

Storm Data and Unusual Weather Phenomena - May 2007

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

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY

RNLD REAGAN NATL ARPT	05/12/07 20:24 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	05/12/07 20:29 EST		0	38.87N, 77.07W

An Automated Observation at Ronald Reagan National Airport reported a wind gust of 36 knots.

A cold front pushing across the Mid Atlantic triggered thunderstorms across northern Virginia and central Maryland on the afternoon of May 12th. A thunderstorm that pushed across Washington DC and the northern Tidal Potomac River produced a wind gust of 36 knots.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY

QUANTICO	05/16/07 15:29 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	05/16/07 15:39 EST		0	38.37N, 75.73W

An Automated Observation from Quantico Marine Corps Airfield/Turner Field reported a wind gust of 38 knots.

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY

10.0 W RIVIERA BEACH	05/16/07 15:48 EST		0	Marine Thunderstorm Wind (MG 42 kt)
TOLCHESTER BEACH	05/16/07 16:18 EST		0	39.12N, 76.7063W ~ 39.17N, 76.18W

An Automated Observation from Baltimore/Washington International Thurgood Marshall Airport reported a wind gust of 42 knots. Wind gusts between 29 and 33 knots were reported at Francis Scott Key Bridge and at Tolchester Beach.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY

ANNAPOLIS	05/16/07 16:20 EST		0	Marine Thunderstorm Wind (MG 42 kt)
5.0 SE ANNAPOLIS	05/16/07 16:30 EST		0	38.97N, 76.5W ~ 38.9189N, 76.4343W

The Buoy at Thomas Point, MD., reported a wind gusts of 42 knots. An Automated Observation from the US Naval Academy in Annapolis, MD., reported a wind gust of 33 knots.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY

COVE PT	05/16/07 17:00 EST		0	Marine Thunderstorm Wind (MG 34 kt)
3.0 E PLUM PT	05/16/07 17:06 EST		0	38.38N, 76.4W ~ 38.62N, 76.4645W

A buoy at Cove Point reported a wind gust of 34 knots.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY

PINEY PT	05/16/07 17:06 EST		0	Marine Thunderstorm Wind (EG 34 kt)
LEWISSETTA	05/16/07 18:18 EST		0	38.15N, 76.52W ~ 38N, 76.47W

Buoys at Piney Point, MD., and Lewisetta, VA., reported wind gusts near 34 knots.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY

SOLOMONS ISLAND	05/16/07 17:15 EST		0	Marine Thunderstorm Wind (MG 36 kt)
PATUXENT RIVER NAS	05/16/07 17:20 EST		0	38.32N, 76.45W ~ 38.28N, 76.43W

An Automated Observation from Patuxent River Naval Air Station/Trapnell Field reported a wind gust of 36 knots.

A strong cold front crossing the approaching the region from the north and west triggered thunderstorms during the afternoon of May 16th. Some storms became severe, producing wind gusts over 30 knots along the Tidal Potomac River and Maryland Chesapeake Bay.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY

RNLD REAGAN NATL ARPT	05/27/07 17:31 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	05/27/07 17:36 EST		0	38.87N, 77.07W

An Automated Observation from Ronald Reagan National Airport reported a wind gust of 35 knots.

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY

10.0 W RIVIERA BEACH	05/27/07 18:14 EST		0	Marine Thunderstorm Wind (MG 40 kt)
TOLCHESTER BEACH	05/27/07 18:54 EST		0	39.12N, 76.7063W ~ 39.17N, 76.18W

Several separate automated observations reported wind gusts between 34 and 40 knots between Pooles Island and Sandy Point.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY				
5.0 SE ANNAPOLIS	05/27/07 18:53 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	05/27/07 19:00 EST		0	38.9189N, 76.4343W
A buoy at Thomas Point, MD., reported a wind gust of 40 knots.				
A weak frontal boundary remained draped across the Mid Atlantic for several days at the end of May. Scattered showers and thunderstorms developed in a warm and unstable airmass on May 27th. Some of these storms became severe, producing wind gusts up to 40 knots along the Tidal Potomac River and Maryland Chesapeake Bay.				
DISTRICT OF COLUMBIA				
DISTRICT OF COLUMBIA (DC-Z001)				
	05/06/07 08:00 EST		1K	Strong Wind (MAX 30 kt)
	05/06/07 12:00 EST		0	
A tight pressure gradient associated with a cold front caused gusty winds across Washington DC.				
DISTRICT OF COLUMBIA COUNTY				
NORTHWEST PORTION	05/27/07 17:37 EST		3K	Thunderstorm Wind (EG 50 kt)
NORTHWEST PORTION	05/27/07 17:37 EST		0	38.95N, 77.07W ~ 38.95N, 77.07W
Emergency Management reported several trees down in Upper Northwest Washington DC.				
A weak frontal boundary remained draped across the Mid Atlantic for several days at the end of May. Scattered showers and thunderstorms developed in a warm and unstable airmass on May 27th. Some of these storms became severe, producing damaging winds in Northwest Washington DC.				
MARYLAND, Central				
ST. MARY'S (MD-Z017)				
	05/10/07 04:00 EST		0	Dense Fog
	05/10/07 08:00 EST		0	
A humid airmass and moist flow off the Atlantic allowed dense fog to develop over St. Mary's County in lower southern Maryland. Visibilities fell to one quarter mile or less for several hours before sunrise.				
ALLEGANY COUNTY				
FLINTSTONE	05/10/07 17:20 EST		2K	Thunderstorm Wind (EG 50 kt)
OLDTOWN	05/10/07 17:30 EST		0	39.7N, 78.57W ~ 39.55N, 78.62W
County officials reported trees and power lines down in Flintstone and Oldtown.				
Scattered thunderstorms developed over western Maryland during the afternoon of May 10th. A storm in Allegany County became severe, producing damaging winds that downed trees and power lines.				
WASHINGTON (MD-Z003), FREDERICK (MD-Z004), EXTREME WESTERN ALLEGANY (MD-Z501), CENTRAL AND EASTERN ALLEGANY (MD-Z502)				
	05/11/07 01:00 EST		0	Dense Fog
	05/11/07 10:00 EST		0	
Areas of dense fog developed across central and western Maryland during the early morning hours of May 11th. Visibilities were reduced to one quarter mile or less at times.				
BALTIMORE COUNTY				
FREELAND	05/16/07 13:20 EST		0	Hail (0.88 in)
	05/16/07 13:20 EST		0	39.7N, 76.68W
Emergency Management reported nickel size hail near Freeland, MD.				
HARFORD COUNTY				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
NORRISVILLE	05/16/07 13:30 EST		2K	Thunderstorm Wind (MG 52 kt)
NORRISVILLE	05/16/07 13:35 EST		0	39.7N, 76.53W ~ 39.7N, 76.53W

County Officials reported trees down in Norrisville. A Mesonet site reported a wind gust of 60 mph.

BALTIMORE COUNTY

FREELAND	05/16/07 13:32 EST		10K	Thunderstorm Wind (EG 50 kt)
	05/16/07 13:32 EST		0	39.7N, 76.68W

County officials reported that a tree fell on a trailer on Spooks Fill Road in Freeland, MD.

MONTGOMERY COUNTY

BETHESDA	05/16/07 15:20 EST		5K	Thunderstorm Wind (EG 50 kt)
SILVER SPG	05/16/07 15:35 EST		0	38.97N, 77.12W ~ 39N, 77.05W

Broadcast media reported trees down along River Road in Bethesda. The 911 Center reported several trees down in Silver Spring.

HOWARD COUNTY

COLUMBIA	05/16/07 15:32 EST		1K	Thunderstorm Wind (EG 50 kt)
COLUMBIA	05/16/07 15:32 EST		0	39.23N, 76.85W ~ 39.23N, 76.85W

A Trained Spotter reported a tree down in Columbia, MD.

ANNE ARUNDEL COUNTY

PAROLE	05/16/07 16:10 EST		0	Hail (0.75 in)
	05/16/07 16:10 EST		0	38.98N, 76.53W

A Trained Spotter reported penny size hail in Parole, MD.

CHARLES COUNTY

POTOMAC HGTS	05/16/07 16:10 EST		5K	Thunderstorm Wind (EG 50 kt)
WALDORF	05/16/07 16:10 EST		0	38.62N, 77.13W ~ 38.63N, 76.92W

The 911 Center reported trees down in Waldorf and Potomac Heights.

ANNE ARUNDEL COUNTY

RIVA	05/16/07 16:15 EST		2K	Thunderstorm Wind (EG 50 kt)
RIVA	05/16/07 16:15 EST		0	38.95N, 76.58W ~ 38.95N, 76.58W

Trees were downed in Riva, MD.

CALVERT COUNTY

5.0 N DUNKIRK	05/16/07 16:20 EST		3K	Thunderstorm Wind (EG 50 kt)
DUNKIRK	05/16/07 16:20 EST		0	38.7923N, 76.67W ~ 38.72N, 76.67W

Trees were downed between Lyons Creek and Dunkirk.

A strong cold front approaching the region from the north and west triggered thunderstorms during the afternoon of May 16th. Some storms became severe, downing trees and power lines and producing large hail.

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

	05/19/07 02:00 EST		0	Dense Fog
	05/19/07 08:00 EST		0	

Clear skies, light winds and a moist ground combines to produce areas of dense fog across far western Maryland. Visibilities were reduced to a quarter mile or less at times during the early morning hours of May 19th.

MONTGOMERY COUNTY

OLNEY	05/27/07 17:40 EST		0	Thunderstorm Wind (EG 50 kt)
OLNEY	05/27/07 17:40 EST		0	39.15N, 77.07W ~ 39.15N, 77.07W

Emergency Management reported a tree down near Georgia Avenue and Highway 108 in Olney, MD.

PRINCE GEORGE'S COUNTY

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CAPITOL HGTS	05/27/07 18:00 EST		50K	Thunderstorm Wind (EG 50 kt)
BOWIE	05/27/07 18:10 EST		0	38.87N, 76.92W ~ 39N, 76.78W

Emergency Management reported power lines down on Larchmont Avenue in Capitol Heights. The National Park Service reported between 200 and 300 trees down in Bowie. Some trees fell on power lines.

CARROLL COUNTY

3.0 N WESTMINSTER	05/27/07 18:11 EST		0	Thunderstorm Wind (EG 50 kt)
	05/27/07 18:11 EST		0	39.6234N, 77W

Emergency management reported a tree down near Route 97 and Stone Road north of Westminster, MD.

ANNE ARUNDEL COUNTY

LINTHICUM HGTS	05/27/07 18:20 EST		2K	Thunderstorm Wind (EG 50 kt)
	05/27/07 18:20 EST		0	39.2N, 76.67W

Emergency Management reported two trees down on power lines in Linthicum, MD.

BALTIMORE COUNTY

4.0 N BUTLER	05/27/07 18:20 EST		0	Thunderstorm Wind (EG 50 kt)
	05/27/07 18:20 EST		0	39.5878N, 76.73W

Emergency Management reported a tree down near the intersection of Falls Road and Mt. Carmel Road north of Butler, MD.

HARFORD COUNTY

JARRETTSVILLE	05/27/07 18:55 EST		3K	Thunderstorm Wind (EG 50 kt)
JARRETTSVILLE	05/27/07 18:55 EST		0	39.6N, 76.48W ~ 39.6N, 76.48W

Power lines were downed in Jarrettsville, MD.

A weak frontal boundary remained draped across the Mid Atlantic for several days at the end of May. Scattered showers and thunderstorms developed in a warm and unstable airmass on May 27th. Some of these storms became severe, producing damaging winds across northern and central Maryland.

VIRGINIA, North

STAUNTON (C) COUNTY

STAUNTON	05/02/07 13:06 EST		0	Thunderstorm Wind (MG 53 kt)
STAUNTON	05/02/07 13:06 EST		0	38.15N, 79.07W ~ 38.15N, 79.07W

Broadcast media from Charlottesville, VA., relayed a report of a 61 mph (53 knot) wind gust. The observation was taken at Shelborne Middle School, located in the western portion of the city.

SPOTSYLVANIA COUNTY

1.0 SE PARTLOW	05/02/07 14:15 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	05/02/07 14:15 EST		0	38.0198N, 77.617W

A large tree was downed southeast of Partlow.

CULPEPER COUNTY

CULPEPER	05/02/07 14:45 EST		0	Hail (0.75 in)
CULPEPER	05/02/07 15:00 EST		0	38.48N, 78W ~ 38.48N, 78W

A Trained Spotter reported penny sized hail for 15 minutes in Culpeper, VA.

A cold front moving south from Pennsylvania triggered showers and thunderstorms across central Virginia. Some of these storms became severe, with damaging winds and large hail.

SHENANDOAH (VA-Z027), PAGE (VA-Z029)

	05/07/07 04:00 EST		0	Frost/Freeze
	05/07/07 08:00 EST		0	

Unseasonably colder air moved across portions of the Shenandoah Valley of Virginia on May 7th and 8th. The combination of dry low

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
levels, light winds and clear skies allows morning low temperatures to reach into the upper 20s and lower 30s.				
HIGHLAND (VA-Z021), AUGUSTA / STAUNTON / WAYNESBORO (VA-Z025), ROCKINGHAM / HARRISONBURG (VA-Z026), SHENANDOAH (VA-Z027), FREDERICK / WINCHESTER (VA-Z028), PAGE (VA-Z029), WARREN (VA-Z030), CLARKE (VA-Z031), GREENE (VA-Z038), MADISON (VA-Z039), RAPPAHANNOCK (VA-Z040), FAUQUIER (VA-Z041), LOUDOUN (VA-Z042), CULPEPER (VA-Z051)				
	05/11/07 01:00 EST		0	Dense Fog
	05/11/07 10:00 EST		0	
Areas of dense fog developed across the Shenandoah Valley and Potomac Highlands as well as portions of northern Virginia during the early morning hours of May 11th. Visibilities were reduced to one quarter mile or less at times.				
FAUQUIER COUNTY				
OPAL	05/16/07 14:35 EST		7K	Thunderstorm Wind (EG 50 kt)
	05/16/07 14:35 EST		0	38.62N, 77.8W
Emergency management reported trees and power lines down in Opal, VA.				
FAIRFAX (C) COUNTY				
FAIRFAX	05/16/07 15:05 EST		1K	Thunderstorm Wind (EG 50 kt)
	05/16/07 15:05 EST		0	38.85N, 77.3W
Law Enforcement reported a tree down in the City of Fairfax.				
A strong cold front approaching the region from the north and west triggered thunderstorms during the afternoon of May 16th. Some storms became severe in northern Virginia, with strong winds downing trees and power lines.				
AUGUSTA / STAUNTON / WAYNESBORO (VA-Z025), ROCKINGHAM / HARRISONBURG (VA-Z026)				
	05/19/07 03:00 EST		0	Dense Fog
	05/19/07 09:00 EST		0	
Clear skies, light winds and a moist ground combines to produce areas of dense fog across the Shenandoah Valley and Potomac Highlands of Virginia. Visibilities were reduced to a quarter mile or less at times during the early morning hours of May 19th.				
MADISON COUNTY				
2.0 SW MADISON	05/26/07 16:39 EST		2K	Thunderstorm Wind (EG 50 kt)
	05/26/07 16:39 EST		0	38.3596N, 78.2961W
Law Enforcement reported trees down on Route 230 just outside Madison, VA.				
ORANGE COUNTY				
LAHORE	05/26/07 17:45 EST		1K	Thunderstorm Wind (EG 50 kt)
	05/26/07 17:45 EST		0	38.2N, 77.97W
Law Enforcement reported a tree down on Lahore Road in Lahore, VA.				
ORANGE COUNTY				
ORANGE	05/26/07 17:45 EST		0	Hail (0.88 in)
3.0 SW UNIONVILLE	05/26/07 17:45 EST		0	38.25N, 78.12W ~ 38.2393N, 78.0091W
A Trained Spotter reported penny and nickel size hail southwest of Unionville. Penny size hail was reported at the Orange County Sheriff's Office in Orange, VA.				
SPOTSYLVANIA COUNTY				
3.0 W HOLLADAY	05/26/07 18:20 EST		0	Thunderstorm Wind (EG 50 kt)
	05/26/07 18:20 EST		0	38.12N, 77.9251W
Law Enforcement reported a large oak tree down across Monrovia Road west of Holladay, VA.				
A stalled cold front over central Virginia triggered thunderstorms over the Central Foothills of Virginia. Some of these storms became severe, producing damaging winds and large hail.				
CHARLOTTESVILLE (C) COUNTY				
CHARLOTTESVILLE	05/27/07 13:50 EST		5K	Thunderstorm Wind (EG 50 kt)
	05/27/07 13:50 EST		0	38.03N, 78.5W

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Emergency Management reported trees down on power lines and power lines downed in the City of Charlottesville.				
ROCKINGHAM COUNTY				
2.0 NW BROADWAY	05/27/07 14:15 EST		0	Thunderstorm Wind (EG 50 kt)
	05/27/07 14:15 EST		0	38.6404N, 78.8262W
A tree was downed on Route 259 northwest of Broadway, VA.				
SHENANDOAH COUNTY				
1.0 W MT JACKSON	05/27/07 14:47 EST		0	Thunderstorm Wind (EG 50 kt)
	05/27/07 14:47 EST		0	38.75N, 78.6685W
A tree was downed on Mount Jackson Road between South Middle Road and Tisinger Road west of Mount Jackson, VA.				
PAGE COUNTY				
PINE GROVE	05/27/07 15:26 EST		3K	Thunderstorm Wind (EG 50 kt)
	05/27/07 15:26 EST		0	38.53N, 78.48W
Emergency Management reported several trees down in Pine Grove, VA.				
PAGE COUNTY				
PINE GROVE	05/27/07 15:39 EST		0	Hail (0.75 in)
	05/27/07 15:39 EST		0	38.53N, 78.48W
Penny size hail was reported in Pine Grove, VA.				
RAPPAHANNOCK COUNTY				
WOODVILLE	05/27/07 15:45 EST		0	Thunderstorm Wind (EG 50 kt)
	05/27/07 15:45 EST		0	38.6N, 78.18W
A tree was downed at Route 620 and Five Forks Road in Woodville, VA.				
WARREN COUNTY				
FRONT ROYAL	05/27/07 15:52 EST		5K	Thunderstorm Wind (EG 50 kt)
	05/27/07 15:52 EST		0	38.92N, 78.18W
Law Enforcement reported a large limb on a transformer, downing power lines in Front Royal, VA.				
FAUQUIER COUNTY				
WARRENTON	05/27/07 16:10 EST		0	Hail (0.88 in)
WARRENTON	05/27/07 16:10 EST		0	38.72N, 77.78W ~ 38.72N, 77.78W
A Trained Spotter reported nickel size hail in Warrenton, VA.				
CLARKE COUNTY				
BERRYVILLE	05/27/07 16:24 EST		0	Hail (0.75 in)
BERRYVILLE	05/27/07 16:24 EST		0	39.15N, 77.97W ~ 39.15N, 77.97W
An NWS Employee reported penny size hail in Berryville, VA.				
PRINCE WILLIAM COUNTY				
HAYMARKET	05/27/07 16:38 EST		0	Thunderstorm Wind (EG 50 kt)
HAYMARKET	05/27/07 16:38 EST		0	38.82N, 77.63W ~ 38.82N, 77.63W
Emergency Management reported a tree down near James Madison Highway and Haymarket Drive.				
LOUDOUN COUNTY				
ASHBURN	05/27/07 17:05 EST		3K	Thunderstorm Wind (EG 50 kt)
ASHBURN	05/27/07 17:05 EST		0	39.05N, 77.48W ~ 39.05N, 77.48W
Power lines were downed in Ashburn, VA.				
FAIRFAX COUNTY				

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MC LEAN	05/27/07 17:20 EST		3K	Thunderstorm Wind (EG 50 kt)
TYSONS CORNER	05/27/07 17:20 EST		0	38.93N, 77.17W ~ 38.92N, 77.23W

Several trees were downed between McLean and Tysons Corner.

ARLINGTON COUNTY

ARLINGTON	05/27/07 17:32 EST		2K	Thunderstorm Wind (EG 50 kt)
ARLINGTON	05/27/07 17:32 EST		0	38.88N, 77.13W ~ 38.88N, 77.13W

Emergency Management reported trees down in Arlington, VA.

A weak frontal boundary remained draped across the Mid Atlantic for several days at the end of May. Scattered showers and thunderstorms developed in a warm and unstable airmass on May 27th. Some of these storms became severe, producing damaging winds and large hail across northern and central Virginia.

ROCKINGHAM COUNTY

4.0 SSW ELKTON	05/28/07 14:35 EST		0	Thunderstorm Wind (MG 52 kt)
	05/28/07 14:35 EST		0	38.3666N, 78.6482W

A Trained Spotter measured a wind gust of 60 MPH with tree limbs down south of Elkton, VA.

ROCKINGHAM COUNTY

5.0 SW ELKTON	05/28/07 14:39 EST		0	Hail (1.00 in)
	05/28/07 14:39 EST		0	38.3689N, 78.6852W

A Trained Spotter reported quarter size hail southwest of Elkton, VA.

ORANGE COUNTY

GORDONSVILLE	05/28/07 14:56 EST		1K	Thunderstorm Wind (EG 50 kt)
GORDONSVILLE	05/28/07 14:56 EST		0	38.15N, 78.18W ~ 38.15N, 78.18W

A Trained Spotter reported a tree down over the railroad track on Route 690 in Gordonsville, VA.

MADISON COUNTY

MADISON	05/28/07 15:13 EST		0	Thunderstorm Wind (EG 50 kt)
MADISON	05/28/07 15:13 EST		0	38.38N, 78.27W ~ 38.38N, 78.27W

The Sheriff's Office reported a tree down just outside Madison, VA.

NELSON COUNTY

LOVINGSTON	05/28/07 15:52 EST		0	Hail (0.75 in)
	05/28/07 15:52 EST		0	37.77N, 78.88W

Law Enforcement reported penny size hail in Lovingson, VA.

ALBEMARLE COUNTY

2.0 S GREENWOOD	05/28/07 16:30 EST		3K	Thunderstorm Wind (EG 50 kt)
BATESVILLE	05/28/07 16:42 EST		0	38.0211N, 78.77W ~ 38N, 78.73W

County Officials reported several trees down between Greenwood and Batesville in Albemarle County.

A cold front pushed south from Pennsylvania into Virginia during the evening of May 28th. A warm and unstable airmass ahead of the front allowed thunderstorms to develop across central Virginia during the afternoon. Some of these storms became severe, producing damaging winds and large hail.

HIGHLAND COUNTY

BLUE GRASS	05/31/07 13:00 EST		0	Thunderstorm Wind (EG 50 kt)
	05/31/07 13:00 EST		0	38.5N, 79.55W

Emergency Management reported a tree down along Route 642 in Blue Grass, VA.

ROCKINGHAM COUNTY

DAYTON	05/31/07 14:50 EST		0	Thunderstorm Wind (EG 50 kt)
DAYTON	05/31/07 14:50 EST		0	38.42N, 78.93W ~ 38.42N, 78.93W

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Emergency Management reported a tree down in Dayton, VA.

A very warm and unstable airmass over the Shenandoah Valley of Virginia proved conducive for thunderstorms to develop during the afternoon of May 31st. Some of these storms became severe, producing damaging winds across Highland and Rockingham Counties.

WEST VIRGINIA, East

PENDLETON (WV-Z054), HARDY (WV-Z055), WESTERN GRANT (WV-Z501), EASTERN GRANT (WV-Z502), WESTERN MINERAL (WV-Z503), EASTERN MINERAL (WV-Z504)

05/07/07 04:00 EST	0	Frost/Freeze
05/07/07 09:00 EST	0	

Unseasonably colder air moved across the Potomac Highlands of West Virginia on May 7th and 8th. The combination of dry low levels, light winds and clear skies allows morning low temperatures to reach into the upper 20s and lower 30s.

HAMPSHIRE (WV-Z050), MORGAN (WV-Z051), BERKELEY (WV-Z052), JEFFERSON (WV-Z053), PENDLETON (WV-Z054), HARDY (WV-Z055), WESTERN GRANT (WV-Z501), EASTERN GRANT (WV-Z502), WESTERN MINERAL (WV-Z503), EASTERN MINERAL (WV-Z504)

05/11/07 01:00 EST	0	Dense Fog
05/11/07 10:00 EST	0	

Areas of dense fog developed across the eastern Pan Handle of West Virginia during the early morning hours of May 11th. Visibilities were reduced to one quarter mile or less at times.

WESTERN GRANT (WV-Z501)

05/14/07 04:00 EST	0	Frost/Freeze
05/14/07 09:00 EST	0	

Cool dry Canadian high pressure built over the Mid Atlantic on May 13th and 14th. The combination of clear skies and light winds allowed temperatures in western Grant County to fall below freezing and frost to form by the morning of the 14th.

HAMPSHIRE (WV-Z050), PENDLETON (WV-Z054), HARDY (WV-Z055), WESTERN GRANT (WV-Z501), EASTERN GRANT (WV-Z502), WESTERN MINERAL (WV-Z503), EASTERN MINERAL (WV-Z504)

05/19/07 02:00 EST	0	Dense Fog
05/19/07 08:00 EST	0	

Clear skies, light winds and a moist ground combined to produce areas of dense fog across the Potomac Highlands of West Virginia. Visibilities were reduced to a quarter mile or less at times during the early morning hours of May 19th.

JEFFERSON COUNTY

CHARLES TOWN	05/27/07 16:45 EST	1K	Thunderstorm Wind (EG 50 kt)
CHARLES TOWN	05/27/07 16:45 EST	0	39.3N, 77.85W ~ 39.3N, 77.85W

County Officials reported trees down on Summit Point Road in Charles Town, WV.

A weak frontal boundary remained draped across the Mid Atlantic for several days at the end of May. Scattered showers and thunderstorms developed in a warm and unstable airmass on May 27th. Some of these storms became severe, producing damaging winds in Jefferson County.