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

ATLANTIC NORTH

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.4 SE TOLLY POINT [38.94, -76.44]

01/31/13 01:48 EST 0 Marine Thunderstorm Wind (MG 51 kt)

01/31/13 01:48 EST 0 Source: Mesonet

Wind gusts up to 51 knots were reported at Tolly Point.

A upper level trough was moving eastward and across most of the eastern U.S. with a surface low pressure center across the eastern Great Lakes. A cold front moved through the Mid Atlantic with dew points in the low 60s ahead of frontal passage. A strong low level jet on the eastern side of trough aided in strong winds reaching the surface. Flood and flash flood also occurred along or just ahead of the frontal passage.

DISTRICT OF COLUMBIA

(DC 7004) DISTRICT OF COLUMBIA

(DC-2001) DISTRICT OF COLUMBIA			
	01/13/13 02:52 EST	0	Dense Fog
	01/13/13 05:45 EST	0	

High pressure was centered off the Atlantic coast. Southerly flow has transported mild temperatures and moisture northward into the Mid Atlantic Region. Calm winds and low level moisture led to dense fog overnight. This was the second consecutive day of dense fog in the region.

/DC 7004\	DISTRICT OF	COLUMBIA

01/13/13 14:52 EST	0	Dense Fog
01/14/13 00:52 EST	0	

High pressure was centered off the Atlantic coast. Southerly flow has transported mild temperatures and moisture northward into the Mid Atlantic Region. Calm winds and low level moisture led to dense fog overnight. This was the third consecutive day of dense fog in the region.

,	DO 7004	DICTRICT	^-	COLUMBIA
l	DC-2001	וטואופוטן	UГ	COLUMBIA

01/24/13 01:00 EST	0	Winter Weather
01/24/13 09:00 EST	0	

A positively tilted trough of low pressure moved through the Mid Atlantic while a weak clipper system moved through Central Virginia. Cold temperatures and banding produced advisory level snowfall accumulations.

(DC-Z001) DISTRICT OF COLUMBIA

01/25/13 14:00 EST	0	Winter Weather
01/25/13 18:00 EST	0	

An Alberta clipper moved through the Mid Atlantic producing light snow for most of the region. Dry air at the surface limited snowfall amounts for most of the area.

(DC-Z001) DISTRICT OF COLUMBIA

01/28/13 04:00 EST	0	Winter Weather
01/28/13 08:00 EST	0	

High pressure was slow to move off the Atlantic Coast and sub freezing air was trapped on the leeward side of the Appalachian Mountains. Southwest flow a few thousand feet above the surface brought above freezing temperatures and led to freezing rain and accumulating ice in the Mid Atlantic.

MARYLAND, Central

(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z502) CENTRAL AND EASTERN ALLEGANY

Page 1 of 9 Printed on: 04/29/2013

ocation	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	01/11/13 21:50 EST	- -	0	Dense Fog
	01/12/13 10:37 EST		0	
gh pressure was centered off the Atl ter sunset led to widespread dense f	antic Coast. Southerly flow drew in og.	moisture off from	the south and off	the Atlantic. Calm winds
MD-Z003) WASHINGTON, (MD-Z004) F MONTGOMERY, (MD-Z010) HOWARD, CHARLES, (MD-Z017) ST. MARY'S, (MD	(MD-Z011) SOUTHERN BALTIMORE,	(MD-Z013) PRINC	E GEORGES, (MD	
	01/12/13 17:49 EST		0	Dense Fog
	01/14/13 00:00 EST		0	
ligh pressure was centered off the Atl lid Atlantic Region. Calm winds and I n the region.	•			
MD-Z004) FREDERICK, (MD-Z005) CAI	RROLL, (MD-Z006) NORTHERN BALT	TIMORE, (MD-Z007) HARFORD, (MD-	-Z009) MONTGOMERY, (MD-Z011)
SOUTHERN BALTIMORE, (MD-Z013) P	• • • • • • • • • • • • • • • • • • • •	ARUNDEL, (MD-Z	,	•
	01/13/13 06:45 EST 01/14/13 05:20 EST		0	Dense Fog
ligh pressure was centered off the Atl Mid Atlantic Region. Calm winds and lo he region.	•			
MD-Z501) EXTREME WESTERN ALLE	GANY			
	01/14/13 18:00 EST		0	Winter Weather
				THIRD Troduio.
A cold front stalled to the south of the emperatures to get below freezing in t	01/15/13 00:00 EST Mid Atlantic region and waves of low	=	0 along it. Northerl	y flow caused
	01/15/13 00:00 EST Mid Atlantic region and waves of low the higher elevations west of the Alle ned in the higher elevations. REDERICK, (MD-Z005) CARROLL, (MD-Z005)	gheny Front. Moi	0 along it. Northerl sture and warmer RN BALTIMORE, (y flow caused air aloft streamed in (MD-Z501) EXTREME WESTERN
emperatures to get below freezing in t rom the Atlantic and freezing rain form MD-Z003) WASHINGTON, (MD-Z004) F	01/15/13 00:00 EST Mid Atlantic region and waves of low the higher elevations west of the Alle ned in the higher elevations. REDERICK, (MD-Z005) CARROLL, (M	gheny Front. Moi	0 along it. Northerl sture and warmer	y flow caused air aloft streamed in
emperatures to get below freezing in to rom the Atlantic and freezing rain form MD-Z003) WASHINGTON, (MD-Z004) FALLEGANY, (MD-Z502) CENTRAL AND A cold front stalled to the south of the get below freezing west of the Blue reezing rain formed where temperatur	Mid Atlantic region and waves of low the higher elevations west of the Alle ned in the higher elevations. REDERICK, (MD-Z005) CARROLL, (MO-Z005)	gheny Front. Moi MD-Z006) NORTHE Irbance moved aloure and warmer ai	0 along it. Northerl sture and warmer RN BALTIMORE, (0 0 ong it. Northerly flex aloft streamed in	y flow caused air aloft streamed in (MD-Z501) EXTREME WESTERN Winter Weather ow caused temperatures a from the Atlantic and
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An Alberta clipper moved through the Mid Atlantic producing light snow for most of the region. Dry air at the surface limited snowfall amounts for most of the area.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(MD-Z003) WASHINGTON, (MD-Z004) F MONTGOMERY, (MD-Z010) HOWARD, (CHARLES, (MD-Z017) ST. MARY'S, (MD ALLEGANY	(MD-Z011) SOUTHERN BALTIMORE,	(MD-Z013) PRINC	E GEORGES, (MD	-Z014) ANNE ARUNDEL, (MD-Z016)
	01/28/13 03:00 EST		0	Winter Weather
	01/28/13 12:00 EST		0	
High pressure was slow to move off the Mountains. Southwest flow a few thou accumulating ice in the Mid Atlantic.	-			
FREDERICK COUNTY 2.1 E PARK M [39.30, -77.38]	IILLS [39.30, -77.38], 1.9 E PARK MILI	LS [39.30, -77.38],	1.9 E PARK MILLS	S [39.30, -77.38], 2.1 E PARK MILLS
[55.55, 11.55]	01/30/13 19:37 EST		0	Flash Flood (due to Heavy Rain)
	01/30/13 21:37 EST		0	Source: Trained Spotter
There was a water rescue of a woman fr throughout the county.	om atop her stranded car on a flooded	I portion of Peters	Road. There were	multiple road closures reported
MONTGOMERY COUNTY 1.3 ESE CL	LARKSBURG [39.22, -77.26], 1.2 ESE	CLARKSBURG [3	39.22, -77.26], 1.3 E	SE CLARKSBURG [39.22, -77.26], 1.3
ESE CLARKSBURG [39.22, -77.26]	01/30/13 20:20 EST		0	Flash Flood (due to Heavy Rain)
	01/30/13 22:20 EST		0	Source: Newspaper
There was a water rescue completed nea	ar Frederick and Newcut Roads.			
CARROLL COUNTY 0.8 NNE CARRO	DLLTON [39.56, -76.92], 0.7 N CARRO	LLTON [39.56, -76	3.92], 0.4 N CARRO	DLLTON [39.56, -76.92], 0.5 NNE
CARROLLTON [39.56, -76.91]	01/30/13 20:55 EST		0	Flood (due to Hoovy Pain)
	01/30/13 20:55 EST		0	Flash Flood (due to Heavy Rain) Source: 911 Call Center
There was flooding at the intersection of		oad was damaged	-	Godice. 311 Gail Genter
FREDERICK COUNTY 1.1 NNE SAMS	S CREEK (39 51 -77 09) 2 7 WNW SA	MS CREEK 139 5	1 -77 151 2 1 F IIN	IIONVII I F [39 48 -77 14] 1 3 SF SAMS
CREEK [39.49, -77.08]	o one in [00:01, 77:00], in 111111 or	0.112.11 [00.0	.,,	northing points, 77114], no on oxime
	01/30/13 21:00 EST		0	Flash Flood (due to Heavy Rain)
	01/30/13 23:00 EST		0	Source: Trained Spotter
There was a bridge under water near the	e intersection of Marston Road and Sin	ns Creek Road.		
	CE [39.32, -77.13], 0.5 NW FLORENC	E [39.32, -77.13], (0.4 WNW FLOREN	CE [39.32, -77.13], 0.4 WNW FLORENCE
[39.32, -77.13]	01/30/13 22:15 EST		0	Flash Flood (due to Heavy Rain)
	01/31/13 00:15 EST		0	Source: 911 Call Center
Shaffersville Road was flooded at Shaffe	ers Mill Road.			
ANNE ARUNDEL COUNTY 0.7 N MA	RYLAND CITY [39.11, -76.82], 1.2 W	MARYLAND CITY	[39.10, -76.84], 1.0	WSW MARYLAND CITY [39.09,
-76.84], 0.1 SW MARYLAND CITY [39.10	0, -76.82]		_	
	01/31/13 02:00 EST	1	0	Flash Flood (due to Heavy Rain)
	01/31/13 04:00 EST		0	Source: 911 Call Center
A homeless woman drowned as rains flo their vehicle stuck in standing water at B	•	-	ent River. Also, the	ere were two females extracted from
Direct Fatalities: F26CA				
A upper level trough was moving eastward Lakes. A cold front moved through on the eastern side of trough aided in strontal passage.	igh the Mid Atlantic with dew points	in the low 60s ahe	ad of frontal pass	age. A strong low level jet

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CHARLES COUNTY --- 0.2 SSW POMFRET [38.58, -77.03]

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details	
	01/31/13 00:57 EST		0	Thunderstorm Wind (EG 50 kt)	
	01/31/13 00:57 EST		1K	Source: 911 Call Center	
There was a tree down near Marshalls	Corner Road and Pomfret Road.				
CHARLES COUNTY 2.0 S DENTSV	/ILLE [38.45, -76.90]				
	01/31/13 01:18 EST		0	Thunderstorm Wind (EG 50 kt)	
	01/31/13 01:18 EST		1K	Source: 911 Call Center	
There was a tree down near the interse	ection of Penns Hill Road and Marcus La	ane.			
ST. MARY'S COUNTY 2.4 NNE CHA	APTICO [38.40, -76.77]				
	01/31/13 01:35 EST		0	Thunderstorm Wind (EG 50 kt)	
	01/31/13 01:35 EST		1K	Source: 911 Call Center	
There was a tree down near Mechanic	sville Road and Asher Road.				
CHARLES COUNTY 0.1 WNW BRY	'ANS ROAD [38.63, -77.07]				
	01/31/13 01:37 EST		0	Thunderstorm Wind (EG 50 kt)	
	01/31/13 01:37 EST		1K	Source: 911 Call Center	
There was a tree down near 2960 Mar	shall Hall Road.				
ST. MARY'S COUNTY 0.8 NNE OA	KVILLE [38.39, -76.64]				
	01/31/13 01:52 EST		0	Thunderstorm Wind (EG 50 kt)	
	01/31/13 01:52 EST		1K	Source: 911 Call Center	
There was a tree down near Three No	tch Road and N. Sandgates Road.				
A upper level trough was moving eas	stward and across most of the eastern	U.S. with a surfac	e low pressure ce	nter across the eastern	
	ough the Mid Atlantic with dew points		•		
on the eastern side of trough aided in frontal passage.	n strong winds reaching the surface. I	Flood and flash flo	od also occurred	along or just ahead of the	
(MD-Z501) EXTREME WESTERN ALL	FGANY				
(iii) Loo., Extractine Websiter ALL	01/31/13 03:00 EST		0	Winter Weather	

An upper trough of low pressure was over the Great Lakes region. After a cold frontal passage, northwest flow produced upslope snow showers west of the Allegheny Front in the Mid Atlantic.

VIRGINIA, North

(VA-Z026) ROCKINGHAM, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z042) LOUDOUN, (VA-Z050) ORANGE, (VA-Z052) PRINCE WILLIAM, (VA-Z055) STAFFORD, (VA-Z057) KING GEORGE, (VA-Z501) NORTHERN FAUQUIER

01/11/13 22:55 EST 0 Dense Fog

01/12/13 13:00 EST 0

High pressure was centered off the Atlantic Coast. Southerly flow drew in moisture off from the south and off the Atlantic. Calm winds after sunset led to widespread dense fog.

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (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) ARLINGTON, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z057) KING GEORGE, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER

01/12/13 17:49 EST 0 Dense Fog

01/14/13 00:00 EST 0

High pressure was centered off the Atlantic coast. Southerly flow has transported mild temperatures and moisture northward into the Mid Atlantic Region. Calm winds and low level moisture led to dense fog overnight. This was the second consecutive day of dense fog

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Date/Time Deaths & **Event Type and Details** Location Property & Injuries Crop Dma in the region. (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, (VA-Z057) KING GEORGE, (VA-Z502) SOUTHERN FAUQUIER 01/13/13 14:52 EST 0 01/14/13 02:15 EST 0 High pressure was centered off the Atlantic coast. Southerly flow has transported mild temperatures and moisture northward into the Mid Atlantic Region. Calm winds and low level moisture led to dense fog overnight. This was the third consecutive day of dense fog in the region. (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-Z501) NORTHERN FAUQUIER, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND 01/15/13 16:00 EST 0 Winter Weather 0 01/16/13 11:00 EST A cold front stalled to the south of the Mid Atlantic region and a weak disturbance moved along it. Northerly flow caused temperatures to get below freezing west of the Blue Ridge and Northern Maryland. Moisture and warmer air aloft streamed in from the Atlantic and freezing rain formed where temperatures were below freezing. (VA-Z036) NELSON 01/17/13 10:00 FST O Winter Storm 01/17/13 23:00 FST O (VA-Z025) AUGUSTA, (VA-Z037) ALBEMARLE 01/17/13 16:00 EST 0 Winter Weather 01/17/13 23:00 EST 0 An upper level trough moved through the eastern U.S. Surface low pressure formed near the Carolinas and tracked eastward towards the Atlantic Coast. Moisture ahead of this system aided in snow development as well as instability. Areas in central Virginia saw the most snowfall. (VA-Z027) SHENANDOAH, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z042) LOUDOUN, (VA-Z050) ORANGE, (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, (VA-Z503) WESTERN HIGHLAND 01/23/13 22:00 EST 0 Winter Weather 01/24/13 09:00 EST A positively tilted trough of low pressure moved through the Mid Atlantic while a weak clipper system moved through Central Virginia. Cold temperatures and banding produced advisory level snowfall accumulations. (VA-Z028) FREDERICK, (VA-Z042) LOUDOUN, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z503) WESTERN HIGHLAND 01/25/13 13:00 EST 0 Winter Weather 01/26/13 18:00 EST 0 An Alberta clipper moved through the Mid Atlantic producing light snow for most of the region. Dry air at the surface limited snowfall amounts for most of the area. (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-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 01/28/13 03:00 EST 0 Winter Weather 01/28/13 10:00 EST High pressure was slow to move off the Atlantic Coast and sub freezing air was trapped on the leeward side of the Appalachian Mountains. Southwest flow a few thousand feet above the surface brought above freezing temperatures and led to freezing rain and accumulating ice in the Mid Atlantic.

STAFFORD COUNTY --- 0.9 SE BEREA [38.34, -77.51]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	01/30/13 01:27 EST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 01:27 EST		0.50K	Source: 911 Call Center
There was a tree down blocking a road near into	ersection of SanFord Drive and	Paul Lane.		
ALBEMARLE COUNTY 0.5 ESE WHITE HAL	LL [38.12, -78.66]			
	01/30/13 18:01 EST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 18:01 EST		2K	Source: Emergency Manager
There were trees down on the 3200 block of Bro	owns Gap Turnpike.			
ALBEMARLE COUNTY 2.2 SW RIO [38.05, -	-78.50]			
	01/30/13 18:02 EST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 18:02 EST		2K	Source: Emergency Manager
There were trees down blocking US Highway 29	9 near the intersection of US Hi	ghway 250 NW of	Charlottesville.	
GREENE COUNTY 0.5 NW STANDARDSVIL	LE [38.31, -78.44]			
	01/30/13 18:09 EST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 18:09 EST		2K	Source: 911 Call Center
There was a tree knocked down onto power line	es along Brush lane.			
MADISON COUNTY 0.6 ESE MADISON [38.	38, -78.26]			
•	01/30/13 18:22 EST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 18:22 EST		5K	Source: 911 Call Center
There were trees down across the county.				
NELSON COUNTY 0.9 N SCHUYLER [37.79	, -78.70]			
	01/30/13 18:22 EST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 18:22 EST		2K	Source: 911 Call Center
There were trees down across Rockfish River R	Road.			
GREENE COUNTY 2.3 S RUCKERSVILLE [3	38.20, -78.37]			
	01/30/13 18:26 EST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 18:26 EST		2K	Source: 911 Call Center
There were several trees down across Preddy 0	Creek Road.			
CULPEPER COUNTY 1.6 ENE CULPEPER [[38.49, -77.97]			
	01/30/13 18:44 EST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 18:44 EST		2K	Source: 911 Call Center
There were a few trees down across Jerico Mills	s Road.			
CULPEPER COUNTY 1.4 SSE INLET [38.46]	, -77.92]			
1.7 OOL INEE! [00.70]			0	Thunderstorm Wind (EG 50 kt)
1.4 OOE MEET [00.40	01/30/13 18:48 EST		0	
22 2. 2. 333 1.7 332 MEET [90.40	·		0.50K	Source: 911 Call Center
There was a tree down along Greens Corner Re	01/30/13 18:48 EST 01/30/13 18:48 EST			
	0 ¹ /30/13 18:48 EST 01/30/13 18:48 EST oad.			
There was a tree down along Greens Corner Ro	0 ¹ /30/13 18:48 EST 01/30/13 18:48 EST oad.			

There were several branches about three inches in diameter knocked down.

A upper level trough was moving eastward and across most of the eastern U.S. with a surface low pressure center across the eastern Great Lakes. A cold front moved through the Mid Atlantic with dew points in the low 60s ahead of frontal passage. A strong low level jet on the eastern side of trough aided in strong winds reaching the surface. Flood and flash flood also occurred along or just ahead of the frontal passage.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LOUDOUN COUNTY 2.0 WSW HILLSBO	PRO [39.18, -77.75], 2.0 WSW HILL	SBORO [39.18, -7	7.75], 2.1 WSW HIL	LLSBORO [39.18, -77.75], 2.0 SW
HILLSBORO [39.18, -77.75]	01/30/13 18:05 EST		0	Flash Flood (due to Heavy Rain)
	01/30/13 20:00 EST		0	Source: Trained Spotter
There were a greek weeked over route 746 a		uator racque in pro		coulde. Trained opered
There was a creek washed over route 716 a	at Silverbrook Lane. There was a v	vater rescue in pro	gress.	
FAUQUIER COUNTY 1.2 NNW DELAPLA	ANE [38.94, -77.93], 1.3 NW DELA	PLANE [38.94, -77	.93], 1.2 NW DELA	PLANE [38.93, -77.93], 1.2 NW
DELAPLANE [38.93, -77.93]	01/30/13 19:11 EST		0	Flash Flood (due to Heavy Rain)
	01/30/13 21:11 EST		0	Source: 911 Call Center
There was water over Winchester Road.				
LOUDOUN COUNTY 1.4 ENE PURCELL'	VILLE [39.16, -77.70], 1.3 ENE PU	RCELLVILLE [39.1	6, -77.70], 1.3 ENE	E PURCELLVILLE [39.16, -77.70], 1.3
ENE PURCELLVILLE [39.16, -77.70]	04/20/42 20/20 FST		0	Floob Flood (due to Hoovy Poin)
	01/30/13 20:30 EST 01/30/13 22:30 EST		0	Flash Flood (due to Heavy Rain) Source: Trained Spotter
Allder School Boad at South Early Catactin (water	U	Source. Trained Spotter
Allder School Road at South Fork Catoctin (Creek was nooded with 2-3 leet of	water.		
AUGUSTA COUNTY 0.2 E CRAIGSVILLI CRAIGSVILLE [38.08, -79.38]	E [38.08, -79.38], 0.0 ENE CRAIGS	VILLE [38.08, -79.	38], 0.1 SSE CRAIC	GSVILLE [38.08, -79.38], 0.2 ESE
[60:00, 10:00]	01/30/13 21:31 EST		0	Flash Flood (due to Heavy Rain)
	01/30/13 23:31 EST		0	Source: 911 Call Center
There was flooding on Quarry Lane in Craig	sville.			
AUGUSTA COUNTY 1.3 ESE WEST AUG	GUSTA [38.27, -79.31], 1.4 ESE WI	EST AUGUSTA [38	3.27, -79.31], 1.4 E	SE WEST AUGUSTA [38.27, -79.31], 1.3
ESE WEST AUGUSTA [38.27, -79.31]	01/30/13 21:31 EST		0	Floor Floor (due to Hoovy Poin)
	01/30/13 23:31 EST		0	Flash Flood (due to Heavy Rain) Source: 911 Call Center
			U	Source. 911 Call Center
The 700 block of Deerfield Valley Road was	under water.			
ROCKINGHAM COUNTY 2.8 WNW BOX	CREEK [38.59, -78.95], 2.4 WNW	BOX CREEK [38.5	9, -78.94], 2.4 W B	OX CREEK [38.59, -78.94], 2.8 NNW
SPARKLING SPGS [38.59, -78.95]	01/30/13 23:45 EST		0	Flash Flood (due to Heavy Rain)
	01/31/13 01:45 EST		0	Source: Emergency Manager
There was water running over the road at H		vas closed	-	
LOUDOUN COUNTY 0.5 NE BROAD RU 0.6 SSE BROAD RUN FARMS [39.02, -77.3		ROAD RUN FARM	S [39.03, -77.37], 0.	.7 S BROAD RUN FARMS [39.02, -77.37],
• ,	01/30/13 23:55 EST		0	Flash Flood (due to Heavy Rain)
	01/31/13 01:55 EST		0	Source: Trained Spotter
Thomas Avenue at Sugarland Run was und	er water.			
A upper level trough was moving eastward Great Lakes. A cold front moved through on the eastern side of trough aided in stro frontal passage.	the Mid Atlantic with dew points	in the low 60s ahe	ad of frontal pass	age. A strong low level jet
(VA-Z503) WESTERN HIGHLAND				
	01/31/13 03:00 EST		0	Winter Weather
	01/31/13 23:59 EST		0	

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An upper trough of low pressure was over the Great Lakes region. After a cold frontal passage, northwest flow produced upslope

snow showers west of the Allegheny Front in the Mid Atlantic.

Location Date/Time Deaths & Property & **Event Type and Details** Injuries Crop Dmg WEST VIRGINIA, East (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z502) EASTERN GRANT, (WV-Z504) EASTERN MINERAL 01/11/13 21:41 EST Dense Fog 01/12/13 10:37 EST 0 High pressure was centered off the Atlantic Coast. Southerly flow drew in moisture off from the south and off the Atlantic. Calm winds after sunset led to widespread dense fog. (WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z055) HARDY, (WV-Z502) EASTERN GRANT, (WV-Z504) EASTERN MINERAL 01/13/13 02:15 FST 0 Dense Fog 01/13/13 11:47 EST 0 High pressure was centered off the Atlantic coast. Southerly flow has transported mild temperatures and moisture northward into the Mid Atlantic Region. Calm winds and low level moisture led to dense fog overnight. This was the second consecutive day of dense fog in the region. (WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL Winter Weather 01/14/13 18:00 EST 0 01/15/13 00:00 EST n A cold front stalled to the south of the Mid Atlantic region and waves of low pressure moved along it. Northerly flow caused temperatures to get below freezing in the higher elevations west of the Allegheny Front. Moisture and warmer air aloft streamed in from the Atlantic and freezing rain formed in the higher elevations. (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** 01/15/13 19:00 EST 0 Winter Weather n 01/16/13 11:00 EST A cold front stalled to the south of the Mid Atlantic region and a weak disturbance moved along it. Northerly flow caused temperatures to get below freezing west of the Blue Ridge and Northern Maryland. Moisture and warmer air aloft streamed in from the Atlantic and freezing rain formed where temperatures were below freezing. (WV-Z501) WESTERN GRANT 01/23/13 22:00 EST 0 Winter Weather 01/24/13 05:00 FST 0 (WV-Z505) WESTERN PENDLETON 01/23/13 22:00 EST 0 Winter Storm 01/24/13 05:00 EST n A positively tilted trough of low pressure moved through the Mid Atlantic while a weak clipper system moved through Central Virginia. Cold temperatures and banding produced advisory level snowfall accumulations. (WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z505) WESTERN PENDLETON 01/25/13 13:00 EST Winter Weather 0 01/26/13 18:00 EST An Alberta clipper moved through the Mid Atlantic producing light snow for most of the region. Dry air at the surface limited snowfall amounts for most of the area. (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** 01/28/13 03:00 EST 0 Winter Weather 01/28/13 12:00 EST 0

High pressure was slow to move off the Atlantic Coast and sub freezing air was trapped on the leeward side of the Appalachian Mountains. Southwest flow a few thousand feet above the surface brought above freezing temperatures and led to freezing rain and

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Property &

Event Type and Details

Deaths &

	Inju	ıries	Crop Dmg		
accumulating ice in the Mid Atlantic.					
_					
(WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z505) WESTERN PENDLETON					
	01/31/13 03:00 EST		0	Winter Weather	
	01/31/13 23:59 EST		0		

An upper trough of low pressure was over the Great Lakes region. After a cold frontal passage, northwest flow produced upslope snow showers west of the Allegheny Front in the Mid Atlantic.

Date/Time

Location

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