Location Date/Time Deaths & Property & **Event Type and Details** Injuries Crop Dmg ATLANTIC NORTH TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.4 NE QUANTICO [38.50, -77.31] 10/13/11 16:47 EST 0 Marine Thunderstorm Wind (MG 37 kt) 10/13/11 16:47 EST 0 Source: ASOS A wind gust of 37 knots was reported at Quantico. TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.7 E (DCA)REAGAN NATIONAL AIRPORT [38.85, -77.03] 10/13/11 21:49 EST 0 Marine Thunderstorm Wind (EG 34 kt) 0 10/13/11 21:49 EST Source: ASOS A wind gust in excess of 30 knots was reported at the Reagan National Airport. A warm front passed through the waters during the afternoon and evening hours of the 13th. A couple thunderstorms were able to mix down gusty winds from aloft. DISTRICT OF COLUMBIA (DC-Z001) DISTRICT OF COLUMBIA 10/12/11 20:00 EST 0 Coastal Flood 0 10/12/11 20:06 EST A persistent onshore flow between high pressure off the Mid-Atlantic Coast and a cold front over the Midwest caused positive tidal anomalies. Water levels exceeded thresholds for moderate coastal flooding near high tide during the afternoon hours of the 12th. MARYLAND, Central (MD-Z003) WASHINGTON, (MD-Z502) CENTRAL AND EASTERN ALLEGANY 0 10/07/11 02:34 EST Dense Fog 10/07/11 08:55 EST Mainly clear skies along with light winds provided a good setup for radiational cooling. There was enough low-level moisture for areas of dense fog to develop across portions of western Maryland. (MD-Z502) CENTRAL AND EASTERN ALLEGANY 10/08/11 06:17 EST 0 Dense Fog 10/08/11 08:35 EST Λ Mainly clear skies along with light winds provided a good setup for radiational cooling. There was enough low-level moisture for areas of dense fog to develop across portions of western Maryland. (MD-Z003) WASHINGTON, (MD-Z502) CENTRAL AND EASTERN ALLEGANY 0 10/09/11 01:06 EST Dense Fog 10/09/11 07:30 EST 0 Mainly clear skies along with light winds provided a good setup for radiational cooling. There was enough low-level moisture for areas of dense fog to develop across portions of western Maryland. (MD-Z502) CENTRAL AND EASTERN ALLEGANY 10/10/11 01:44 EST 0 Dense Foa 10/10/11 09:47 EST 0

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Mainly clear skies along with light winds provided a good setup for radiational cooling. There was enough low-level moisture for areas

of dense fog to develop across portions of western Maryland.

(MD-Z502) CENTRAL AND EASTERN ALLEGANY

	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details	
	10/11/11 02:28 EST	-	0	Dense Fog	
	10/11/11 08:51 EST		0	-	
ainly clear skies along with light winds f dense fog to develop across portions		onal cooling. There	e was enough low	level moisture for areas	
MD-Z014) ANNE ARUNDEL					
	10/13/11 16:09 EST		0	Coastal Flood	
	10/13/11 20:30 EST		0		
persistent onshore flow between high nomalies. Water levels at Annapolis exc				-	
ARFORD COUNTY 0.9 ESE VAN BIBI	• •				
	10/14/11 10:02 EST		1K	Thunderstorm Wind (EG 50 kt)	
	10/14/11 10:02 EST		0	Source: Public	
fifteen-foot pine tree was down due to th	understorm winds.				
ARFORD COUNTY 0.5 NNW GLENVII	= -				
	10/14/11 10:22 EST		0	Hail (1.00 in)	
	10/14/11 10:22 EST		0	Source: Public	
uarter sized hail was reported.					
nunderstorms to become severe.				·	
nunderstorms to become severe. MD-Z003) WASHINGTON, (MD-Z004) FRE	EDERICK, (MD-Z005) CARROLL, (M			·	
understorms to become severe. ID-Z003) WASHINGTON, (MD-Z004) FRE	EDERICK, (MD-Z005) CARROLL, (N		RN BALTIMORE, (MD-Z501) EXTREME WESTERN	
understorms to become severe. ID-Z003) WASHINGTON, (MD-Z004) FRELLEGANY, (MD-Z502) CENTRAL AND E	EDERICK, (MD-Z005) CARROLL, (N ASTERN ALLEGANY 10/28/11 17:00 EST 10/29/11 19:00 EST		RN BALTIMORE, (MD-Z501) EXTREME WESTERN	
understorms to become severe. ID-Z003) WASHINGTON, (MD-Z004) FRE LLEGANY, (MD-Z502) CENTRAL AND E	EDERICK, (MD-Z005) CARROLL, (N ASTERN ALLEGANY 10/28/11 17:00 EST 10/29/11 19:00 EST		RN BALTIMORE, (0 0	MD-Z501) EXTREME WESTERN Winter Storm	
nunderstorms to become severe. MD-Z003) WASHINGTON, (MD-Z004) FRE LLEGANY, (MD-Z502) CENTRAL AND E	EDERICK, (MD-Z005) CARROLL, (N ASTERN ALLEGANY 10/28/11 17:00 EST 10/29/11 19:00 EST		RN BALTIMORE, (MD-Z501) EXTREME WESTERN	
a cold front passed through Maryland or nunderstorms to become severe. MD-Z003) WASHINGTON, (MD-Z004) FRI ALLEGANY, (MD-Z502) CENTRAL AND E MD-Z007) HARFORD, (MD-Z009) MONTG ligh pressure over New England pumper recipitation well ahead of the low overs efore ending during the late afternoon and to the storm system causing rain to challenge of the combination of heavy wet snow on the laryland.	EDERICK, (MD-Z005) CARROLL, (MEASTERN ALLEGANY 10/28/11 17:00 EST 10/29/11 19:00 EST GOMERY, (MD-Z010) HOWARD 10/29/11 05:00 EST 10/29/11 19:00 EST and in an abundant amount of cold a spread Maryland on the evening of and evening hours. Precipitation strange over to snow.	ID-Z006) NORTHE ir while low pressi the 28th. Precipita tarted off as rain a	RN BALTIMORE, (0 0 0 ure developed aloution continued thicoss most areas,	MD-Z501) EXTREME WESTERN Winter Storm Winter Weather Ing the Mid-Atlantic Coast. Yough most of the 29th but colder air wrapped	
MD-Z003) WASHINGTON, (MD-Z004) FRELLEGANY, (MD-Z502) CENTRAL AND E MD-Z007) HARFORD, (MD-Z009) MONTG igh pressure over New England pumper recipitation well ahead of the low overse fore ending during the late afternoon a not the storm system causing rain to che	EDERICK, (MD-Z005) CARROLL, (MEASTERN ALLEGANY 10/28/11 17:00 EST 10/29/11 19:00 EST GOMERY, (MD-Z010) HOWARD 10/29/11 19:00 EST 10/29/11 19:00 EST ad in an abundant amount of cold a spread Maryland on the evening of and evening hours. Precipitation strange over to snow. Trees that still had leaves caused in EDERICK, (MD-Z005) CARROLL, (MID-Z011) SOUTHERN BALTIMORE, Z018) CALVERT, (MD-Z501) EXTRE	ir while low pressing the 28th. Precipital tarted off as rain a sumerous power of the 2006) NORTHE (MD-Z006) NORTHE	RN BALTIMORE, (0 0 0 ure developed aloution continued the cross most areas, utages across nor RN BALTIMORE, (E GEORGES, (MD LEGANY, (MD-Z50))	MD-Z501) EXTREME WESTERN Winter Storm Winter Weather Ing the Mid-Atlantic Coast. Ough most of the 29th but colder air wrapped Chern and western MD-Z007) HARFORD, (MD-Z009) Z014) ANNE ARUNDEL, (MD-Z016) 2) CENTRAL AND EASTERN	
understorms to become severe. ID-Z003) WASHINGTON, (MD-Z004) FRELLEGANY, (MD-Z502) CENTRAL AND E ID-Z007) HARFORD, (MD-Z009) MONTG gh pressure over New England pumper ecipitation well ahead of the low oversefore ending during the late afternoon at to the storm system causing rain to chance combination of heavy wet snow on transland. ID-Z003) WASHINGTON, (MD-Z004) FREDONTGOMERY, (MD-Z010) HOWARD, (MHARLES, (MD-Z017) ST. MARY'S, (MD-Z014)	EDERICK, (MD-Z005) CARROLL, (MEASTERN ALLEGANY 10/28/11 17:00 EST 10/29/11 19:00 EST GOMERY, (MD-Z010) HOWARD 10/29/11 05:00 EST 10/29/11 19:00 EST and in an abundant amount of cold a spread Maryland on the evening of and evening hours. Precipitation strange over to snow. Trees that still had leaves caused in EDERICK, (MD-Z005) CARROLL, (MID-Z011) SOUTHERN BALTIMORE,	ir while low pressing the 28th. Precipital tarted off as rain a sumerous power of the 2006) NORTHE (MD-Z006) NORTHE	RN BALTIMORE, (0 0 0 ure developed aloution continued the cross most areas, utages across nor RN BALTIMORE, (E GEORGES, (MD LEGANY, (MD-250)	MD-Z501) EXTREME WESTERN Winter Storm Winter Weather Ing the Mid-Atlantic Coast. Ough most of the 29th but colder air wrapped Schern and western MD-Z007) HARFORD, (MD-Z009) Z014) ANNE ARUNDEL, (MD-Z016)	
understorms to become severe. ID-Z003) WASHINGTON, (MD-Z004) FREALEGANY, (MD-Z502) CENTRAL AND E ID-Z007) HARFORD, (MD-Z009) MONTG ID-Z003) WASHINGTON, (MD-Z004) FRED ID-Z004) FRED ID-Z005 WASHINGTON, (MD-Z004) FRED ID-Z006 WASHINGTON, (MD-Z004) FRED ID-Z007 WASHINGTON, (MD-Z004) FRED ID-Z008 WASHINGTON, (MD-Z004)	EDERICK, (MD-Z005) CARROLL, (MEASTERN ALLEGANY 10/28/11 17:00 EST 10/29/11 19:00 EST GOMERY, (MD-Z010) HOWARD 10/29/11 19:00 EST 10/29/11 19:00 EST ad in an abundant amount of cold a spread Maryland on the evening of and evening hours. Precipitation strange over to snow. Trees that still had leaves caused in EDERICK, (MD-Z005) CARROLL, (MID-Z011) SOUTHERN BALTIMORE, Z018) CALVERT, (MD-Z501) EXTRE	ir while low pressing the 28th. Precipital tarted off as rain a sumerous power of the 2006) NORTHE (MD-Z006) NORTHE	RN BALTIMORE, (0 0 0 ure developed aloution continued the cross most areas, utages across nor RN BALTIMORE, (E GEORGES, (MD LEGANY, (MD-Z50))	MD-Z501) EXTREME WESTERN Winter Storm Winter Weather Ing the Mid-Atlantic Coast. Ough most of the 29th but colder air wrapped Chern and western MD-Z007) HARFORD, (MD-Z009) Z014) ANNE ARUNDEL, (MD-Z016) 2) CENTRAL AND EASTERN	

VIRGINIA, North

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

10/07/11 01:15 EST

10/07/11 08:55 EST

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Dense Fog

0

0

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Mainly clear skies along with light winds prov of dense fog to develop across portions of no	= -	nal cooling. There	e was enough low	-level moisture for areas
(VA-Z029) PAGE				
	10/10/11 21:35 EST		0	Dense Fog
	10/11/11 02:15 EST		0	
Mainly clear skies along with light winds prov of dense fog to develop across portions of ce	•	nal cooling. There	e was enough low	-level moisture for areas
(VA-Z054) ARLINGTON				
	10/12/11 19:02 EST		0	Coastal Flood
	10/13/11 21:37 EST		0	
A persistent onshore flow between high pres anomalies. Water levels at Alexandria exceed				
NELSON COUNTY 0.7 ENE SHIPMAN [37.7	2, -78.84], 0.9 NE SHIPMAN [37	7.73, -78.84], 1.1 E	NE SHIPMAN [37.	73, -78.83], 0.6 E SHIPMAN [37.72,
-78.84]	10/12/11 19:52 EST		0	Flash Flood (due to Heavy Rain)
	10/12/11 23:00 EST		0	Source: Fire Department/Rescue
Water was over a roadway in Shipman. A near	by spotter reported 3.55 inches	of rain.		
ALBEMARLE COUNTY 0.6 E ESMONT [37.	83, -78.61], 0.6 ESE ESMONT [37.83, -78.61], 0.8	ESE ESMONT [37.	83, -78.61], 0.8 ENE ESMONT [37.83,
-78.61], 0.6 ENE ESMONT [37.83, -78.61]	10/12/11 22:30 EST		0	Flash Flood (due to Heavy Rain)
	10/12/11 23:30 EST		0	Source: State Official
	10/12/11/20:00/201		•	Course. State Citional
ainfall. Excessive rainfall amounts, aided by amounts in Nelson County were measured to	be as high as 4.28 inches.			
CULPEPER COUNTY 0.5 NE MONUMENT N -78.01], 0.4 NW MONUMENT MILLS [38.60, -78	=	MONUMENT MILL	.S [38.60, -78.00],	0.4 WNW MONUMENT MILLS [38.60,
-70.01], 0.4 NW MONOMENT MILES [30.00, -70	10/13/11 09:00 EST		0	Flood (due to Heavy Rain)
	10/13/11 14:00 EST		0	Source: Fire Department/Rescue
Butler Store Road was closed near its intersect	ion with Monumental Mills Road	d due to earlier rair	nfall. A nearby spo	tter measured 3.26 inches of rain.
FAIRFAX COUNTY 0.7 E CROWELLS CORI	NER [38.95, -77.29], 0.7 W KEN	MORE [38.95, -77	.28], 0.5 W KENMO	DRE [38.95, -77.28], 0.8 WNW KENMORE
• ,	10/13/11 17:30 EST		0	Flash Flood (due to Heavy Rain)
	10/13/11 21:30 EST		0	Source: Fire Department/Rescue
The intersection of Browns Mill Road and Beula	ah Road was closed due to flash	n flooding. A neart	by spotter measure	ed 2.99 inches of rain.
FAIRFAX COUNTY 0.9 NW CLARKS CROS	=	CLARKS CROSSII	NG [38.93, -77.30],	0.7 N CLARKS CROSSING [38.93,
-77.30], 0.7 NNW CLARKS CROSSING [38.93,	-77.31] 10/13/11 17:30 EST		0	Flood (due to Heavy Rain)
	10/13/11 21:30 EST		0	Source: NWS Employee
Hunter Mill Road closed south of the intersectic inches. A nearby rain gauge tallied 1.53 inches	on of Hunter Mill Road and Ceda	ar Pond Road. Wa	iter was flowing ac	
LOUDOUN COUNTY 0.8 SSE BROAD RUN	FARMS [39.02, -77.37], 0.8 SSE	E BROAD RUN FA	RMS [39.02, -77.3	7], 0.7 SSE BROAD RUN FARMS [39.02,
-77.37], 0.6 S BROAD RUN FARMS [39.02, -77	=	S [39.02, -77.37]	0	Flesh Flesh (due to Users Pol.)
	10/13/11 19:55 EST 10/13/11 21:30 EST		0	Flash Flood (due to Heavy Rain) Source: Fire Department/Rescue

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Location Date/Time Deaths & **Event Type and Details** Property & Injuries Crop Dma Thomas Avenue was closed near Lake Drive due to flash flooding. LOUDOUN COUNTY --- 1.4 SSW LEESBURG MUNI [39.06, -77.56], 1.5 SSW LEESBURG MUNI [39.06, -77.56], 1.4 S LEESBURG MUNI [39.06, -77.55], 1.3 S LEESBURG MUNI [39.06, -77.55] 10/13/11 19:55 EST Flash Flood (due to Heavy Rain) n 10/13/11 21:30 EST Source: Emergency Manager Shreve Mill Road was closed between Sycolin Road and the Dulles Greenway due to flash flooding. FAIRFAX COUNTY --- 1.5 SSW CHANTILLY [38.88, -77.44], 1.4 SSW CHANTILLY [38.88, -77.44], 1.3 SSW CHANTILLY [38.88, -77.44], 1.3 SSW CHANTILLY [38.88, -77.44] 10/13/11 20:00 EST 0 Flash Flood (due to Heavy Rain) 10/13/11 21:30 EST Source: State Official Walney Road was closed just south of Mariah Court due to flash flooding on Flat Lick Stream. An observer near the event recorded 2.26 inches of rain. FAIRFAX COUNTY --- 1.4 W CLARKS CROSSING [38.92, -77.33], 1.3 W CLARKS CROSSING [38.92, -77.32], 1.4 W CLARKS CROSSING [38.92, -77.33], 1.6 W CLARKS CROSSING [38.92, -77.33] 10/13/11 20:30 EST n Flash Flood (due to Heavy Rain) 10/13/11 21:30 EST 0 Source: Emergency Manager Stewart Mill Road was closed near Birdfoot Lane due to flash flooding on Little Difficult Run. A nearby spotter observed 1.60 inches of rain. FAIRFAX COUNTY --- 1.1 NW RESTON [38.98, -77.31], 1.0 NNW RESTON [38.98, -77.31], 0.9 NW RESTON [38.98, -77.31], 1.1 NW RESTON [38.98, -77.321 10/13/11 21:30 EST 0 Flood (due to Heavy Rain) 10/13/11 23:45 EST 0 Source: Fire Department/Rescue A one-lane bridge on Springvale Road near Crippen Court was closed due to 2 feet of standing water on the roadway. A nearby observer tallied 1.10 inches of rain. A slow-moving warm front lifted northward through northern Virginia during the afternoon and evening. Over 24 hours of intermittent rain had created saturated grounds across the area and even a report of morning flooding. Thus, when thunderstorms fired later in the day as instability and wind fields strengthened, high rainfall rates associated with them lead to flash flooding in several locations in the western suburbs of Washington DC, and flooding continued for a while after rains ended. The highest rainfall amount received was 4.11 inches in Fairfax County. ORANGE COUNTY --- 0.6 NE NASONS [38.28, -78.02], 1.9 NNE NASONS [38.29, -78.01] 10/13/11 15:05 EST 5K Tornado (EF0, L: 1.35 mi, W: 50 yd) 10/13/11 15:06 EST Source: NWS Storm Survey 0 A discontinuous path of tree damage was seen from a creek near Clifton Road to Clarks Mountain Road. FAUQUIER COUNTY --- 2.1 S MIDLAND WARRENTON AR [38.55, -77.72], 0.5 W CALVERTON [38.63, -77.68] 10/13/11 15:58 EST 30K Tornado (EF0, L: 6.02 mi, W: 75 vd) 10/13/11 16:11 EST 0 Source: NWS Storm Survey A resident reported damage to trees and a boat on his property along Rogues Road. Spotty tree damage was found along Ebenezer Church Road mainly in the form of snapped large limbs. Damage also occurred to a farm located off Midland Road near Old Windwright Lane. A metal roof covering on the rear of the farmhouse was peeled off and was later found in a field about 200 yards northwest of the house. A porch was blown off a residence at the end of Longstalk Lane. Numerous hardwood and softwood trees were snapped or uprooted near the residence. Tree limbs were damaged near Eustace Road and south of Catlett road.

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About a dozen trees were sporadically uprooted and snapped. Homes in the community off Merryview Drive had minor roofing and siding damage. A

20K

0

Tornado (EF0, L: 2.00 mi, W: 75 vd)

Source: NWS Storm Survey

STAFFORD COUNTY --- 0.8 SW MIDWAY IS [38.49, -77.38], 0.6 E MAUNTS [38.52, -77.37]

chained link fence was also downed and a billboard was pushed nearly over.

10/13/11 16:22 EST

10/13/11 16:27 EST

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
PRINCE WILLIAM COUNTY 2.6 W BROW	N FIELD [29 52 77 27] 2 2 SW 1	TDIANGI E 139 E2	77 261	
FRINCE WILLIAM COUNTY 2.0 W BROW	10/13/11 16:27 EST	RIANGLE [30.33,	5K	Tornado (EF0, L: 0.71 mi , W: 75 yd)
	10/13/11 16:29 EST		0	Source: NWS Storm Survey
Frees were sporadically uprooted and snappo	ed.			
PRINCE WILLIAM COUNTY 1.9 SW TRIA	NGLE [38 53 -77 36] 0.9 WNW T	RIANGI F [38 55	-77 35l	
Tunio Melanin o o o mari	10/13/11 16:29 EST	rusuronni josios,	5K	Tornado (EF0, L: 1.57 mi , W: 75 yd)
	10/13/11 16:32 EST		0	Source: NWS Storm Survey
Trees were sporadically uprooted and snapporaffic on Interstate 95.	ed from the Stafford-Prince Williar	m County line to T	riangle. Videos wer	e taken as the tornado passed over
FAIRFAX COUNTY 1.7 N CLIFTON [38.80	, -77.38], 1.1 ESE LEGATO [38.84	4, -77.35]		
	10/13/11 16:40 EST		10K	Tornado (EF0, L: 2.90 mi , W: 50 yd)
	10/13/11 16:46 EST		0	Source: NWS Storm Survey
Trees were sporadically uprooted and snappe	ed for about a three mile path star	ting near Clifton to	just west of the Fa	airfax City.
FAIRFAX COUNTY 1.2 S CLARKS CROS				
	10/13/11 17:00 EST		4K	Thunderstorm Wind (EG 56 kt)
	10/13/11 17:00 EST		0	Source: NWS Employee
At least four large trees were down and partia Vale Road.	ally blocking the roadway betweer	n Hunter Mill Road	and just north of th	e intersection of Hunter Mill Road and
FAIRFAX COUNTY 0.8 SW CLARKS CRO	SSING [38.91, -77.31]			
	10/13/11 17:02 EST		5K	Thunderstorm Wind (EG 56 kt)
	10/13/11 17:02 EST 10/13/11 17:02 EST		5K 0	Thunderstorm Wind (EG 56 kt) Source: Newspaper
rees were damaged along Wickens Road.	10/13/11 17:02 EST 10/13/11 17:02 EST			Thunderstorm Wind (EG 56 kt) Source: Newspaper
A warm front passed through central and n trough approached the area during the same able to produce damaging wind gusts due to causing some of the stronger thunderstorm	10/13/11 17:02 EST orthern Virginia during the aftern te time causing strong winds alo to the strong winds aloft. Winds as to produce tornadoes near the	oft. Thunderstorm rapidly changed i e warm front.	0 g hours of the 13th s that developed b in both direction a	Source: Newspaper A potent upper-level sehind the front were and speed with height
A warm front passed through central and n trough approached the area during the sam able to produce damaging wind gusts due to causing some of the stronger thunderstorm	10/13/11 17:02 EST orthern Virginia during the after the time causing strong winds alo to the strong winds aloft. Winds as to produce tornadoes near the 6, -77.62], 1.2 SSE ALDIE [38.95,	oft. Thunderstorm rapidly changed i e warm front.	0 g hours of the 13th s that developed b in both direction a	Source: Newspaper A potent upper-level sehind the front were and speed with height 52], 1.0 SSE ALDIE [38.96, -77.62]
A warm front passed through central and n trough approached the area during the same able to produce damaging wind gusts due to causing some of the stronger thunderstorm	10/13/11 17:02 EST orthern Virginia during the afterile time causing strong winds aloft the strong winds aloft. Winds as to produce tornadoes near the 16, -77.62], 1.2 SSE ALDIE [38.95, 10/19/11 20:30 EST	oft. Thunderstorm rapidly changed i e warm front.	0 g hours of the 13th s that developed b in both direction a ALDIE [38.96, -77.6	Source: Newspaper A potent upper-level sehind the front were and speed with height 32], 1.0 SSE ALDIE [38.96, -77.62] Flood (due to Heavy Rain)
A warm front passed through central and n trough approached the area during the same able to produce damaging wind gusts due to causing some of the stronger thunderstorm LOUDOUN COUNTY 1.2 SSE ALDIE [38.9]	10/13/11 17:02 EST orthern Virginia during the aftern te time causing strong winds aloft. Winds as to produce tornadoes near the 16, -77.62], 1.2 SSE ALDIE [38.95, 10/19/11 20:30 EST 10/19/11 23:30 EST	oft. Thunderstorm rapidly changed i e warm front.	0 g hours of the 13th s that developed b in both direction a	Source: Newspaper A potent upper-level sehind the front were and speed with height 52], 1.0 SSE ALDIE [38.96, -77.62]
A warm front passed through central and no trough approached the area during the same able to produce damaging wind gusts due to causing some of the stronger thunderstorm. LOUDOUN COUNTY 1.2 SSE ALDIE [38.9] One lane blocked of Route 15 near Braddock.	10/13/11 17:02 EST orthern Virginia during the afterine time causing strong winds aloft. Winds as to produce tornadoes near the 16, -77.62], 1.2 SSE ALDIE [38.95, 10/19/11 20:30 EST 10/19/11 23:30 EST	oft. Thunderstorm rapidly changed in e warm front.	0 g hours of the 13th is that developed b in both direction a ALDIE [38.96, -77.6 0	Source: Newspaper A potent upper-level sehind the front were and speed with height S2], 1.0 SSE ALDIE [38.96, -77.62] Flood (due to Heavy Rain) Source: Emergency Manager
A warm front passed through central and no rough approached the area during the same able to produce damaging wind gusts due to causing some of the stronger thunderstorm. OUDOUN COUNTY 1.2 SSE ALDIE [38.9] One lane blocked of Route 15 near Braddock. OUDOUN COUNTY 1.6 S LEESBURG M	10/13/11 17:02 EST orthern Virginia during the afterine time causing strong winds aloft. Winds as to produce tornadoes near the 16, -77.62], 1.2 SSE ALDIE [38.95, 10/19/11 20:30 EST 10/19/11 23:30 EST	oft. Thunderstorm rapidly changed in e warm front.	0 g hours of the 13th is that developed b in both direction a ALDIE [38.96, -77.6 0	Source: Newspaper A potent upper-level sehind the front were and speed with height S2], 1.0 SSE ALDIE [38.96, -77.62] Flood (due to Heavy Rain) Source: Emergency Manager
A warm front passed through central and no rough approached the area during the same able to produce damaging wind gusts due to causing some of the stronger thunderstorm. OUDOUN COUNTY 1.2 SSE ALDIE [38.9] One lane blocked of Route 15 near Braddock.	10/13/11 17:02 EST orthern Virginia during the aftern te time causing strong winds aloft. Winds as to produce tornadoes near the 16, -77.62], 1.2 SSE ALDIE [38.95, 10/19/11 20:30 EST 10/19/11 23:30 EST Road due to high water.	oft. Thunderstorm rapidly changed in e warm front.	og hours of the 13th is that developed be in both direction a ALDIE [38.96, -77.6] 0 0	Source: Newspaper A potent upper-level sehind the front were and speed with height S2], 1.0 SSE ALDIE [38.96, -77.62] Flood (due to Heavy Rain) Source: Emergency Manager
A warm front passed through central and no rough approached the area during the same able to produce damaging wind gusts due to a sausing some of the stronger thunderstorm. OUDOUN COUNTY 1.2 SSE ALDIE [38.9] One lane blocked of Route 15 near Braddock. OUDOUN COUNTY 1.6 S LEESBURG M. LEESBURG MUNI [39.06, -77.55]	10/13/11 17:02 EST orthern Virginia during the afterine time causing strong winds aloft. Winds as to produce tornadoes near the 16, -77.62], 1.2 SSE ALDIE [38.95, 10/19/11 20:30 EST 10/19/11 23:30 EST Road due to high water. UNI [39.06, -77.55], 1.4 SSW LEE 10/19/11 20:30 EST 10/19/11 20:30 EST	oft. Thunderstorm rapidly changed in e warm front.	o phours of the 13th s that developed be in both direction a ALDIE [38.96, -77.60]	Source: Newspaper A potent upper-level sehind the front were and speed with height S2], 1.0 SSE ALDIE [38.96, -77.62] Flood (due to Heavy Rain) Source: Emergency Manager LEESBURG MUNI [39.06, -77.55], 1.5 S Flood (due to Heavy Rain)
Trees were damaged along Wickens Road. A warm front passed through central and n trough approached the area during the same able to produce damaging wind gusts due to causing some of the stronger thunderstorm. LOUDOUN COUNTY 1.2 SSE ALDIE [38.9] One lane blocked of Route 15 near Braddock. LOUDOUN COUNTY 1.6 S LEESBURG M. LEESBURG MUNI [39.06, -77.55] Sycolyn Road was closed near the Dulles Grands over the Ohio Valley. Moderate to heavy rainighest measured amount of rain was 1.36	orthern Virginia during the afternie time causing strong winds aloft. Winds as to produce tornadoes near the 16, -77.62], 1.2 SSE ALDIE [38.95, 10/19/11 20:30 EST 10/19/11 23:30 EST Road due to high water. UNI [39.06, -77.55], 1.4 SSW LEE 10/19/11 23:30 EST 10/19/11 20:30 EST 1	oft. Thunderstorm rapidly changed is warm front. 7.77.62], 0.9 SSE SBURG MUNI [39	o phours of the 13th s that developed be in both direction a ALDIE [38.96, -77.60] 0 0 0 0 in advance of a definition of the control of	Source: Newspaper A potent upper-level behind the front were and speed with height S2], 1.0 SSE ALDIE [38.96, -77.62] Flood (due to Heavy Rain) Source: Emergency Manager EESBURG MUNI [39.06, -77.55], 1.5 S Flood (due to Heavy Rain) Source: Emergency Manager
A warm front passed through central and no trough approached the area during the same able to produce damaging wind gusts due to causing some of the stronger thunderstorm. LOUDOUN COUNTY 1.2 SSE ALDIE [38.9] One lane blocked of Route 15 near Braddock. LOUDOUN COUNTY 1.6 S LEESBURG M. LEESBURG MUNI [39.06, -77.55] Sycolyn Road was closed near the Dulles Grands over the Ohio Valley. Moderate to heavy range and thunderstorms overspread no over the Ohio Valley. Moderate to heavy range and thunderstorms overspread no over the Ohio Valley.	orthern Virginia during the afternie time causing strong winds aloft. Winds its to produce tornadoes near the 16, -77.62], 1.2 SSE ALDIE [38.95, 10/19/11 20:30 EST 10/19/11 23:30 EST Road due to high water. UNI [39.06, -77.55], 1.4 SSW LEE 10/19/11 23:30 EST 10/19/11 20:30 EST	oft. Thunderstorm rapidly changed is warm front. 7.77.62], 0.9 SSE SBURG MUNI [39	o phours of the 13th s that developed be in both direction a ALDIE [38.96, -77.60] 0 0 0 0 in advance of a definition of the control of	Source: Newspaper A potent upper-level behind the front were and speed with height S2], 1.0 SSE ALDIE [38.96, -77.62] Flood (due to Heavy Rain) Source: Emergency Manager EESBURG MUNI [39.06, -77.55], 1.5 S Flood (due to Heavy Rain) Source: Emergency Manager
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(VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z039)

MADISON, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	10/28/11 16:00 EST	•	0	Winter Storm
	10/29/11 16:00 EST		0	
ecipitation well ahead of the low ove ntinued into the 29th before ending	ped in an abundant amount of cold a erspread northern and central Virgini during the late morning and afternoo e Blue Ridge Mountains and Shenano	a during the eveni on hours. There wa	ng hours of the 28	th. Precipitation
he combination of heavy wet snow o		umerous power ou	itages mainly acro	oss extreme northern
VA-Z025) AUGUSTA, (VA-Z026) ROCK	(INGHAM, (VA-Z027) SHENANDOAH,	(VA-Z028) FREDE	RICK, (VA-Z029) P	AGE, (VA-Z030) WARREN,
VA-Z031) CLARKE, (VA-Z036) NELSO DRANGE, (VA-Z051) CULPEPER, (VA-Z				
KING GEORGE, (VA-Z502) SOUTHERN		AIRFAX, (VA-2005)	STAFFORD, (VA-	2030) GFOTGTEVANIA, (VA-2037)
,	10/30/11 05:00 EST		0	Frost/Freeze
	10/30/11 08:00 EST		0	
Canadian high pressure provided chill	v conditions during the morning box	urs of the 30th Min	imum temperatur	es during the early
morning hours range from the mid 20s		ars or the ooth, will	mum temperatur	as during the early
-				
WEST VIRGINIA, East				
Ter theomy, east				
WV-Z050) HAMPSHIRE, (WV-Z051) MC	DRGAN (WV-7053) JEFFERSON (WV	/-7055) HARDY (M	/V-7502) FASTER	N GRANT (WW7504) FASTERN
/INERAL	51.0AH, (***-2000) 021 1 21.0OH, (***	-2000) TIARD 1, (V	V-2002) LAGILIO	(OICHT, (WV-2004) EAGTERIN
	10/06/11 23:55 EST		0	Dense Fog
	10/06/11 23:55 EST 10/07/11 09:15 EST		0 0	Dense Fog
	10/07/11 09:15 EST		0	·
Mainly clear skies along with light win	10/07/11 09:15 EST ds provided a good setup for radiation	onal cooling. There	0	·
	10/07/11 09:15 EST ds provided a good setup for radiation	onal cooling. There	0	·
Mainly clear skies along with light win of dense fog to develop across portion	10/07/11 09:15 EST ds provided a good setup for radiations of eastern West Virginia.		0 was enough low	·
lainly clear skies along with light win f dense fog to develop across portior	10/07/11 09:15 EST ds provided a good setup for radiations of eastern West Virginia.		0 was enough low	·
Mainly clear skies along with light win of dense fog to develop across portion	10/07/11 09:15 EST ds provided a good setup for radiations of eastern West Virginia. ARDY, (WV-Z502) EASTERN GRANT,		0 was enough low-	level moisture for areas
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(WV-Z050) HAMPSHIRE, (WV-Z055) HARDY

Location	Date/Time	Deaths &	Property &	Event Type and Details
		Injuries	Crop Dmg	
	10/23/11 05:55 EST		0	Frost/Freeze
	10/23/11 07:35 EST		0	

High pressure directly overhead along with mainly clear skies provided a good setup for radiational cooling during the early morning hours of the 23rd. Temperatures were in the lower 30s across portions of eastern West Virginia.

(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z053) JEFFERSON, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON

10/28/11 17:00 EST 0 Winter Stori

10/29/11 16:00 EST 0

High pressure over New England pumped in an abundant amount of cold air while low pressure developed along the Mid-Atlantic Coast. Precipitation well ahead of the low overspread eastern West Virginia during the evening hours of the 28th. Precipitation continued into the 29th before ending during the afternoon hours. There was enough cold air for precipitation to fall in the form of snow especially across the Potomac Highlands.

The combination of heavy wet snow on trees that still had leaves caused numerous power outages.

(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z055) HARDY, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL

10/29/11 23:00 EST 0 Frost/Freeze

10/30/11 08:00 EST 0

Canadian high pressure provided chilly conditions during the morning hours of the 30th. Minimum temperatures during the early morning hours range from the mid 20s to lower 30s.

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