Location Date/Time Deaths & Property & **Event Type and Details** Injuries Crop Dmg ATLANTIC NORTH CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 0.2 NNW PATAPSCO BUOY [39.15, -76.39] 01/06/14 05:50 EST Marine Thunderstorm Wind (EG 34 kt) 01/06/14 05:50 EST 0 Source: Buoy Wind gusts of 31 knots were measured at CBIBS Patapsco Buoy. CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 6.7 ENE BALTIMORE APPROACHES BUOY [39.21, -76.25] 01/06/14 05:54 EST 0 Marine Thunderstorm Wind (MG 38 kt) 01/06/14 06:00 EST 0 Source: Mesonet Wind gusts of 38 knots were measured at Tochester. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT LIGHT [38.90, -76.44] 01/06/14 05:55 FST Marine Thunderstorm Wind (EG 34 kt) 01/06/14 05:55 EST 0 Source: Mesonet Wind gusts of 32 knots were measured at Thomas Point. CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.5 E PATUXENT RIVER ASOS [38.29, -76.40] 01/06/14 07:11 FST O Marine Thunderstorm Wind (MG 38 kt) 01/06/14 07:11 EST O Source: Mesonet Wind gusts of 38 knots were measured at Patuxent River. TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.4 SE LEWISETTA [37.99, -76.47] 01/06/14 07:24 EST 0 Marine Thunderstorm Wind (EG 34 kt) 01/06/14 07:30 EST 0 Source: Mesonet Wind gusts of 32 knots were measured at Lewisetta. A cold front moved through the Mid Atlantic in the morning. Showers brought down strong winds across the waters. TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.1 ESE RACCOON POINT [38.14, -75.79] 01/11/14 04:05 EST Marine Thunderstorm Wind (MG 36 kt) 01/11/14 04:50 EST 0 Source: Mesonet Wind gusts of 36 knots were measured at Racoon Point. TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 16.5 WNW SMITH ISLAND [38.03, -76.34] 01/11/14 04:40 EST 0 Marine Thunderstorm Wind (MG 41 kt) 01/11/14 05:00 EST 0 Source: Buov Wind gusts of 41 knots were measured at CBIBS Potomac Point Lookout Buoy. TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.1 WNW POINT LOOKOUT [38.04, -76.32] 01/11/14 04:40 FST 0 Marine Thunderstorm Wind (EG 34 kt) 01/11/14 04:55 EST 0 Source: Mesonet Wind gusts of 33 knots were measured at Point Lookout. TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.1 E BISHOPS HEAD [38.22, -76.04] 01/11/14 05:04 EST 0 Marine Thunderstorm Wind (MG 46 kt) 0 01/11/14 05:45 EST Source: Mesonet Wind gusts of 46 knots were measured at Bishops Head.

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

Page 1 of 9 Printed on: 09/17/2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	01/11/14 12:31 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	01/11/14 12:31 EST		0	Source: Mesonet
Vind gusts of 32 knots were measure	ed at Tolly Point.			
TIDAL POTOMAC INDIAN HD TO CO	OBB IS MD COUNTY 0.2 NNE MONRO 01/11/14 14:20 EST	E CREEK [38.23, -	<b>76.95]</b>	Marine Thunderstorm Wind (MG 41 kt)
	01/11/14 14:20 EST		0	Source: Mesonet
Wind gusts of 41 knots were measure				
CHESAPEAKE BAY SANDY PT TO N	I BEACH MD COUNTY THOMAS POIN	NT LIGHT [38.90, -	76.44]	
	01/11/14 14:50 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	01/11/14 14:50 EST		0	Source: Mesonet
Wind gusts of 34 knots were measure	ed at Thomas Point.			
TIDAL POTOMAC INDIAN HD TO CO	OBB IS MD COUNTY 0.3 ENE BABAR 01/11/14 15:05 EST	POINT [38.31, -77.	<b>03]</b>	Marine Thunderstorm Wind (EG 34 kt)
	01/11/14 15:05 EST		0	Source: Mesonet
Wind gusts of 32 knots were measure			-	
CHESAPEAKE BAY DRUM PT TO SI	MITH PT VA COUNTY 0.5 E PATUXEN	T RIVER ASOS [38	3.29, -76.40]	
	01/11/14 15:06 EST	_	0	Marine Thunderstorm Wind (MG 35 kt)
	01/11/14 15:06 EST		0	Source: AWOS
Wind gusts of 35 knots were measure	ed at Patuxent River.			
TIDAL POTOMAC COBB IS MD TO S	SMITH PT VA COUNTY 6.0 E PINEY PO	OINT [38.13, -76.42	-	Marine Therefore two Wind (50 0414)
	01/11/14 15:09 EST 01/11/14 15:09 EST		0	Marine Thunderstorm Wind (EG 34 kt) Source: AWOS
Maria di successi di COO lori da successi di COO lori			U	Source: AvvOS
Wind gusts of 32 knots were measure	ed at St Inigoes.			
TIDAL POTOMAC COBB IS MD TO S	MITH PT VA COUNTY 0.4 SE LEWISE 01/11/14 15:12 EST	ETTA [37.99, -76.47	<b>7]</b> 0	Marine Thunderstorm Wind (MG 40 kt)
	01/11/14 15:12 EST		0	Source: Mesonet
Wind gusts of 40 knots were measure	ed at Lewisetta.			
CHESAPEAKE BAY N BEACH TO D	RUM PT MD COUNTY 10.9 E CHESAF	PEAKE BEACH [38	• •	
	01/11/14 15:24 EST		0	Marine Thunderstorm Wind (MG 45 kt)
	01/11/14 16:04 EST		0	Source: Mesonet
Wind gusts of 45 knots were measure	ed at Tilghman Elementary School.			
TANGIER SOUND AND THE INLAND	WATERS SURROUNDING BLOODSWO 01/11/14 15:42 EST	RTH ISLAND COL	INTY 0.1 ENE B	ISHOPS HEAD [38.22, -76.04]  Marine Thunderstorm Wind (EG 34 kt)
	01/11/14 15:42 EST		0	Source: Mesonet
	5.7.17 TO TE LOT		Ŭ	552.50. Moderati
Wind gusts of 31 knots were measure	ed at Rishon Head			

DISTRICT OF COLUMBIA

(DC-Z001) DISTRICT OF COLUMBIA

line of showers with embedded thunderstorms led to gusty winds. \\

Page 2 of 9 Printed on: 09/17/2014

	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	01/02/14 16:00 EST		0	Winter Weather
	01/03/14 00:00 EST		0	
ow pressure tracked across the Mid Atlant ast-Central Maryland. Low pressure quick	<del>-</del>	w with the highest	amounts from No	orthern Virginia to
C-Z001) DISTRICT OF COLUMBIA				
	01/05/14 06:00 EST		0	Winter Weather
	01/05/14 12:00 EST		0	
ow pressure tracked up the Appalachian n urface. This led to freezing rain and ice ac	<del>-</del>	<del>-</del>	led to warm air o	verrunning cold air at the
C-Z001) DISTRICT OF COLUMBIA				
	01/10/14 05:00 EST		0	Winter Weather
	01/10/14 11:00 EST		0	
weak disturbance crossed the Mid Atlanti oze on contact.	ic while a wedge of high pressu	re was at the surfa	ce. Precipitation t	hat fell melted aloft and
OC-Z001) DISTRICT OF COLUMBIA	04/44/44 02:00 FCT		0	Dance For
	01/14/14 23:00 EST		0	Dense Fog
	01/15/14 09:00 EST		0	
	01/22/14 23:00 EST		0	
_		outh of the Mid At	antic. Upper level	dynamics led to
noderate to heavy snow to move into the re		outh of the Mid At	antic. Upper level	dynamics led to
noderate to heavy snow to move into the re	egion.			
IARYLAND, Central	egion.			
oderate to heavy snow to move into the re	egion. CE GEORGES, (MD-Z016) CHAR		. MARY'S, (MD-Z0	18) CALVERT
MD-Z004) FREDERICK, (MD-Z005) CARROL	EE GEORGES, (MD-Z016) CHAR 01/02/14 12:00 EST 01/03/14 00:00 EST	LES, (MD-Z017) S1	T. <b>MARY'S, (MD-Z0</b> 0 0	18) CALVERT Winter Weather
MD-Z004) FREDERICK, (MD-Z005) CARROL	EE GEORGES, (MD-Z016) CHAR 01/02/14 12:00 EST 01/03/14 00:00 EST	LES, (MD-Z017) S1	T. <b>MARY'S, (MD-Z0</b> 0 0	18) CALVERT Winter Weather
MARYLAND, Central  MD-Z003) WASHINGTON, (MD-Z013) PRINC	EE GEORGES, (MD-Z016) CHAR 01/02/14 12:00 EST 01/03/14 00:00 EST LL, (MD-Z006) NORTHERN BALT RE, (MD-Z014) ANNE ARUNDEL	LES, (MD-Z017) S1	. MARY'S, (MD-Z0 0 0 0	18) CALVERT Winter Weather  Z009) MONTGOMERY, (MD-Z010)
MD-Z003) WASHINGTON, (MD-Z013) PRINCE MD-Z004) FREDERICK, (MD-Z005) CARROLOWARD, (MD-Z011) SOUTHERN BALTIMO	DE GEORGES, (MD-Z016) CHAR 01/02/14 12:00 EST 01/03/14 00:00 EST LL, (MD-Z006) NORTHERN BALT RE, (MD-Z014) ANNE ARUNDEL 01/02/14 14:00 EST 01/03/14 00:00 EST tic and led to accumulating snow	LES, (MD-Z017) ST	0 0 0 1) HARFORD, (MD-0	18) CALVERT Winter Weather  Z009) MONTGOMERY, (MD-Z010)  Winter Storm
MD-Z003) WASHINGTON, (MD-Z013) PRINCE MD-Z004) FREDERICK, (MD-Z005) CARROLOWARD, (MD-Z011) SOUTHERN BALTIMO ow pressure tracked across the Mid Atlanta	CE GEORGES, (MD-Z016) CHAR 01/02/14 12:00 EST 01/03/14 00:00 EST LL, (MD-Z006) NORTHERN BALT RE, (MD-Z014) ANNE ARUNDEL 01/02/14 14:00 EST 01/03/14 00:00 EST tic and led to accumulating snow	LES, (MD-Z017) ST	0 0 0 1) HARFORD, (MD-0	18) CALVERT Winter Weather  Z009) MONTGOMERY, (MD-Z010)  Winter Storm
IARYLAND, Central  MD-Z003) WASHINGTON, (MD-Z013) PRINCE MD-Z004) FREDERICK, (MD-Z005) CARROL OWARD, (MD-Z011) SOUTHERN BALTIMO ow pressure tracked across the Mid Atlant ast-Central Maryland. Low pressure quick	CE GEORGES, (MD-Z016) CHAR 01/02/14 12:00 EST 01/03/14 00:00 EST LL, (MD-Z006) NORTHERN BALT RE, (MD-Z014) ANNE ARUNDEL 01/02/14 14:00 EST 01/03/14 00:00 EST tic and led to accumulating snow	LES, (MD-Z017) ST	0 0 0 1) HARFORD, (MD-0	18) CALVERT Winter Weather  Z009) MONTGOMERY, (MD-Z010)  Winter Storm
MD-Z003) WASHINGTON, (MD-Z013) PRINCE MD-Z004) FREDERICK, (MD-Z005) CARROLOWARD, (MD-Z011) SOUTHERN BALTIMO ow pressure tracked across the Mid Atlanta	CE GEORGES, (MD-Z016) CHARD 01/02/14 12:00 EST 01/03/14 00:00 EST LLL, (MD-Z006) NORTHERN BALT RE, (MD-Z014) ANNE ARUNDEL 01/02/14 14:00 EST 01/03/14 00:00 EST tic and led to accumulating snowly moved off the coast.	LES, (MD-Z017) ST	O O O O O O O O O O O O O O O O O O O	18) CALVERT Winter Weather  Z009) MONTGOMERY, (MD-Z010) Winter Storm  orthern Virginia to
MARYLAND, Central  MD-Z003) WASHINGTON, (MD-Z013) PRINCE  MD-Z004) FREDERICK, (MD-Z005) CARROI  HOWARD, (MD-Z011) SOUTHERN BALTIMO  Low pressure tracked across the Mid Atlant  East-Central Maryland. Low pressure quick  MD-Z501) EXTREME WESTERN ALLEGANY  A tight pressure gradient between low pres	EE GEORGES, (MD-Z016) CHARD 01/02/14 12:00 EST 01/03/14 00:00 EST  LL, (MD-Z006) NORTHERN BALT RE, (MD-Z014) ANNE ARUNDEL 01/02/14 14:00 EST 01/03/14 00:00 EST tic and led to accumulating snowly moved off the coast.  Y  01/03/14 04:00 EST 01/03/14 04:00 EST	LES, (MD-Z017) ST	O O O O O O O O O O O O O O O O O O O	18) CALVERT Winter Weather  Z009) MONTGOMERY, (MD-Z010) Winter Storm  orthern Virginia to  Extreme Cold/Wind Chill
MARYLAND, Central  MD-Z003) WASHINGTON, (MD-Z013) PRINCE MD-Z004) FREDERICK, (MD-Z005) CARROLL HOWARD, (MD-Z011) SOUTHERN BALTIMO  Low pressure tracked across the Mid Atlant East-Central Maryland. Low pressure quick MD-Z501) EXTREME WESTERN ALLEGAN  A tight pressure gradient between low press with wind chill values -20 and below.  MD-Z003) WASHINGTON, (MD-Z004) FREDI MONTGOMERY, (MD-Z010) HOWARD, (MD-Z010	EEGEORGES, (MD-Z016) CHARD 01/02/14 12:00 EST 01/03/14 00:00 EST  LL, (MD-Z006) NORTHERN BALT RE, (MD-Z014) ANNE ARUNDEL 01/02/14 14:00 EST 01/03/14 00:00 EST tic and led to accumulating snowly moved off the coast.  Y  01/03/14 04:00 EST 01/03/14 04:00 EST sure and high pressure moving ERICK, (MD-Z005) CARROLL, (MZ011) SOUTHERN BALTIMORE,	LES, (MD-Z017) ST  TIMORE, (MD-Z007)  w with the highest into the region let (MD-Z006) NORTHE (MD-Z013) PRINC	O O O O O O O O O O O O O O O O O O O	18) CALVERT Winter Weather  Z009) MONTGOMERY, (MD-Z010) Winter Storm  Orthern Virginia to  Extreme Cold/Wind Chill  long the Allegheny Front  MD-Z007) HARFORD, (MD-Z009)
A shortwave trough moved into the region of moderate to heavy snow to move into the remoderate to heavy snow the remove into	EEGEORGES, (MD-Z016) CHARD 01/02/14 12:00 EST 01/03/14 00:00 EST  LL, (MD-Z006) NORTHERN BALT RE, (MD-Z014) ANNE ARUNDEL 01/02/14 14:00 EST 01/03/14 00:00 EST tic and led to accumulating snowly moved off the coast.  Y  01/03/14 04:00 EST 01/03/14 04:00 EST sure and high pressure moving ERICK, (MD-Z005) CARROLL, (MZ011) SOUTHERN BALTIMORE,	LES, (MD-Z017) ST  TIMORE, (MD-Z007)  w with the highest into the region let (MD-Z006) NORTHE (MD-Z013) PRINC	O O O O O O O O O O O O O O O O O O O	18) CALVERT Winter Weather  Z009) MONTGOMERY, (MD-Z010) Winter Storm  Orthern Virginia to  Extreme Cold/Wind Chill  long the Allegheny Front  MD-Z007) HARFORD, (MD-Z009)

01/06/14 00:00 EST

Page 3 of 9 Printed on: 09/17/2014

0

Location Date/Time Deaths & **Event Type and Details** Property & Injuries Crop Dmg Low pressure tracked up the Appalachian mountains and southerly flow ahead of the system led to warm air overrunning cold air at the surface. This led to freezing rain and ice accumulation across the Mid Atlantic. (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z009) MONTGOMERY, (MD-Z010) HOWARD, (MD-Z011) SOUTHERN BALTIMORE 01/05/14 20:15 EST 0 Dense Fog 01/06/14 12:25 EST 0 Warm and moist air moved over the snow pack ahead of a strong cold front that was approaching from the Ohio Valley. Dense fog formed across Northern Maryland and along Interstate 95 into the morning hours. (MD-Z003) WASHINGTON, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY 01/06/14 17:00 EST 0 Extreme Cold/Wind Chill 01/07/14 06:00 EST 0 An arctic front moved through the Mid Atlantic and cold air moved into the region. Gusty winds and cold temperatures led to wind chill values below -20. High pressure settled across the area and led to cold conditions to continue for a few days. (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE 01/07/14 06:00 EST 0 Extreme Cold/Wind Chill 01/07/14 06:00 EST O A pressure gradient ahead of high pressure moving into the region led to gusty winds and cold conditions across the Mid Atlantic. Wind chill values of -20 and below occurred in Northern 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** 01/10/14 05:00 EST 0 Winter Weather 01/10/14 11:00 EST O A weak disturbance crossed the Mid Atlantic while a wedge of high pressure was at the surface. Precipitation that fell melted aloft and froze on contact. (MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z006) NORTHERN BALTIMORE, (MD-Z010) HOWARD, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT, (MD-Z502) CENTRAL AND EASTERN **ALLEGANY** 01/10/14 23:45 FST 0 Dense Foa 01/11/14 19:50 EST 0 Warm air moved over a cold ground and dense fog formed across the region. An area of rain moved into the Central Foothills and led to visibility improvements for a brief period before decreasing again. ST. MARY'S COUNTY --- RIDGE [38.12, -76.37] 01/11/14 15:14 FST 2K Thunderstorm Wind (EG 50 kt) 01/11/14 15:14 EST Source: 911 Call Center There were reports of damage to trailers, debris strewn about and power lines down with a transformer out. A cold front moved through the Mid Atlantic and surface heating ahead of the front led to an unstable air mass in Southern Maryland. A line of showers with embedded thunderstorms led to gusty winds. (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 01/14/14 01:00 EST 0 Dense Fog 01/15/14 12:45 EST 0 Ridging across the area led to clear and calm conditions and radiational cooling led to temperatures to drop to saturation quickly. Dense fog formed quickly for areas east of the Blue Ridge.

(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-Z017) ST.

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

Page 4 of 9 Printed on: 09/17/2014

21/14 05:00 EST 22/14 01:00 EST 21/14 11:00 EST 22/14 01:00 EST ressure developed s 22/14 01:00 EST 22/14 01:00 EST 22/14 01:00 EST 22/14 01:00 EST 22/14 01:00 EST 22/14 01:00 EST	STERN ALLEGAN		Winter Storm  Winter Weather  dynamics led to  Extreme Cold/Wind Chill
21/14 11:00 EST 22/14 01:00 EST ressure developed s 0) CENTRAL AND EA 22/14 01:00 EST 22/14 01:00 EST ing pressure gradien	STERN ALLEGAN	0 0 lantic. Upper level Y	dynamics led to
ressure developed s  CENTRAL AND EA  22/14 01:00 EST  22/14 01:00 EST  22/14 01:00 EST	STERN ALLEGAN	0 lantic. Upper level Y	dynamics led to
ressure developed s  CENTRAL AND EA  22/14 01:00 EST  22/14 01:00 EST  22/14 01:00 EST	STERN ALLEGAN	0 lantic. Upper level Y	dynamics led to
cessure developed s c) CENTRAL AND EA 22/14 01:00 EST 22/14 01:00 EST ng pressure gradien	STERN ALLEGAN	lantic. Upper level Y	
22/14 01:00 EST 22/14 01:00 EST 22/14 01:00 EST	STERN ALLEGAN	<b>Y</b> 0	
22/14 01:00 EST 22/14 01:00 EST ng pressure gradien		0	Extreme Cold/Wind Chill
22/14 01:00 EST ng pressure gradien	it between the dep		Extreme Cold/Wind Chill
ng pressure gradien	it between the dep	0	
	t between the dep		
	·	arting low pressur	e. Gusty northwest
) CENTRAL AND EA	STERN ALLEGAN		
23/14 17:00 EST		0	Extreme Cold/Wind Chill
23/14 17:00 EST		0	
l air and gusty wind	s. Wind chill value	s were -20 and bel	ow in the Potomac
28/14 00:00 EST		0	Extreme Cold/Wind Chill
28/14 00:00 EST		0	
=		ng cold front. Gust	y winds and cold
28/14 17:00 EST		0	Winter Storm
29/14 06:00 EST		0	
DEL. (MD-Z016) CHA	ARLES. (MD-Z018)	CALVERT	
28/14 19:00 EST	-, ( = -: · · · )	0	Winter Weather
30/14 04:00 EST		0	
twave trough move	d into the Mid Atla	ntic from the west.	Accumulating snow
29/14 03:00 EST		0	Extreme Cold/Wind Chill
29/14 03:00 EST		0	
	28/14 00:00 EST 28/14 00:00 EST 28/14 00:00 EST 28/14 00:00 EST 28/14 17:00 EST 29/14 06:00 EST  DEL, (MD-Z016) CH/ 28/14 19:00 EST 30/14 04:00 EST  twave trough moved 29/14 03:00 EST 29/14 03:00 EST	lair and gusty winds. Wind chill value 28/14 00:00 EST 28/14 00:00 EST sure gradient existed due to a departion the Potomac Highlands.  28/14 17:00 EST 29/14 06:00 EST  DEL, (MD-Z016) CHARLES, (MD-Z018) 28/14 19:00 EST 30/14 04:00 EST twave trough moved into the Mid Atla 29/14 03:00 EST 29/14 03:00 EST 29/14 03:00 EST	lair and gusty winds. Wind chill values were -20 and belong 28/14 00:00 EST 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

(VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (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-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z503) WESTERN HIGHLAND

01/02/14 10:00 EST	0	Winter Weather
01/03/14 00:00 EST	0	

(VA-Z042) LOUDOUN

Page 5 of 9 Printed on: 09/17/2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	01/02/14 14:00 EST		0	Winter Storm
	01/03/14 00:00 EST		0	
Low pressure tracked across the Mid Atlant East-Central Maryland. Low pressure quickl	<u>-</u>	v with the highest	amounts from No	rthern Virginia to
(VA-Z503) WESTERN HIGHLAND, (VA-Z504)	EASTERN HIGHLAND			
	01/03/14 04:00 EST		0	Extreme Cold/Wind Chill
	01/03/14 04:00 EST		0	
A tight pressure gradient between low presswith wind chill values -20 and below.	sure and high pressure moving	into the region led	d to gusty winds a	long the Allegheny Front
VA-Z025) AUGUSTA, (VA-Z026) ROCKINGH. NELSON, (VA-Z037) ALBEMARLE, (VA-Z038 CULPEPER, (VA-Z052) PRINCE WILLIAM, (V FAUQUIER	) GREENE, (VA-Z039) MADISON	, (VA-Z040) RAPP	AHANNOCK, (VA-Z	2050) ORANGE, (VA-Z051)
AGGOLIK	01/05/14 06:00 EST		0	Winter Weather
	01/06/14 00:00 EST		0	
VA-Z031) CLARKE, (VA-Z042) LOUDOUN				
	01/05/14 10:00 EST		0	Winter Storm
	01/06/14 00:00 EST		0	
Low pressure tracked up the Appalachian meterface. This led to freezing rain and ice acc	<del>-</del>	=	i led to warm air o	verrunning cold air at the
,, (,,	01/05/14 10:00 EST		0	Ice Storm
	01/06/14 00:00 EST		0	
Low pressure tracked up the Appalachian m surface. This led to freezing rain and ice acc	<del>-</del>	· <del>-</del>	ı led to warm air o	verrunning cold air at the
VA-Z503) WESTERN HIGHLAND, (VA-Z504)	EASTERN HIGHLAND			
	01/06/14 17:00 EST		0	Extreme Cold/Wind Chill
	01/06/14 17:00 EST		0	
An arctic front moved through the Mid Atlar values below -20. High pressure settled acro			•	eratures led to wind chill
(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGH, CLARKE, (VA-Z036) NELSON, (VA-Z037) ALI (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z056) SPOTSYLVANIA, (VA-Z057) KING HIGHLAND, (VA-Z504) EASTERN HIGHLAND	BEMARLE, (VA-Z038) GREENE, (VA-Z052) PRINCE WILLIAM, (VA GEORGE, (VA-Z501) NORTHERI	(VA-Z039) MADIS( A-Z053) FAIRFAX,	ON, (VA-Z040) RAF (VA-Z054) ARLING	PPAHANNOCK, (VA-Z042) LOUDOUN, GTON, (VA-Z055) STAFFORD,
	01/10/14 04:00 EST		0	Winter Weather
	01/10/14 11:00 EST		0	
A weak disturbance crossed the Mid Atlanti roze on contact.	c while a wedge of high pressur	e was at the surfa	ice. Precipitation t	hat fell melted aloft and
VA-Z028) FREDERICK				
	01/11/14 00:35 EST		0	Dense Fog
	01/11/14 02:35 EST		0	
Warm air moved over a cold ground and de visibility improvements for a brief period be	=	n. An area of rain	moved into the Co	entral Foothills and led to

(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

Page 6 of 9 Printed on: 09/17/2014

	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	01/14/14 00:00 EST		0	Dense Fog
	01/15/14 22:35 EST		0	
Ridging across the area led to clear og formed quickly for areas east of	and calm conditions and radiational co	ooling led to tempo	eratures to drop to	saturation quickly. Dense
	CKINGHAM, (VA-Z027) SHENANDOAH, .Z052) PRINCE WILLIAM, (VA-Z053) FAI A-Z504) EASTERN HIGHLAND			
,	01/21/14 05:00 EST		0	Winter Storm
	01/21/14 23:00 EST		0	
VA-Z037) ALBEMARLE, (VA-Z038) G	GREENE, (VA-Z039) MADISON, (VA-Z04	0) RAPPAHANNOC	K, (VA-Z050) ORA	NGE, (VA-Z051) CULPEPER,
VA-Z055) STAFFORD, (VA-Z056) SP	OTSYLVANIA, (VA-Z057) KING GEORG	E, (VA-Z502) SOUT		
	01/21/14 07:00 EST		0	Winter Weather
	01/21/14 23:00 EST		0	
A shortwave trough moved into the moderate to heavy snow to move int	region while low pressure developed s to the region.	outh of the Mid At	antic. Upper level	dynamics led to
VA-Z503) WESTERN HIGHLAND, (VA	A-Z504) EASTERN HIGHLAND			
	01/22/14 01:00 EST		0	Extreme Cold/Wind Chill
	01/22/14 01:00 EST		0	
winds and cold temperatures results (VA-Z503) WESTERN HIGHLAND, (VA			0	Extreme Cold/Wind Chill
	01/23/14 17:00 EST		0	
				ow in the Potomac
= =	on reinforcing cold air and gusty wind	s. Wind chill value	s were -20 and bel	
lighlands.		s. Wind chill value	s were -20 and bel	
lighlands.		s. Wind chill value	s were -20 and bel	Extreme Cold/Wind Chill
A cold front moved through the regional state of the color of the colo	A-Z504) EASTERN HIGHLAND	s. Wind chill value		
Highlands.  VA-Z503) WESTERN HIGHLAND, (VA	<b>A-Z504) EASTERN HIGHLAND</b> 01/28/14 00:00 EST	d due to a departii	0	Extreme Cold/Wind Chill
Highlands.  VA-Z503) WESTERN HIGHLAND, (VA-Z503) WESTERN H	A-Z504) EASTERN HIGHLAND 01/28/14 00:00 EST 01/28/14 00:00 EST region while a pressure gradient existe	d due to a departi ands.	0 0 ng cold front. Gus	Extreme Cold/Wind Chill ty winds and cold
Highlands.  VA-Z503) WESTERN HIGHLAND, (VA-Z503) WESTERN H	A-Z504) EASTERN HIGHLAND 01/28/14 00:00 EST 01/28/14 00:00 EST region while a pressure gradient existe t -20 and below for the Potomac Highla	d due to a departi ands.	0 0 ng cold front. Gus , (VA-Z057) KING 0	Extreme Cold/Wind Chill ty winds and cold
Highlands.  (VA-Z503) WESTERN HIGHLAND, (VA  High pressure was moving into the reconditions led to wind chill values at	A-Z504) EASTERN HIGHLAND 01/28/14 00:00 EST 01/28/14 00:00 EST region while a pressure gradient existe t -20 and below for the Potomac Highla	d due to a departi ands.	0 0 ng cold front. Gus	Extreme Cold/Wind Chill  ty winds and cold  GEORGE
Highlands.  VA-Z503) WESTERN HIGHLAND, (VA-Z503) WESTERN HIGHLAND, (VA-Z050) ORANGE, (VA-Z051) CULF	A-Z504) EASTERN HIGHLAND  01/28/14 00:00 EST  01/28/14 00:00 EST  region while a pressure gradient existe t -20 and below for the Potomac Highla  PEPER, (VA-Z055) STAFFORD, (VA-Z056)  01/28/14 19:00 EST  01/29/14 04:00 EST	d due to a departi ands. 6) SPOTSYLVANIA	0 0 ng cold front. Gus , (VA-Z057) KING 0 0	Extreme Cold/Wind Chill  ty winds and cold  GEORGE  Winter Weather
Highlands.  VA-Z503) WESTERN HIGHLAND, (VA-Z503) WESTERN HIGHLAND, (VA-Z050) High pressure was moving into the reconditions led to wind chill values at VA-Z050) ORANGE, (VA-Z051) CULF  Low pressure moved along the east moved into the Piedmont and South	A-Z504) EASTERN HIGHLAND  01/28/14 00:00 EST  region while a pressure gradient existe t -20 and below for the Potomac Highla  PEPER, (VA-Z055) STAFFORD, (VA-Z056)  01/28/14 19:00 EST  01/29/14 04:00 EST  coast while a shortwave trough movedern Maryland.	d due to a departi ands. 6) SPOTSYLVANIA	0 0 ng cold front. Gus , (VA-Z057) KING 0 0	Extreme Cold/Wind Chill  ty winds and cold  GEORGE  Winter Weather
Highlands.  VA-Z503) WESTERN HIGHLAND, (VA-Z503) WESTERN HIGHLAND, (VA-Z050) DRANGE, (VA-Z051) CULF  Low pressure moved along the east noved into the Piedmont and South	A-Z504) EASTERN HIGHLAND  01/28/14 00:00 EST  region while a pressure gradient existe t -20 and below for the Potomac Highla  PEPER, (VA-Z055) STAFFORD, (VA-Z056)  01/28/14 19:00 EST  01/29/14 04:00 EST  coast while a shortwave trough movedern Maryland.	d due to a departi ands. 6) SPOTSYLVANIA	0 0 ng cold front. Gus , (VA-Z057) KING 0 0	Extreme Cold/Wind Chill  ty winds and cold  GEORGE  Winter Weather
Highlands.  (VA-Z503) WESTERN HIGHLAND, (VA-Z503) WESTERN HIGHLAND, (VA-Z050) ORANGE, (VA-Z051) CULF	A-Z504) EASTERN HIGHLAND  01/28/14 00:00 EST  region while a pressure gradient existe t -20 and below for the Potomac Highla  PEPER, (VA-Z055) STAFFORD, (VA-Z056  01/28/14 19:00 EST  01/29/14 04:00 EST  coast while a shortwave trough moved ern Maryland.	d due to a departi ands. 6) SPOTSYLVANIA	0 0 ng cold front. Gus , (VA-Z057) KING 0 0 0 ntic from the west.	Extreme Cold/Wind Chill  ty winds and cold  GEORGE  Winter Weather  Accumulating snow

(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z505) WESTERN PENDLETON

WEST VIRGINIA, East

Page 7 of 9 Printed on: 09/17/2014

ocation	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	01/02/14 10:00 EST		0	Winter Weather
	01/03/14 00:00 EST		0	
w pressure tracked across the Mid Ai st-Central Maryland. Low pressure qu	<del>-</del>	w with the highest	amounts from No	rthern Virginia to
VV-Z501) WESTERN GRANT, (WV-Z503		VESTERN PENDLI	ETON, (WV-Z506) E	ASTERN PENDLETON
	01/03/14 04:00 EST		0	Extreme Cold/Wind Chill
	01/03/14 04:00 EST		0	
tight pressure gradient between low prith wind chill values -20 and below.	pressure and high pressure moving	into the region le	d to gusty winds a	long the Allegheny Front
WV-Z050) HAMPSHIRE, (WV-Z051) MOI	RGAN, (WV-Z052) BERKELEY, (WV-	Z055) HARDY, (W	/-Z501) WESTERN	GRANT, (WV-Z503) WESTERN
MINERAL, (WV-Z504) EASTERN MINER			0	Winter Weether
	01/05/14 12:00 EST		0	Winter Weather
	01/06/14 21:00 EST		0	
WV-Z053) JEFFERSON				
	01/05/14 12:00 EST		0	Ice Storm
	01/06/14 00:00 EST		0	
ow pressure tracked up the Appalachiourface. This led to freezing rain and ico		=	led to warm air o	verrunning cold air at the
WV-Z052) BERKELEY				
WV-Z052) BERKELEY	01/05/14 23:19 EST		0	Dense Fog
, in the second	01/06/14 01:30 EST	t that was approac	0	,
Varm and moist air moved over the sno ormed across Northern Maryland and a WV-Z050) HAMPSHIRE, (WV-Z051) MOI	01/06/14 01:30 EST  ow pack ahead of a strong cold from along Interstate 95 into the morning  RGAN, (WV-Z052) BERKELEY, (WV-Z, (WV-Z504) EASTERN MINERAL	hours.	0 Ching from the Ohi V-Z501) WESTERN	o Valley. Dense fog GRANT, (WV-Z502) EASTERN
Varm and moist air moved over the sno ormed across Northern Maryland and a WV-Z050) HAMPSHIRE, (WV-Z051) MOI	01/06/14 01:30 EST  ow pack ahead of a strong cold from along Interstate 95 into the morning  RGAN, (WV-Z052) BERKELEY, (WV-Z, (WV-Z504) EASTERN MINERAL  01/06/14 17:00 EST	hours.	0 Ching from the Ohi V-Z501) WESTERN	o Valley. Dense fog
Varm and moist air moved over the sno ormed across Northern Maryland and a WV-Z050) HAMPSHIRE, (WV-Z051) MOI	01/06/14 01:30 EST  ow pack ahead of a strong cold from along Interstate 95 into the morning  RGAN, (WV-Z052) BERKELEY, (WV-Z, (WV-Z504) EASTERN MINERAL	hours.	0 Ching from the Ohi V-Z501) WESTERN	o Valley. Dense fog GRANT, (WV-Z502) EASTERN
WV-Z052) BERKELEY  Warm and moist air moved over the snoormed across Northern Maryland and a  WV-Z050) HAMPSHIRE, (WV-Z051) MOI  GRANT, (WV-Z503) WESTERN MINERAL  An arctic front moved through the Mid A  values below -20. High pressure settled	01/06/14 01:30 EST  ow pack ahead of a strong cold from along Interstate 95 into the morning  RGAN, (WV-Z052) BERKELEY, (WV-Z, (WV-Z504) EASTERN MINERAL  01/06/14 17:00 EST  01/07/14 04:00 EST	hours. Z055) HARDY, (W region. Gusty win	0  Ching from the Ohi  7-Z501) WESTERN  0 0 0  ds and cold tempe	o Valley. Dense fog  GRANT, (WV-Z502) EASTERN  Extreme Cold/Wind Chill
Varm and moist air moved over the sno ormed across Northern Maryland and a WV-Z050) HAMPSHIRE, (WV-Z051) MOI GRANT, (WV-Z503) WESTERN MINERAL An arctic front moved through the Mid A values below -20. High pressure settled	01/06/14 01:30 EST  ow pack ahead of a strong cold from along Interstate 95 into the morning  RGAN, (WV-Z052) BERKELEY, (WV-L, (WV-Z504) EASTERN MINERAL 01/06/14 17:00 EST 01/07/14 04:00 EST  Atlantic and cold air moved into the across the area and led to cold con	region. Gusty winditions to continu	0 Ching from the Ohi V-Z501) WESTERN 0 0 ds and cold tempere for a few days.  (WV-Z501) WESTE	o Valley. Dense fog  GRANT, (WV-Z502) EASTERN  Extreme Cold/Wind Chill  eratures led to wind chill  RN GRANT, (WV-Z502) EASTERN
Varm and moist air moved over the sno ormed across Northern Maryland and a WV-Z050) HAMPSHIRE, (WV-Z051) MOI SRANT, (WV-Z503) WESTERN MINERAL on arctic front moved through the Mid A values below -20. High pressure settled	01/06/14 01:30 EST  ow pack ahead of a strong cold from along Interstate 95 into the morning  RGAN, (WV-Z052) BERKELEY, (WV-L, (WV-Z504) EASTERN MINERAL 01/06/14 17:00 EST 01/07/14 04:00 EST  Atlantic and cold air moved into the across the area and led to cold con	region. Gusty winditions to continu	0 Ching from the Ohi V-Z501) WESTERN 0 0 ds and cold tempere for a few days.  (WV-Z501) WESTE	o Valley. Dense fog  GRANT, (WV-Z502) EASTERN  Extreme Cold/Wind Chill  eratures led to wind chill  RN GRANT, (WV-Z502) EASTERN
Varm and moist air moved over the sno ormed across Northern Maryland and a WV-Z050) HAMPSHIRE, (WV-Z051) MOI GRANT, (WV-Z503) WESTERN MINERAL An arctic front moved through the Mid A values below -20. High pressure settled	01/06/14 01:30 EST  ow pack ahead of a strong cold from along Interstate 95 into the morning RGAN, (WV-Z052) BERKELEY, (WV-Z, (WV-Z504) EASTERN MINERAL 01/06/14 17:00 EST 01/07/14 04:00 EST  Atlantic and cold air moved into the across the area and led to cold con RKELEY, (WV-Z053) JEFFERSON, (WL, (WV-Z504) EASTERN MINERAL, (V	region. Gusty winditions to continu	0 Ching from the Ohi V-Z501) WESTERN 0 0 ds and cold tempere for a few days.  (WV-Z501) WESTERN PENDLETON, (	o Valley. Dense fog  GRANT, (WV-Z502) EASTERN  Extreme Cold/Wind Chill  eratures led to wind chill  RN GRANT, (WV-Z502) EASTERN  WV-Z506) EASTERN PENDLETON
Varm and moist air moved over the sno ormed across Northern Maryland and a WV-Z050) HAMPSHIRE, (WV-Z051) MOI GRANT, (WV-Z503) WESTERN MINERAL An arctic front moved through the Mid A values below -20. High pressure settled WV-Z050) HAMPSHIRE, (WV-Z052) BER GRANT, (WV-Z503) WESTERN MINERAL	01/06/14 01:30 EST  ow pack ahead of a strong cold from along Interstate 95 into the morning RGAN, (WV-Z052) BERKELEY, (WV-L, (WV-Z504) EASTERN MINERAL 01/06/14 17:00 EST 01/07/14 04:00 EST  Atlantic and cold air moved into the across the area and led to cold con RKELEY, (WV-Z053) JEFFERSON, (WL, (WV-Z504) EASTERN MINERAL, (V01/10/14 04:00 EST 01/10/14 09:00 EST	hours.  Z055) HARDY, (Worted)  region. Gusty winditions to continuous (W-Z055) HARDY, (WV-Z505) WESTER	0 Ching from the Ohi V-Z501) WESTERN 0 0 ds and cold tempere for a few days.  (WV-Z501) WESTERN PENDLETON, ( 0 0	o Valley. Dense fog  GRANT, (WV-Z502) EASTERN  Extreme Cold/Wind Chill  eratures led to wind chill  ERN GRANT, (WV-Z502) EASTERN  WV-Z506) EASTERN PENDLETON  Winter Weather
Warm and moist air moved over the sno ormed across Northern Maryland and a WV-Z050) HAMPSHIRE, (WV-Z051) MOI GRANT, (WV-Z503) WESTERN MINERAL An arctic front moved through the Mid A values below -20. High pressure settled WV-Z050) HAMPSHIRE, (WV-Z052) BER GRANT, (WV-Z503) WESTERN MINERAL A weak disturbance crossed the Mid Attroze on contact.	out pack ahead of a strong cold from along Interstate 95 into the morning RGAN, (WV-Z052) BERKELEY, (WV-Z, (WV-Z504) EASTERN MINERAL 01/06/14 17:00 EST 01/07/14 04:00 EST Atlantic and cold air moved into the across the area and led to cold con RKELEY, (WV-Z053) JEFFERSON, (WL, (WV-Z504) EASTERN MINERAL, (101/10/14 04:00 EST 01/10/14 09:00 EST	hours.  Z055) HARDY, (Worted)  region. Gusty winditions to continuous (W-Z055) HARDY, (WV-Z505) WESTER	0 Ching from the Ohi V-Z501) WESTERN 0 0 ds and cold tempere for a few days.  (WV-Z501) WESTERN PENDLETON, ( 0 0	o Valley. Dense fog  GRANT, (WV-Z502) EASTERN  Extreme Cold/Wind Chill  eratures led to wind chill  ERN GRANT, (WV-Z502) EASTERN  WV-Z506) EASTERN PENDLETON  Winter Weather
Warm and moist air moved over the snoormed across Northern Maryland and a WV-Z050) HAMPSHIRE, (WV-Z051) MOISTANT, (WV-Z503) WESTERN MINERAL an arctic front moved through the Mid A alues below -20. High pressure settled WV-Z050) HAMPSHIRE, (WV-Z052) BERSTANT, (WV-Z503) WESTERN MINERAL a weak disturbance crossed the Mid Attroze on contact.	out pack ahead of a strong cold from along Interstate 95 into the morning RGAN, (WV-Z052) BERKELEY, (WV-Z, (WV-Z504) EASTERN MINERAL 01/06/14 17:00 EST 01/07/14 04:00 EST Atlantic and cold air moved into the across the area and led to cold con RKELEY, (WV-Z053) JEFFERSON, (WL, (WV-Z504) EASTERN MINERAL, (101/10/14 04:00 EST 01/10/14 09:00 EST	hours.  Z055) HARDY, (Worted)  region. Gusty winditions to continuous (W-Z055) HARDY, (WV-Z505) WESTER	0 Ching from the Ohi V-Z501) WESTERN 0 0 ds and cold tempere for a few days.  (WV-Z501) WESTERN PENDLETON, ( 0 0	o Valley. Dense fog  GRANT, (WV-Z502) EASTERN  Extreme Cold/Wind Chill  eratures led to wind chill  ERN GRANT, (WV-Z502) EASTERN  WV-Z506) EASTERN PENDLETON  Winter Weather
Warm and moist air moved over the sno ormed across Northern Maryland and a WV-Z050) HAMPSHIRE, (WV-Z051) MOI GRANT, (WV-Z503) WESTERN MINERAL An arctic front moved through the Mid A values below -20. High pressure settled WV-Z050) HAMPSHIRE, (WV-Z052) BER GRANT, (WV-Z503) WESTERN MINERAL A weak disturbance crossed the Mid Attroze on contact.	out pack ahead of a strong cold from along Interstate 95 into the morning RGAN, (WV-Z052) BERKELEY, (WV-L, (WV-Z504) EASTERN MINERAL 01/06/14 17:00 EST 01/07/14 04:00 EST Atlantic and cold air moved into the across the area and led to cold con RKELEY, (WV-Z053) JEFFERSON, (WL, (WV-Z504) EASTERN MINERAL, (101/10/14 04:00 EST 01/10/14 09:00 EST lantic while a wedge of high pressures.	hours.  Z055) HARDY, (Worted)  region. Gusty winditions to continuous (W-Z055) HARDY, (WV-Z505) WESTER	ching from the Ohi  V-Z501) WESTERN  0 0 ds and cold temperer for a few days.  (WV-Z501) WESTERN PENDLETON, ( 0 0 cce. Precipitation to	o Valley. Dense fog  GRANT, (WV-Z502) EASTERN  Extreme Cold/Wind Chill  eratures led to wind chill  ERN GRANT, (WV-Z502) EASTERN  WV-Z506) EASTERN PENDLETON  Winter Weather  hat fell melted aloft and
Varm and moist air moved over the sno ormed across Northern Maryland and a WV-Z050) HAMPSHIRE, (WV-Z051) MOI GRANT, (WV-Z503) WESTERN MINERAL	on pack ahead of a strong cold from along Interstate 95 into the morning RGAN, (WV-Z052) BERKELEY, (WV-Z, (WV-Z504) EASTERN MINERAL 01/06/14 17:00 EST 01/07/14 04:00 EST Atlantic and cold air moved into the across the area and led to cold con RKELEY, (WV-Z053) JEFFERSON, (W 01/10/14 04:00 EST 01/10/14 09:00 EST 01/10/14 09:00 EST 01/11/14 11:30 EST 01/11/14 11:30 EST 01/11/14 11:30 EST	region. Gusty winditions to continu	ching from the Ohi  V-Z501) WESTERN  0 0 ds and cold tempere for a few days.  (WV-Z501) WESTERN PENDLETON, ( 0 0 ace. Precipitation to	o Valley. Dense fog  GRANT, (WV-Z502) EASTERN  Extreme Cold/Wind Chill  eratures led to wind chill  ERN GRANT, (WV-Z502) EASTERN  WV-Z506) EASTERN PENDLETON  Winter Weather  hat fell melted aloft and  Dense Fog
Narm and moist air moved over the snoormed across Northern Maryland and a WV-Z050) HAMPSHIRE, (WV-Z051) MOI GRANT, (WV-Z503) WESTERN MINERAL An arctic front moved through the Mid Avalues below -20. High pressure settled WV-Z050) HAMPSHIRE, (WV-Z052) BERGRANT, (WV-Z503) WESTERN MINERAL A weak disturbance crossed the Mid Attroze on contact.  WV-Z051) MORGAN, (WV-Z052) BERKE	on one of the across the area and led to cold consider the across the area and led to cold consider the across the area and led to cold consider the across the area and led to cold consider the across the acro	region. Gusty winditions to continu	ching from the Ohi  V-Z501) WESTERN  0 0 ds and cold tempere for a few days.  (WV-Z501) WESTERN PENDLETON, ( 0 0 ace. Precipitation to	o Valley. Dense fog  GRANT, (WV-Z502) EASTERN  Extreme Cold/Wind Chill  eratures led to wind chill  ERN GRANT, (WV-Z502) EASTERN  WV-Z506) EASTERN PENDLETON  Winter Weather  hat fell melted aloft and  Dense Fog
Narm and moist air moved over the snoormed across Northern Maryland and a WV-Z050) HAMPSHIRE, (WV-Z051) MOI GRANT, (WV-Z503) WESTERN MINERAL An arctic front moved through the Mid Avalues below -20. High pressure settled WV-Z050) HAMPSHIRE, (WV-Z052) BEFORANT, (WV-Z503) WESTERN MINERAL A weak disturbance crossed the Mid Attroze on contact.  WV-Z051) MORGAN, (WV-Z052) BERKE WV-Z051) MORGAN, (WV-Z052) BERKE WARM air moved over a cold ground and prisibility improvements for a brief perior	on one of the across the area and led to cold consider the across the area and led to cold consider the across the area and led to cold consider the across the area and led to cold consider the across the acro	region. Gusty winditions to continu	ching from the Ohi  V-Z501) WESTERN  0 0 ds and cold tempere for a few days.  (WV-Z501) WESTERN PENDLETON, ( 0 0 ace. Precipitation to	o Valley. Dense fog  GRANT, (WV-Z502) EASTERN  Extreme Cold/Wind Chill  eratures led to wind chill  ERN GRANT, (WV-Z502) EASTERN  WV-Z506) EASTERN PENDLETON  Winter Weather  hat fell melted aloft and  Dense Fog
Narm and moist air moved over the snoormed across Northern Maryland and a WV-Z050) HAMPSHIRE, (WV-Z051) MOI GRANT, (WV-Z503) WESTERN MINERAL An arctic front moved through the Mid Avalues below -20. High pressure settled WV-Z050) HAMPSHIRE, (WV-Z052) BEFORANT, (WV-Z503) WESTERN MINERAL A weak disturbance crossed the Mid Attroze on contact.  WV-Z051) MORGAN, (WV-Z052) BERKE WV-Z051) MORGAN, (WV-Z052) BERKE WARM air moved over a cold ground and prisibility improvements for a brief perior	on one of the strong cold from along Interstate 95 into the morning the strong cold from along Interstate 95 into the morning the strong cold from along Interstate 95 into the morning the strong cold from along Interstate 95 into the morning the strong cold into the cold cold cold cold cold cold cold cold	region. Gusty winditions to continu	ching from the Ohi  V-Z501) WESTERN  0 0 ds and cold temperer for a few days.  (WV-Z501) WESTERN PENDLETON, ( 0 0 cce. Precipitation to	o Valley. Dense fog  GRANT, (WV-Z502) EASTERN  Extreme Cold/Wind Chill  eratures led to wind chill  ERN GRANT, (WV-Z502) EASTERN  WV-Z506) EASTERN PENDLETON  Winter Weather  hat fell melted aloft and  Dense Fog  entral Foothills and led to

Page 8 of 9 Printed on: 09/17/2014

(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT,

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	503) WESTERN MINERAL, (WV-Z504) E	ASTERN MINERA	L, (WV-Z505) WES	STERN PENDLETON, (WV-Z506)
EASTERN PENDLETON	04/04/44 05 00 507		0	Markon Otomo
	01/21/14 05:00 EST		0	Winter Storm
	01/21/14 19:00 EST		0	
A shortwave trough moved into the industrial should be and a short way and to move into the short way and the short way	region while low pressure developed so o the region.	outh of the Mid Atl	antic. Upper level	dynamics led to
	HARDY, (WV-Z501) WESTERN GRANT, ( STERN PENDLETON, (WV-Z506) EASTE	· ·	RN GRANT, (WV-Z	Z503) WESTERN MINERAL, (WV-Z504)
	01/22/14 01:00 EST		0	Extreme Cold/Wind Chill
	01/22/14 01:00 EST		0	
winds and cold temperatures resulte	region with a strong pressure gradient of in wind chill values below -20.  2502) EASTERN GRANT, (WV-Z503) WE:			
PENDLETON, (WV-Z506) EASTERN F			,	,
	01/23/14 17:00 EST		0	Extreme Cold/Wind Chill
	01/23/14 17:00 EST		0	
(WV-Z501) WESTERN GRANT, (WV-Z	505) WESTERN PENDLETON 01/25/14 09:00 EST		0	Winter Storm
	01/26/14 04:00 EST		0	Willer Gloffi
	01/20/14 04:00 E31		O	
WV-Z503) WESTERN MINERAL				
•	01/25/14 09:00 EST		0	Winter Weather
	01/26/14 04:00 EST		0	
A cold front crossed the western slo	pes of the Allegheny Front. Upslope co	nditions and stee	p lapse rates led t	o heavy snow.
	2503) WESTERN MINERAL, (WV-Z504) E	ASTERN MINERA	L, (WV-Z505) WES	STERN PENDLETON, (WV-Z506)
EASTERN PENDLETON			0	Extreme Cold/Wind Chill
EASTERN PENDLETON	01/28/14 00:00 EST		· ·	
EASTERN PENDLETON	01/28/14 00:00 EST 01/28/14 00:00 EST		0	
• .		•	0	ty winds and cold
High pressure was moving into the r conditions led to wind chill values at	01/28/14 00:00 EST egion while a pressure gradient existed	nds.	0 ng cold front. Gus	
High pressure was moving into the r conditions led to wind chill values at	01/28/14 00:00 EST region while a pressure gradient existed t -20 and below for the Potomac Highlar	nds.	0 ng cold front. Gus	

A pressure gradient between the high pressure approaching from the west and a cold front to the east led to gusty conditions. Northerly flow led to cold conditions and wind chill values of -20 and below were measured in the Potomac Highlands.

Page 9 of 9 Printed on: 09/17/2014