## Storm Data and Unusual Weather Phenomena - December 2014

Location Date/Time Deaths & Property & **Event Type and Details** Injuries Crop Dmg MARYLAND, Central (MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z007) HARFORD, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY 12/02/14 01:00 EST 0 Winter Weather 12/02/14 23:00 EST 0 Cold air damming situation evolved Tuesday as a cold front stalled just to the south of the Mid-Atlantic region and high pressure built in over New England. This synoptic set up resulted in persisting northeasterly flow that kept surface temperatures at or just below freezing while southwesterly flow in the lower levels provided a deep warm layer. This combination of temperatures with the overrunning precipitation resulted in ice accumulations across most of northern and western Maryland. (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY 12/04/14 17:00 EST 0 Winter Weather 12/05/14 12:00 EST 0 A passing upper level disturbance triggered light rain across the Mid-Atlantic. High pressure building south from New England resulted in a wedge of cold air, keeping surface temperatures at or just below freezing mainly at higher elevations, which resulted in areas of light ice accumulation. (MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z006) NORTHERN BALTIMORE, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD, (MD-Z507) NORTHWEST HARFORD 12/08/14 21:00 EST Winter Weather 12/09/14 12:00 EST 0 (MD-Z005) CARROLL 12/08/14 23:00 FST 0 Ice Storm 12/09/14 12:00 FST 0 Cold air damming situation as high pressure retreated to the north of the area and low pressure formed over the Mid-Atlantic region. The northeast flow kept temperatures right around freezing during the evening and overnight hours while the forming low brought plenty of moisture, resulting in on-going precipitation for most of the night and into the morning of the 9th. (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD 12/16/14 02:00 EST 0 Dense Foa 12/16/14 07:30 EST 0 Southwesterly flow as a warm front lifted north through region advected in plenty of moisture that resulted in areas of dense fog across portions of central and eastern Maryland. (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD 12/16/14 19:15 EST 0 Dense Foa 12/17/14 04:15 EST 0 Light winds and a saturated airmass resulted in widespread dense fog across north central and northern portions of Baltimore Metro. (MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z507) NORTHWEST HARFORD 12/22/14 09:00 EST 0 Winter Weather 12/23/14 08:00 EST O Low pressure moving through the Mid-Atlantic brought widespread precipitation that overrode persisting surface cold air, resulting in freezing rain, mainly at elevated locations.

(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z014) ANNE ARUNDEL, (MD-Z018) CALVERT, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z508)

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# Storm Data and Unusual Weather Phenomena - December 2014

cocation	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
SOUTHEAST HARFORD	,			
	12/23/14 04:45 EST		0	Dense Fog
	12/24/14 12:25 EST		0	
igh pressure over the region resulted ght winds resulted in an extended per	_	e advection from a	coastal low press	sure combining with the
MD-Z501) EXTREME WESTERN ALLEG				
	12/23/14 05:20 EST		0	Dense Fog
	12/23/14 08:45 EST		0	
ligh pressure over the region resulted ght winds resulted in an extended per	<del>-</del>	e advection from a	coastal low press	sure combining with the
MD-Z004) FREDERICK, (MD-Z005) CAF MD-Z018) CALVERT, (MD-Z502) CENTI				TIMORE, (MD-Z014) ANNE ARUNDEL, Y, (MD-Z505) NORTHWEST HOWARD,
MD-Z507) NORTHWEST HARFORD, (N	· · · · · · · · · · · · · · · · · · ·		0	Dance Fog
	12/24/14 15:30 EST 12/24/14 22:15 EST		0	Dense Fog
	12/24/14 22:15 EST		U	
/IRGINIA North				
VA-Z025) AUGUSTA, (VA-Z026) ROCKI	NGHAM, (VA-Z027) SHENANDOAH, (	VA-Z028) FREDEF	RICK, (VA-Z029) PA	AGE, (VA-Z030) WARREN, (VA-Z031)
VA-Z025) AUGUSTA, (VA-Z026) ROCKI CLARKE, (VA-Z036) NELSON, (VA-Z037	7) ALBEMARLE, (VA-Z038) GREENE,	·		
VA-Z025) AUGUSTA, (VA-Z026) ROCKI CLARKE, (VA-Z036) NELSON, (VA-Z037	7) ALBEMARLE, (VA-Z038) GREENE,	·		
VA-Z025) AUGUSTA, (VA-Z026) ROCKI	7) ALBEMARLE, (VA-Z038) GREENE, LAND	·	ON, (VA-Z052) PRII	NCE WILLIAM, (VA-Z503) WESTERN
VA-Z025) AUGUSTA, (VA-Z026) ROCKI CLARKE, (VA-Z036) NELSON, (VA-Z037	7) ALBEMARLE, (VA-Z038) GREENE, LAND  12/02/14 01:00 EST 12/02/14 23:00 EST  esday as a cold front stalled just to to presulted in persisting northeasterly e lower levels provided a deep warm	(VA-Z039) MADIS( the south of the M y flow that kept su layer. This combi	ON, (VA-Z052) PRII  0  0  id-Atlantic region rface temperature nation of tempera	NCE WILLIAM, (VA-Z503) WESTERN  Winter Weather  and high pressure built in es at or just below
VA-Z025) AUGUSTA, (VA-Z026) ROCKI CLARKE, (VA-Z036) NELSON, (VA-Z037 HIGHLAND, (VA-Z504) EASTERN HIGH Cold air damming situation evolved Tu over New England. This synoptic set u reezing while southwesterly flow in the overrunning precipitation resulted in ic	A) ALBEMARLE, (VA-Z038) GREENE, LAND  12/02/14 01:00 EST 12/02/14 23:00 EST  esday as a cold front stalled just to top resulted in persisting northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided and the accumulations across most of northeasterly elower levels provided and the accumulations across most of northeasterly elower levels provided and the accumulations across most of northeasterly elower levels provided and the accumulations across most of northeasterly elower levels provided and the accumulations across most of northeasterly elower levels provided and the accumulations across most of northeasterly elower levels elower levels provided and the accumulations across most of northeasterly elower levels elower levels elower levels elower elower levels elower	the south of the M y flow that kept su layer. This combit thern and western	ON, (VA-Z052) PRII  0 0 id-Atlantic region rface temperature nation of tempera	NCE WILLIAM, (VA-Z503) WESTERN  Winter Weather  and high pressure built in es at or just below
VA-Z025) AUGUSTA, (VA-Z026) ROCKI CLARKE, (VA-Z036) NELSON, (VA-Z037 HIGHLAND, (VA-Z504) EASTERN HIGH Cold air damming situation evolved Tu over New England. This synoptic set u reezing while southwesterly flow in the overrunning precipitation resulted in ic	A) ALBEMARLE, (VA-Z038) GREENE, LAND  12/02/14 01:00 EST 12/02/14 23:00 EST  esday as a cold front stalled just to top resulted in persisting northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided and the accumulations across most of northeasterly elower levels provided and the accumulations across most of northeasterly elower levels provided and the accumulations across most of northeasterly elower levels provided and the accumulations across most of northeasterly elower levels provided and the accumulations across most of northeasterly elower levels provided and the accumulations across most of northeasterly elower levels elower levels provided and the accumulations across most of northeasterly elower levels elower levels elower levels elower elower levels elower	the south of the M y flow that kept su layer. This combit thern and western	ON, (VA-Z052) PRII  0 0 id-Atlantic region rface temperature nation of tempera	NCE WILLIAM, (VA-Z503) WESTERN  Winter Weather  and high pressure built in es at or just below litures with the
VA-Z025) AUGUSTA, (VA-Z026) ROCKI CLARKE, (VA-Z036) NELSON, (VA-Z037 HIGHLAND, (VA-Z504) EASTERN HIGH Cold air damming situation evolved Tu over New England. This synoptic set u reezing while southwesterly flow in the overrunning precipitation resulted in ic	7) ALBEMARLE, (VA-Z038) GREENE, LAND  12/02/14 01:00 EST 12/02/14 23:00 EST  esday as a cold front stalled just to to presulted in persisting northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided a deep warm the accumulations across most of northeasterly elower levels provided and the accumulations across most of the accumulations acro	the south of the M y flow that kept su layer. This combit thern and western	ON, (VA-Z052) PRII  0 0 id-Atlantic region rface temperature nation of tempera n Virginia.	NCE WILLIAM, (VA-Z503) WESTERN  Winter Weather  and high pressure built in es at or just below litures with the  GE, (VA-Z508) CENTRAL VIRGINIA BLUE
VA-Z025) AUGUSTA, (VA-Z026) ROCKI CLARKE, (VA-Z036) NELSON, (VA-Z037 HIGHLAND, (VA-Z504) EASTERN HIGH Cold air damming situation evolved Tu over New England. This synoptic set u reezing while southwesterly flow in the overrunning precipitation resulted in ic	7) ALBEMARLE, (VA-Z038) GREENE, LAND  12/02/14 01:00 EST 12/02/14 23:00 EST  esday as a cold front stalled just to top resulted in persisting northeasterly elower levels provided a deep warm concentration across most of northeasterly elower levels provided a deep warm concentration across most of northeasterly elower levels provided a deep warm concentration across most of northeasterly elower levels provided a deep warm concentration across most of northeasterly elower levels provided a deep warm concentration across most of northeasterly elower levels provided a deep warm concentration across most of northeasterly elower levels provided a deep warm concentration across most of northeasterly elower levels provided a deep warm concentration across most of northeasterly elower levels provided a deep warm concentration across most of northeasterly elower levels provided a deep warm concentration across most of northeasterly elower levels provided a deep warm concentration across most of northeasterly elower levels provided a deep warm concentration across most of northeasterly elower levels provided a deep warm concentration across most of northeasterly elower levels provided a deep warm concentration across most of northeasterly elower levels provided a deep warm concentration across most of northeasterly elower levels provided a deep warm concentration across most of northeasterly elower levels provided a deep warm concentration across most of northeasterly elower levels provided a deep warm concentration across most of northeasterly elower levels provided a deep warm concentration across most of northeasterly elower levels provided a deep warm concentration across most of northeasterly elower levels provided a deep warm concentration across most of northeasterly elower levels provided a deep warm concentration across most of northeasterly elower levels provided a deep warm concentration across most of northeasterly elower levels provided a deep warm concentration across most of northeasterly elower levels prov	the south of the My flow that kept su layer. This combitern and western NORTHERN VIR	ON, (VA-Z052) PRII  0 0 id-Atlantic region rface temperature nation of tempera n Virginia.  CGINIA BLUE RIDG  0 0 0 building south fro	Winter Weather  and high pressure built in es at or just below stures with the  SE, (VA-Z508) CENTRAL VIRGINIA BLUE  Winter Weather
VA-Z025) AUGUSTA, (VA-Z026) ROCKI CLARKE, (VA-Z036) NELSON, (VA-Z037 HIGHLAND, (VA-Z504) EASTERN HIGH Cold air damming situation evolved Tu over New England. This synoptic set u reezing while southwesterly flow in th overrunning precipitation resulted in ic VA-Z503) WESTERN HIGHLAND, (VA-Z RIDGE A passing upper level disturbance trigg n a wedge of cold air, keeping surface	7) ALBEMARLE, (VA-Z038) GREENE, LAND  12/02/14 01:00 EST 12/02/14 23:00 EST  esday as a cold front stalled just to top resulted in persisting northeasterly elower levels provided a deep warm ce accumulations across most of nor 12/04/14 17:00 EST 12/04/14 17:00 EST 12/05/14 12:00 EST  gered light rain across the Mid-Atlant temperatures at or just below freezing MADISON, (VA-Z040) RAPPAHANN QUIER, (VA-Z503) WESTERN HIGHL 507) NORTHERN VIRGINIA BLUE RID 12/08/14 19:00 EST	the south of the My flow that kept su layer. This combiter and western 7) NORTHERN VIF	ON, (VA-Z052) PRII  0 0 0 id-Atlantic region rface temperature nation of tempera n Virginia.  CGINIA BLUE RIDG  0 0 building south from er elevations, whice RICK, (VA-Z029) PA ULPEPER, (VA-Z0 ASTERN HIGHLAN NTRAL VIRGINIA	Winter Weather  and high pressure built in es at or just below stures with the  GE, (VA-Z508) CENTRAL VIRGINIA BLUE Winter Weather  om New England resulted ch resulted in areas of  AGE, (VA-Z030) WARREN, (VA-Z031) 153) FAIRFAX, (VA-Z501) NORTHERN ND, (VA-Z505) WESTERN LOUDOUN,
VA-Z025) AUGUSTA, (VA-Z026) ROCKI CLARKE, (VA-Z036) NELSON, (VA-Z037) HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z505) WESTERN HIGHLAND, (VA-Z605) WESTERN HIGHLAND, (VA-Z605) A passing upper level disturbance triggen a wedge of cold air, keeping surface ight ice accumulation.  VA-Z025) AUGUSTA, (VA-Z026) ROCKI CLARKE, (VA-Z038) GREENE, (VA-Z038-Z4UQUIER, (VA-Z032) SOUTHERN FAU	7) ALBEMARLE, (VA-Z038) GREENE, LAND  12/02/14 01:00 EST 12/02/14 23:00 EST  esday as a cold front stalled just to top resulted in persisting northeasterly elower levels provided a deep warm ce accumulations across most of nor 12/04/14 17:00 EST 12/04/14 17:00 EST 12/05/14 12:00 EST  gered light rain across the Mid-Atlant temperatures at or just below freezing MADISON, (VA-Z040) RAPPAHANN IQUIER, (VA-Z503) WESTERN HIGHL 507) NORTHERN VIRGINIA BLUE RIC	the south of the My flow that kept su layer. This combiter and western 7) NORTHERN VIF	ON, (VA-Z052) PRII  0 0 id-Atlantic region rface temperature nation of tempera n Virginia.  CGINIA BLUE RIDG  0 0 building south from er elevations, whice RICK, (VA-Z029) PA ULPEPER, (VA-Z0 ASTERN HIGHLAN NTRAL VIRGINIA	Winter Weather  and high pressure built in es at or just below stures with the  GE, (VA-Z508) CENTRAL VIRGINIA BLUE  Winter Weather  om New England resulted ch resulted in areas of  AGE, (VA-Z030) WARREN, (VA-Z031) 153) FAIRFAX, (VA-Z501) NORTHERN ND, (VA-Z505) WESTERN LOUDOUN, BLUE RIDGE
VA-Z025) AUGUSTA, (VA-Z026) ROCKI CLARKE, (VA-Z036) NELSON, (VA-Z037) HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z505) WESTERN HIGHLAND, (VA-Z605) WESTERN HIGHLAND, (VA-Z605) A passing upper level disturbance triggen a wedge of cold air, keeping surface ight ice accumulation.  VA-Z025) AUGUSTA, (VA-Z026) ROCKI CLARKE, (VA-Z038) GREENE, (VA-Z038-Z4UQUIER, (VA-Z032) SOUTHERN FAU	7) ALBEMARLE, (VA-Z038) GREENE, LAND  12/02/14 01:00 EST 12/02/14 23:00 EST  esday as a cold front stalled just to top resulted in persisting northeasterly elower levels provided a deep warm ce accumulations across most of nor 12/04/14 17:00 EST 12/04/14 17:00 EST 12/05/14 12:00 EST  gered light rain across the Mid-Atlant temperatures at or just below freezing MADISON, (VA-Z040) RAPPAHANN QUIER, (VA-Z503) WESTERN HIGHL 507) NORTHERN VIRGINIA BLUE RID 12/08/14 19:00 EST	the south of the My flow that kept su layer. This combiter and western 7) NORTHERN VIF	ON, (VA-Z052) PRII  0 0 0 id-Atlantic region rface temperature nation of tempera n Virginia.  CGINIA BLUE RIDG  0 0 building south from er elevations, whice RICK, (VA-Z029) PA ULPEPER, (VA-Z0 ASTERN HIGHLAN NTRAL VIRGINIA	Winter Weather  and high pressure built in es at or just below stures with the  GE, (VA-Z508) CENTRAL VIRGINIA BLUE  Winter Weather  om New England resulted ch resulted in areas of  AGE, (VA-Z030) WARREN, (VA-Z031) 153) FAIRFAX, (VA-Z501) NORTHERN ND, (VA-Z505) WESTERN LOUDOUN, BLUE RIDGE
VA-Z025) AUGUSTA, (VA-Z026) ROCKI CLARKE, (VA-Z036) NELSON, (VA-Z037) HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z604) EASTERN HIGHLAND, (VA-Z604) EASTERN HIGHLAND, (VA-Z605) WESTERN HIGHLAND, (VA-Z605) WESTERN HIGHLAND, (VA-Z606) EASTERN (VA-Z026) ROCKI CLARKE, (VA-Z038) GREENE, (VA-Z038-Z604) EASTERN LOUDOUN, (VA-Z605) EASTERN LOUDOUN, (VA-Z605) EASTERN LOUDOUN, (VA-Z605)	7) ALBEMARLE, (VA-Z038) GREENE, LAND  12/02/14 01:00 EST 12/02/14 23:00 EST  esday as a cold front stalled just to top resulted in persisting northeasterly elower levels provided a deep warm ce accumulations across most of nor 12/04/14 17:00 EST 12/04/14 17:00 EST 12/05/14 12:00 EST  gered light rain across the Mid-Atlant temperatures at or just below freezing MADISON, (VA-Z040) RAPPAHANN QUIER, (VA-Z503) WESTERN HIGHL 507) NORTHERN VIRGINIA BLUE RID 12/08/14 19:00 EST	the south of the My flow that kept su layer. This combiter and western 7) NORTHERN VIF	ON, (VA-Z052) PRII  0 0 0 id-Atlantic region rface temperature nation of tempera n Virginia.  CGINIA BLUE RIDG  0 0 building south from er elevations, whice RICK, (VA-Z029) PA ULPEPER, (VA-Z0 ASTERN HIGHLAN NTRAL VIRGINIA	Winter Weather  and high pressure built in es at or just below stures with the  GE, (VA-Z508) CENTRAL VIRGINIA BLUE  Winter Weather  om New England resulted ch resulted in areas of  AGE, (VA-Z030) WARREN, (VA-Z031) 153) FAIRFAX, (VA-Z501) NORTHERN ND, (VA-Z505) WESTERN LOUDOUN, BLUE RIDGE

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plenty of moisture, resulting in on-going precipitation for most of the night and into the morning of the 9th.

(VA-Z508) CENTRAL VIRGINIA BLUE RIDGE

Stori	m Data and Unusua	al Weather F	Phenomena -	- December 2014
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	12/14/14 10:15 EST		0	High Wind (MAX 50 kt)
	12/14/14 10:15 EST		0	
Deep layer mixing due to warming temperature mix to the surface, with high wind gusts noted	. •	• .	ressure built in allo	owed for gusty winds to
(VA-Z028) FREDERICK, (VA-Z031) CLARKE, (VA-VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVAN LOUDOUN, (VA-Z566) EASTERN LOUDOUN		-		
, (,,	12/16/14 22:10 EST		0	Dense Fog
	12/17/14 09:05 EST		0	
Light winds and a saturated airmass resulted in Valley.	n widespread dense fog acro	oss northern Virgi	nia, the Piedmont,	and the Shenandoah
(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM CLARKE, (VA-Z036) NELSON, (VA-Z037) ALBEI (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILL HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (V RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE R	WARLE, (VA-Z038) GREENE, IAM, (VA-Z501) NORTHERN VA-Z505) WESTERN LOUDO	, (VA-Z039) MADIS FAUQUIER, (VA-Z	ON, (VA-Z040) RAF 502) SOUTHERN F	PPAHANNOCK, (VA-Z050) ORANGE, FAUQUIER, (VA-Z503) WESTERN
RIDGE, (VA-2508) CENTRAL VIRGINIA BLUE R	12/22/14 08:00 EST		0	Winter Weather
	12/23/14 07:00 EST		0	
Low pressure moving through the Mid-Atlantic freezing rain, mainly at elevated locations.  (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EA				
(,,,, (,	12/22/14 09:35 EST		0	Dense Fog
	12/23/14 04:15 EST		0	
High pressure over the region resulted in light light winds resulted in an extended period of d		re advection from a	a coastal low pres	sure combining with the
(VA-Z053) FAIRFAX, (VA-Z501) NORTHERN FAU LOUDOUN, (VA-Z506) EASTERN LOUDOUN	JQUIER, (VA-Z503) WESTER	N HIGHLAND, (VA	-Z504) EASTERN H	HIGHLAND, (VA-Z505) WESTERN
	12/23/14 01:00 EST		0	Dense Fog
	12/24/14 09:35 EST		0	
High pressure over the region resulted in light light winds resulted in an extended period of d		re advection from a	a coastal low pres	sure combining with the
(VA-Z053) FAIRFAX, (VA-Z501) NORTHERN FAU LOUDOUN, (VA-Z506) EASTERN LOUDOUN		N HIGHLAND, (VA		
	12/24/14 14:35 EST		0	Dense Fog
	12/24/14 22:26 EST		0	
Southerly flow ahead of an approaching cold for combining with light winds resulted in widespr		ne warmer, moist a	ir flowing over col	ld surface temperatures
WEST VIRGINIA, East				

(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** 

> 12/02/14 01:00 EST 0 Winter Weather

12/02/14 23:00 EST 0

Cold air damming situation evolved Tuesday as a cold front stalled just to the south of the Mid-Atlantic region and high pressure built in over New England. This synoptic set up resulted in persisting northeasterly flow that kept surface temperatures at or just below freezing while southwesterly flow in the lower levels provided a deep warm layer. This combination of temperatures with the overrunning precipitation resulted in ice accumulations across most of eastern West Virginia.

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# Storm Data and Unusual Weather Phenomena - December 2014

ocation	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	ARDY, (WV-Z501) WESTERN GRANT, (	=	RN GRANT, (WV-	Z503) WESTERN MINERAL, (WV-Z504)
EASTERN MINERAL, (WV-Z505) WES	TERN PENDLETON, (WV-Z506) EASTEI 12/04/14 17:00 EST	RN PENDLETON	0	Winter Weather
	12/05/14 12:00 EST		0	Winter Wedner
	1203/11/200		· ·	
	ggered light rain across the Mid-Atlanti e temperatures at or just below freezin		=	_
, , , , ,	ORGAN, (WV-Z052) BERKELEY, (WV-Z 03) WESTERN MINERAL, (WV-Z504) E	•		
LAGIERRI I ENDEETOR	12/08/14 19:00 EST		0	Winter Weather
	12/09/14 12:00 EST		0	
WV-Z052) BERKELEY, (WV-Z053) JEF			0	Dense Fog
	12/16/14 21:53 EST		0	Dense Fog
	12/17/14 01:15 EST		0	
Light winds and a saturated airmass i		MINERAL (MA)		ENDLETON (MAY 7500) EAGTEDN
	resulted in widespread dense fog.  TERN MINERAL, (WV-Z504) EASTERN  12/22/14 09:35 EST	MINERAL, (WV-Z		ENDLETON, (WV-Z506) EASTERN  Dense Fog
WV-Z051) MORGAN, (WV-Z503) WES	TERN MINERAL, (WV-Z504) EASTERN	MINERAL, (WV-Z	505) WESTERN PI	
WV-Z051) MORGAN, (WV-Z503) WES PENDLETON	TERN MINERAL, (WV-Z504) EASTERN  12/22/14 09:35 EST  12/23/14 08:30 EST  d in light and variable winds. Moisture		<b>505) WESTERN P</b>	Dense Fog
WV-Z051) MORGAN, (WV-Z503) WESPENDLETON  High pressure over the region resulte ight winds resulted in an extended power than the second of the	TERN MINERAL, (WV-Z504) EASTERN  12/22/14 09:35 EST  12/23/14 08:30 EST  d in light and variable winds. Moisture	advection from a	505) WESTERN Pi 0 0 coastal low press	Dense Fog sure combining with the DY, (WV-Z501) WESTERN GRANT,
WV-Z051) MORGAN, (WV-Z503) WES PENDLETON High pressure over the region resulte ight winds resulted in an extended po WV-Z050) HAMPSHIRE, (WV-Z051) M WV-Z502) EASTERN GRANT, (WV-Z5	TERN MINERAL, (WV-Z504) EASTERN  12/22/14 09:35 EST  12/23/14 08:30 EST  d in light and variable winds. Moisture eriod of dense fog.  ORGAN, (WV-Z052) BERKELEY, (WV-Z	advection from a	505) WESTERN Pi 0 0 coastal low press	Dense Fog sure combining with the DY, (WV-Z501) WESTERN GRANT,
WV-Z051) MORGAN, (WV-Z503) WES PENDLETON High pressure over the region resulte ight winds resulted in an extended po WV-Z050) HAMPSHIRE, (WV-Z051) M WV-Z502) EASTERN GRANT, (WV-Z5	TERN MINERAL, (WV-Z504) EASTERN  12/22/14 09:35 EST  12/23/14 08:30 EST  d in light and variable winds. Moisture eriod of dense fog.  ORGAN, (WV-Z052) BERKELEY, (WV-Z03) WESTERN MINERAL, (WV-Z504) EA	advection from a	0 0 0 coastal low press I, (WV-Z055) HARI L, (WV-Z505) WES	Dense Fog  sure combining with the  DY, (WV-Z501) WESTERN GRANT,  STERN PENDLETON, (WV-Z506)
WV-Z051) MORGAN, (WV-Z503) WES PENDLETON digh pressure over the region resulted ight winds resulted in an extended po WV-Z050) HAMPSHIRE, (WV-Z051) M WV-Z502) EASTERN GRANT, (WV-Z5 EASTERN PENDLETON	TERN MINERAL, (WV-Z504) EASTERN  12/22/14 09:35 EST 12/23/14 08:30 EST  d in light and variable winds. Moisture eriod of dense fog.  ORGAN, (WV-Z052) BERKELEY, (WV-Z03) WESTERN MINERAL, (WV-Z504) EA  12/22/14 13:00 EST 12/23/14 00:00 EST	advection from a (053) JEFFERSON ASTERN MINERA	0 0 0 coastal low press I, (WV-Z055) HARI L, (WV-Z505) WES 0 0	Dense Fog  sure combining with the  DY, (WV-Z501) WESTERN GRANT,  STERN PENDLETON, (WV-Z506)  Winter Weather
WV-Z051) MORGAN, (WV-Z503) WES PENDLETON  High pressure over the region resulte ight winds resulted in an extended position with the properties of the prope	TERN MINERAL, (WV-Z504) EASTERN  12/22/14 09:35 EST 12/23/14 08:30 EST  d in light and variable winds. Moisture eriod of dense fog.  ORGAN, (WV-Z052) BERKELEY, (WV-Z03) WESTERN MINERAL, (WV-Z504) EA  12/22/14 13:00 EST 12/23/14 00:00 EST	advection from a  053) JEFFERSON  ASTERN MINERA  ation that overror	0 0 0 coastal low press I, (WV-Z055) HARI L, (WV-Z505) WES 0 0	Dense Fog  sure combining with the  DY, (WV-Z501) WESTERN GRANT, BTERN PENDLETON, (WV-Z506)  Winter Weather  ace cold air, resulting in
WV-Z051) MORGAN, (WV-Z503) WES PENDLETON  High pressure over the region resulte ight winds resulted in an extended position with the properties of the prope	TERN MINERAL, (WV-Z504) EASTERN  12/22/14 09:35 EST  12/23/14 08:30 EST  d in light and variable winds. Moisture eriod of dense fog.  ORGAN, (WV-Z052) BERKELEY, (WV-Z 03) WESTERN MINERAL, (WV-Z504) E/  12/22/14 13:00 EST  12/23/14 00:00 EST  d-Atlantic brought widespread precipitations.	advection from a  053) JEFFERSON  ASTERN MINERA  ation that overror	0 0 0 coastal low press I, (WV-Z055) HARI L, (WV-Z505) WES 0 0	Dense Fog  sure combining with the  DY, (WV-Z501) WESTERN GRANT,  STERN PENDLETON, (WV-Z506)  Winter Weather
WV-Z051) MORGAN, (WV-Z503) WES PENDLETON  High pressure over the region resulte ight winds resulted in an extended position with the properties of the prope	TERN MINERAL, (WV-Z504) EASTERN  12/22/14 09:35 EST  12/23/14 08:30 EST  d in light and variable winds. Moisture eriod of dense fog.  ORGAN, (WV-Z052) BERKELEY, (WV-Z03) WESTERN MINERAL, (WV-Z504) E/L12/22/14 13:00 EST  12/23/14 00:00 EST  d-Atlantic brought widespread precipitations.	advection from a  053) JEFFERSON  ASTERN MINERA  ation that overror	0 0 0 coastal low press I, (WV-Z055) HARI L, (WV-Z505) WES 0 0	Dense Fog  sure combining with the  DY, (WV-Z501) WESTERN GRANT, BTERN PENDLETON, (WV-Z506)  Winter Weather  ace cold air, resulting in
WV-Z051) MORGAN, (WV-Z503) WES PENDLETON  High pressure over the region resulte ight winds resulted in an extended po WV-Z050) HAMPSHIRE, (WV-Z051) M WV-Z502) EASTERN GRANT, (WV-Z5 EASTERN PENDLETON  Low pressure moving through the Micreezing rain, mainly at elevated locat WV-Z504) EASTERN MINERAL, (WV-Z	TERN MINERAL, (WV-Z504) EASTERN  12/22/14 09:35 EST 12/23/14 08:30 EST  d in light and variable winds. Moisture eriod of dense fog.  ORGAN, (WV-Z052) BERKELEY, (WV-Z03) WESTERN MINERAL, (WV-Z504) E/L2/21/4 13:00 EST 12/23/14 00:00 EST  d-Atlantic brought widespread precipitions.  Z505) WESTERN PENDLETON, (WV-Z504) E/L2/23/14 19:25 EST 12/24/14 12:25 EST	advection from a  053) JEFFERSON ASTERN MINERA  ation that overroo	0 0 0 coastal low press I, (WV-Z055) HARI L, (WV-Z505) WES 0 0 de persisting surfa	Dense Fog  sure combining with the  DY, (WV-Z501) WESTERN GRANT, STERN PENDLETON, (WV-Z506)  Winter Weather  ace cold air, resulting in  Dense Fog
WV-Z051) MORGAN, (WV-Z503) WESPENDLETON  High pressure over the region resultedight winds resulted in an extended power wv-Z050) HAMPSHIRE, (WV-Z051) MWV-Z502) EASTERN GRANT, (WV-Z5EASTERN PENDLETON  Low pressure moving through the Micreezing rain, mainly at elevated located wv-Z504) EASTERN MINERAL, (WV-Z619) EASTER	TERN MINERAL, (WV-Z504) EASTERN  12/22/14 09:35 EST 12/23/14 08:30 EST  d in light and variable winds. Moisture eriod of dense fog.  ORGAN, (WV-Z052) BERKELEY, (WV-Z03) WESTERN MINERAL, (WV-Z504) E/L2/21/4 13:00 EST 12/23/14 00:00 EST  d-Atlantic brought widespread precipitions.  Z505) WESTERN PENDLETON, (WV-Z504) E/L2/23/14 19:25 EST 12/24/14 12:25 EST	advection from a  053) JEFFERSON ASTERN MINERA  ation that overror  06) EASTERN PER	0 0 1 coastal low press I, (WV-Z055) HARI L, (WV-Z505) WES 0 0 0 de persisting surfa	Dense Fog  sure combining with the  DY, (WV-Z501) WESTERN GRANT, STERN PENDLETON, (WV-Z506)  Winter Weather  ace cold air, resulting in  Dense Fog
WV-Z051) MORGAN, (WV-Z503) WESPENDLETON  High pressure over the region resultedight winds resulted in an extended power wv-Z050) HAMPSHIRE, (WV-Z051) MWV-Z502) EASTERN GRANT, (WV-Z5EASTERN PENDLETON  Low pressure moving through the Micreezing rain, mainly at elevated located wv-Z504) EASTERN MINERAL, (WV-Z619) EASTER	TERN MINERAL, (WV-Z504) EASTERN  12/22/14 09:35 EST  12/23/14 08:30 EST  d in light and variable winds. Moisture eriod of dense fog.  ORGAN, (WV-Z052) BERKELEY, (WV-Z03) WESTERN MINERAL, (WV-Z504) E/  12/22/14 13:00 EST  12/23/14 00:00 EST  d-Atlantic brought widespread precipitations.  Z505) WESTERN PENDLETON, (WV-Z504) E/  12/23/14 19:25 EST  12/24/14 12:25 EST  d in light and variable winds. Moisture eriod of dense fog.	advection from a  053) JEFFERSON ASTERN MINERA  ation that overror  06) EASTERN PER	0 0 1 coastal low press I, (WV-Z055) HARI L, (WV-Z505) WES 0 0 0 de persisting surfa	Dense Fog  sure combining with the  DY, (WV-Z501) WESTERN GRANT, STERN PENDLETON, (WV-Z506)  Winter Weather  ace cold air, resulting in  Dense Fog

Southerly flow ahead of an approaching cold front ushered in moist air. The warmer, moist air flowing over cold surface temperatures

combining with light winds resulted in widespread dense fog.

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