

Storm Data and Unusual Weather Phenomena - May 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ATLANTIC NORTH				
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- 4.3 NNW RIVIERA BEACH [39.22, -76.53]				
	05/10/13 20:38 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	05/10/13 20:38 EST	0		Source: Mesonet
Wind gusts in excess of 31 knots were measured at Key Bridge.				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 0.2 NNW PATAPSCO BUOY [39.15, -76.39]				
	05/10/13 21:00 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	05/10/13 21:00 EST	0		Source: Buoy
Wind gusts in excess of 31 knots were measured at Patapsco Buoy.				
CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- 5.4 SE SUSQUEHANNA [39.50, -75.99]				
	05/10/13 21:19 EST	0		Marine Thunderstorm Wind (EG 37 kt)
	05/10/13 21:44 EST	0		Source: Mesonet
Wind gusts of 37 knots were measured at North Bay North East.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.5 E QUANTICO [38.50, -77.30]				
	05/10/13 21:30 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	05/10/13 21:30 EST	0		Source: ASOS
Wind gusts of 35 knots were measured at Quantico.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT LIGHT [38.90, -76.44]				
	05/10/13 22:00 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	05/10/13 22:00 EST	0		Source: Buoy
Wind gusts in excess of 33 knots were measured at Thomas Point Lighthouse.				
Low pressure over the Ohio Valley and an associated cold front approached the mountains. Southerly flow transported moisture into the region. Upper level jet dynamics were stronger across the Ohio Valley.				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 62.7 N LOWER HOOPERS ISLAND [39.15, -76.39]				
	05/11/13 17:20 EST	0		Marine Thunderstorm Wind (EG 35 kt)
	05/11/13 17:20 EST	0		Source: Buoy
Winds gusts of 35 knots were measured at the Patapsco Buoy.				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.4 SSW SMITH ISLAND [37.98, -76.04]				
	05/11/13 23:44 EST	0		Marine Thunderstorm Wind (EG 39 kt)
	05/11/13 23:44 EST	0		Source: Mesonet
Wind gusts of 39 knots were measured at Smith Island.				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.3 SE CRISFIELD [37.97, -75.88]				
	05/11/13 23:53 EST	0		Marine Thunderstorm Wind (EG 44 kt)
	05/12/13 00:03 EST	0		Source: Mesonet
Wind gusts of 44 knots were measured at Crisfield.				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 1.5 ENE CRISFIELD [37.98, -75.86]				
	05/11/13 23:54 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	05/12/13 00:04 EST	0		Source: Mesonet
Wind gusts of 34 knots were measured at Crisfield.				
Low pressure and an associated cold front crossed the Mid Atlantic. Ahead of this system, southerly flow transported moisture into the region. Thunderstorm wind damage was the main threat.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.1 E BISHOPS HEAD [38.22, -76.04]				
	05/16/13 17:42 EST	0		Marine Thunderstorm Wind (EG 49 kt)
	05/16/13 17:42 EST	0		Source: Mesonet

Wind gusts of 49 knots were measured at Bishops Head.

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.1 ENE BISHOPS HEAD [38.22, -76.04]				
	05/16/13 17:42 EST	0		Marine Thunderstorm Wind (EG 55 kt)
	05/16/13 17:42 EST	0		Source: Mesonet

Wind gusts of 55 knots were measured at Bishops Head.

A cold front moved southward through the Central Foothills and stalled. A few upper level disturbances moved over this region as well. Thunderstorms developed near this frontal boundary.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 1.1 SE LYLES-CROUCH ACADEMY ALEXANDRIA [38.79, -77.04]				
	05/23/13 17:40 EST	0		Marine Thunderstorm Wind (EG 43 kt)
	05/23/13 17:40 EST	0		Source: Buoy

Wind gusts of 43 knots were measured at Upper Potomac Buoy.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.2 NE (DCA)REAGAN NATIONAL AIRPORT [38.85, -77.04]				
	05/23/13 18:08 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	05/23/13 18:17 EST	0		Source: ASOS

Wind gusts in excess of 32 knots were reported at Reagan National.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.2 W POTOMAC LIGHT [38.34, -76.99]				
	05/23/13 23:09 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	05/23/13 23:09 EST	0		Source: Buoy

Wind gusts in excess of 33 knots were measured at Potomac Light 33.

A cold front was approaching from the west. Ahead of it temperatures reached their convective temps and wind speeds increased. Thunderstorms formed along a lee trough.

DISTRICT OF COLUMBIA

DISTRICT OF COLUMBIA COUNTY --- 0.9 SE BOLLING AFB [38.84, -77.01], 1.0 SE BOLLING AFB [38.84, -77.01], 0.8 SSE BOLLING AFB [38.84, -77.01], 0.8 SE BOLLING AFB [38.84, -77.01]				
	05/28/13 18:30 EST	0		Flash Flood (due to Heavy Rain)
	05/28/13 20:30 EST	0		Source: Emergency Manager

There was water covering on south bound Capitol Street SE and Malcolm X Ave SE at the Overpass which was closed.

A shortwave trough moved north of the region. Organized convection developed near the I-95 corridor where instability was the greatest. Scattered showers and thunderstorms produced large hail, heavy rainfall and damaging winds.

MARYLAND, Central

BALTIMORE CITY (C) COUNTY --- 0.3 SSW ARBUTUS [39.27, -76.67]				
	05/08/13 14:54 EST	0		Hail (1.00 in)
	05/08/13 14:54 EST	0		Source: Public

MONTGOMERY COUNTY --- 1.5 NW POTOMAC [39.03, -77.24]				
	05/08/13 15:45 EST	0		Hail (1.00 in)
	05/08/13 15:45 EST	0		Source: Public

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FREDERICK COUNTY --- 0.8 SSW WALKERSVILLE [39.47, -77.36]				
	05/08/13 16:14 EST		0	Hail (1.00 in)
	05/08/13 16:14 EST		0	Source: Public
<p>Low pressure tracked northeast of the Mid Atlantic. While most of the forcing was north of the region, easterly flow transported moisture into the region and surface convergence led to storms that produced heavy rainfall, large hail and damaging winds.</p>				
(MD-Z004) FREDERICK, (MD-Z009) MONTGOMERY, (MD-Z010) HOWARD				
	05/09/13 00:55 EST		0	Dense Fog
	05/09/13 07:15 EST		0	
<p>Heavy rain occurred during the day as low pressure moved north of the Mid Atlantic. Low level moisture was in place and breaks in the cloud cover led to fog development overnight.</p>				
HARFORD COUNTY --- 0.3 W VALE [39.53, -76.41]				
	05/11/13 14:37 EST		0	Thunderstorm Wind (EG 52 kt)
	05/11/13 14:37 EST		1K	Source: County Official
<p>There were trees down near intersection of Carrs Mill Road and Wildwood Drive.</p>				
HARFORD COUNTY --- 1.2 NNE BEL AIR [39.55, -76.34]				
	05/11/13 15:48 EST		5K	Thunderstorm Wind (EG 56 kt)
	05/11/13 15:48 EST		1K	Source: Public
<p>There were large trees on a house including a Willow tree.</p>				
HARFORD COUNTY --- 1.3 SSW GLENVILLE [39.58, -76.23]				
	05/11/13 15:57 EST		0	Thunderstorm Wind (EG 74 kt)
	05/11/13 15:57 EST		3K	Source: Trained Spotter
<p>There were at least ten trees down.</p>				
<p>Low pressure and an associated cold front crossed the Mid Atlantic. Ahead of this system, southerly flow transported moisture into the region. Thunderstorm wind damage was the main threat.</p>				
(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z009) MONTGOMERY, (MD-Z010) HOWARD, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY				
	05/14/13 03:15 EST		0	Frost/Freeze
	05/14/13 07:30 EST		0	
<p>High pressure was overhead for the second consecutive day while cool dry air filtered into the region. Clear skies led to radiational cooling overnight for most of the Mid Atlantic.</p>				
WASHINGTON COUNTY --- 1.4 E HANCOCK [39.70, -78.15]				
	05/22/13 16:38 EST		0	Hail (1.00 in)
	05/22/13 16:38 EST		0	Source: Public
WASHINGTON COUNTY --- 1.3 NW MOFFET [39.69, -78.10]				
	05/22/13 17:41 EST		0	Hail (1.00 in)
	05/22/13 17:41 EST		0	Source: Public
FREDERICK COUNTY --- 1.0 N ST ANTHONY [39.69, -77.35]				
	05/22/13 18:25 EST		0	Thunderstorm Wind (EG 56 kt)
	05/22/13 18:25 EST		1K	Source: 911 Call Center
<p>There were six large trees down on Annandale Road.</p>				
<p>High pressure over the Atlantic led to southerly flow to transport warm humid conditions in the Mid Atlantic. A trough axis led to the development of thunderstorms across the west of the Blue Ridge.</p>				
MONTGOMERY COUNTY --- 0.8 SW PURDUM [39.27, -77.24], 0.9 SW PURDUM [39.27, -77.24], 1.0 SW PURDUM [39.27, -77.24], 0.9 SSW PURDUM [39.27, -77.24]				

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	05/23/13 18:15 EST		0	Flash Flood (due to Heavy Rain)
	05/23/13 20:15 EST		0	Source: COOP Observer
Kings Valley road at Kingstead Road were flooded.				
MONTGOMERY COUNTY --- 1.2 E CEDAR GROVE [39.25, -77.21], 1.0 E CEDAR GROVE [39.25, -77.21], 1.0 E CEDAR GROVE [39.25, -77.21], 1.2 E CEDAR GROVE [39.25, -77.21]				
	05/23/13 18:30 EST		0	Flash Flood (due to Heavy Rain)
	05/23/13 20:30 EST		0	Source: Trained Spotter
Loghouse Road was impassable at Magruder Branch.				
HOWARD COUNTY --- 0.4 ENE COOKSVILLE [39.32, -77.01], 0.3 NW COOKSVILLE [39.32, -77.02], 0.2 WSW COOKSVILLE [39.32, -77.02], 0.3 ESE COOKSVILLE [39.32, -77.02]				
	05/23/13 18:43 EST		0	Flash Flood (due to Heavy Rain)
	05/23/13 20:43 EST		0	Source: Department of Highways
MD state route 97 was flooded and closed at the intersection with MD route 144 near Cooksville.				
HOWARD COUNTY --- 0.9 NE HANOVER [39.19, -76.72], 0.9 NE HANOVER [39.19, -76.72], 0.8 NE HANOVER [39.19, -76.72], 0.9 NE HANOVER [39.19, -76.72]				
	05/23/13 19:30 EST		0	Flash Flood (due to Heavy Rain)
	05/23/13 21:30 EST		0	Source: Department of Highways
There was a swift water rescue at Mcendree and Rover Mill Roads.				
MONTGOMERY COUNTY --- 1.0 W LAYTONSVILLE [39.22, -77.17], 1.1 W LAYTONSVILLE [39.22, -77.17], 1.1 W LAYTONSVILLE [39.22, -77.17], 1.0 W LAYTONSVILLE [39.22, -77.17]				
	05/23/13 19:35 EST		0	Flash Flood (due to Heavy Rain)
	05/23/13 21:35 EST		0	Source: Department of Highways
Woodfield road at Churchill Downs Road was closed due to high water.				
A cold front was approaching from the west. Ahead of it temperatures reached their convective temps and wind speeds increased. Thunderstorms formed along a lee trough.				
MONTGOMERY COUNTY --- 0.3 SSW CAPITOL VIEW PARK [39.02, -77.05]				
	05/23/13 21:45 EST		0	Thunderstorm Wind (EG 52 kt)
	05/23/13 21:45 EST		0.25K	Source: 911 Call Center
There was a tree down in the Kensington area.				
CHARLES COUNTY --- 0.6 ENE LA PLATA [38.53, -76.97]				
	05/23/13 22:18 EST		1K	Thunderstorm Wind (EG 52 kt)
	05/23/13 22:18 EST		0.25K	Source: 911 Call Center
A tree limb fell on power lines.				
A cold front was approaching from the west. Ahead of it temperatures reached their convective temps and wind speeds increased. Thunderstorms formed along a lee trough.				
(MD-Z501) EXTREME WESTERN ALLEGANY				
	05/25/13 04:00 EST		0	Frost/Freeze
	05/25/13 07:30 EST		0	
Canadian high pressure moved over the area. Winds diminished overnight and temperatures dropped below freezing.				
PRINCE GEORGE'S COUNTY --- 1.6 S FRIENDLY PG ARPK ARP [38.73, -76.95]				
	05/28/13 18:38 EST		0	Hail (1.00 in)
	05/28/13 18:38 EST		0	Source: Public
PRINCE GEORGE'S COUNTY --- 1.7 SSE CRESTVIEW MANOR [38.71, -76.88]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/28/13 18:40 EST		0	Thunderstorm Wind (EG 52 kt)
	05/28/13 18:40 EST		0.50K	Source: Trained Spotter

There was a tree down near 13200 block of Brandywine Road.

PRINCE GEORGE'S COUNTY --- 1.7 SSE CRESTVIEW MANOR [38.71, -76.89]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/28/13 18:40 EST		0	Thunderstorm Wind (EG 52 kt)
	05/28/13 18:40 EST		0.50K	Source: Trained Spotter

There were two large trees down near 6700 Block of Floral Park Road.

PRINCE GEORGE'S COUNTY --- 0.9 SSW BRANDYWINE [38.69, -76.86]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/28/13 18:41 EST		0	Thunderstorm Wind (EG 52 kt)
	05/28/13 18:41 EST		0.25K	Source: Trained Spotter

There was a tree down on the 8500 block of Timothy Road.

PRINCE GEORGE'S COUNTY --- 1.1 SSW CHELTENHAM [38.72, -76.84]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/28/13 18:45 EST		0	Thunderstorm Wind (EG 52 kt)
	05/28/13 18:45 EST		0.50K	Source: Trained Spotter

There were multiple tree branches about four inches in diameter broken off and on the ground.

PRINCE GEORGE'S COUNTY --- 1.2 NW NORTH KEYS [38.71, -76.79]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/28/13 18:50 EST		0	Thunderstorm Wind (EG 52 kt)
	05/28/13 18:50 EST		0.25K	Source: Public

There was a tree down near the intersection of Cross Road trail and North Keys Road.

PRINCE GEORGE'S COUNTY --- 1.4 W NORTH KEYS [38.70, -76.80]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/28/13 18:50 EST		0	Thunderstorm Wind (EG 52 kt)
	05/28/13 18:50 EST		0.25K	Source: Public

There was a tree down on Molly Berry Road near North Keys.

A shortwave trough moved north of the region. Organized convection developed near the I-95 corridor where instability was the greatest. Scattered showers and thunderstorms produced large hail, heavy rainfall and damaging winds.

VIRGINIA, North

NELSON COUNTY --- 0.9 NE NORWOOD [37.66, -78.82]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/07/13 14:02 EST		0	Hail (1.00 in)
	05/07/13 14:02 EST		0	Source: 911 Call Center

NELSON COUNTY --- 1.4 N NORWOOD [37.67, -78.83]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/07/13 14:06 EST		0	Hail (1.00 in)
	05/07/13 14:06 EST		0	Source: 911 Call Center

Low pressure tracked north of the Mid Atlantic. Easterly flow transported moisture into the region and surface convergence led to storms that produced heavy rainfall, large hail and damaging winds.

NELSON COUNTY --- 0.9 NNW OAK RIDGE [37.71, -78.88], 0.8 N OAK RIDGE [37.71, -78.88], 0.6 N OAK RIDGE [37.71, -78.88], 0.7 NNW OAK RIDGE [37.71, -78.88]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/07/13 14:30 EST		0	Flash Flood (due to Heavy Rain)
	05/07/13 16:30 EST		0	Source: Department of Highways

Oak Ridge Road was washed out near Mayswood Lane.

GREENE COUNTY --- 0.9 N STANDARDSVILLE [38.31, -78.43], 0.7 N STANDARDSVILLE [38.31, -78.43], 0.6 N STANDARDSVILLE [38.31, -78.43], 0.7 NNW STANDARDSVILLE [38.31, -78.43]				
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Storm Data and Unusual Weather Phenomena - May 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/07/13 18:55 EST		0	Flash Flood (due to Heavy Rain)
	05/07/13 20:55 EST		0	Source: Department of Highways

Octonia Road was closed between Madison Road to Pocosan Mountain Road.

Low pressure tracked north of the Mid Atlantic. Easterly flow transported moisture into the region and surface convergence led to storms that produced heavy rainfall, large hail and damaging winds.

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z042) LOUDOUN, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z055) STAFFORD, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER				
	05/08/13 19:55 EST		0	Dense Fog
	05/09/13 09:00 EST		0	

Heavy rain occurred during the day as low pressure moved north of the Mid Atlantic. Low level moisture was in place and breaks in the cloud cover led to fog development overnight.

HIGHLAND COUNTY --- 0.7 WNW MC DOWELL [38.34, -79.49]				
	05/10/13 16:44 EST		0	Hail (1.00 in)
	05/10/13 16:44 EST		0	Source: Public

Mountain Oasis on west side of McDowell reported hail.

CLARKE COUNTY --- 3.2 SSE MILLWOOD [39.03, -78.01]				
	05/10/13 18:20 EST		0	Thunderstorm Wind (EG 52 kt)
	05/10/13 18:20 EST		1K	Source: 911 Call Center

There were large trees blocking Howellsville Road near the 7500 Block.

Low pressure over the Ohio Valley and an associated cold front approached the mountains. Southerly flow transported moisture into the region. Upper level jet dynamics were stronger across the Ohio Valley.

(VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND				
	05/13/13 05:00 EST		0	Frost/Freeze
	05/13/13 07:30 EST		0	

High pressure moved overhead while cool dry air filtered into the region. Clear skies led to radiational cooling overnight for the western slopes of the Allegheny Front.

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z031) CLARKE, (VA-Z042) LOUDOUN, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND				
	05/14/13 02:00 EST		0	Frost/Freeze
	05/14/13 07:30 EST		0	

High pressure was overhead for the second consecutive day while cool dry air filtered into the region. Clear skies led to radiational cooling overnight for most of the Mid Atlantic.

ALBEMARLE COUNTY --- 1.0 NNE IVY [38.06, -78.59]				
	05/16/13 13:59 EST		0	Thunderstorm Wind (EG 52 kt)
	05/16/13 13:59 EST		0.50K	Source: Emergency Manager

There was a tree down near 1000 block of Owensville Road.

A cold front moved southward through the Central Foothills and stalled. A few upper level disturbances moved over this region as well. Thunderstorms developed near this frontal boundary.

AUGUSTA COUNTY --- 2.5 ENE MIDDLEBROOK [38.06, -79.18]				
	05/20/13 16:48 EST		0	Hail (1.00 in)
	05/20/13 16:48 EST		0	Source: Public

AUGUSTA COUNTY --- 2.5 ENE MIDDLEBROOK [38.06, -79.18]				
	05/20/13 16:48 EST		0	Thunderstorm Wind (EG 52 kt)
	05/20/13 16:48 EST		0.50K	Source: Public

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
There were large tree limbs snapped from a Maple Tree.				
A warm front and a upper level disturbance moved through the region where a moist air mass was in place. Greater instability albeit minimal existed in the Central Foothills and thunderstorms did form in this region.				
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AUGUSTA COUNTY --- 1.6 SW MC KINLEY [38.03, -79.32], 1.8 SW MC KINLEY [38.03, -79.32], 1.9 SW MC KINLEY [38.03, -79.32], 1.7 SW MC KINLEY [38.03, -79.32]	05/20/13 17:23 EST		0	Flash Flood (due to Heavy Rain)
	05/20/13 19:23 EST		0	Source: 911 Call Center
A metal culver was washed out at 751 Walker Creek Road.				
A warm front and a upper level disturbance moved through the region where a moist air mass was in place. Greater instability albeit minimal existed in the Central Foothills and thunderstorms did form in this region.				
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FREDERICK COUNTY --- 0.9 NNE GRIMES [39.29, -78.12]	05/22/13 16:38 EST		0	Thunderstorm Wind (EG 52 kt)
	05/22/13 16:38 EST		0.50K	Source: Trained Spotter
There were several four to five inch in diameter tree limbs down.				
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AUGUSTA COUNTY --- 0.9 NNE PIEDMONT [38.23, -78.89]	05/22/13 18:00 EST		0	Thunderstorm Wind (EG 52 kt)
	05/22/13 18:00 EST		1K	Source: Trained Spotter
There were a few trees and large branches down.				
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AUGUSTA COUNTY --- 1.0 N MT MERIDIAN [38.28, -78.87]	05/22/13 18:05 EST		0	Thunderstorm Wind (ES 50 kt)
	05/22/13 18:05 EST		0	Source: AWOS
A measured gust of 58 mph occurred at Staunton Airport.				
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PAGE COUNTY --- 0.9 WSW COMERTOWN [38.49, -78.61]	05/22/13 18:34 EST		0	Thunderstorm Wind (EG 52 kt)
	05/22/13 18:34 EST		0.50K	Source: Public
There was a three foot in diameter tree snapped off about eight inches above the ground.				
High pressure over the Atlantic led to southerly flow to transport warm humid conditions in the Mid Atlantic. A trough axis led to the development of thunderstorms across the west of the Blue Ridge.				
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FREDERICK COUNTY --- 2.0 ENE ROCK ENON SPGS [39.23, -78.37], 1.6 ENE ROCK ENON SPGS [39.23, -78.37], 1.5 ENE ROCK ENON SPGS [39.23, -78.37], 1.9 ENE ROCK ENON SPGS [39.23, -78.37]	05/22/13 16:50 EST		0	Flash Flood (due to Heavy Rain)
	05/22/13 18:50 EST		0	Source: 911 Call Center
Back Creek Road was closed due to water running over the road.				
High pressure over the Atlantic led to southerly flow to transport warm humid conditions in the Mid Atlantic. A trough axis led to the development of thunderstorms across the west of the Blue Ridge.				
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ALBEMARLE COUNTY --- 3.1 SE FARMINGTON [38.01, -78.52]	05/23/13 14:37 EST		0.50K	Thunderstorm Wind (EG 52 kt)
	05/23/13 14:37 EST		0.50K	Source: Emergency Manager
There was a tree down as well as a transformer on fire.				
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SHENANDOAH COUNTY --- 0.9 NE STRASBURG [38.99, -78.36]	05/23/13 15:45 EST		0	Hail (1.00 in)
	05/23/13 15:45 EST		0	Source: Public
A cold front was approaching from the west. Ahead of it temperatures reached their convective temps and wind speeds increased. Thunderstorms formed along a lee trough.				

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(VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND				
	05/25/13 04:00 EST		0	Frost/Freeze
	05/25/13 07:30 EST		0	

Canadian high pressure moved over the area. Winds diminished overnight and temperatures dropped below freezing.

FAIRFAX COUNTY --- 0.6 NNE ILDA [38.84, -77.24]				
	05/28/13 17:39 EST		0	Thunderstorm Wind (EG 52 kt)
	05/28/13 17:39 EST		2K	Source: Emergency Manager

There were large trees down on Little River Turnpike at Woodburn Road.

A shortwave trough moved north of the region. Organized convection developed near the I-95 corridor where instability was the greatest. Scattered showers and thunderstorms produced large hail, heavy rainfall and damaging winds.

WEST VIRGINIA, East

(WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON				
	05/13/13 05:00 EST		0	Frost/Freeze
	05/13/13 07:30 EST		0	

High pressure moved overhead while cool dry air filtered into the region. Clear skies led to radiational cooling overnight for the western slopes of the Allegheny Front.

(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				
	05/14/13 02:00 EST		0	Frost/Freeze
	05/14/13 07:50 EST		0	

High pressure was overhead for the second consecutive day while cool dry air filtered into the region. Clear skies led to radiational cooling overnight for most of the Mid Atlantic.

MINERAL COUNTY --- 0.6 SSE CLAYSVILLE [39.34, -79.07]				
	05/22/13 14:43 EST		0	Thunderstorm Wind (EG 52 kt)
	05/22/13 14:43 EST		0.50K	Source: 911 Call Center

There was a tree down at the intersection of Rt 50 and 93.

MINERAL COUNTY --- 0.5 N KEYSER [39.44, -78.98]				
	05/22/13 14:55 EST		0	Thunderstorm Wind (EG 52 kt)
	05/22/13 14:55 EST		0.50K	Source: 911 Call Center

There was a tree down at the intersection of South Mineral Street and Fort Ave.

MORGAN COUNTY --- 1.1 E BERKELEY SPGS [39.63, -78.21]				
	05/22/13 16:27 EST		0	Hail (1.00 in)
	05/22/13 16:27 EST		0	Source: Public

MORGAN COUNTY --- 0.6 WNW FAIR VIEW [39.66, -78.19]				
	05/22/13 16:30 EST		0	Hail (1.00 in)
	05/22/13 16:30 EST		0	Source: Public

JEFFERSON COUNTY --- 0.5 SW CHARLES TOWN [39.30, -77.86]				
	05/22/13 17:00 EST		1K	Thunderstorm Wind (EG 52 kt)
	05/22/13 17:00 EST		0.50K	Source: 911 Call Center

There was a large tree limb down at East 5th and South Reymann on wires.

Storm Data and Unusual Weather Phenomena - May 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
BERKELEY COUNTY --- 2.6 SSE HEDGESVILLE [39.51, -77.98]				
	05/22/13 17:31 EST		0	Thunderstorm Wind (EG 52 kt)
	05/22/13 17:31 EST		1K	Source: Trained Spotter
A willow tree was uprooted and a large tree broke in half.				
High pressure over the Atlantic led to southerly flow to transport warm humid conditions in the Mid Atlantic. A trough axis led to the development of thunderstorms across the west of the Blue Ridge.				
HAMPSHIRE COUNTY --- 1.8 SE LITTLE CACAPON [39.48, -78.46]				
	05/23/13 16:38 EST		0	Thunderstorm Wind (EG 52 kt)
	05/23/13 16:38 EST		0.50K	Source: Emergency Manager
There was a tree down on the 7100 block of Paw Paw Road.				
MORGAN COUNTY --- BERKELEY SPGS [39.63, -78.23]				
	05/23/13 17:50 EST		0	Thunderstorm Wind (EG 52 kt)
	05/23/13 17:50 EST		0.50K	Source: 911 Call Center
There were two trees down along River Road and Sugar Hollow Road.				
A cold front was approaching from the west. Ahead of it temperatures reached their convective temps and wind speeds increased. Thunderstorms formed along a lee trough.				
(WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON				
	05/25/13 04:00 EST		0	Frost/Freeze
	05/25/13 07:30 EST		0	
Canadian high pressure moved over the area. Winds diminished overnight and temperatures dropped below freezing.				