump in plenty of cold air across the region for the entire event. Due to the slow movement of the storm, there was a prolonged period of precipitation. The storm system ushered in copious amounts of moisture from the Gulf of Mexico and the Atlantic Ocean. The deep moisture combined with the forcing from the storm system to bring a period of heavy precipitation to the area on the night of the 5th through the daytime hours on the 6th. Precipitation finally ended during the evening hours of the 6th as the storm system moved away. Most of the precipitation fell in the form of snow due to the cold air that was already in place.</p> <p>Major snow accumulations were reported throughout the state of Virginia.</p>				
(VA-Z025) AUGUSTA, (VA-Z027) SHENANDOAH, (VA-Z030) WARREN, (VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z050) ORANGE, (VA-Z051) CULPEPER				
	02/09/10 10:00 EST		0	Winter Weather
	02/10/10 14:00 EST		0	
(VA-Z021) HIGHLAND, (VA-Z026) ROCKINGHAM, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z031) CLARKE, (VA-Z040) RAPPAHANNOCK, (VA-Z042) LOUDOUN, (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				
	02/09/10 16:00 EST		0	Winter Storm
	02/11/10 03:00 EST		0	
(VA-Z021) HIGHLAND, (VA-Z042) LOUDOUN, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON				
	02/10/10 03:00 EST		0	Blizzard
	02/10/10 22:00 EST		0	
<p>A potent area of low pressure tracked through the Midwest on the 9th. As the low approached the Mid-Atlantic coast, this system phased with energy in the southern branch of the jet stream to cause strong low pressure to develop just off the Delmarva peninsula. The low continued to rapidly strengthen as it moved off to our northeast on the 10th.</p> <p>The system spread snow across Virginia that began on the 9th and lasted into the 10th. Significant snow accumulations were reported with this storm across the northern part of the state. As the low pressure rapidly intensified on the 10th, strong winds caused blowing and drifting snow that led to blizzard across portions of northern Virginia.</p>				
(VA-Z021) HIGHLAND, (VA-Z056) SPOTSYLVANIA				
	02/15/10 12:00 EST		0	Winter Storm
	02/16/10 06:00 EST		0	
(VA-Z025) AUGUSTA				
	02/15/10 12:00 EST		0	Winter Weather
	02/15/10 17:00 EST		0	
<p>An upper-level low passed through northern and central Virginia on the 15th into the early morning hours of the 16th. The system triggered snow showers across portions of the area.</p>				
(VA-Z021) HIGHLAND				
	02/25/10 02:00 EST		0	Winter Storm
	02/28/10 12:00 EST		0	
(VA-Z021) HIGHLAND				
	02/25/10 18:00 EST		0	Blizzard
	02/26/10 18:00 EST		0	
<p>An upper-level low passed through the Mid-Atlantic on the night of the 24th. The upper-level low combined with energy in the southern</p>				

Storm Data and Unusual Weather Phenomena - February 2010

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

branch of the jet stream, causing low pressure to rapidly intensify over New England on the 25th into the 26th. Low pressure remained nearly stationary before finally weakening and moving off to the east on the 28th.

A northwest flow around the low triggered a prolonged period of upslope snow for locations along and west of the Allegheny Front. Gusty winds and locally heavy snow reduced visibility to near zero at times, especially on the night of the 25th into the 26th.

(VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z053) FAIRFAX

	02/26/10 04:00 EST		2.50K	Strong Wind (MAX 40 kt)
	02/26/10 09:00 EST		0	

(VA-Z042) LOUDOUN

	02/26/10 07:00 EST		10K	High Wind (MAX 50 kt)
	02/26/10 08:00 EST		0	

Low pressure moved into New England on the 25th and it rapidly intensified into the 26th as it remained nearly stationary. A strong pressure gradient between the strong low near New England and high pressure over the central part of the nation resulted in gusty winds.

WEST VIRGINIA, East

(WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z054) PENDLETON, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT

	02/02/10 14:00 EST		0	Winter Storm
	02/03/10 04:00 EST		0	

(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL

	02/02/10 17:00 EST		0	Winter Weather
	02/03/10 04:00 EST		0	

Low pressure tracked through the Ohio Valley on the 2nd before emerging off the Mid-Atlantic Coast during the early morning hours of the 3rd. The forcing from the low combined with cold air already in place to produce snow across eastern West Virginia during late afternoon hours on the 2nd into the early morning hours of the 3rd.

(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 GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL

	02/05/10 09:00 EST		31K	Winter Storm
	02/06/10 17:00 EST		0	

A potent area of low pressure strengthened over the central portion of the nation on the fifth of February. The storm system slowly moved through the Mid-Atlantic during the night of the 5th before redeveloping off the Mid-Atlantic coast on 6th. The storm system finally moved away from the area on the night of the 6th.

Strong high pressure continued to pump in plenty of cold air across the region for the entire event. Due to the slow movement of the storm, there was a prolonged period of precipitation. The storm system ushered in copious amounts of moisture from the Gulf of Mexico and the Atlantic Ocean. The deep moisture combined with the forcing from the storm system to bring a period of heavy precipitation to the area on the night of the 5th through the daytime hours on the 6th. Precipitation finally ended during the evening hours of the 6th as the storm system moved away. Most of the precipitation fell in the form of snow due to the cold air that was already in place.

Major snow accumulations were reported throughout the state of West Virginia.

(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 GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL

	02/09/10 09:00 EST		0	Winter Storm
	02/11/10 03:00 EST		0	

(WV-Z054) PENDLETON, (WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL

	02/10/10 03:00 EST		0	Blizzard
	02/10/10 22:00 EST		0	

Storm Data and Unusual Weather Phenomena - February 2010

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

A potent area of low pressure tracked through the Midwest on the 9th. As the low approached the Mid-Atlantic coast, this system phased with energy in the southern branch of the jet stream to cause strong low pressure to develop just off the Delmarva peninsula. The low continued to rapidly strengthen as it moved off to our northeast on the 10th.

The system spread snow across West Virginia that began on the 9th and lasted into the 10th. Significant snow accumulations were reported with this storm. As the low pressure rapidly intensified on the 10th, strong winds caused blowing and drifting snow that led to blizzard conditions.

(WV-Z054) PENDLETON, (WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL

02/11/10 03:00 EST	0	Winter Weather
02/12/10 12:00 EST	0	

A northwest flow around departing low pressure triggered upslope snow showers for locations along and west of the Allegheny front in eastern West Virginia.

(WV-Z054) PENDLETON, (WV-Z501) WESTERN GRANT

02/13/10 14:00 EST	0	Winter Weather
02/14/10 07:00 EST	0	

An upslope northwest flow triggered snow showers for locations along and west of the Allegheny front in West Virginia.

(WV-Z054) PENDLETON, (WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL

02/15/10 11:00 EST	0	Winter Storm
02/18/10 06:00 EST	0	

(WV-Z055) HARDY, (WV-Z504) EASTERN MINERAL

02/15/10 12:00 EST	0	Winter Weather
02/16/10 04:00 EST	0	

Low pressure passed through the Mid-Atlantic on the 15th of February triggering snow showers. The low intensified as it moved through New England on the 16th and 17th. A northwest flow around the low triggered a prolonged period of upslope snow showers for locations along and west of the Allegheny front.

(WV-Z054) PENDLETON, (WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL

02/25/10 02:00 EST	0	Winter Storm
02/28/10 12:00 EST	0	

(WV-Z054) PENDLETON, (WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL

02/25/10 18:00 EST	0	Blizzard
02/26/10 18:00 EST	0	

An upper-level low passed through the Mid-Atlantic on the night of the 24th. The upper-level low combined with energy in the southern branch of the jet stream, causing low pressure to rapidly intensify over New England on the 25th into the 26th. Low pressure remained nearly stationary before finally weakening and moving off to the east on the 28th.

A northwest flow around the low triggered a prolonged period of upslope snow for locations along and west of the Allegheny Front. Gusty winds and locally heavy snow reduced visibility to near zero at times, especially on the night of the 25th into the 26th.

(WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z502) EASTERN GRANT

02/26/10 00:37 EST	2K	High Wind (MAX 58 kt)
02/26/10 08:00 EST	0	

Low pressure moved into New England on the 25th and it rapidly intensified into the 26th as it remained nearly stationary. A strong pressure gradient between the strong low near New England and high pressure over the central part of the nation resulted in gusty winds.