

Storm Data and Unusual Weather Phenomena - May 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ATLANTIC NORTH				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.8 SSW PATUXENT RIVER ASOS [38.28, -76.41]				
	05/12/10 20:52 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	05/12/10 20:53 EST		0	Source: ASOS
Wind gusts between 35 and 38 knots were reported at Patuxent River.				
A stationary boundary remained over the Chesapeake Bay on the 12th. Showers and thunderstorms developed along the boundary and an isolated thunderstorm did produce gusty winds.				
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- 4.3 NNW RIVIERA BEACH [39.22, -76.53]				
	05/14/10 18:39 EST		0	Marine Thunderstorm Wind (MG 42 kt)
	05/14/10 18:39 EST		0	Source: Buoy
A wind gust of 42 knots was reported at Key Bridge.				
High pressure over the western Atlantic provided warm and humid air over the Chesapeake Bay on the 14th. An upper-level disturbance passed through triggering showers and thunderstorms. There was just enough instability for an isolated thunderstorm to produce gusty winds.				
MARYLAND, Central				
FREDERICK COUNTY --- 1.7 ESE LADIESBURG [39.57, -77.24]				
	05/03/10 04:46 EST		4K	Thunderstorm Wind (EG 50 kt)
	05/03/10 04:46 EST		0	Source: NWS Storm Survey
National Weather Service storm survey indicated that trees were down in the vicinity of Good Intent Road due to a dry microburst.				
A cold front moved through northern Maryland on the 3rd. Plenty of warm and humid air ahead of the front lead to the development of showers and thunderstorms. An isolated thunderstorm was able to mix down strong winds from aloft to produce damaging winds.				
MONTGOMERY COUNTY --- 1.2 NW FRIENDSHIP HGTS [38.98, -77.10]				
	05/14/10 17:33 EST		0	Hail (1.00 in)
	05/14/10 17:33 EST		0	Source: Public
Hail to the size of quarters was reported at the intersection of Bethesda and Arlington Avenues.				
PRINCE GEORGE'S COUNTY --- 0.7 NNW GREENBELT [39.01, -76.89]				
	05/14/10 17:45 EST		0	Hail (1.00 in)
	05/14/10 17:45 EST		0	Source: CoCoRaHS
Quarter size hail was reported near Greenbelt.				
ANNE ARUNDEL COUNTY --- 1.3 S ODENTON [39.06, -76.70]				
	05/14/10 17:59 EST		0	Hail (1.25 in)
	05/14/10 17:59 EST		0	Source: Other Federal Agency
Hail was estimated to be the size of half dollars in Odenton.				
BALTIMORE COUNTY --- 0.8 WSW MARYLAND LINE [39.72, -76.66]				
	05/14/10 18:02 EST		0	Hail (1.75 in)
	05/14/10 18:02 EST		0	Source: Public
Golf ball sized hail was reported near Maryland Line.				
BALTIMORE COUNTY --- 1.2 WSW ROGERS FORGE [39.40, -76.62]				
	05/14/10 18:03 EST		0	Hail (1.00 in)
	05/14/10 18:03 EST		0	Source: Public

Storm Data and Unusual Weather Phenomena - May 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Quarter size hail was reported near Towson.				
PRINCE GEORGE'S COUNTY --- 0.9 ENE ACCOKEEK [38.68, -77.02]				
	05/14/10 18:05 EST		0	Hail (1.00 in)
	05/14/10 18:05 EST		0	Source: Public
Quarter size hail was reported near Accokeek.				
BALTIMORE COUNTY --- 0.6 NW ROGERS FORGE [39.41, -76.61]				
	05/14/10 18:08 EST		0	Hail (1.00 in)
	05/14/10 18:08 EST		0	Source: Trained Spotter
Hail up to the size of quarters was reported about one mile northeast of Towson.				
CHARLES COUNTY --- 1.5 N WALDORF [38.65, -76.92]				
	05/14/10 18:10 EST		0	Hail (1.50 in)
	05/14/10 18:10 EST		0	Source: Trained Spotter
Hail to the size of ping pong balls was reported near Waldorf.				
CHARLES COUNTY --- 0.7 WSW WALDORF [38.63, -76.93]				
	05/14/10 18:12 EST		0	Hail (2.00 in)
	05/14/10 18:12 EST		0	Source: Trained Spotter
Hail two inches in diameter was reported near St. Charles.				
CHARLES COUNTY --- 1.2 NE WALDORF [38.64, -76.90]				
	05/14/10 18:12 EST		2K	Thunderstorm Wind (EG 55 kt)
	05/14/10 18:12 EST		0	Source: NWS Employee
Two trees were uprooted about three miles west-southwest of Waldorf.				
CHARLES COUNTY --- 1.2 NE WALDORF [38.64, -76.90]				
	05/14/10 18:12 EST		3K	Hail (1.25 in)
	05/14/10 18:12 EST		0	Source: NWS Employee
Hail to the size of half dollars was reported in Waldorf. Some trees were uprooted and one was sheared off.				
CHARLES COUNTY --- 1.2 NE WALDORF [38.64, -76.90]				
	05/14/10 18:14 EST		0.75M	Hail (1.75 in)
	05/14/10 18:14 EST		0	Source: NWS Employee
Hail up to the size of golf balls was reported near Waldorf. Hundreds of cars around the Waldorf area were significantly damaged due to the large hail, including broken wind shields and dented bodies. There were also reports of damage to hundreds of homes as well.				
CHARLES COUNTY --- 1.2 SW MATTAWOMAN [38.64, -76.90]				
	05/14/10 18:15 EST		0	Hail (1.00 in)
	05/14/10 18:15 EST		0	Source: Trained Spotter
Quarter size hail was reported on MD-301 near Waldorf.				
CHARLES COUNTY --- 0.9 NE WHITE PLAINS [38.59, -76.94]				
	05/14/10 18:18 EST		0	Hail (1.00 in)
	05/14/10 18:18 EST		0	Source: Fire Department/Rescue
Quarter size hail was reported in downtown Waldorf. Hail covered the ground.				
CHARLES COUNTY --- 0.4 WSW MATTAWOMAN [38.65, -76.89]				
	05/14/10 18:22 EST		0	Hail (1.50 in)
	05/14/10 18:22 EST		0	Source: Trained Spotter
Hail up to the size of ping pong balls was reported about one mile east-northeast of Waldorf.				

Storm Data and Unusual Weather Phenomena - May 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHARLES COUNTY --- 1.5 SE BEANTOWN [38.61, -76.86]				
	05/14/10 18:22 EST	0		Hail (1.75 in)
	05/14/10 18:22 EST	0		Source: NWS Employee
Golf ball size hail was reported about four miles southeast of Waldorf.				
CHARLES COUNTY --- 1.7 SSE BEANTOWN [38.60, -76.87]				
	05/14/10 18:22 EST	0		Hail (1.75 in)
	05/14/10 18:22 EST	0		Source: Trained Spotter
Hail up to the size of golf balls was reported about three miles southeast of St. Charles.				
CHARLES COUNTY --- 1.4 E MATTAWOMAN [38.65, -76.85]				
	05/14/10 18:30 EST	0		Hail (1.00 in)
	05/14/10 18:30 EST	0		Source: Trained Spotter
Quarter size hail was reported about three miles east of Northwood.				
BALTIMORE COUNTY --- 1.1 E HALETHORPE [39.25, -76.68]				
	05/14/10 18:35 EST	0		Hail (1.00 in)
	05/14/10 18:35 EST	0		Source: Trained Spotter
Quarter size hail was reported near the intersection of Interstates 695 and 95.				
CALVERT COUNTY --- 1.3 NNE BARSTOW [38.55, -76.61]				
	05/14/10 18:45 EST	0		Hail (1.00 in)
	05/14/10 18:45 EST	0		Source: Trained Spotter
Quarter size hail was reported near Prince Frederick.				
<p>High pressure over the western Atlantic pumped in plenty of warm and humid air on the 14th. An upper-level disturbance passed through the region during the afternoon and evening hours, bringing showers and thunderstorms. Moderate to high amounts of instability was present due to relatively colder air aloft and warm, moist air at the surface. This caused thunderstorms to become severe with large hail being the primary threat.</p>				
ALLEGANY COUNTY --- 0.3 N MIDLOTHIAN [39.63, -78.95]				
	05/28/10 13:37 EST	0		Hail (1.75 in)
	05/28/10 13:37 EST	0		Source: Trained Spotter
Golf ball size hail was reported in Midlothian.				
ALLEGANY COUNTY --- 0.1 E FROSTBURG [39.65, -78.93]				
	05/28/10 13:40 EST	0		Hail (1.00 in)
	05/28/10 13:40 EST	0		Source: COOP Observer
Quarter size hail was reported near Frostburg.				
<p>A backdoor cold front passed through western Maryland on the 28th. Showers and thunderstorms developed near the boundary. Warm and humid air ahead of the front lead to moderate amounts of instability. Some thunderstorms became severe with large hail the primary threat.</p>				
ALLEGANY COUNTY --- 0.2 SSW MT SAVAGE [39.70, -78.88], 0.2 SSE MT SAVAGE [39.70, -78.88], 0.4 SE MT SAVAGE [39.70, -78.87], 0.5 S MT SAVAGE [39.69, -78.88]				
	05/28/10 15:04 EST	0		Flash Flood (due to Heavy Rain)
	05/28/10 15:04 EST	0		Source: Fire Department/Rescue
Roads were closed due to flash flooding around Mount Savage.				
ALLEGANY COUNTY --- 0.5 NNW FROSTBURG [39.66, -78.93], 0.7 N FROSTBURG [39.66, -78.93], 0.7 NNE FROSTBURG [39.66, -78.92], 0.3 NNE FROSTBURG [39.65, -78.93]				
	05/28/10 15:05 EST	0		Flash Flood (due to Heavy Rain)
	05/28/10 15:05 EST	0		Source: Fire Department/Rescue

Storm Data and Unusual Weather Phenomena - May 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Roads were closed due to flash flooding around Frostburg.

A stationary boundary remained over western Maryland on the 28th. An easterly flow off the Atlantic Ocean pumped in plenty of moisture. Showers and thunderstorms developed near the boundary. Due to a light steering flow aloft showers and thunderstorms were slow to move. Therefore, heavy amounts of rain fell in short periods of time across western Maryland. This resulted in areas of flash flooding.

VIRGINIA, North

FAUQUIER COUNTY --- 1.1 SW BROAD RUN [38.82, -77.73]

05/14/10 16:50 EST	0	Hail (1.00 in)
05/14/10 16:50 EST	0	Source: Trained Spotter

Hail was estimated to be the size of quarters about one mile west-southwest of Broad Run.

PRINCE WILLIAM COUNTY --- 0.9 NNE BUCKLAND [38.79, -77.66]

05/14/10 16:50 EST	0	Hail (1.50 in)
05/14/10 16:50 EST	0	Source: Public

Hail up to the size of ping pongs was reported about two miles southwest of Haymarket.

PRINCE WILLIAM COUNTY --- 0.7 SW HAYMARKET [38.81, -77.64]

05/14/10 16:52 EST	0	Hail (1.75 in)
05/14/10 16:52 EST	0	Source: Public

Hail was estimated to be the size of golf balls in Haymarket.

PRINCE WILLIAM COUNTY --- 0.9 NW GAINESVILLE [38.81, -77.61]

05/14/10 17:05 EST	0	Hail (1.00 in)
05/14/10 17:05 EST	0	Source: Trained Spotter

Hail was estimated to be the size of quarters about two miles southeast of Haymarket.

FAIRFAX COUNTY --- 1.1 SSW CHANTILLY [38.89, -77.44]

05/14/10 17:08 EST	0	Hail (1.00 in)
05/14/10 17:08 EST	0	Source: Trained Spotter

Hail up to the size of quarters was reported near Chantilly.

FAIRFAX COUNTY --- 1.6 WNW PENDER [38.88, -77.40]

05/14/10 17:12 EST	0	Hail (1.00 in)
05/14/10 17:12 EST	0	Source: Trained Spotter

Hail was estimated to be the size of quarters about two miles east-southeast of Chantilly.

FAIRFAX COUNTY --- 0.3 SE CHANTILLY [38.90, -77.43]

05/14/10 17:13 EST	0	Hail (1.25 in)
05/14/10 17:13 EST	0	Source: NWS Employee

Half dollar size hail was reported on Route 28 at the exit for the Air and Space Museum.

FAIRFAX COUNTY --- 1.0 ENE CHANTILLY [38.91, -77.41]

05/14/10 17:14 EST	0	Hail (1.00 in)
05/14/10 17:14 EST	0	Source: Public

Hail up to the size of quarters was reported about two miles northeast of Chantilly.

FAIRFAX COUNTY --- 0.8 ESE FLORIS [38.92, -77.41]

05/14/10 17:15 EST	0	Hail (1.00 in)
05/14/10 17:15 EST	0	Source: Amateur Radio

Storm Data and Unusual Weather Phenomena - May 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Hail up to the size of quarters was measured about three miles northeast of Chantilly.

FAIRFAX COUNTY --- 1.0 SSW SUNSET HILLS [38.94, -77.35]

	05/14/10 17:15 EST		0	Hail (1.50 in)
	05/14/10 17:15 EST		0	Source: Trained Spotter

Hail up to the size of ping pong balls was reported near Reston.

FAIRFAX COUNTY --- 1.3 E CLARKS CROSSING [38.92, -77.28]

	05/14/10 17:19 EST		0	Hail (1.75 in)
	05/14/10 17:19 EST		0	Source: Trained Spotter

Hail up to the size of golf balls was reported about two miles northwest of Vienna.

PRINCE WILLIAM COUNTY --- 0.8 ESE RIXLEW [38.75, -77.49]

	05/14/10 17:22 EST		0	Hail (1.00 in)
	05/14/10 17:22 EST		0	Source: Amateur Radio

Hail up to the size of quarters was reported about one mile south-southeast of Manassas.

FAIRFAX COUNTY --- 0.1 SW TYSONS CORNER [38.92, -77.23]

	05/14/10 17:25 EST		0	Hail (1.00 in)
	05/14/10 17:25 EST		0	Source: Trained Spotter

Hail up to the size of quarters was reported in Tysons Corner.

FAIRFAX COUNTY --- 0.7 NNW CHESTERBROOK WOODS [38.94, -77.18]

	05/14/10 17:25 EST		0	Hail (1.00 in)
	05/14/10 17:25 EST		0	Source: Trained Spotter

Hail to the size of quarters was reported in Mclean.

FAIRFAX COUNTY --- 0.7 SE KENMORE [38.94, -77.26]

	05/14/10 17:25 EST		0	Hail (2.00 in)
	05/14/10 17:25 EST		0	Source: CoCoRaHS

Hail estimated to be about two inches in diameter fell about three miles north of Vienna.

FAIRFAX COUNTY --- 0.8 SW RESTON [38.96, -77.31]

	05/14/10 17:25 EST		0	Hail (1.25 in)
	05/14/10 17:25 EST		0	Source: Trained Spotter

Half dollar size hail was reported near Reston.

PRINCE WILLIAM COUNTY --- 0.8 N LONGVIEW [38.74, -77.47]

	05/14/10 17:25 EST		0	Hail (1.50 in)
	05/14/10 17:25 EST		0	Source: Trained Spotter

Hail up to the size of ping pong balls was reported about one mile east-southeast of Manassas.

PRINCE WILLIAM COUNTY --- 0.7 NW BUCKHALL [38.74, -77.44]

	05/14/10 17:26 EST		0	Hail (1.00 in)
	05/14/10 17:26 EST		0	Source: Trained Spotter

Hail up to the size of quarters was reported about three miles east-southeast of Manassas.

PRINCE WILLIAM COUNTY --- 1.1 W RIXLEW [38.75, -77.52]

	05/14/10 17:28 EST		0	Hail (1.00 in)
	05/14/10 17:28 EST		0	Source: Trained Spotter

Hail up to the size of quarters was reported about two miles west-southwest of Manassas.

Storm Data and Unusual Weather Phenomena - May 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
PRINCE WILLIAM COUNTY --- 1.3 ENE WOODBRIDGE ARPT [38.69, -77.30]				
	05/14/10 17:31 EST		0	Hail (1.00 in)
	05/14/10 17:31 EST		0	Source: Public
Hail up to the size of quarters was reported near Lake Ridge.				
ARLINGTON COUNTY --- 0.5 SSE ARLINGTON [38.87, -77.13]				
	05/14/10 17:40 EST		0	Hail (1.00 in)
	05/14/10 17:40 EST		0	Source: Trained Spotter
Hail to the size of quarters was measured about one mile west from the intersection of Glebe Road and Wilson Boulevard.				
PAGE COUNTY --- 1.1 S MARKSVILLE [38.56, -78.48]				
	05/14/10 17:42 EST		0	Hail (1.00 in)
	05/14/10 17:42 EST		0	Source: Trained Spotter
Hail up to the size of quarters was reported about two miles east-southeast of Stanley.				
ALBEMARLE COUNTY --- 1.1 NW RED HILL [37.98, -78.64]				
	05/14/10 18:40 EST		0	Hail (1.25 in)
	05/14/10 18:40 EST		0	Source: Public
Half dollar size hail was reported about three miles north of North Garden.				
ALBEMARLE COUNTY --- 0.6 SE BOYD TAVERN [37.97, -78.34]				
	05/14/10 19:12 EST		0	Hail (1.00 in)
	05/14/10 19:12 EST		0	Source: Trained Spotter
Quarter size hail was reported about one mile south of Boyd Tavern.				
<p>High pressure over the western Atlantic pumped in plenty of warm and humid air on the 14th. An upper-level disturbance passed through the region during the afternoon and evening hours, bringing showers and thunderstorms. Moderate to high amounts of instability was present due to relatively colder air aloft and warm, moist air at the surface. This caused thunderstorms to become severe with large hail being the primary threat.</p>				
LOUDOUN COUNTY --- 0.7 NW ARCOLA [38.96, -77.54], 0.7 WNW ARCOLA [38.95, -77.54], 0.3 W ARCOLA [38.95, -77.54], 0.3 N ARCOLA [38.95, -77.53]				
	05/23/10 12:24 EST		0	Flash Flood (due to Heavy Rain)
	05/23/10 12:24 EST		0	Source: Emergency Manager
Belmont Ridge Road was closed due to flash flooding. The intersection of Evergreen Mills and Belmont Ridge Road was under water. Gum Springs Road was also closed due to flash flooding.				
<p>High pressure over the Atlantic provided an easterly flow which pumped in plenty of moisture from the ocean. An upper-level low remained nearly stationary over the region, triggering showers and thunderstorms. With light winds aloft showers and thunderstorms were slow to move. Showers and thunderstorms produced locally heavy amounts of rain in a short period of time and this lead to an isolated flash flood event in northern Virginia.</p>				
HIGHLAND COUNTY --- 2.9 N HEADWATERS [38.36, -79.42]				
	05/27/10 15:12 EST		0	Hail (1.00 in)
	05/27/10 15:12 EST		0	Source: Public
Quarter size hail was reported near Head Waters.				
AUGUSTA COUNTY --- 2.0 WNW JENNINGS GAP [38.28, -79.23]				
	05/27/10 16:05 EST		0	Hail (1.00 in)
	05/27/10 16:05 EST		0	Source: Public
Quarter size hail was reported about four miles east-northeast of Augusta.				
SHENANDOAH COUNTY --- 0.5 NNE EDITH XRDS [38.78, -78.50]				

Storm Data and Unusual Weather Phenomena - May 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/27/10 18:54 EST		0	Hail (1.00 in)
	05/27/10 18:54 EST		0	Source: Public
Quarter size hail was estimated near Kings Crossing.				
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SHENANDOAH COUNTY --- 1.5 NE DILBECK [38.91, -78.35]				
	05/27/10 19:30 EST		0	Thunderstorm Wind (EG 50 kt)
	05/27/10 19:30 EST		0	Source: Trained Spotter
One inch limbs were broken about two miles northeast of Dilbeck.				
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CLARKE COUNTY --- 1.6 SW BERRYVILLE [39.14, -77.99]				
	05/27/10 20:30 EST		0	Hail (1.00 in)
	05/27/10 20:30 EST		0	Source: Public
Quarter size hail was estimated near Berryville.				
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WARREN COUNTY --- 2.7 ESE MILLDALE [38.98, -78.06]				
	05/27/10 21:01 EST		0	Thunderstorm Wind (EG 52 kt)
	05/27/10 21:01 EST		0	Source: Trained Spotter
A spotter estimated wind gusts around 60 mph near Howellsville.				
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WARREN COUNTY --- 2.7 ESE MILLDALE [38.98, -78.06]				
	05/27/10 21:04 EST		0	Hail (1.00 in)
	05/27/10 21:04 EST		0	Source: Trained Spotter
Quarter size hail was reported near Howellsville.				
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PRINCE WILLIAM COUNTY --- 0.7 SW HAYMARKET [38.81, -77.64]				
	05/27/10 21:05 EST		0	Hail (1.00 in)
	05/27/10 21:05 EST		0	Source: Amateur Radio
Quarter size hail was reported in Haymarket.				
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LOUDOUN COUNTY --- 1.0 S ARCOLA GLASCOCK ARPT [38.92, -77.55]				
	05/27/10 21:15 EST		1.50K	Thunderstorm Wind (EG 50 kt)
	05/27/10 21:15 EST		0	Source: Trained Spotter
An eight inch diameter tree was knocked down into a fence on Destiny Road in Aldie.				
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PRINCE WILLIAM COUNTY --- 1.8 N WEST GATE OF LOMOND [38.80, -77.50]				
	05/27/10 21:20 EST		0	Hail (1.00 in)
	05/27/10 21:20 EST		0	Source: Public
Quarter size hail was reported near Sudley.				
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FAIRFAX COUNTY --- 0.9 NNW CLIFTON [38.79, -77.38]				
	05/27/10 21:38 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	05/27/10 21:38 EST		0	Source: Trained Spotter
Large branches were down all over a residents property near Clifton.				
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ORANGE COUNTY --- 0.7 NNW GORDONSVILLE [38.16, -78.18]				
	05/27/10 22:35 EST		0	Hail (1.25 in)
	05/27/10 22:35 EST		0	Source: Public
Half dollar size hail was reported near Gordonsville.				
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ORANGE COUNTY --- 0.5 E EHEART [38.20, -78.31]				
	05/27/10 23:12 EST		0	Hail (1.00 in)
	05/27/10 23:12 EST		0	Source: Trained Spotter

Storm Data and Unusual Weather Phenomena - May 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Quarter size hail was reported near Eheart.

A stationary boundary remained over northern and central Virginia on the 27th. A northwest flow aloft provided cold air advection at the mid-levels of the atmosphere. The combination of warm and humid conditions near the surface and colder air aloft led to moderate amounts of instability. Some of the thunderstorms that developed near the front became severe. Large hail was the primary threat due to the colder air aloft.

AUGUSTA COUNTY --- 0.4 E JENNINGS GAP [38.27, -79.19]

05/28/10 13:45 EST			2K	Thunderstorm Wind (EG 50 kt)
05/28/10 13:45 EST			0	Source: Public

Many large limbs were down at Jennings Gap.

PAGE COUNTY --- 1.2 E ALMA [38.60, -78.53]

05/28/10 14:47 EST			0	Hail (1.00 in)
05/28/10 14:47 EST			0	Source: Public

Half dollar size hail was reported near Stanley.

NELSON COUNTY --- 3.6 E MONTEBELLO [37.86, -79.08]

05/28/10 15:39 EST			0	Hail (1.00 in)
05/28/10 15:39 EST			0	Source: Public

Quarter size hail was reported about three miles east of Montebello.

A backdoor cold front passed through central Virginia on the 28th. Showers and thunderstorms developed near the boundary. Warm and humid air ahead of the front lead to moderate amounts of instability. Some thunderstorms became severe with large hail the primary threat.

NELSON COUNTY --- 1.2 SE STAGE BRIDGE [37.82, -78.77], 1.1 SW FABER [37.82, -78.76], 1.2 NNE ROCKFISH [37.82, -78.76], 1.1 NNE ROCKFISH [37.82, -78.77]

05/28/10 17:40 EST			0	Flash Flood (due to Heavy Rain)
05/28/10 17:40 EST			0	Source: Fire Department/Rescue

Two feet of water was flowing across the intersection of State Route 617 and State Route 620.

A stationary boundary remained over central on the 28th. An easterly flow off the Atlantic Ocean pumped in plenty of moisture. Showers and thunderstorms developed near the boundary. Due to a light steering flow aloft showers and thunderstorms were slow to move. Therefore, heavy amounts of rain fell in short periods of time across portions of central Virginia.

SHENANDOAH COUNTY --- 1.2 ENE WOODSTOCK [38.89, -78.50]

05/31/10 15:42 EST			0	Hail (1.00 in)
05/31/10 15:42 EST			0	Source: Trained Spotter

Quarter size hail was reported near Woodstock.

FREDERICK COUNTY --- 1.9 W HAYFIELD [39.23, -78.33]

05/31/10 16:50 EST			3K	Thunderstorm Wind (EG 50 kt)
05/31/10 16:50 EST			0	Source: Public

Trees were down along with large six inch diameter limbs.

High pressure over the Atlantic pumped in warm and humid air across northern and central Virginia. An upper-level low moved into the area on the 31st triggering showers and thunderstorms. Due to moderate amounts of instability there were a couple of thunderstorms that became severe.

WEST VIRGINIA, East

MINERAL COUNTY --- 0.9 SE BLAINE [39.39, -79.16]

05/14/10 17:33 EST			0	Hail (1.00 in)
05/14/10 17:33 EST			0	Source: Amateur Radio

Storm Data and Unusual Weather Phenomena - May 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Quarter size hail was reported about one mile north-northwest of Elk Garden.

MINERAL COUNTY --- 0.9 SE BLAINE [39.39, -79.16]

	05/14/10 17:33 EST		0	Thunderstorm Wind (MG 52 kt)
	05/14/10 17:33 EST		0	Source: Amateur Radio

A wind gust of 60 mph was measured about one mile north-northwest of Elk Garden.

High pressure over the western Atlantic pumped in plenty of warm and humid air on the 14th. An upper-level disturbance passed through the region during the afternoon and evening hours, bringing showers and thunderstorms. Moderate to high amounts of instability was present due to relatively colder air aloft and warm, moist air at the surface. This caused thunderstorms to become severe with large hail being the primary threat.

PENDLETON COUNTY --- 0.6 NE BRANDYWINE [38.63, -79.24]

	05/27/10 16:48 EST		0	Hail (1.00 in)
	05/27/10 16:48 EST		0	Source: Public

Quarter size hail was reported near Brandywine.

HARDY COUNTY --- 5.6 SSW LOST CITY [38.86, -78.89]

	05/27/10 18:00 EST		0	Hail (1.00 in)
	05/27/10 18:00 EST		0	Source: Public

Quarter size hail was reported near Mathias.

A stationary boundary remained over eastern West Virginia on the 27th. A northwest flow aloft provided cold air advection at the mid-levels of the atmosphere. The combination of warm and humid conditions near the surface and colder air aloft led to moderate amounts of instability. Some of the thunderstorms that developed near the front became severe. Large hail was the primary threat due to the colder air aloft.

GRANT COUNTY --- 0.2 SSE MAYSVILLE [39.12, -79.17], 0.3 SSE MAYSVILLE [39.12, -79.17], 0.3 SE MAYSVILLE [39.12, -79.17], 0.2 SE MAYSVILLE [39.12, -79.17]

	05/28/10 15:33 EST		0	Flash Flood (due to Heavy Rain)
	05/28/10 15:33 EST		0	Source: County Official

Six inches of water was flowing over the road at the intersection of Route 42 and Knobley Road.

HARDY COUNTY --- 1.3 NNE TAYLOR [39.07, -78.97], 0.3 WSW MOOREFIELD MUNI ARPT [39.07, -78.96], 0.9 SSW MOOREFIELD MUNI ARPT [39.06, -78.96], 0.8 NNE TAYLOR [39.06, -78.97]

	05/28/10 17:04 EST		5K	Flash Flood (due to Heavy Rain)
	05/28/10 17:04 EST		0	Source: Fire Department/Rescue

A medical building was flooded. There were mudslides and flooded roads reported throughout the county.

A stationary boundary remained over eastern West Virginia on the 28th. An easterly flow off the Atlantic Ocean pumped in plenty of moisture. Showers and thunderstorms developed near the boundary. Due to a light steering flow aloft showers and thunderstorms were slow to move. Therefore, heavy amounts of rain fell in short periods of time across eastern West Virginia. This resulted in areas of flash flooding.

HARDY COUNTY --- 0.4 NNW INKERMAN [39.13, -78.77]

	05/28/10 16:05 EST		3K	Thunderstorm Wind (EG 50 kt)
	05/28/10 16:05 EST		0	Source: Fire Department/Rescue

Several trees were down along North River Road.

A backdoor cold front passed through eastern West Virginia on the 28th. Showers and thunderstorms developed near the boundary. Warm and humid air ahead of the front lead to moderate amounts of instability. An isolated thunderstorm produced damaging winds.