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

ATLANTIC NORTH

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 2.1 NNW WASHINGTON NATIONALS PARK [38.90, -77.02]

10/07/13 10:44 EST 0 Marine Thunderstorm Wind (EG 34 kt)

10/07/13 10:44 EST 0 Source: Mesonet

Wind gusts of 32 knots were measured at Pepco Washington DC.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.9 NE (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03]

10/07/13 10:46 EST 0 Marine Thunderstorm Wind (MG 36 kt)

10/07/13 10:46 EST 0 Source: ASOS

Wind gusts of 36 knots were measured at Washington National.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.3 NNE WASHINGTON NATIONALS PARK [38.87, -77.01]

10/07/13 10:49 EST 0 Marine Thunderstorm Wind (MG 34 kt)

10/07/13 10:49 EST 0 Source: Mesonet

Wind gusts of 34 knots were measured at Nationals Park.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 1.1 SE LYLES-CROUCH ACADEMY ALEXANDRIA [38.79, -77.04]

10/07/13 11:00 EST 0 Marine Thunderstorm Wind (MG 35 kt)

10/07/13 11:00 EST 0 Source: Buoy

Wind gusts of 35 knots were measured at Upper Potomac Buoy.

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 3.1 NE MARTIN STATE AIRPORT [39.36, -76.37]

10/07/13 11:30 EST 0 Marine Thunderstorm Wind (MG 36 kt)

10/07/13 11:35 EST 0 Source: Mesonet

Wind gusts of 36 knots were measured at Gunpowder.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.3 ENE BABAR POINT [38.31, -77.03]

10/07/13 11:30 EST 0 Marine Thunderstorm Wind (EG 34 kt)

10/07/13 11:30 EST 0 Source: Mesonet

Wind gusts of 31 knots were measured at Baber Point.

CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- 4.8 NNE GUNPOWDER FALLS STATE PARK [39.42, -76.29]

10/07/13 11:39 EST 0 Marine Thunderstorm Wind (MG 36 kt)

10/07/13 11:39 EST 0 Source: Mesonet

Wind gusts of 36 knots were measured at Deerfield Elementary School.

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 0.2 NNW PATAPSCO BUOY [39.15, -76.39]

10/07/13 11:40 EST 0 Marine Thunderstorm Wind (MG 36 kt)

10/07/13 11:40 EST 0 Source: Buoy

Wind gusts of 33 knots were measured at Patapsco Buoy.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.2 SE GREENBERRY POINT [38.97, -76.46]

10/07/13 11:43 EST 0 Marine Thunderstorm Wind (MG 34 kt)

10/07/13 11:48 EST 0 Source: Mesonet

Wind gusts of 34 knots were measured at Greenbury Point.

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.1 ENE BISHOPS HEAD [38.22, -76.04]

10/07/13 11:44 EST 0 Marine Thunderstorm Wind (EG 34 kt)

10/07/13 12:29 EST 0 Source: Mesonet

Wind gusts of 33 knots were measured at Bishop Head.

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TIDAL POTOMAC INDIAN HD TO COBB IS	S MD COUNTY 0.3 N CUCKOLD	CREEK [38.31, -76	5.93]	
	10/07/13 11:44 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	10/07/13 11:44 EST		0	Source: Mesonet
Vind gusts of 33 knots were measured at C	Cuckold Creek.			
HESAPEAKE BAY POOLES IS TO SAND		IDY POINT [39.01,	-	
	10/07/13 11:47 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	10/07/13 11:47 EST		0	Source: Mesonet
Vind gusts of 32 knots were measured at S	Sandy Point.			
CHESAPEAKE BAY POOLES IS TO SAND		TIMORE APPROA	ACHES BUOY [39.2	•
	10/07/13 11:48 EST		0	Marine Thunderstorm Wind (MG 45 kt)
	10/07/13 11:48 EST		0	Source: Mesonet
Vind gusts of 45 knots were measured at T	olchester.			
ANGIER SOUND AND THE INLAND WAT	ERS SURROUNDING BLOODSWO	RTH ISLAND COL	JNTY 0.1 E BISH	HOPS HEAD [38.22, -76.04]
	10/07/13 11:48 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	10/07/13 12:18 EST		0	Source: Mesonet
Vind gusts of 33 knots were measured at E	Bishops Head.			
HESAPEAKE BAY SANDY PT TO N BEA	.CH MD COUNTY 0.9 SE GREEN	BERRY POINT [38	3.96, -76.45]	
	10/07/13 11:50 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	10/07/13 11:50 EST		0	Source: Buoy
Nind gusts of 35 knots were measured at A	Annapolis Buoy.	NNA [39.54, -76.0 [°]		Source: Buoy
	Annapolis Buoy.	NNA [39.54, -76.0		Source: Buoy Marine Thunderstorm Wind (EG 34 kt)
	Annapolis Buoy. COUNTY 0.3 WNW SUSQUEHA	NNA [39.54, -76.0 [°]	7]	,
CHESAPEAKE BAY N OF POOLES IS MD	COUNTY 0.3 WNW SUSQUEHA 10/07/13 12:00 EST 10/07/13 12:00 EST	NNA [39.54, -76.0 ⁻	7] 0	Marine Thunderstorm Wind (EG 34 kt)
CHESAPEAKE BAY N OF POOLES IS MD Vind gusts of 32 knots were measured at S	COUNTY 0.3 WNW SUSQUEHA 10/07/13 12:00 EST 10/07/13 12:00 EST Susquehanna Buoy.		7] 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy
CHESAPEAKE BAY N OF POOLES IS MD Vind gusts of 32 knots were measured at S	COUNTY 0.3 WNW SUSQUEHA 10/07/13 12:00 EST 10/07/13 12:00 EST Susquehanna Buoy.		7] 0 0	Marine Thunderstorm Wind (EG 34 kt)
CHESAPEAKE BAY N OF POOLES IS MD Vind gusts of 32 knots were measured at S	COUNTY 0.3 WNW SUSQUEHA 10/07/13 12:00 EST 10/07/13 12:00 EST Susquehanna Buoy.		7] 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy
CHESAPEAKE BAY N OF POOLES IS MD Vind gusts of 32 knots were measured at S CHESAPEAKE BAY SANDY PT TO N BEA	COUNTY 0.3 WNW SUSQUEHA 10/07/13 12:00 EST 10/07/13 12:00 EST Susquehanna Buoy. CH MD COUNTY THOMAS POIN 10/07/13 12:00 EST 10/07/13 12:00 EST		7] 0 0 76.44]	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (EG 34 kt)
CHESAPEAKE BAY N OF POOLES IS MD Wind gusts of 32 knots were measured at S CHESAPEAKE BAY SANDY PT TO N BEA Wind gusts of 32 knots were measured at T	COUNTY 0.3 WNW SUSQUEHA 10/07/13 12:00 EST 10/07/13 12:00 EST Susquehanna Buoy. CH MD COUNTY THOMAS POIN 10/07/13 12:00 EST 10/07/13 12:00 EST	IT LIGHT [38.90, -	7] 0 0 76.44] 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet
CHESAPEAKE BAY N OF POOLES IS MD Wind gusts of 32 knots were measured at S CHESAPEAKE BAY SANDY PT TO N BEA Wind gusts of 32 knots were measured at T	COUNTY 0.3 WNW SUSQUEHA 10/07/13 12:00 EST 10/07/13 12:00 EST Susquehanna Buoy. CH MD COUNTY THOMAS POIN 10/07/13 12:00 EST 10/07/13 12:00 EST	IT LIGHT [38.90, -	7] 0 0 76.44] 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet Marine Thunderstorm Wind (EG 34 kt)
CHESAPEAKE BAY N OF POOLES IS MD Vind gusts of 32 knots were measured at S CHESAPEAKE BAY SANDY PT TO N BEA Vind gusts of 32 knots were measured at T	COUNTY 0.3 WNW SUSQUEHA 10/07/13 12:00 EST 10/07/13 12:00 EST Susquehanna Buoy. CH MD COUNTY THOMAS POIN 10/07/13 12:00 EST 10/07/13 12:00 EST Thomas Point.	IT LIGHT [38.90, -	7] 0 0 0 76.44] 0 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet
•	COUNTY 0.3 WNW SUSQUEHA 10/07/13 12:00 EST 10/07/13 12:00 EST Susquehanna Buoy. CH MD COUNTY THOMAS POIN 10/07/13 12:00 EST 10/07/13 12:00 EST Thomas Point. PT MD COUNTY 0.2 NE COVE PO 10/07/13 12:30 EST 10/07/13 12:54 EST	IT LIGHT [38.90, -	7] 0 0 76.44] 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet Marine Thunderstorm Wind (EG 34 kt)
CHESAPEAKE BAY N OF POOLES IS MD Wind gusts of 32 knots were measured at S CHESAPEAKE BAY SANDY PT TO N BEA Wind gusts of 32 knots were measured at T CHESAPEAKE BAY N BEACH TO DRUM F Wind gusts of 32 knots were measured at C	COUNTY 0.3 WNW SUSQUEHA 10/07/13 12:00 EST 10/07/13 12:00 EST Susquehanna Buoy. CH MD COUNTY THOMAS POIN 10/07/13 12:00 EST 10/07/13 12:00 EST Thomas Point. PT MD COUNTY 0.2 NE COVE POIN 10/07/13 12:54 EST Cove Point.	IT LIGHT [38.90, -	7] 0 0 76.44] 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet
CHESAPEAKE BAY N OF POOLES IS MD Vind gusts of 32 knots were measured at S CHESAPEAKE BAY SANDY PT TO N BEA Vind gusts of 32 knots were measured at T CHESAPEAKE BAY N BEACH TO DRUM F Vind gusts of 32 knots were measured at C	COUNTY 0.3 WNW SUSQUEHA 10/07/13 12:00 EST 10/07/13 12:00 EST Susquehanna Buoy. CH MD COUNTY THOMAS POIN 10/07/13 12:00 EST 10/07/13 12:00 EST Thomas Point. PT MD COUNTY 0.2 NE COVE PO 10/07/13 12:30 EST 10/07/13 12:54 EST Cove Point. PT MD COUNTY 6.3 NNW MID B. 10/07/13 12:30 EST	IT LIGHT [38.90, -	7] 0 0 0 76.44] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet
CHESAPEAKE BAY N OF POOLES IS MD Wind gusts of 32 knots were measured at S CHESAPEAKE BAY SANDY PT TO N BEA Wind gusts of 32 knots were measured at T CHESAPEAKE BAY N BEACH TO DRUM F Wind gusts of 32 knots were measured at C CHESAPEAKE BAY N BEACH TO DRUM F	COUNTY 0.3 WNW SUSQUEHA 10/07/13 12:00 EST 10/07/13 12:00 EST Susquehanna Buoy. CH MD COUNTY THOMAS POIN 10/07/13 12:00 EST 10/07/13 12:00 EST Thomas Point. PT MD COUNTY 0.2 NE COVE POIN 10/07/13 12:30 EST 10/07/13 12:54 EST Cove Point. PT MD COUNTY 6.3 NNW MID BOIN 10/07/13 12:30 EST 10/07/13 12:30 EST	IT LIGHT [38.90, -	7] 0 0 76.44] 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet
CHESAPEAKE BAY N OF POOLES IS MD Wind gusts of 32 knots were measured at S CHESAPEAKE BAY SANDY PT TO N BEA Wind gusts of 32 knots were measured at T CHESAPEAKE BAY N BEACH TO DRUM F Wind gusts of 32 knots were measured at C CHESAPEAKE BAY N BEACH TO DRUM F	COUNTY 0.3 WNW SUSQUEHA 10/07/13 12:00 EST 10/07/13 12:00 EST Susquehanna Buoy. CH MD COUNTY THOMAS POIN 10/07/13 12:00 EST 10/07/13 12:00 EST Thomas Point. PT MD COUNTY 0.2 NE COVE POIN 10/07/13 12:30 EST 10/07/13 12:54 EST Cove Point. PT MD COUNTY 6.3 NNW MID BOIN 10/07/13 12:30 EST 10/07/13 12:30 EST	IT LIGHT [38.90, -	7] 0 0 0 76.44] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet
CHESAPEAKE BAY N OF POOLES IS MD Wind gusts of 32 knots were measured at S CHESAPEAKE BAY SANDY PT TO N BEA Wind gusts of 32 knots were measured at T CHESAPEAKE BAY N BEACH TO DRUM F Wind gusts of 32 knots were measured at C	COUNTY 0.3 WNW SUSQUEHA 10/07/13 12:00 EST 10/07/13 12:00 EST Susquehanna Buoy. CH MD COUNTY THOMAS POIN 10/07/13 12:00 EST 10/07/13 12:00 EST 10/07/13 12:00 EST Chomas Point. PT MD COUNTY 0.2 NE COVE PO 10/07/13 12:30 EST 10/07/13 12:30 EST 10/07/13 12:30 EST 5000SES Reef Buoy.	OINT [38.43, -76.3 AY BUOY [38.56,	7] 0 0 0 76.44] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet Marine Thunderstorm Wind (EG 34 kt) Source: Buoy
CHESAPEAKE BAY N OF POOLES IS MD Wind gusts of 32 knots were measured at S CHESAPEAKE BAY SANDY PT TO N BEA Wind gusts of 32 knots were measured at T CHESAPEAKE BAY N BEACH TO DRUM F Wind gusts of 32 knots were measured at C CHESAPEAKE BAY N BEACH TO DRUM F Wind gusts of 33 knots were measured at C	COUNTY 0.3 WNW SUSQUEHA 10/07/13 12:00 EST 10/07/13 12:00 EST Susquehanna Buoy. CH MD COUNTY THOMAS POIN 10/07/13 12:00 EST 10/07/13 12:00 EST 'homas Point. PT MD COUNTY 0.2 NE COVE PO 10/07/13 12:30 EST 10/07/13 12:54 EST Cove Point. PT MD COUNTY 6.3 NNW MID BO 10/07/13 12:30 EST Cooses Reef Buoy.	OINT [38.43, -76.3 AY BUOY [38.56,	7] 0 0 0 76.44] 0 0 0 9] 0 0 0 .76.41] 0 0 0 .76.41] 0 0 0 0 .76.43]	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 6.0 E PINEY POINT [38.13, -76.42]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	10/07/13 12:37 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	10/07/13 12:37 EST		0	Source: Mesonet
Nind gusts of 33 knots were measured at S	et Inigoes.			
CHESAPEAKE BAY DRUM PT TO SMITH F		IT RIVER ASOS [3	• •	Marine Thursdaystern Wind (FC 2414)
	10/07/13 12:42 EST 10/07/13 12:42 EST		0	Marine Thunderstorm Wind (EG 34 kt) Source: ASOS
Wind gusts of 33 knots were measured at P			Ü	Source. ACCC
CHESAPEAKE BAY SANDY PT TO N BEA		NT LIGHT (28 00	76 441	
CHESAFEARE BAT SANDT FT TO N BEA	10/07/13 13:00 EST	NT EIGHT [30.90, -	0	Marine Thunderstorm Wind (MG 34 kt)
	10/07/13 13:00 EST		0	Source: Mesonet
Wind gusts of 34 knots were measured at T	homas Point.			
CHOPTANK RIVER TO CAMBRIDGE MD A		ER COUNTY 0.3		
	10/07/13 13:00 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	10/07/13 13:00 EST		0	Source: Mesonet
Wind gusts of 31 knots were measured at C	Cambridge.			
TIDAL POTOMAC COBB IS MD TO SMITH	PT VA COUNTY 0.4 SE LEWISE 10/07/13 13:00 EST	ETTA [37.99, -76.4	7] 0	Marine Thunderstorm Wind (EG 34 kt)
	10/07/13 13:00 EST		0	Source: Mesonet
FIDAL POTOMAC COBB IS MD TO SMITH	PT VA COUNTY 0.1 WNW POIN 10/07/13 13:20 EST	NT LOOKOUT [38.0	04, -76.32] 0	Marine Thunderstorm Wind (MG 35 kt)
	10/07/13 13:25 EST		0	Source: Mesonet
Wind gusts of 35 knots were measured at P	Point Lookout.			
TIDAL POTOMAC COBB IS MD TO SMITH	PT VA COUNTY 0.3 NE POTON 10/07/13 13:20 EST	MAC BUOY [38.03,	-76.34]	Marine Thunderstorm Wind (EG 34 kt)
	10/07/13 13:30 EST		0	Source: Buoy
Wind gusts of 31 knots were measured at P				,
CHESAPEAKE BAY N BEACH TO DRUM F		SAY BUOY [38.56,	=	
	10/07/13 13:40 EST		0	Marine Thunderstorm Wind (MG 39 kt)
Wind gusts of 39 knots were measured at G	10/07/13 13:40 EST Gooses Reef.		0	Source: Buoy
		D LICODEDO IOLA	ND 138 26 76 401	
	DT VA COUNTY 0.2 SSE LOWE		[30.40, -/0.18] שוּוּ	
	PT VA COUNTY 0.2 SSE LOWEI 10/07/13 13:59 EST	K HUUPEKS ISLA	0	Marine Thunderstorm Wind (EG 34 kt)
		R HOOPERS ISLA	0	Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet
CHESAPEAKE BAY DRUM PT TO SMITH F	10/07/13 13:59 EST 10/07/13 13:59 EST	K HOUPERS ISLA	-	
CHESAPEAKE BAY DRUM PT TO SMITH F Wind gusts of 31 knots were measured at L	10/07/13 13:59 EST 10/07/13 13:59 EST ower Hooper Island.		0 JNTY 0.1 ESE R	Source: Mesonet RACCOON POINT [38.14, -75.79]
CHESAPEAKE BAY DRUM PT TO SMITH F Wind gusts of 31 knots were measured at L	10/07/13 13:59 EST 10/07/13 13:59 EST ower Hooper Island. ERS SURROUNDING BLOODSWC 10/07/13 14:10 EST		0 JNTY 0.1 ESE R	Source: Mesonet RACCOON POINT [38.14, -75.79] Marine Thunderstorm Wind (MG 35 kt)
CHESAPEAKE BAY DRUM PT TO SMITH F Wind gusts of 31 knots were measured at L TANGIER SOUND AND THE INLAND WAT	10/07/13 13:59 EST 10/07/13 13:59 EST ower Hooper Island.		0 JNTY 0.1 ESE R	Source: Mesonet RACCOON POINT [38.14, -75.79]

10/07/13 14:43 EST

10/07/13 14:43 EST

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Source: Mesonet

Marine Thunderstorm Wind (EG 34 kt)

0

0

Property &

Crop Dmg

Event Type and Details

Deaths &

Injuries

Date/Time

Location

Wind gusts of 32 knots were measured at Crisfield. An upper level trough moved through the Mid West and warm moist air was in place across the Mid Atlantic. Showers and thunderstorms crossed the Potomac Highlands in the morning and across the I-95 corridor by early afternoon. Thunderstorms were capable of damaging wind gusts. **DISTRICT OF COLUMBIA** (DC-Z001) DISTRICT OF COLUMBIA 10/26/13 04:30 EST 0 Frost/Freeze 10/26/13 07:30 EST 0 High pressure was located across the Mid Atlantic and clear and calm conditions led to temperatures to fall below freezing. This ended the growing season in many locations. MARYLAND, Central (MD-Z017) ST. MARY'S 10/10/13 17:00 EST 0 Coastal Flood 10/10/13 19:00 EST O A strong onshore flow caused tidal anomalies to increase along the western shore of the Maryland Chesapeake bay and the Tidal Potomac River. (MD-Z003) WASHINGTON 10/15/13 05:00 EST 0 Dense Fog 0 10/15/13 09:00 EST High pressure was located across the Mid Atlantic and clear skies, light winds and antecedent conditions led to dense fog formation. (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY 10/21/13 04:00 FST 0 Frost/Freeze 10/21/13 07:30 EST 0 Calm and clear conditions led to temperatures to fall below freezing overnight. (MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z007) HARFORD, (MD-Z009) MONTGOMERY, (MD-Z010) HOWARD, (MD-Z013) PRINCE GEORGES, (MD-Z016) CHARLES, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) **CENTRAL AND EASTERN ALLEGANY** 10/24/13 10:30 EST n Frost/Freeze 10/25/13 09:00 EST O An upper level trough was located across the region resulting in colder than normal temperatures. During the evening, calm and clear conditions led to temperatures to fall due to radiational cooling. (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 10/25/13 23:25 EST 0 Frost/Freeze 10/26/13 08:10 EST O High pressure was located across the Mid Atlantic and clear and calm conditions led to temperatures to fall below freezing. This ended the growing season in many locations. (MD-Z014) ANNE ARUNDEL 10/31/13 06:00 EST 0 Dense Fog 10/31/13 08:35 EST 0

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

A tropical air mass moved into the Mid Atlantic and southerly flow ushered in moist air. Isolated areas of dense fog formed east of the Blue Ridge.

/IRGINIA, North				
WINCHESTER (C) COUNTY 1.5 NW WINCHE				
	10/07/13 07:20 EST	0	Thunderstorm Wind (EG 52 kt)	
	10/07/13 07:20 EST	1K	Source: Broadcast Media	
here were several trees down on Valley Ave ne	ar Treetops Lane.			
WINCHESTER (C) COUNTY 2.5 NNE WINCH	ESTER [39.16, -78.16]			
	10/07/13 07:22 EST	10K	Thunderstorm Wind (EG 52 kt)	
	10/07/13 07:22 EST	0	Source: Emergency Manager	
There was an eighteen wheeler flipped over on it	s side on southbound I-81 near exit 31	13.		
VINCHESTER (C) COUNTY 2.1 N WINCHES	TER [39.16, -78.16]			
	10/07/13 07:24 EST	2K	Thunderstorm Wind (EG 52 kt)	
	10/07/13 07:24 EST	0	Source: Emergency Manager	
There were several HVAC units toppled over on	the roof of Apple Blossom Mall.			
FREDERICK COUNTY 0.6 W BURNING KNO	LLS [39.17, -78.14]			
	10/07/13 07:25 EST	0	Thunderstorm Wind (EG 52 kt)	
	10/07/13 07:25 EST	0.25K	Source: Broadcast Media	
There was a large trees down on Senseny Road	near Winchester Country Club.			
ALBEMARLE COUNTY 4.1 E RED HILL [37.9	8, -78.55]			
	10/07/13 09:09 EST	0	Thunderstorm Wind (EG 52 kt)	
	10/07/13 09:09 EST	0.25K	Source: County Official	
There was a tree down on Old Lynchburg Road j	ust north of Dudley Mountain Road.			
SPOTSYLVANIA COUNTY 2.4 E BELMONT [38.15, -77.83]			
	10/07/13 14:23 EST	0	Thunderstorm Wind (EG 52 kt)	
	10/07/13 14:23 EST	0.25K	Source: Emergency Manager	
There was a tree down on Stubbs Bridge Road r	ear Belmont.			
SPOTSYLVANIA COUNTY 2.1 SSW FOUR M	ILE FORK [38.22, -77.49]			
	10/07/13 14:42 EST	2K	Thunderstorm Wind (EG 52 kt)	
	10/07/13 14:42 EST	0	Source: Unknown	
There was a HVAC unit that was damaged on fla	t three story medical center roof due to	o strong winds.		
-	•	-		
An upper level trough moved through the Mid				
hunderstorms crossed the Potomac Highland	s in the morning and across the I-95	corridor by early atternoo	ni. i nunderstorms were	

0

0

High pressure was located across the Mid Atlantic and clear skies, light winds and antecedent conditions led to dense fog formation.

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE

10/14/13 23:16 EST

10/15/13 09:50 EST

(VA-Z027) SHENANDOAH

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Dense Fog

102/113 0.500 EST 0 FrostPrineze Calm and clear conditions led to temperatures to fall below freezing overnight. VA-2023) AUGUSTA, (VA-2028) ROCKINGHAM, (VA-2027) SHEWANDOAH, (VA-2028) PEDERICK, (VA-2028) PAGE, (VA-2039) WARREN, (VA-2028) RELORN, (VA-2028) RELOR	Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details	
Calm and clear conditions led to temperatures to fall below freezing overnight. VIA_2025) AUGUSTA, (VA_2026) ROCKINGHAM, (VA_2027) SHENANDOAH, (VA_2028) FREDERICK, (VA_2029) PAGE, (VA_2039) WARREN, (VA_2029) CARREN, (VA_2039) RELSON, (VA_2039) (VA_2039) RESTERN MINERAL, (V		10/21/13 05:00 EST		0	Frost/Freeze	
(VA-2029) AUGUSTA, (VA-2029) ROCKINGHAM, (VA-2027) SHENANDOAH, (VA-2029) FREDERICK, (VA-2029) PAGE, (VA-2029) WARREN, (VA-2029) RELSON, (VA-2027) ALBEMARLE, (VA-2029) GREENE, (VA-2029) MADISON, (VA-2029) PAGE, (VA-2029) WARREN, (VA-2029) RELSON, (VA-2029) PAGE, (VA-2029) PAGE, (VA-2029) WARREN, (VA-2029) RELSON, (VA-2029) PAGE, (VA-2029) WARREN, (VA-2029) RELSON, (VA-2029) RELSON, (VA-2029) PAGE, (VA-2029) PAGE, (VA-2029) WARREN, (VA-2029) RELSON, (VA-2029) RELSON, (VA-2029) CARREN, (VA-2029) RELSON, (VA-2029) RELSON, (VA-2029) WARREN, (VA-2029		10/21/13 07:00 EST		0		
(IVA-2031) CLARKE, (VA-2036) NELSON, (VA-2037) ALBEMARLE, (VA-2036) GREENE, (VA-2036) MADISON, (VA-2040) RAPPAHANNOCK, (VA-2036) NADISON, (VA-2040) RAPPAHANNOCK, (VA-2036) SPOTSYLVANIA, (VA-2057) KING GEORGE, (VA-2037) MORTHERN FAUQUIER, (VA-2032) SOUTHERN FAUQUIER, (VA-2037) REPORT (VA-2036) NELSON, (VA-2037) KING GEORGE, (VA-2037) MORTHERN FAUQUIER, (VA-2032) SOUTHERN FAUQUIER, (VA-2037) Called across the region resulting in colder than normal temperatures. During the evening, calm and clear conditions led to temperatures to fall due to radiational cooling. VA-2039 MELSON, (VA-2037) ALBEMARIE, (VA-2038) GREENE, (VA-2040) RAPPAHANNOCK, (VA-2045) LOUDOUN, (VA-2046) GRANGE, (VA-2051) CULPEPER, (VA-2037) RAJEMARIE, (VA-2038) GREENE, (VA-2047) RAPPAHANNOCK, (VA-2045) STAFFORD, (VA-2046) GRANGE, (VA-2057) KING GEORGE, (VA-2057) NORTHERN FAUQUIER, (VA-2047) SOUTHERN FAUQUIER, (VA-2047) NORTHERN FAUQUIER, (VA-2047) SOUTHERN FAUQUIER, (VA-2047) RAPPAHANNOCK, (VA-2047) Freeze (VA-2047) NORTHERN FAUQUIER, (VA-2047) SOUTHERN FAUQUIER, (VA-2047) RAPPAHANNOCK, (VA-2047) Freeze (VA-2047) NORTHERN FAUQUIER, (VA-2047) SOUTHERN FAUQUIER, (VA-2047) RAPPAHANNOCK, (VA-2047) Freeze (VA-2047) Freeze (VA-2047) NORTHERN FAUQUIER, (VA-2047) SOUTHERN FAUQUIER, (VA-2047) Freeze (VA-204	Calm and clear conditions led to tem	peratures to fall below freezing overni	ght.			
CVA_2036) NELSON, (VA_2037) ALBEMARLE, (VA_2038) GREENE, (VA_2046) RAPPAHANNOCK, (VA_2042) LOUDOUN, (VA_2056) ORANGE, (VA_2057) CULPEPER, (VA_2058) PRINCE WILLIAM, (VA_2058) FAIRFAX, (VA_2056) ARLINGTON, (VA_2058) STAFFORD, (VA_2056) SPOTSYLVANIA, (VA_2057) KING GEORGE, (VA_2057) NORTHERN FAUGUIER, (VA_2058) STAFFORD, (VA_2058) SPOTSYLVANIA, (VA_2057) KING GEORGE, (VA_2057) NORTHERN FAUGUIER, (VA_2058) SUTHERN FAUGUIER (VA_2057) SOUTHERN FAUGUIER (VA_2057) SOUTHERN FAUGUIER (VA_2057) SOUTHERN FAUGUIER (VA_2057) FROSEPREEZE (VA_2057) MADISON 10/25/13 23 40 EST	(VA-Z031) CLARKE, (VA-Z036) NELS (VA-Z042) LOUDOUN, (VA-Z050) ORA	ON, (VA-Z037) ALBEMARLE, (VA-Z038) ANGE, (VA-Z051) CULPEPER, (VA-Z052 7) KING GEORGE, (VA-Z501) NORTHER 10/24/13 23:00 EST) GREENE, (VA-Z0 2) PRINCE WILLIA	39) MADISON, (VA M, (VA-Z053) FAIR A-Z502) SOUTHER 0	A-Z040) RAPPAHANNOCK, FAX, (VA-Z055) STAFFORD, N FAUQUIER	
(VA-2051) CULPEPER, (VA-2052) PRINCE WILLIAM, (VA-2053) FAIRTAX, (VA-2054) ARLINGTON, (VA-2055) STAFFORD, (VA-2056) SPOTSYLVANIA, (VA-2057) KING GEORGE, (VA-2501) NORTHERN FAUQUIER, (VA-2502) SOUTHERN FAUQUIER (VA-2054) MADISON (VA-2038) MADISON 10/25/13 23-40 EST 0 Freezing Fog 10/26/13 08-30 EST NINERAL 10/26/13 08-30 EST 0 Freezing Fog 10/			n normal tempera	tures. During the	evening, calm and clear	
10/25/13 23:25 EST 0 Frost/Freeze 10/26/13 08:30 EST 0 Freezing Fog 10/26/13 08:30 EST 0 Freezing Fog 10/26/13 08:30 EST 0 Dense Fog 10/31/13 08:30 EST 0 Frost/Freeze 10/31/13 08:30 EST 0 Dense Fog 10/31/13 08:30 EST 0 Dense Fog 10/31/13 08:30 EST 0 Dense Fog 10/31/13 08:30 EST 0 Frost/Freeze	(VA-Z051) CULPEPER, (VA-Z052) PR	INCE WILLIAM, (VA-Z053) FAIRFAX, (V	A-Z054) ARLINGT	ON, (VA-Z055) ST	AFFORD, (VA-Z056)	
(VA-Z039) MADISON 10/25/13 23/40 EST 0 Freezing Fog 10/26/13 08:00 EST 0 High pressure was located across the Mid Atlantic and clear and calm conditions led to temperatures to fall below freezing. This ended the growing season in many locations. (VA-Z038) GREENE, (VA-Z059) ORANGE 10/31/13 05:00 EST 0 Dense Fog 10/31/13 08:20 EST 0 O A tropical air mass moved into the Mid Atlantic and southerly flow ushered in moist air. Isolated areas of dense fog formed east of the Blue Ridge. WEST VIRGINIA, East (WV-Z053) JEFFERSON 10/15/13 02:10 EST 0 Dense Fog 10/15/13 09:04 EST 0 Dense Fog 10/15/13 09:04 EST 0 Frost/Freeze High pressure was located across the Mid Atlantic and clear skies, light winds and antecedent conditions led to dense fog formation. (WV-Z059) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL 10/21/13 07:30 EST 0 Frost/Freeze Calm and clear conditions led to temperatures to fall below freezing overnight. (WV-Z504) EASTERN MINERAL 10/25/13 00:50 EST 0 Frost/Freeze		· · · · · · · · · · · · · · · · · · ·	., (= 502, 50			
10/25/13 23:40 EST 0 Freezing Fog 10/26/13 08:00 EST 0 0 High pressure was located across the Mid Atlantic and clear and calm conditions led to temperatures to fall below freezing. This ended the growing season in many locations. (VA-2038) GREENE, (VA-2050) ORANGE 10/31/13 05:00 EST 0 Dense Fog 10/31/13 08:20 EST 0 A tropical air mass moved into the Mid Atlantic and southerly flow ushered in moist air. Isolated areas of dense fog formed east of the Blue Ridge. WEST VIRGINIA, East (WV-2053) JEFFERSON 10/15/13 02:10 EST 0 Dense Fog 10/15/13 09:04 EST 0 Pense Fog 10/15/13 09:04 EST 0 Finst/Freeze (WV-2050) HAMPSHIRE, (WV-2051) MORGAN, (WV-2503) WESTERN MINERAL, (WV-2504) EASTERN MINERAL 10/21/13 04:00 EST 0 Finst/Freeze Calm and clear conditions led to temperatures to fall below freezing overnight. (WV-2504) HAMPSHIRE, (WV-2051) MORGAN, (WV-2052) BERKELEY, (WV-2053) JEFFERSON, (WV-2055) HARDY, (WV-2503) WESTERN MINERAL, (WV-2504) EASTERN MINERAL		10/26/13 08:30 EST		0		
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High pressure was located across the Mid Atlantic and clear and calm conditions led to temperatures to fall below freezing. This ended the growing season in many locations. (VA-Z038) GREENE, (VA-Z050) ORANGE 10/31/13 05:00 EST 0 Dense Fog 10/31/13 08:20 EST 0 Dense Fog 10/15/13 02:10 EST 0 Dense Fog 10/15/13 03:00 EST 0 Fost/Freeze 10/21/13 07:30 EST 0 Frost/Freeze 10/21/13 07:30 EST 0 Frost/Freeze	(VA-2039) MADISON	10/25/13 23:40 FST		0	Freezina Foa	
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	(VVV-2304) EASTERN MINERAL	10/25/13 00:50 EST		0	Frost/Freeze	

An upper level trough was located across the region resulting in colder than normal temperatures. During the evening, calm and clear

conditions led to temperatures to fall due to radiational cooling.

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