

Storm Data and Unusual Weather Phenomena - July 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ATLANTIC NORTH				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.2 W POTOMAC LIGHT [38.34, -76.99]				
	07/04/08 17:27 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	07/04/08 17:27 EST	0		Source: Mesonet
An automated observation at Potomac Light measured a wind gust of 39 knots.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.3 N CUCKOLD CREEK [38.31, -76.93]				
	07/04/08 17:35 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/04/08 17:35 EST	0		Source: Mesonet
An automated observation at Cuckold Creek reported a wind gust in excess of 30 knots.				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.2 WNW POINT LOOKOUT [38.04, -76.32]				
	07/04/08 18:33 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	07/04/08 18:33 EST	0		Source: Mesonet
An automated observation at Point Lookout measured a wind gust of 37 knots.				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- CAMBRIDGE [38.57, -76.07]				
	07/04/08 18:54 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/04/08 18:54 EST	0		Source: Buoy
A buoy at Cambridge reported a wind gust in excess of 30 knots.				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.1 NE BISHOPS HEAD [38.22, -76.04]				
	07/04/08 18:56 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/04/08 18:56 EST	0		Source: Mesonet
An automated observation at Bishops Head measured a wind gust of 35 knots.				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 2.9 SW SMITH ISLAND [37.98, -76.04]				
	07/04/08 18:57 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/04/08 18:57 EST	0		Source: Mesonet
An automated observation at Smith Island reported a wind gust in excess of 30 knots.				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.1 ESE RACCOON POINT [38.14, -75.79]				
	07/04/08 19:20 EST	0		Marine Thunderstorm Wind (MG 42 kt)
	07/04/08 19:20 EST	0		Source: Mesonet
An automated observation at Raccoon Point measured a wind gust of 42 knots.				
<p>An upper level disturbance moved through the Mid Atlantic during the afternoon and evening of July 4th. This system combined with a weak surface front and heat and humidity to produce scattered showers and thunderstorms during the late afternoon hours. Some of these storms became severe, producing gusty winds over the Tidal Potomac River and Maryland Chesapeake Bay.</p>				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.2 WNW POINT LOOKOUT [38.04, -76.32]				
	07/08/08 15:37 EST	0		Marine Thunderstorm Wind (MG 42 kt)
	07/08/08 15:44 EST	0		Source: Mesonet
An automated observation at Point Lookout measured a wind gust of 42 knots.				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 2.9 SW SMITH ISLAND [37.98, -76.04]				
	07/08/08 15:50 EST	0		Marine Thunderstorm Wind (MG 46 kt)
	07/08/08 16:06 EST	0		Source: Mesonet
An automated observation at Smith Island measured a wind gust of 46 knots.				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.3 SSE CRISFIELD [37.97, -75.88]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/08/08 15:56 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	07/08/08 15:56 EST		0	Source: Mesonet

An automated observation at Crisfield measured a wind gust of 38 knots.

An upper level low pressure system combined with heat and humidity to produce showers and thunderstorms during the afternoon. Some storms produced wind gusts in excess of 30 knots over the Tidal Potomac River and Maryland Chesapeake Bay.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.2 NE RONALD REAGAN NATL ARPT [38.85, -77.04]				
	07/22/08 09:16 EST		0	Marine Thunderstorm Wind (MG 44 kt)
	07/22/08 09:32 EST		0	Source: ASOS

An automated observation at Reagan National Airport measured a wind gust of 44 knots.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.3 NNE MASON NECK [38.64, -77.20]				
	07/22/08 09:19 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	07/22/08 09:19 EST		0	Source: Mesonet

An automated observation at Mason Neck measured a wind gust of 38 knots.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 2.1 NE RONALD REAGAN NATL ARPT [38.87, -77.01]				
	07/22/08 09:29 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/22/08 09:29 EST		0	Source: Mesonet

An automated observation at Washington Nationals Park measured a wind gust of 37 knots.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.2 SSW CHESAPEAKE BIOLOGICAL LABORATORY [38.32, -76.45]				
	07/22/08 10:30 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/22/08 10:30 EST		0	Source: Buoy

A buoy at Solomons Island reported a wind gust in excess of 30 knots.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- COVE POINT [38.43, -76.39]				
	07/22/08 10:30 EST		0	Marine Thunderstorm Wind (MG 43 kt)
	07/22/08 10:30 EST		0	Source: Buoy

A buoy at Cove Point measured a wind gust of 43 knots.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT [38.13, -76.53]				
	07/22/08 10:36 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	07/22/08 10:36 EST		0	Source: Buoy

A buoy at Piney Point measured a wind gust of 40 knots.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.1 NE BISHOPS HEAD [38.22, -76.04]				
	07/22/08 10:59 EST		0	Marine Thunderstorm Wind (MG 49 kt)
	07/22/08 10:59 EST		0	Source: Mesonet

An automated observation at Bishops Head measured a wind gust of 49 knots.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 2.9 SW SMITH ISLAND [37.98, -76.04]				
	07/22/08 11:11 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	07/22/08 11:17 EST		0	Source: Mesonet

An automated observation at Smith Island measured a wind gust of 38 knots.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.1 ESE RACCOON POINT [38.14, -75.79]				
	07/22/08 11:19 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/22/08 11:27 EST		0	Source: Mesonet

An automated observation at Raccoon Point measured a wind gust of 35 knots.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.3 SSE CRISFIELD [37.97, -75.88]				
	07/22/08 11:20 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	07/22/08 11:20 EST		0	Source: Mesonet
An automated observation at Crisfield measured a wind gust of 39 knots.				
An upper level disturbance moved across the Ohio Valley into the Mid Atlantic during the early morning hours of July 22nd. Showers and thunderstorms developed along the leading edge of this system and moved across the Tidal Potomac River and Maryland Chesapeake Bay. Wind gusts of 35 to nearly 50 knots were reported.				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 0.2 NNW MILLERS ISLAND [39.25, -76.37]				
	07/22/08 22:22 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	07/22/08 22:22 EST		0	Source: Mesonet
An automated observation at Hart/Miller Island measured a wind gust of 39 knots.				
A strong cold front combined with an upper level disturbance during the afternoon and evening hours of July 22nd. Cold air aloft combined with warm and humid air at the surface allowed for scattered to numerous showers and thunderstorms to develop across northern Virginia and lower southern Maryland. One storm produced a wind gust near 40 knots on the Chesapeake Bay.				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.3 SSE CRISFIELD [37.97, -75.88]				
	07/23/08 15:58 EST		0	Marine Thunderstorm Wind (MG 49 kt)
	07/23/08 16:03 EST		0	Source: Mesonet
An automated observation at Crisfield measured a wind gust of 49 knots.				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.1 NE BISHOPS HEAD [38.22, -76.04]				
	07/23/08 16:20 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/23/08 16:41 EST		0	Source: Mesonet
An automated observation at Bishops Head measured a wind gust of 37 knots.				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.2 SSW CHESAPEAKE BIOLOGICAL LABORATORY [38.32, -76.45]				
	07/23/08 17:06 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/23/08 17:42 EST		0	Source: Buoy
A buoy at Solomons Island measured a wind gust of 35 knots.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.3 SSE ST INIGOES [38.15, -76.43]				
	07/23/08 17:08 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	07/23/08 17:14 EST		0	Source: Mesonet
An automated observation at St. Inigoes measured a wind gust of 38 knots.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.3 N CUCKOLD CREEK [38.31, -76.93]				
	07/23/08 18:23 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/23/08 18:23 EST		0	Source: Mesonet
An automated observation at Cuckold Creek reported a wind gust in excess of 30 knots.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.2 W POTOMAC LIGHT [38.34, -76.99]				
	07/23/08 18:37 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/23/08 18:37 EST		0	Source: Mesonet
An automated observation at Potomac Light measured a wind gust of 34 knots.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.3 WSW KENT ISLAND [38.92, -76.36]				
	07/23/08 18:48 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/23/08 19:14 EST		0	Source: Mesonet
An automated observation at Kent Island reported a wind gust in excess of 30 knots.				

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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 --- THOMAS POINT LIGHT [38.90, -76.44]				
	07/23/08 18:59 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/23/08 18:59 EST		0	Source: Buoy
A buoy at Thomas Point measured a wind gust of 34 knots.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.4 NE QUANTICO [38.50, -77.31]				
	07/23/08 19:12 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	07/23/08 19:21 EST		0	Source: ASOS
An automated observation at Quantico measured a wind gust of 38 knots.				
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.2 NE RONALD REAGAN NATL ARPT [38.85, -77.04]				
	07/23/08 19:53 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	07/23/08 19:59 EST		0	Source: ASOS
An automated observation at Reagan National Airport measured a wind gust of 38 knots.				
A slow moving cold front moved towards the Mid Atlantic Coast on July 23rd. This front provided the focus for scattered to numerous showers and thunderstorms to develop during the afternoon and evening hours. Some storms became severe and produced wind gusts of 30 to 50 knots over the Tidal Potomac River and Maryland Chesapeake Bay.				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 4.3 NNW RIVIERA BEACH [39.22, -76.53]				
	07/27/08 12:00 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/27/08 12:00 EST		0	Source: Buoy
The buoy at Baltimore Key Bridge measured a wind gust of 34 knots.				
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.4 S FORT BELVOIR [38.72, -77.18]				
	07/27/08 12:53 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/27/08 12:53 EST		0	Source: AWOS
An automated observation at Fort Belvoir measured a wind gust of 34 knots.				
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.2 NE RONALD REAGAN NATL ARPT [38.85, -77.04]				
	07/27/08 13:07 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/27/08 13:12 EST		0	Source: ASOS
An automated observation at Reagan National Airport measured a wind gust of 37 knots.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.4 NE QUANTICO [38.50, -77.31]				
	07/27/08 13:20 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	07/27/08 13:20 EST		0	Source: ASOS
An automated observation at Quantico measured a wind gust of 41 knots.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 10.7 W DAHLGREN [38.33, -77.25]				
	07/27/08 13:35 EST		50K	Marine Thunderstorm Wind (EG 40 kt)
	07/27/08 13:35 EST	3	0	Source: Emergency Manager
Boats off Fairview Beach were hit by an estimated 40 knot wind gust and waves near 4 feet. Several boats were damaged when they were pushed into rocks. Several people were rescued from the water, with 3 minor injuries reported.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.3 N CUCKOLD CREEK [38.31, -76.93]				
	07/27/08 13:55 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	07/27/08 13:55 EST		0	Source: Mesonet
An automated observation at Cuckold Creek measured a wind gust of 41 knots.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.4 SE LEWISSETTA [37.99, -76.47]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/27/08 15:06 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/27/08 15:30 EST		0	Source: Buoy

A buoy at Lewisetta measured a wind gust of 37 knots.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.2 WNW POINT LOOKOUT [38.04, -76.32]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/27/08 15:10 EST		0	Marine Thunderstorm Wind (MG 43 kt)
	07/27/08 15:10 EST		0	Source: Mesonet

An automated observation at Point Lookout measured a wind gust of 43 knots.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.1 NE BISHOPS HEAD [38.22, -76.04]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/27/08 15:48 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/27/08 16:12 EST		0	Source: Mesonet

An automated observation at Bishops Head measured a wind gust of 34 knots.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.3 SSE CRISFIELD [37.97, -75.88]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/27/08 15:55 EST		0	Marine Thunderstorm Wind (MG 57 kt)
	07/27/08 16:18 EST		0	Source: Mesonet

An automated observation at Crisfield measured a wind gust of 57 knots.

A cold front approached the region on July 27th as a strong upper level low pressure system remained over the northeast. Warm and humid air at the surface interacted with cooler air aloft to produce scattered to numerous showers and thunderstorms during the afternoon hours. Many of the storms became severe, producing wind gusts of 30 to nearly 60 knots over the Tidal Potomac River and Maryland Chesapeake Bay. One storm moved over Fairview Beach during an afternoon festival. Boats near the beach were hit by 4 foot waves, with several people being rescued from the water. Only minor injuries were reported.

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 0.4 SW MARTIN STATE AIRPORT [39.33, -76.41]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/30/08 16:45 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/30/08 16:46 EST		0	Source: AWOS

An automated observation at Martin State Airport reported a wind gust in excess of 30 knots.

A warm front moved north through the Mid Atlantic on the morning of July 30th, bringing increased heat and humidity to the region. An upper level disturbance then moved through the region during the afternoon. This helped to trigger isolated showers and thunderstorms during the late afternoon and evening. A storm moving over the northern Chesapeake Bay produced winds in excess of 30 knots.

DISTRICT OF COLUMBIA

DISTRICT OF COLUMBIA COUNTY --- 1.3 WSW GEORGETOWN [38.91, -77.07]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/23/08 19:40 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/23/08 19:40 EST		0	Source: Broadcast Media

Local broadcast media reported a tree down at the intersection of S Street and 37th Street NW.

DISTRICT OF COLUMBIA COUNTY --- 0.9 SSE TENLEYTOWN [38.94, -77.06], 1.4 SW WALTER REED [38.96, -77.05], 0.5 SSW NATIONAL ARBORETUM [38.91, -76.97], 1.8 SW NATIONAL ARBORETUM [38.90, -76.99]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/23/08 20:00 EST		0	Flash Flood (due to Heavy Rain)
	07/23/08 22:00 EST		0	Source: Broadcast Media

Local broadcast media reported a water rescue at Mount Olivet Road and West Virginia Ave. Portion of Beach Drive was closed due to a mudslide.

DISTRICT OF COLUMBIA COUNTY --- 1.4 ENE US CAPITOL [38.88, -76.99]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/23/08 20:28 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/23/08 20:28 EST		0	Source: Broadcast Media

Washington DC Emergency Management reported a tree down on South Carolina Ave.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A slow moving cold front moved towards the Mid Atlantic Coast on July 23rd. This front provided the focus for scattered to numerous showers and thunderstorms to develop during the afternoon and evening hours. With high amounts of moisture in place, some storms produced heavy rainfall. Storms also moved repeatedly over the same areas. This allowed flash flooding to occur. Local broadcast media reported road closures, a water rescue and a mudslide. One storm that moved over the metro produced gusty winds that downed trees.

MARYLAND, Central

CHARLES COUNTY --- MASON SPGS [38.58, -77.12]

07/04/08 17:20 EST			2K	Thunderstorm Wind (EG 50 kt)
07/04/08 17:20 EST			0	Source: Emergency Manager

Charles County Emergency Management reported trees down in Mason Springs.

CALVERT COUNTY --- 1.6 SSW BUENA VISTA [38.51, -76.66], 1.6 SSW BUENA VISTA [38.51, -76.66]

07/04/08 17:49 EST			50K	Thunderstorm Wind (EG 50 kt)
07/04/08 17:51 EST			0	Source: Emergency Manager

Calvert County Emergency Management reported that a roof of a trailer was blown off west of Prince Frederick. Another trailer collapsed on Hallowing Lane.

CALVERT COUNTY --- 1.3 ESE BARSTOW [38.52, -76.60]

07/04/08 17:56 EST			0	Hail (0.75 in)
07/04/08 17:56 EST			0	Source: Public

Penny-size hail was reported near Prince Frederick.

CALVERT COUNTY --- 0.7 N ST LEONARD [38.48, -76.50]

07/04/08 18:08 EST			10K	Thunderstorm Wind (EG 50 kt)
07/04/08 18:08 EST			0	Source: Law Enforcement

Calvert County Law Enforcement reported a tree down on a house in the Western Shores area of St. Leonard.

CALVERT COUNTY --- 1.1 W LUSBY [38.42, -76.47]

07/04/08 18:12 EST			10K	Thunderstorm Wind (EG 50 kt)
07/04/08 18:12 EST			0	Source: Emergency Manager

Calvert County Emergency Management reported trees down in Lusby.

CALVERT COUNTY --- 0.9 NNW PORT REPUBLIC [38.51, -76.53]

07/04/08 18:25 EST			20K	Lightning
07/04/08 18:25 EST			0	Source: Newspaper

A local newspaper reported that lightning sparked an attic fire on Parkers Creek Road in Port Republic.

An upper level disturbance moved through the Mid Atlantic during the afternoon and evening of July 4th. This system combined with a weak surface front and heat and humidity to produce scattered showers and thunderstorms during the late afternoon hours. Some of these storms became severe, producing damaging winds and large hail in Calvert County. Lightning was also responsible for several fires in Calvert County.

ALLEGANY COUNTY --- MT SAVAGE [39.70, -78.88]

07/20/08 16:15 EST			1K	Thunderstorm Wind (EG 50 kt)
07/20/08 16:15 EST			0	Source: Emergency Manager

Allegany County Emergency Management reported a tree down near Mount Savage.

ALLEGANY COUNTY --- 1.2 NE ALLEGANY [39.68, -78.89]

07/20/08 16:22 EST			1K	Thunderstorm Wind (EG 50 kt)
07/20/08 16:22 EST			0	Source: Emergency Manager

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Allegany County Emergency Management reported a tree down on Slabtown Road in Frostburg.				
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ALLEGANY COUNTY --- 0.7 ENE FROSTBURG [39.65, -78.92], 0.7 ENE FROSTBURG [39.65, -78.92]	07/20/08 16:34 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/20/08 16:34 EST		0	Source: Emergency Manager
Allegany County Emergency Management reported trees down along Williams Road.				
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FREDERICK COUNTY --- 1.6 SSE YELLOW SPGS [39.46, -77.46]	07/20/08 18:42 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/20/08 18:42 EST		0	Source: Law Enforcement
Frederick County Law Enforcement reported trees on wires on Rocky Springs Road and Edgewood Church Road.				
A weak surface trough developed over the Mid Atlantic on July 20th. This trough combined with heat and humidity allowed isolated to scattered showers and thunderstorms to form across western Maryland. Some storms became severe, downing trees and power lines in Allegany and Frederick counties.				
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ALLEGANY COUNTY --- 0.3 ENE CUMBERLAND [39.65, -78.77]	07/21/08 21:30 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/21/08 21:30 EST		0	Source: Emergency Manager
Allegany County Emergency Management reported a tree down near the intersection of Fayette Street and Cumberland Street.				
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ALLEGANY COUNTY --- 0.9 SE CUMBERLAND [39.64, -78.76]	07/21/08 21:33 EST		4K	Thunderstorm Wind (EG 50 kt)
	07/21/08 21:33 EST		0	Source: Emergency Manager
Allegany County Emergency Management reported trees down off Route 220 south of Cumberland.				
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ALLEGANY COUNTY --- 1.8 NE WOLFE MILL [39.69, -78.71]	07/21/08 21:36 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/21/08 21:36 EST		0	Source: Emergency Manager
Allegany County Emergency Management reported a tree down on Mason Road.				
An upper level disturbance moved across the region on July 21st. Increased heat and humidity allowed a few thunderstorms to develop in western Maryland. One storm moving over Cumberland produced gusty winds that downed several trees.				
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CHARLES COUNTY --- 0.4 SSE WHITE PLAINS [38.58, -76.95]	07/22/08 09:40 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/22/08 09:40 EST		0	Source: Trained Spotter
A trained spotter reported a tree down on Willetts Crossing Road.				
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CHARLES COUNTY --- 0.5 N LA PLATA [38.54, -76.98]	07/22/08 09:45 EST		4K	Thunderstorm Wind (EG 50 kt)
	07/22/08 09:45 EST		0	Source: Emergency Manager
Charles County Emergency Management reported trees down on Cecil Street in La Plata.				
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CHARLES COUNTY --- 0.9 E BEANTOWN [38.62, -76.86]	07/22/08 09:45 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/22/08 09:45 EST		0	Source: Emergency Manager
Charles County Emergency Management reported trees down at St. Peters Church Road and St. Peters Drive.				
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ST. MARY'S COUNTY --- MECHANICSVILLE [38.43, -76.73]	07/22/08 10:07 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/22/08 10:07 EST		0	Source: Emergency Manager
St. Mary's County Emergency Management reported trees down in Mechanicsville.				

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ST. MARY'S COUNTY --- 0.7 S LEONARDTOWN [38.29, -76.63]				
	07/22/08 10:15 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/22/08 10:15 EST		0	Source: Emergency Manager
St. Mary's County Emergency Management reported trees down on wires near Leonardtown.				
An upper level disturbance moved across the Ohio Valley into the Mid Atlantic during the early morning hours of July 22nd. Showers and thunderstorms developed along the leading edge of this system and moved across lower southern Maryland. Some storms became severe and downed trees across Charles and St. Mary's counties.				
CHARLES COUNTY --- 1.3 WSW MATTAWOMAN [38.64, -76.90]				
	07/22/08 19:11 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/22/08 19:11 EST		0	Source: Law Enforcement
Charles County Law Enforcement reported trees down into wires near Waldorf.				
BALTIMORE COUNTY --- 0.5 E DUNDALK [39.27, -76.51]				
	07/22/08 22:24 EST		0	Hail (1.75 in)
	07/22/08 22:24 EST		0	Source: Trained Spotter
A trained spotter reported hail to the size of golf balls.				
BALTIMORE COUNTY --- 0.5 E DUNDALK [39.27, -76.51]				
	07/22/08 22:24 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/22/08 22:24 EST		0	Source: Trained Spotter
A trained spotter reported downed power lines.				
HARFORD COUNTY --- 0.7 N ABERDEEN ARPT [39.51, -76.18]				
	07/22/08 23:45 EST		7K	Thunderstorm Wind (EG 50 kt)
	07/22/08 23:45 EST		0	Source: Public
Large trees were snapped and uprooted west of Aberdeen.				
HARFORD COUNTY --- 0.5 NNE ABERDEEN ARPT [39.51, -76.18], 0.3 NNE ABERDEEN ARPT [39.50, -76.18]				
	07/23/08 00:02 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/23/08 00:05 EST		0	Source: Fire Department/Rescue
Harford County Fire and Rescue reported trees down on Bonnett Street and Edmund Street in Aberdeen.				
HARFORD COUNTY --- 0.5 WSW ABERDEEN [39.52, -76.18]				
	07/23/08 00:02 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/23/08 00:02 EST		0	Source: Fire Department/Rescue
Harford County Fire and Rescue reported trees down on West Bel Air Drive in Aberdeen.				
WASHINGTON COUNTY --- 1.5 SSE RINGGOLD [39.70, -77.56]				
	07/23/08 00:38 EST		0	Hail (1.00 in)
	07/23/08 00:38 EST		0	Source: COOP Observer
A Cooperative Observer reported hail to the size of quarters.				
FREDERICK COUNTY --- 0.5 E THURMONT [39.62, -77.41]				
	07/23/08 01:30 EST		25K	Thunderstorm Wind (EG 50 kt)
	07/23/08 01:30 EST		0	Source: NWS Employee

A tree fell onto a car in Thurmont.

A strong cold front combined with an upper level disturbance during the afternoon and evening hours of July 22nd. Cold air aloft combined with warm and humid air at the surface allowed for scattered to numerous showers and thunderstorms to develop across the Mid Atlantic. Some storms became severe, downing trees and power lines and producing large hail across portions of northern Maryland.

Storm Data and Unusual Weather Phenomena - July 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
BALTIMORE CITY (C) COUNTY --- 1.2 SW GARDENVILLE [39.34, -76.59]				
	07/23/08 14:35 EST		4K	Thunderstorm Wind (EG 50 kt)
	07/23/08 14:35 EST		0	Source: Newspaper
A local newspaper reported downed trees along Hillen Road near Argonne Drive.				
BALTIMORE COUNTY --- 0.9 SE OAKLEIGH [39.39, -76.54]				
	07/23/08 14:46 EST		0	Hail (0.75 in)
	07/23/08 14:46 EST		0	Source: Trained Spotter
A trained spotter reported hail to the size of a penny.				
ST. MARY'S COUNTY --- 0.9 NE PARK HALL ARPT [38.24, -76.44]				
	07/23/08 17:35 EST		0	Hail (1.00 in)
	07/23/08 17:35 EST		0	Source: Trained Spotter
A trained spotter reported hail to the size of a quarter.				
ST. MARY'S COUNTY --- CLEMENTS [38.33, -76.72]				
	07/23/08 18:05 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/23/08 18:05 EST		0	Source: Emergency Manager
St. Mary's County Emergency Management reported trees and power lines down near Clements.				
ANNE ARUNDEL COUNTY --- ANNAPOLIS [38.97, -76.50]				
	07/23/08 18:15 EST		4K	Thunderstorm Wind (EG 50 kt)
	07/23/08 18:15 EST		0	Source: Newspaper
A local newspaper reported downed trees and power lines in Annapolis.				
CHARLES COUNTY --- HUGHESVILLE [38.53, -76.78]				
	07/23/08 18:47 EST		4K	Thunderstorm Wind (EG 50 kt)
	07/23/08 18:47 EST		0	Source: Law Enforcement
Charles County Law Enforcement reported trees down near Hughesville.				
CHARLES COUNTY --- 0.8 NNE ST CHARLES [38.61, -76.91]				
	07/23/08 19:05 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/23/08 19:05 EST		0	Source: Newspaper
A local newspaper reported trees down on power lines on Copley Avenue in St. Charles.				
CHARLES COUNTY --- 1.3 WSW WALDORF [38.62, -76.94]				
	07/23/08 19:11 EST		4K	Thunderstorm Wind (EG 50 kt)
	07/23/08 19:11 EST		0	Source: Law Enforcement
Charles County Law Enforcement reported trees down into power lines near Waldorf.				
MONTGOMERY COUNTY --- 0.6 NNW CHEVY CHASE [38.98, -77.07]				
	07/23/08 19:40 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/23/08 19:40 EST		0	Source: Law Enforcement
Montgomery County Law Enforcement reported trees down on Raymond Street.				
MONTGOMERY COUNTY --- 0.8 N WOODHAVEN [39.01, -77.13]				
	07/23/08 19:40 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/23/08 19:40 EST		0	Source: Law Enforcement
Montgomery County Law Enforcement reported trees down on Hollins Drive.				
MONTGOMERY COUNTY --- 0.9 NNE GOOD HOPE [39.09, -76.97]				

Storm Data and Unusual Weather Phenomena - July 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/23/08 19:45 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/23/08 19:45 EST		0	Source: Law Enforcement

Montgomery County Law Enforcement reported trees down on Ansted Court.

MONTGOMERY COUNTY --- 1.0 ESE WHEATON [39.05, -77.03], 0.6 ESE WHEATON [39.05, -77.04]				
	07/23/08 19:45 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/23/08 19:45 EST		0	Source: Law Enforcement

Montgomery County Law Enforcement reported trees down along Arcola Avenue between Kemp Mill Road and Channing Drive.

MONTGOMERY COUNTY --- 1.8 N TAKOMA PARK [39.00, -77.01], 2.0 SW NORTHWEST PARK [39.00, -77.00]				
	07/23/08 19:50 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/23/08 19:50 EST		0	Source: Law Enforcement

Montgomery County Law Enforcement reported trees down along Piney Branch Road between Sligo Creek Parkway and Flower Avenue.

BALTIMORE CITY (C) COUNTY --- 0.9 N MT ROYAL [39.33, -76.63], 0.1 NNW CAMDEN [39.28, -76.63], 0.7 WNW FT HOLABIRD [39.28, -76.56], 0.8 WNW GOLDEN RING [39.33, -76.56]				
	07/23/08 20:00 EST		0	Flash Flood (due to Heavy Rain)
	07/23/08 22:00 EST		0	Source: Broadcast Media

Local broadcast media reported a water rescue at Exeter Hall Avenue and Aisquith Street. Northbound ramps of the Jones Falls Expressway at President Street and Monument Street were closed.

BALTIMORE COUNTY --- 0.4 WSW PIKESVILLE [39.37, -76.73], 1.5 NW HALETHORPE [39.26, -76.72], 1.4 WNW RELAY [39.24, -76.72], 0.7 E OELLA [39.27, -76.77], 1.1 S HEBBVILLE [39.33, -76.78]				
	07/23/08 20:00 EST		0	Flash Flood (due to Heavy Rain)
	07/23/08 22:00 EST		0	Source: Fire Department/Rescue

Baltimore County Fire and Rescue reported several water rescues in southwestern Baltimore County.

HOWARD COUNTY --- ELK RIDGE [39.22, -76.72], 0.5 WNW ELK RIDGE [39.22, -76.73], 0.9 WSW ELK RIDGE [39.21, -76.74], 0.7 SW ELK RIDGE [39.21, -76.73]				
	07/23/08 20:00 EST		0	Flash Flood (due to Heavy Rain)
	07/23/08 23:00 EST		0	Source: Broadcast Media

Local broadcast media reported 3 lanes of Interstate 95 closed due to high water.

HARFORD COUNTY --- HICKORY [39.58, -76.33], 0.7 W GIBSON [39.58, -76.34], 0.7 S GIBSON MANOR [39.59, -76.33], 0.6 NE GIBSON [39.59, -76.32]				
	07/23/08 22:00 EST		0	Flash Flood (due to Heavy Rain)
	07/23/08 23:30 EST		0	Source: County Official

Route 1 was closed north of Route 543 due to flash flooding.

A slow moving cold front moved towards the Mid Atlantic Coast on July 23rd. This front provided the focus for scattered to numerous showers and thunderstorms to develop during the afternoon and evening hours. With high amounts of moisture in place, some storms produced heavy rainfall. Storms also moved repeatedly over the same areas. This allowed flash flooding to occur across the Baltimore metro area, resulting in several road closures and water rescues. Severe thunderstorms also occurred, with gusty winds downing trees and power lines. There were also a few reports of large hail.

WASHINGTON COUNTY --- 0.8 SSW FOUNTAIN HEAD [39.66, -77.74]				
	07/26/08 16:05 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/26/08 16:05 EST		0	Source: Newspaper

A local newspaper reported downed trees on Salem Avenue.

WASHINGTON COUNTY --- 1.1 NNE MAUGANSVILLE [39.69, -77.74]				
	07/26/08 16:05 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/26/08 16:05 EST		0	Source: Newspaper

A local newspaper reported downed trees on Maugansville Road.

Storm Data and Unusual Weather Phenomena - July 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
WASHINGTON COUNTY --- 1.5 NW BROADFORDING [39.69, -77.82]				
	07/26/08 16:05 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/26/08 16:05 EST		0	Source: Newspaper
A local newspaper reported Broadfording Road and Gossard Mill Road closed due to downed trees and power lines.				
WASHINGTON COUNTY --- 1.5 WNW CEARFOSS [39.70, -77.81]				
	07/26/08 16:05 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/26/08 16:05 EST		0	Source: Newspaper
A local newspaper reported downed trees on Fairview Road.				
FREDERICK COUNTY --- 0.8 SSW BURKITTSVILLE [39.39, -77.64], 1.7 NW PETERSVILLE [39.37, -77.64]				
	07/26/08 17:00 EST		0.10M	Thunderstorm Wind (EG 65 kt)
	07/26/08 17:05 EST		0	Source: Newspaper
A local newspaper reported significant property damage to several farms along Burkittsville Road. Several farmers reported wrecked buildings and overturned agricultural machines. One barn was shifted off its foundation. Numerous trees and power lines were downed along the main road.				
FREDERICK COUNTY --- 0.8 SSW BURKITTSVILLE [39.39, -77.64], 1.7 NW PETERSVILLE [39.37, -77.64]				
	07/26/08 17:00 EST		5K	Hail (1.00 in)
	07/26/08 17:05 EST		5K	Source: Newspaper
A local newspaper reported 150 acres of corn and 90 acres of soybeans lost on several farms on Burkittsville Road. Hail put holes in vinyl siding, broke windows and damaged house roofs and cars.				
FREDERICK COUNTY --- 0.6 SSE BRUNSWICK [39.31, -77.63]				
	07/26/08 17:35 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/26/08 17:35 EST		0	Source: Trained Spotter
A trained spotter reported wires down at the MARC train station in Brunswick.				
FREDERICK COUNTY --- 0.6 SSE CATOCTIN [39.31, -77.54]				
	07/26/08 17:35 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/26/08 17:35 EST		0	Source: Trained Spotter
A trained spotter reported wires down on Fry Road.				
A sharpening surface trough combined with a weak upper level disturbance on July 26th. Scattered showers and thunderstorms developed during the late afternoon and early evening across north central Maryland. Some storms became severe, producing large hail and gusty winds that downed trees and power lines in Frederick and Washington counties.				
CARROLL COUNTY --- 0.9 SW NEW WINDSOR [39.54, -77.11]				
	07/27/08 11:15 EST		0	Hail (0.75 in)
	07/27/08 11:15 EST		0	Source: Public
Hail to the size of pennies were reported in New Windsor.				
HOWARD COUNTY --- 0.3 NW SAVAGE [39.13, -76.83]				
	07/27/08 11:43 EST		0	Hail (0.75 in)
	07/27/08 11:43 EST		0	Source: Trained Spotter
A trained spotter reported hail to the size of pennies.				
ANNE ARUNDEL COUNTY --- 0.7 SSE FT MEADE JCT [39.11, -76.78], 2.2 SSW PIONEER CITY [39.10, -76.74]				
	07/27/08 11:50 EST		0	Hail (1.00 in)
	07/27/08 12:15 EST		0	Source: Trained Spotter
Trained spotters reported hail to the size of quarters along Route 32 and at Fort Meade.				
ANNE ARUNDEL COUNTY --- 1.8 SW PIONEER CITY [39.11, -76.74]				

Storm Data and Unusual Weather Phenomena - July 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/27/08 11:50 EST		0	Thunderstorm Wind (MG 52 kt)
	07/27/08 11:50 EST		0	Source: Trained Spotter
A trained spotter measured a wind gust of 60 MPH.				
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ANNE ARUNDEL COUNTY --- 1.3 SW FT MEADE JCT [39.11, -76.80]				
	07/27/08 11:52 EST		1K	Hail (1.00 in)
	07/27/08 11:52 EST		0	Source: Trained Spotter
A trained spotter reported hail to the size of quarters. The hail caused a hole in a car windshield.				
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ANNE ARUNDEL COUNTY --- 0.7 S SEVERN [39.12, -76.70]				
	07/27/08 12:00 EST		0	Hail (0.75 in)
	07/27/08 12:00 EST		0	Source: Trained Spotter
A trained spotter reported hail to the size of pennies.				
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ANNE ARUNDEL COUNTY --- 0.7 S SEVERN [39.12, -76.70]				
	07/27/08 12:00 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/27/08 12:00 EST		0	Source: Trained Spotter
A trained spotter reported trees down in Severn.				
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ANNE ARUNDEL COUNTY --- 1.3 WNW MAYFIELD [39.11, -76.70]				
	07/27/08 12:25 EST		0	Hail (1.00 in)
	07/27/08 12:25 EST		0	Source: Trained Spotter
A trained spotter reported hail to the size of quarters.				
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HARFORD COUNTY --- BEL AIR [39.53, -76.35]				
	07/27/08 12:39 EST		0	Hail (0.88 in)
	07/27/08 12:39 EST		0	Source: Amateur Radio
An amateur radio operator reported hail to the size of nickels in Bel Air.				
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ANNE ARUNDEL COUNTY --- 0.6 E MARYLAND CITY [39.10, -76.81]				
	07/27/08 12:50 EST		0	Hail (0.75 in)
	07/27/08 12:50 EST		0	Source: NWS Employee
An NWS employee reported hail to the size of pennies east of Laurel.				
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HARFORD COUNTY --- 0.6 S ABERDEEN [39.51, -76.17]				
	07/27/08 13:00 EST		20K	Thunderstorm Wind (EG 50 kt)
	07/27/08 13:00 EST		0	Source: Newspaper
A local newspaper reported several trees down on Mount Royal and West Bel Air Avenues. Some trees fell on houses, producing minor roof and gutter damage.				
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CHARLES COUNTY --- 0.7 WNW HILL TOP [38.48, -77.13]				
	07/27/08 13:26 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/27/08 13:26 EST		0	Source: Trained Spotter
A trained spotter reported trees down along Route 6 at Wards Run.				
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CHARLES COUNTY --- HILL TOP [38.48, -77.12]				
	07/27/08 13:28 EST		6K	Thunderstorm Wind (EG 50 kt)
	07/27/08 13:28 EST		0	Source: Emergency Manager
Charles County Emergency Management reported trees and power lines down in Hill Top.				
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CHARLES COUNTY --- NANJEMOY [38.45, -76.78]				

Storm Data and Unusual Weather Phenomena - July 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/27/08 13:30 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/27/08 13:30 EST		0	Source: Fire Department/Rescue
Charles County Fire and Rescue reported trees down in Nanjemoy.				
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CHARLES COUNTY --- 0.6 N FAULKNER [38.44, -76.98], 1.0 SSW FAULKNER [38.42, -76.99]	07/27/08 13:48 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/27/08 13:48 EST		0	Source: Trained Spotter
A trained spotter reported numerous trees down along Popes Creek Road.				
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CHARLES COUNTY --- BEL ALTON [38.47, -76.98]	07/27/08 13:52 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/27/08 13:52 EST		0	Source: Trained Spotter
Charles County Fire and Rescue reported trees down in Bel Alton.				
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CHARLES COUNTY --- NEWBURG [38.38, -76.95]	07/27/08 13:56 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/27/08 13:56 EST		0	Source: Trained Spotter
Charles County Fire and Rescue reported trees down in Newburg.				
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MONTGOMERY COUNTY --- 1.3 WNW NORBECK [39.13, -77.10]	07/27/08 15:50 EST		0	Hail (0.75 in)
	07/27/08 15:50 EST		0	Source: Trained Spotter
A trained spotter reported hail to the size of pennies near Olney.				
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HOWARD COUNTY --- 0.9 SW CLARKSVILLE [39.19, -76.89]	07/27/08 16:00 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/27/08 16:00 EST		0	Source: Emergency Manager
Howard County Emergency Management reported a downed tree blocking Corina Court.				
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MONTGOMERY COUNTY --- CLARKSBURG [39.23, -77.28]	07/27/08 16:00 EST		0.11M	Lightning
	07/27/08 16:00 EST		0	Source: Newspaper
A local newspaper reported a lightning-sparked house fire in Clarksburg. Also in Clarksburg, a tree was struck by lightning and caught on fire. Fire then spread to a nearby shed.				
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MONTGOMERY COUNTY --- 1.4 N HILLDALE [39.05, -76.98]	07/27/08 16:15 EST		0	Hail (0.75 in)
	07/27/08 16:15 EST		0	Source: NWS Employee
An NWS employee reported hail to the size of pennies near Beltsville.				
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MONTGOMERY COUNTY --- SILVER SPG [39.00, -77.05]	07/27/08 16:15 EST		0	Lightning
	07/27/08 16:15 EST	1	0	Source: Newspaper
A local newspaper reported woman sustained serious injuries when she took shelter under a tree that was then struck by lightning.				
<p>A cold front approached the region on July 27th as a strong upper level low pressure system remained over the northeast. Warm and humid air at the surface interacted with cooler air aloft to produce scattered to numerous showers and thunderstorms during the afternoon hours. Many of the storms became severe, producing damaging winds that downed trees and power lines. Large hail to the size of quarters was also reported.</p>				
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BALTIMORE COUNTY --- 1.6 S RUXTON [39.38, -76.65]	07/30/08 16:00 EST		0	Thunderstorm Wind (EG 50 kt)
	07/30/08 16:00 EST		0	Source: Broadcast Media

Storm Data and Unusual Weather Phenomena - July 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Local broadcast media reported a tree fell onto a moving train at the Falls Road Station.

BALTIMORE COUNTY --- 1.8 SSE ASHLAND [39.48, -76.61]

07/30/08 16:02 EST	8K	Thunderstorm Wind (EG 50 kt)
07/30/08 16:02 EST	0	Source: Trained Spotter

A trained spotter reported several trees uprooted or snapped near the intersection of Gateridge Road and Stillway Court.

BALTIMORE COUNTY --- COCKEYSVILLE [39.48, -76.65]

07/30/08 16:04 EST	5K	Thunderstorm Wind (EG 50 kt)
07/30/08 16:04 EST	0	Source: Emergency Manager

Baltimore County Emergency Management reported several trees down in Cockeysville.

A warm front moved north through the Mid Atlantic on the morning of July 30th, bringing increased heat and humidity to the region. An upper level disturbance then moved through the region during the afternoon. This helped to trigger isolated showers and thunderstorms during the late afternoon and evening. A storm that moved over Baltimore County downed several trees and power lines.

VIRGINIA, North

CULPEPER COUNTY --- 0.9 NW CATALPA [38.53, -77.98]

07/04/08 15:05 EST	0	Thunderstorm Wind (MG 52 kt)
07/04/08 15:05 EST	0	Source: Trained Spotter

A trained spotter measured a wind gust of 60 MPH.

CULPEPER COUNTY --- 0.5 E ALANTHUS [38.53, -77.91]

07/04/08 15:15 EST	0	Thunderstorm Wind (EG 52 kt)
07/04/08 15:15 EST	0	Source: Public

Wind gusts of 60 MPH were reported near Alanthus.

FAUQUIER COUNTY --- 0.5 E REMINGTON [38.53, -77.79]

07/04/08 15:26 EST	0	Thunderstorm Wind (EG 52 kt)
07/04/08 15:26 EST	0	Source: Trained Spotter

A trained spotter reported wind gusts of 60 MPH near Remington.

STAFFORD COUNTY --- 1.1 W RUBY [38.50, -77.54]

07/04/08 16:02 EST	0	Hail (0.75 in)
07/04/08 16:02 EST	0	Source: Public

Penny-size hail was reported near Heflin.

ORANGE COUNTY --- 0.5 ENE DANIEL [38.17, -78.02]

07/04/08 16:13 EST	1K	Thunderstorm Wind (EG 50 kt)
07/04/08 16:13 EST	0	Source: Emergency Manager

Orange County Emergency Management reported a tree down at the intersection of Mountain Track Road and Monrovia Road in Daniel.

STAFFORD COUNTY --- 1.1 W MT JOY STORE [38.48, -77.40]

07/04/08 16:15 EST	0	Hail (0.88 in)
07/04/08 16:15 EST	0	Source: Public

Nickel-size hail was reported north of Stafford.

STAFFORD COUNTY --- 1.1 W MT JOY STORE [38.48, -77.40]

07/04/08 16:15 EST	5K	Thunderstorm Wind (EG 56 kt)
07/04/08 16:15 EST	0	Source: Public

Storm Data and Unusual Weather Phenomena - July 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Strong winds relocated several heavy items from a front porch. Winds were estimated near 65 MPH. Some minor house damage was reported and several trees were snapped.				

KING GEORGE COUNTY --- KING GEORGE [38.27, -77.17]

07/04/08 17:00 EST	50K	Lightning
07/04/08 17:20 EST	0	Source: Emergency Manager

King George County Emergency Management reported several lightning-sparked fires, including 2 homes and a business. One person was reportedly struck by lightning through a TV and suffered minor injuries.

KING GEORGE COUNTY --- FAIRVIEW BEACH [38.33, -77.25], 0.8 W KING GEORGE [38.27, -77.18]

07/04/08 17:10 EST	15K	Thunderstorm Wind (MG 52 kt)
07/04/08 17:20 EST	0	Source: Trained Spotter

A trained spotter reported wind gusts of 60 MPH northwest of King George. King George County Emergency Management reported several trees and power lines downed.

An upper level disturbance moved through the Mid Atlantic during the afternoon and evening of July 4th. This system combined with a weak surface front and heat and humidity to produce scattered showers and thunderstorms during the late afternoon hours. Some of these storms became severe, producing damaging winds and large hail in portions of north central Virginia.

ALBEMARLE COUNTY --- 0.7 SW SIMEON [37.97, -78.46]

07/07/08 18:05 EST	3K	Thunderstorm Wind (EG 50 kt)
07/07/08 18:05 EST	0	Source: Emergency Manager

Albemarle County Emergency Management reported a tree down on a power lines on Bishop Hill Road.

An upper level low pressure system moved over the Appalachians on July 7th. At the surface, a weak surface trough combined with heat and humidity to produce scattered afternoon and evening showers and thunderstorms. Some storms became strong to severe, with damaging winds reported in Albemarle County.

WARREN COUNTY --- 1.1 SW FRONT ROYAL [38.91, -78.20]

07/14/08 01:00 EST	20K	Lightning
07/14/08 01:00 EST	0	Source: Newspaper

Lightning sparked a fire at the Scottish Inn in Front Royal. The blaze damaged the roof above 2 rooms.

A cold front pushed slowly southeast from lower southern Maryland into southern Virginia during the early morning hours of July 14th. A few thunderstorms developed during overnight hours. Lightning was blamed for a hotel fire in Warren County.

SHENANDOAH COUNTY --- 1.1 ESE MT OLIVE [38.97, -78.41]

07/20/08 17:42 EST	5K	Thunderstorm Wind (EG 50 kt)
07/20/08 17:42 EST	0	Source: Law Enforcement

Shenandoah County Law Enforcement reported trees down on Old Valley Pike at Millner Road.

FREDERICK COUNTY --- 2.0 ENE BURNING KNOLLS [39.19, -78.10]

07/20/08 17:45 EST	1K	Thunderstorm Wind (EG 50 kt)
07/20/08 17:45 EST	0	Source: Law Enforcement

Frederick County Law Enforcement reported a tree down on Route 7 at Woods Mill Road.

SHENANDOAH COUNTY --- 0.3 NNE OLONZAVILLE [38.93, -78.55]

07/20/08 17:47 EST	5K	Thunderstorm Wind (EG 50 kt)
07/20/08 17:47 EST	0	Source: Law Enforcement

Shenandoah County Law Enforcement reported power lines down on Alonzaville Road and Hunter Road.

SHENANDOAH COUNTY --- 0.5 W FISHERS HILL [38.98, -78.39]

07/20/08 17:52 EST	5K	Thunderstorm Wind (EG 50 kt)
07/20/08 17:52 EST	0	Source: Law Enforcement

Shenandoah County Law Enforcement reported power lines down on Old Valley Pike at Funk Road.

Storm Data and Unusual Weather Phenomena - July 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
SHENANDOAH COUNTY --- 1.8 S OLONZAVILLE [38.90, -78.54]				
	07/20/08 18:00 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/20/08 18:00 EST		0	Source: Law Enforcement
Shenandoah County Law Enforcement reported trees down on School House Lane and Frael Court.				
SHENANDOAH COUNTY --- EDINBURG [38.82, -78.57]				
	07/20/08 18:00 EST		5K	Lightning
	07/20/08 18:00 EST		0	Source: Law Enforcement
Shenandoah County Law Enforcement reported a lightning strike that caused a transformer fire on South Main Street in Edunburg.				
LOUDOUN COUNTY --- 1.2 S BLUEMONT [39.10, -77.82]				
	07/20/08 18:15 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/20/08 18:15 EST		0	Source: Emergency Manager
Loudoun County Emergency Management reported a tree down on Snickersville Pike near Round Hill.				
LOUDOUN COUNTY --- ROUND HILL [39.13, -77.82]				
	07/20/08 18:30 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/20/08 18:30 EST		0	Source: Law Enforcement
Loudoun County Emergency Management reported a tree down in Round Hill.				
LOUDOUN COUNTY --- 0.7 S PURCELLVILLE [39.14, -77.72]				
	07/20/08 18:38 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/20/08 18:38 EST		0	Source: Emergency Manager
Loudoun County Emergency Management reported a tree down on Yorkshire Ridge Court.				
FAUQUIER COUNTY --- 1.1 SSE MARSHALL [38.86, -77.84]				
	07/20/08 18:50 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/20/08 18:50 EST		0	Source: Law Enforcement
Fauquier County Law Enforcement reported a tree down on Carters Run Road in Marshall.				
FAIRFAX COUNTY --- 1.2 ESE LANGLEY [38.94, -77.15]				
	07/20/08 19:29 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/20/08 19:29 EST		0	Source: Emergency Manager
Fairfax County Emergency Management reported a tree down on Perry William Drive near Arlington.				
FAIRFAX COUNTY --- SPRINGFIELD ESTATES [38.77, -77.18]				
	07/20/08 19:50 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/20/08 19:50 EST		0	Source: Emergency Manager
Fairfax County Emergency Management reported a tree down near Annandale.				
A weak surface trough developed over the Mid Atlantic on July 20th. This trough combined with heat and humidity allowed isolated to scattered showers and thunderstorms to form across northern and western Virginia. Some storms became severe, downing trees and power lines.				
STAUNTON (C) COUNTY --- STAUNTON [38.15, -79.07]				
	07/22/08 21:30 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/22/08 21:30 EST		0	Source: Newspaper
A local newspaper reported trees fell on power lines in Staunton.				
PAGE COUNTY --- STANLEY [38.58, -78.52], LURAY [38.67, -78.47]				
	07/22/08 22:53 EST		15K	Thunderstorm Wind (EG 50 kt)
	07/22/08 23:10 EST		0	Source: Emergency Manager

Storm Data and Unusual Weather Phenomena - July 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Page County Emergency Management and trained spotters reported numerous trees and power lines downed from Stanley to Luray.

WARREN COUNTY --- 0.5 W FRONT ROYAL [38.92, -78.19]

07/22/08 23:39 EST	0	Hail (0.75 in)
07/22/08 23:39 EST	0	Source: Emergency Manager

Warren County Emergency Management reported hail to the size of pennies.

WARREN COUNTY --- FRONT ROYAL [38.92, -78.18]

07/22/08 23:39 EST	5K	Thunderstorm Wind (EG 50 kt)
07/22/08 23:43 EST	0	Source: Emergency Manager

Warren County Emergency Management reported trees down in Front Royal.

WARREN COUNTY --- 2.6 NNE LINDEN [38.93, -78.05]

07/22/08 23:52 EST	3K	Thunderstorm Wind (EG 50 kt)
07/22/08 23:52 EST	0	Source: Emergency Manager

Warren County Emergency Management reported trees down on Freezeland Road in Linden.

FREDERICK COUNTY --- 0.6 NNE BURNING KNOLLS [39.18, -78.13], 0.8 N BURNING KNOLLS [39.18, -78.13]

07/23/08 00:15 EST	10K	Thunderstorm Wind (EG 50 kt)
07/23/08 00:18 EST	0	Source: Newspaper

Several downed trees and power lines were reported on Willowbrook Court and Brookland Court near Winchester.

FREDERICK COUNTY --- 0.9 SSW WINCHESTER ARPT [39.14, -78.16]

07/23/08 00:15 EST	20K	Thunderstorm Wind (EG 50 kt)
07/23/08 00:15 EST	0	Source: Public

A tree fell on a carport on Elmwood Road near Winchester.

FREDERICK COUNTY --- 1.2 ENE BURNING KNOLLS [39.18, -78.11]

07/23/08 00:15 EST	8K	Thunderstorm Wind (EG 52 kt)
07/23/08 00:15 EST	0	Source: Public

Several downed trees and power lines were reported on Likens Way near Winchester.

FREDERICK COUNTY --- STEPHENS CITY [39.08, -78.22]

07/23/08 00:15 EST	8K	Thunderstorm Wind (EG 50 kt)
07/23/08 00:15 EST	0	Source: Emergency Manager

Frederick County Emergency Management reported downed trees and power lines in Stephens City.

WINCHESTER (C) COUNTY --- 2.8 N WINCHESTER [39.17, -78.18], 3.5 N WINCHESTER [39.18, -78.17]

07/23/08 00:15 EST	3K	Thunderstorm Wind (MG 52 kt)
07/23/08 00:16 EST	0	Source: Trained Spotter

A trained spotter measured a wind gust of 60 MPH. Downed trees were reported nearby.

A strong cold front combined with an upper level disturbance during the afternoon and evening hours of July 22nd. Cold air aloft combined with warm and humid air at the surface allowed for scattered to numerous showers and thunderstorms to develop across the Mid Atlantic. Some storms became severe, downing trees and power lines and producing large hail across portions of the Shenandoah Valley.

RAPPAHANNOCK COUNTY --- 1.4 N FIVE FORKS [38.67, -78.17], 2.4 NNW ROCK MILLS [38.68, -78.15]

07/23/08 17:23 EST	15K	Tornado (EF0, L: 1.25 mi , W: 30 yd)
07/23/08 17:25 EST	0	Source: NWS Storm Survey

A brief EF-0-rated tornado with maximum winds of 80 MPH occurred in central Rappahannock County between Rock Mills and Washington. Only tree damage was noted. Initial touchdown was along Rock Mills Road, Route 622, just west of Rudasill Mill Road. Tracking of the tornado damage path ended near the intersection of Hunters Road, Route 621, and Grandview Road, Route 674.

Storm Data and Unusual Weather Phenomena - July 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
RAPPAHANNOCK COUNTY --- SPERRYVILLE [38.67, -78.25]				
	07/23/08 17:30 EST		0	Hail (0.75 in)
	07/23/08 17:30 EST		0	Source: County Official
A Rappahannock County Official reported hail to the size of pennies.				
RAPPAHANNOCK COUNTY --- WASHINGTON [38.72, -78.17]				
	07/23/08 17:41 EST		4K	Thunderstorm Wind (EG 50 kt)
	07/23/08 17:41 EST		0	Source: County Official
Rappahannock County officials reported trees down in Washington.				
FAUQUIER COUNTY --- 1.2 E BETHEL [38.77, -77.80]				
	07/23/08 18:11 EST		25K	Thunderstorm Wind (EG 74 kt)
	07/23/08 18:11 EST		0	Source: NWS Storm Survey
Damage from a microburst was surveyed in the Airlie-Bethel area. Extensive tree damage in the form of topped and uprooted large trees occurred in the community of Bethel Academy. Portions of some uprooted trees damaged roofing of nearby homes. All damage was consistent with a microburst, with maximum winds estimated at 85 MPH.				
FAUQUIER COUNTY --- 0.2 SSW NEW BALTIMORE [38.77, -77.72]				
	07/23/08 18:25 EST		25K	Thunderstorm Wind (EG 65 kt)
	07/23/08 18:25 EST		0	Source: NWS Storm Survey
A large plastic covered green house was destroyed at a nursery just east of New Baltimore on Route 29. Maximum winds were estimated at 75 MPH.				
FAUQUIER COUNTY --- 1.0 NNE NEW BALTIMORE [38.78, -77.71], 1.1 NE NEW BALTIMORE [38.78, -77.71]				
	07/23/08 18:25 EST		10K	Thunderstorm Wind (EG 56 kt)
	07/23/08 18:25 EST		0	Source: Public
Ten 1 to 2 ft. diameter oak trees were downed in an easterly direction between Saints Hill Lane and Beverleys Mill Road.				
PRINCE WILLIAM COUNTY --- 0.9 NE WELLINGTON [38.79, -77.54], 1.8 NNW WEST GATE OF LOMOND [38.79, -77.51]				
	07/23/08 18:43 EST		50K	Tornado (EF0, L: 1.41 mi , W: 30 yd)
	07/23/08 18:46 EST		0	Source: NWS Storm Survey
A brief EF-0-rated tornado with maximum winds of 75 MPH occurred in an area located between Gainesville and Sudley in northern Prince William County. Initial touchdown was along Mason King Court in an industrial park. Further east, siding and roofing damage was noted to multi-family dwellings as well as tree damage in the form of topped trees in the communities of Coverstone, Summertree, Amberton and Orchard Glen all centered near Aston Avenue and Coverstone Street. The tornado lifted shortly after crossing Sudley Road, Route 234, but not before causing roof damage to a large retail home center in Sudley Towne Plaza.				
PRINCE WILLIAM COUNTY --- 1.0 ESE GREENWICH [38.75, -77.63]				
	07/23/08 18:45 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/23/08 18:45 EST		0	Source: County Official
Prince William County reported a tree down on Par Drive.				
PRINCE WILLIAM COUNTY --- 0.5 E GAINESVILLE [38.80, -77.59], 1.5 NNE WELLINGTON [38.80, -77.54]				
	07/23/08 18:50 EST		4K	Thunderstorm Wind (EG 50 kt)
	07/23/08 18:52 EST		0	Source: Broadcast Media
Local broadcast media and amateur radio operators reported trees down on Interstate 66.				
SPOTSYLVANIA COUNTY --- 5.4 W BELMONT [38.14, -77.97], 4.1 WNW HOLLADAY [38.13, -77.94]				
	07/23/08 19:15 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/23/08 19:15 EST		0	Source: Law Enforcement
Spotsylvania County Law Enforcement reported trees down along Monrovia Road east of Thornhill.				
FAIRFAX COUNTY --- 1.4 ESE OAKTON [38.87, -77.28]				

Storm Data and Unusual Weather Phenomena - July 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/23/08 19:20 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/23/08 19:20 EST		0	Source: Law Enforcement
Fairfax County Law Enforcement reported trees down on Blake Lane.				
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SPOTSYLVANIA COUNTY --- 0.8 NNE BELMONT [38.16, -77.86]				
	07/23/08 19:20 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/23/08 19:20 EST		0	Source: Law Enforcement
Spotsylvania County Law Enforcement reported trees down on Belmont Road and Jones Powell Road.				
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ARLINGTON COUNTY --- 0.9 NW ROSSLYN [38.89, -77.09]				
	07/23/08 19:30 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/23/08 19:30 EST		0	Source: Law Enforcement
Arlington Law Enforcement reported power lines down on North Bryan Street.				
<hr/>				
ARLINGTON COUNTY --- 1.0 WSW ROSSLYN [38.87, -77.10]				
	07/23/08 19:30 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/23/08 19:30 EST		0	Source: Law Enforcement
Arlington Law Enforcement reported power lines down on North 1st Street.				
<hr/>				
ARLINGTON COUNTY --- 1.1 ESE ARLINGTON [38.87, -77.11]				
	07/23/08 19:30 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/23/08 19:30 EST		0	Source: Law Enforcement
Arlington Law Enforcement reported power lines down on 3rd Street.				
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ARLINGTON COUNTY --- 2.3 S ROSSLYN [38.85, -77.08]				
	07/23/08 19:30 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/23/08 19:30 EST		0	Source: Law Enforcement
Arlington Law Enforcement reported power lines down in Shirlington.				
<hr/>				
FAIRFAX COUNTY --- 0.3 NE SPRING HILL [38.95, -77.23]				
	07/23/08 19:30 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/23/08 19:30 EST		0	Source: Law Enforcement
Fairfax County Law Enforcement reported trees down at Old Dominion Drive and Spring Hill Road.				
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SPOTSYLVANIA COUNTY --- 1.6 SSW WILDERNESS CORNER [38.30, -77.71]				
	07/23/08 19:30 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/23/08 19:30 EST		0	Source: Law Enforcement
Spotsylvania County Law Enforcement reported trees down on Orange Plank Road near Forest Walk Road.				
<hr/>				
FAIRFAX COUNTY --- 0.8 W WELLINGTON [38.75, -77.06]				
	07/23/08 19:35 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/23/08 19:35 EST		0	Source: Law Enforcement
Fairfax County Law Enforcement reported trees down at Sherwood Hall Lane and Wellington Road.				
<hr/>				
SPOTSYLVANIA COUNTY --- 1.5 SSE MC HENRY [38.15, -77.69], 1.9 S POST OAK [38.14, -77.67]				
	07/23/08 19:45 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/23/08 19:45 EST		0	Source: Law Enforcement
Spotsylvania County Law Enforcement reported trees down along Black Rock Road near Post Oak.				
<hr/>				
FAIRFAX COUNTY --- 0.6 NW PEACOCK [38.98, -77.26]				
	07/23/08 20:00 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/23/08 20:00 EST		0	Source: Law Enforcement

Storm Data and Unusual Weather Phenomena - July 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Fairfax County Law Enforcement reported power lines down at Old Dominion Drive and Falls Run Road.				
FAIRFAX COUNTY --- 0.9 NNE LAUREL GROVE [38.78, -77.15]				
	07/23/08 20:00 EST		20K	Thunderstorm Wind (EG 50 kt)
	07/23/08 20:00 EST		0	Source: County Official
Fairfax County reported a tree fell on a car in the 6100 block of Franconia Road.				
STAFFORD COUNTY --- 0.4 N FERRY FARMS [38.33, -77.43]				
	07/23/08 20:10 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/23/08 20:10 EST		0	Source: Law Enforcement
Stafford County Law Enforcement reported trees down at Grafton Street and Greenwood Street.				
STAFFORD COUNTY --- 1.5 SSW AQUIA [38.40, -77.38]				
	07/23/08 20:20 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/23/08 20:20 EST		0	Source: Law Enforcement
Stafford County Law Enforcement reported trees down along the 1900 block of Courthouse Road in Stafford.				
A slow moving cold front moved towards the Mid Atlantic Coast on July 23rd. This front provided the focus for scattered to numerous showers and thunderstorms to develop during the afternoon and evening hours. Some storms became severe, producing gusty winds that downed trees and power lines across northern and central Virginia. Two EF-0 tornadoes were confirmed in Rappahannock and Prince William counties.				
WARREN COUNTY --- 0.5 W HAPPY CREEK [38.93, -78.16]				
	07/26/08 18:58 EST		0	Hail (0.75 in)
	07/26/08 18:58 EST		0	Source: Trained Spotter
A trained spotter reported hail to the size of pennies.				
WARREN COUNTY --- 0.2 SW HAPPY CREEK [38.93, -78.15]				
	07/26/08 19:00 EST		0	Hail (1.00 in)
	07/26/08 19:00 EST		0	Source: Law Enforcement
Warren County Law Enforcement reported hail to the size of quarters.				
WARREN COUNTY --- 1.3 WNW LINDEN [38.91, -78.09]				
	07/26/08 19:05 EST		0	Hail (0.75 in)
	07/26/08 19:05 EST		0	Source: Trained Spotter
A trained spotter reported hail to the size of pennies.				
RAPPAHANNOCK COUNTY --- 1.4 NNW AMISSVILLE [38.69, -78.01], 1.1 NNW AMISSVILLE [38.68, -78.01]				
	07/26/08 20:14 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/26/08 20:14 EST		0	Source: Fire Department/Rescue
Amisville Volunteer Fire Department reported trees down on South Poes Road and Hinsons Ford Road.				
RAPPAHANNOCK COUNTY --- 0.7 N AMISSVILLE [38.68, -78.00]				
	07/26/08 20:15 EST		0	Hail (1.75 in)
	07/26/08 20:15 EST		0	Source: Fire Department/Rescue
The Amisville Volunteer Fire Department reported hail to the size of a golf ball.				
CULPEPER COUNTY --- 1.1 W JEFFERSONTON [38.63, -77.92]				
	07/26/08 21:08 EST		0	Hail (0.88 in)
	07/26/08 21:08 EST		0	Source: Trained Spotter
A trained spotter reported hail to the size of nickels.				
CULPEPER COUNTY --- CULPEPER ARPT [38.52, -77.87]				

Storm Data and Unusual Weather Phenomena - July 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/26/08 21:40 EST		15K	Thunderstorm Wind (EG 60 kt)
	07/26/08 21:40 EST		0	Source: Airplane Pilot

I tied-down glider was heavily damaged and a nearby storage trailer was moved.

A sharpening surface trough combined with a weak upper level disturbance on July 26th. Scattered showers and thunderstorms developed during the late afternoon and early evening across central Virginia. Some storms became severe, producing large hail and gusty winds that downed trees and power lines in Culpeper, Rappahannock and Warren counties.

FAIRFAX COUNTY --- 1.1 E BULL RUN [38.83, -77.46]

07/27/08 12:10 EST		20K	Thunderstorm Wind (EG 50 kt)
07/27/08 12:10 EST		0	Source: Emergency Manager

Fairfax County Emergency Management reported a tree fell on a car on Rydell Road.

LOUDOUN COUNTY --- ASHBURN [39.05, -77.48]

07/27/08 12:13 EST		0	Hail (1.00 in)
07/27/08 12:14 EST		0	Source: NWS Employee

An NWS Employee reported hail to the size of quarters in Ashburn.

FAIRFAX COUNTY --- BULL RUN [38.83, -77.48]

07/27/08 12:14 EST		0	Thunderstorm Wind (MG 50 kt)
07/27/08 12:14 EST		0	Source: Mesonet

An automated observation at Bull Run Elementary School measured a wind gust of 58 MPH.

FAIRFAX COUNTY --- 1.6 WNW JOHNSONS CORNER [38.81, -77.48]

07/27/08 12:15 EST		5K	Thunderstorm Wind (EG 50 kt)
07/27/08 12:15 EST	3	0	Source: Newspaper

A local newspaper reported 3 people were injured when a tent collapsed at Bull Run Regional Park.

FAIRFAX COUNTY --- 1.3 NNW CENTREVILLE [38.85, -77.43]

07/27/08 12:20 EST		0	Hail (1.00 in)
07/27/08 12:20 EST		0	Source: Amateur Radio

An amateur radio operator reported quarter-size hail at the intersection of Interstate 66 and Route 28.

FAIRFAX COUNTY --- FAIRFAX STATION [38.80, -77.32]

07/27/08 12:30 EST		1K	Lightning
07/27/08 12:30 EST		0	Source: Newspaper

A local newspaper reported a chimney was damaged by a lightning strike. Part of the chimney broke off, falling onto a gas meter and causing a small gas leak.

FAIRFAX COUNTY --- 2.3 S CLIFTON [38.75, -77.37]

07/27/08 12:31 EST		1K	Thunderstorm Wind (EG 50 kt)
07/27/08 12:31 EST		0	Source: Emergency Manager

Fairfax County Emergency Management reported a tree down at the intersection of Henderson Road and Old Yates Ford Road.

FAIRFAX COUNTY --- 1.3 ESE BURKE [38.79, -77.25]

07/27/08 12:34 EST		0	Hail (0.75 in)
07/27/08 12:34 EST		0	Source: Trained Spotter

A trained spotter reported hail to the size of pennies.

FAIRFAX COUNTY --- 1.7 NNW POHICK ESTATES [38.74, -77.21]

07/27/08 12:42 EST		1K	Thunderstorm Wind (EG 50 kt)
07/27/08 12:42 EST		0	Source: Emergency Manager

Fairfax County Emergency Management reported a tree down at the intersection of Rolling Road and Fullerton Road.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FAIRFAX COUNTY --- 2.0 NNW POHICK ESTATES [38.75, -77.21]				
	07/27/08 12:42 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/27/08 12:42 EST		0	Source: Emergency Manager
Fairfax County Emergency Management reported a tree down at the intersection of Rolling Road and Richfield Road.				
FAIRFAX COUNTY --- 0.8 N FAIRFAX PARK [38.78, -77.25]				
	07/27/08 12:46 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/27/08 12:46 EST		0	Source: Emergency Manager
Fairfax County Emergency Management reported a tree down at the intersection of Hillside Road and Moverly Court.				
FAIRFAX COUNTY --- 1.0 SE BAILEYS XRDS [38.86, -77.14]				
	07/27/08 12:48 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/27/08 12:48 EST		0	Source: Emergency Manager
Fairfax County Emergency Management reported a tree down at the intersection of Munson Hill Road and Glen Carlyn Road.				
SPOTSYLVANIA COUNTY --- 0.9 SE WILDERNESS CORNER [38.31, -77.69]				
	07/27/08 12:48 EST		0	Hail (0.75 in)
	07/27/08 12:48 EST		0	Source: Fire Department/Rescue
Spotsylvania Fire and Rescue reported hail to the size of pennies.				
FAIRFAX COUNTY --- 1.1 W LORTON [38.70, -77.24]				
	07/27/08 12:53 EST		0	Hail (0.75 in)
	07/27/08 12:53 EST		0	Source: Public
Hail to the size of pennies was reported in Lorton.				
FAUQUIER COUNTY --- 0.9 SSE DUDIE [38.72, -77.87]				
	07/27/08 12:53 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/27/08 12:53 EST		0	Source: Fire Department/Rescue
Fauquier County Fire and Rescue reported a tree down at Wilson Road and Old Waterloo Road.				
FAIRFAX COUNTY --- 0.9 NE FAIRFAX PARK [38.78, -77.24]				
	07/27/08 12:55 EST		0	Hail (0.75 in)
	07/27/08 12:55 EST		0	Source: Trained Spotter
A trained spotter reported hail to the size of pennies.				
FAIRFAX COUNTY --- 1.0 SSW POHICK [38.69, -77.21]				
	07/27/08 12:55 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/27/08 12:55 EST		0	Source: Emergency Manager
Fairfax County Emergency Management reported a tree down at the intersection of Gunston Road and Old Colchester Road.				
FAUQUIER COUNTY --- 1.6 NE DUDIE [38.74, -77.85]				
	07/27/08 12:58 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/27/08 12:58 EST		0	Source: Fire Department/Rescue
Fauquier County Fire and Rescue reported a tree down at Cannonball Gate and Pond Lane.				
SPOTSYLVANIA COUNTY --- 0.8 NW ALSOP [38.21, -77.66], 0.5 N ALSOP [38.21, -77.65]				
	07/27/08 13:10 EST		10K	Thunderstorm Wind (EG 50 kt)
	07/27/08 13:10 EST		0	Source: Emergency Manager
Spotsylvania County Emergency Management reported numerous trees and power lines downed on Robert E. Lee Drive.				

A cold front approached the region on July 27th as a strong upper level low pressure system remained over the northeast. Warm and humid air at the surface interacted with cooler air aloft to produce scattered to numerous showers and thunderstorms during the

Storm Data and Unusual Weather Phenomena - July 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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afternoon hours. Many of the storms became severe, producing damaging winds that downed trees and power lines. Large hail to the size of quarters was also reported.

WEST VIRGINIA, East

GRANT COUNTY --- 0.7 NE BAYARD [39.28, -79.24]

	07/05/08 15:38 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/05/08 15:38 EST		0	Source: Emergency Manager

Grant County Emergency Management reported a large tree down in Route 50 in Mount Storm.

A stationary frontal boundary was stretched across the Mid Atlantic on July 5th. This boundary combined with a very humid atmosphere to produce scattered showers and thunderstorms across portions of the eastern pan handle of West Virginia. One severe storm in Grant County produced damaging winds.

HARDY COUNTY --- 1.8 NE BASS [38.97, -78.98]

	07/07/08 14:38 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/07/08 14:38 EST		0	Source: Emergency Manager

Hardy County Emergency Management reported a tree down approximately 7 miles south of Moorefield.

HARDY COUNTY --- 4.0 NNE WARDENSVILLE [39.13, -78.56]

	07/07/08 15:20 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/07/08 15:20 EST		0	Source: Emergency Manager

Hardy County Emergency Management reported a downed tree on Route 259 near the Hardy and Hampshire county line.

An upper level low pressure system moved over the Appalachians on July 7th. At the surface, a weak surface trough combined with heat and humidity to produce scattered afternoon and evening showers and thunderstorms. Some storms became strong to severe, with damaging winds reported in Hardy County.

MINERAL COUNTY --- 0.6 NNE KEYSER [39.44, -78.98]

	07/20/08 16:40 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/20/08 16:40 EST		0	Source: Law Enforcement

Mineral County Law Enforcement reported trees into power lines on East Fairview Road.

MINERAL COUNTY --- 2.0 ESE LIMESTONE [39.42, -78.93]

	07/20/08 16:50 EST		4K	Thunderstorm Wind (EG 50 kt)
	07/20/08 16:50 EST		0	Source: Law Enforcement

Mineral County Law Enforcement reported trees down on Knobley Road in Keyser.

HAMPSHIRE COUNTY --- 0.5 ENE SLANESVILLE [39.37, -78.52]

	07/20/08 17:05 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/20/08 17:05 EST		0	Source: Law Enforcement

Hampshire County Law Enforcement reported trees down on Route 29 North.

HARDY COUNTY --- 3.5 ESE ROCKOAK [39.13, -78.67]

	07/20/08 17:17 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/20/08 17:17 EST		0	Source: Emergency Manager

Hardy County Emergency Management reported a tree down northwest of Wardensville.

A weak surface trough developed over the Mid Atlantic on July 20th. This trough combined with heat and humidity allowed isolated to scattered showers and thunderstorms to form across the eastern pan handle of West Virginia. Some storms became severe, downing trees and power lines in Hardy, Hampshire and Mineral counties.

JEFFERSON COUNTY --- 0.2 W SHEPHERDSTOWN [39.43, -77.80]

Storm Data and Unusual Weather Phenomena - July 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/23/08 00:45 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/23/08 00:45 EST		0	Source: Newspaper

A local newspaper reported a large maple tree in Shepherdstown was downed by gusty winds.

A strong cold front combined with an upper level disturbance during the afternoon and evening hours of July 22nd. Cold air aloft combined with warm and humid air at the surface allowed for scattered to numerous showers and thunderstorms to develop across the Mid Atlantic. One storm became severe, downing a tree in the eastern pan handle of West Virginia.

BERKELEY COUNTY --- MARTINSBURG [39.45, -77.97], 1.5 NE NOLLVILLE [39.49, -78.00], 1.5 W INWOOD [39.35, -78.08], 1.3 ESE INWOOD [39.34, -78.03]

	07/23/08 11:00 EST		0	Flood (due to Heavy Rain)
	07/23/08 14:00 EST		0	Source: Newspaper

Local newspapers reported flooding in Inwood and Martinsburg. The ASOS at Martinsburg Airport measured 1.71 inches of rain within 24 hours, setting a new rainfall record.

A slow moving cold front moved towards the Mid Atlantic Coast on July 23rd. This front provided the focus for scattered to numerous showers and thunderstorms to develop during the afternoon and evening hours. With high amounts of moisture in place, some storms produced heavy rainfall. Storms also moved repeatedly over the same areas. This allowed flash flooding to occur. A local newspaper reported flash flooding in Berkeley County.

JEFFERSON COUNTY --- 0.5 E MECHANICSTOWN [39.27, -77.82]

	07/26/08 18:15 EST		0	Hail (0.88 in)
	07/26/08 18:15 EST		0	Source: Amateur Radio

An amateur radio operator reported penny to nickel size hail.

JEFFERSON COUNTY --- 1.1 W BOLIVAR [39.32, -77.77]

	07/26/08 18:36 EST		0	Hail (1.00 in)
	07/26/08 18:36 EST		0	Source: Trained Spotter

A trained spotter reported hail to the size of a quarter.

A sharpening surface trough combined with a weak upper level disturbance on July 26th. Scattered showers and thunderstorms developed during the late afternoon and early evening across the eastern pan handle of West Virginia. Some storms became severe, producing large hail to the size of quarters in Jefferson County.

HAMPSHIRE COUNTY --- 2.2 WNW WAPOCOMO [39.41, -78.77]

	07/30/08 18:06 EST		0	Funnel Cloud
	07/30/08 18:06 EST		0	Source: Trained Spotter

A trained spotter reported a funnel cloud south of Fort Ashby.

A warm front moved north through the Mid Atlantic on the morning of July 30th, bringing increased heat and humidity to the region. An upper level disturbance then moved through the region during the afternoon. This helped to trigger isolated showers and thunderstorms during the late afternoon and evening. A storm that moved over Hampshire County produced a funnel cloud.