

Storm Data and Unusual Weather Phenomena - April 2020

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
DISTRICT OF COLUMBIA				
DISTRICT OF COLUMBIA COUNTY --- 1.0 W TENLEYTOWN [38.95, -77.09]				
	04/08/20 03:19 EST		5K	Thunderstorm Wind (EG 55 kt)
	04/08/20 03:19 EST		0	Source: Broadcast Media
Trees were blown down in the 4500 block of 43rd Place Northwest, the 4000 block of Yuma Street Northwest, and on Brandywine Street Northwest between 47th Street Northwest and 45th Street Northwest.				
A cold front passed through the area. Despite limited instability, there was a strong wind field aloft along with steep low-level lapse rates. This resulted in some damaging wind gusts with showers and thunderstorms.				
MARYLAND, Central				
(MD-Z014) ANNE ARUNDEL, (MD-Z017) ST. MARY'S				
	04/04/20 22:35 EST		0	Coastal Flood
	04/05/20 12:00 EST		0	
A southerly flow led to elevated water levels. Moderate tidal flooding occurred around times of high tide.				
CHARLES COUNTY --- 2.3 SE COBB IS [38.24, -76.83]				
	04/07/20 15:15 EST		0	Thunderstorm Wind (MG 50 kt)
	04/07/20 15:15 EST		0	Source: Buoy
A wind gust of 50 knots was reported at Cobb Point.				
ST. MARY'S COUNTY --- 0.9 W LEONARDTOWN [38.30, -76.65]				
	04/07/20 15:16 EST		0	Thunderstorm Wind (EG 50 kt)
	04/07/20 15:16 EST		0	Source: 911 Call Center
A tree was blown over near the intersection of MD-5 Point Lookout Road and Clarks Rest Road.				
HARFORD COUNTY --- 0.6 NW ALDINO ARPT [39.58, -76.21]				
	04/07/20 23:59 EST		0	Hail (1.00 in)
	04/07/20 23:59 EST		0	Source: Broadcast Media
ALLEGANY COUNTY --- 0.3 W CRESAPTOWN [39.60, -78.84]				
	04/08/20 01:43 EST		5K	Thunderstorm Wind (EG 55 kt)
	04/08/20 01:43 EST		0	Source: 911 Call Center
Trees were reported blown down on MD-53 Winchester Road near Cesaptown.				
ALLEGANY COUNTY --- 0.5 W LOCUST GROVE [39.68, -78.79]				
	04/08/20 01:43 EST		5K	Thunderstorm Wind (EG 55 kt)
	04/08/20 01:43 EST		0	Source: 911 Call Center
Trees were reported blown down near the intersection of US-40 National Highway Southwest and MD-36 Mount Savage Road Northwest near La Vale, and on MD-36 Mount Savage Road northwest in Corriganville.				
WASHINGTON COUNTY --- 1.4 N KEMPS [39.64, -77.82]				
	04/08/20 02:23 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/08/20 02:23 EST		0	Source: 911 Call Center
A tree was blown down on Walnut Point Road.				
WASHINGTON COUNTY --- 1.0 SSE BREATHEHSVILLE [39.54, -77.71]				
	04/08/20 02:27 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/08/20 02:27 EST		0	Source: 911 Call Center

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A tree was blown down on MD-68 Lappans Road near Printz Road.				
FREDERICK COUNTY --- 0.3 S PETERSVILLE [39.35, -77.62]				
	04/08/20 02:44 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/08/20 02:44 EST		0	Source: 911 Call Center
A tree was blown down on MD-180 Jefferson Pike between Weston Drive and Catholic Church Road.				
CARROLL COUNTY --- 13.4 NE MULLINIX [39.46, -77.00]				
	04/08/20 02:55 EST		5K	Thunderstorm Wind (EG 60 kt)
	04/08/20 02:55 EST		0	Source: 911 Call Center
Numerous trees were reported down in the vicinity of MD-97 New Washington Road and Bartholow Road in the Sykesville area.				
MONTGOMERY COUNTY --- 1.0 SSE CLOPPER [39.14, -77.22]				
	04/08/20 03:05 EST		0	Thunderstorm Wind (MG 51 kt)
	04/08/20 03:05 EST		0	Source: 911 Call Center
A 51-knot (59 MPH) wind gust was measured at a mesonet at the National Institute of Standards and Technology in Gaithersburg.				
BALTIMORE COUNTY --- 1.0 SE GRANITE [39.34, -76.86]				
	04/08/20 03:07 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/08/20 03:07 EST		0	Source: Department of Highways
A tree was blown down on MD-125 Old Court Road at Davis Avenue.				
MONTGOMERY COUNTY --- 0.4 NNW SOMERSET [38.96, -77.10]				
	04/08/20 03:18 EST		50K	Thunderstorm Wind (EG 55 kt)
	04/08/20 03:18 EST		0	Source: Emergency Manager
Multiple trees were blown down on Newport Avenue and Earlston Drive in Bethesda, including one large tree which fell onto two cars in the 5000 block of Newport Avenue.				
A cold front passed through the area. Despite limited instability, there was a strong wind field aloft along with steep low-level lapse rates. This resulted in some damaging wind gusts with showers and thunderstorms.				
FREDERICK COUNTY --- 0.7 W MIDDLETOWN [39.45, -77.56]				
	04/09/20 10:55 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/09/20 10:55 EST		0	Source: 911 Call Center
A tree was blown down on Marker Road.				
FREDERICK COUNTY --- 0.6 NNE FEAGAVILLE [39.39, -77.47]				
	04/09/20 11:03 EST		3K	Thunderstorm Wind (EG 55 kt)
	04/09/20 11:03 EST		0	Source: Department of Highways
A tree was blown down on MD-180 Jefferson Pike near US-340. Another tree was blown down on MD-180 Jefferson Pike near Teen Barnes Road. A tree was blown down in the 5500 block of MD-85 Buckeystown Pike.				
FREDERICK COUNTY --- 0.7 NW FREDERICK JCT [39.39, -77.41]				
	04/09/20 11:05 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/09/20 11:05 EST		0	Source: 911 Call Center
A tree was blown down in the 5500 block of MD-85 Buckeystown Pike.				
MONTGOMERY COUNTY --- 0.3 E DICKERSON [39.22, -77.42]				
	04/09/20 11:14 EST		0	Thunderstorm Wind (EG 50 kt)
	04/09/20 11:14 EST		0	Source: Emergency Manager
Wires were blown down in the 20500 block of Mount Ephraim Road.				
CARROLL COUNTY --- 1.6 WNW SAMS CREEK [39.51, -77.13]				

Storm Data and Unusual Weather Phenomena - April 2020

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/09/20 11:17 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/09/20 11:17 EST		0	Source: 911 Call Center

A tree was blown down on Sams Creek Road at MD-31 New Windsor Road.

CARROLL COUNTY --- 1.8 E SPRINGS MILL [39.55, -76.99]

	04/09/20 11:20 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/09/20 11:20 EST		0	Source: 911 Call Center

A tree was blown down on MD-97 New Washington Road north of Hook Road.

HARFORD COUNTY --- 1.1 W LAUREL BROOK [39.52, -76.45]

	04/09/20 11:45 EST		0	Thunderstorm Wind (EG 50 kt)
	04/09/20 11:45 EST		0	Source: 911 Call Center

Wires were blown down in the 2000 block of Laurel Brook Road.

HARFORD COUNTY --- 0.8 NNW POOLE [39.64, -76.26]

	04/09/20 11:47 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/09/20 11:47 EST		0	Source: 911 Call Center

A large tree limb was blown down blocking Arena Road.

HARFORD COUNTY --- 0.8 ESE CALVARY [39.53, -76.24]

	04/09/20 11:57 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/09/20 11:57 EST		0	Source: 911 Call Center

A tree was blown down in the 3300 block of James Run Road.

A cold front passed through on the 9th. Stronger winds were aloft, and some were able to mix down in heavier showers and thunderstorms.

(MD-Z004) FREDERICK, (MD-Z006) NORTHERN BALTIMORE, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z507) NORTHWEST HARFORD

	04/10/20 23:00 EST		0	Frost/Freeze
	04/11/20 08:00 EST		0	

Canadian high pressure ushered in chilly conditions late on the 10th through the early morning of the 11th. Temperatures dropped below freezing in some spots across norther-central Maryland where the growing season was in effect.

(MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT

	04/13/20 05:00 EST		5K	High Wind (MAX 55 kt)
	04/13/20 13:45 EST		0	

Strong low pressure to the northwest along with high pressure over the Atlantic resulted in a strong pressure gradient over southern Maryland. This led to high winds with gusts in excess of 58 mph.

BALTIMORE COUNTY --- 3.8 ENE FRANKLINVILLE [39.48, -76.34], 3.8 ENE FRANKLINVILLE [39.47, -76.34], 3.7 ENE FRANKLINVILLE [39.47, -76.34], 3.7 ENE FRANKLINVILLE [39.48, -76.34]

	04/13/20 07:28 EST		0	Flood (due to Heavy Rain)
	04/13/20 10:13 EST		0	Source: River/Stream Gage

The water level rose above minor flood stage and it crested at 8.67 feet at 9:15 AM EST. Winter Run Road was flooded near Singer Road.

HOWARD COUNTY --- 0.4 NNE ELKRIDGE [39.23, -76.72], 0.3 NNE ELKRIDGE [39.22, -76.72], 0.3 ENE ELKRIDGE [39.22, -76.72], 0.4 ENE ELKRIDGE [39.22, -76.71]

	04/13/20 09:16 EST		0	Flood (due to Heavy Rain)
	04/13/20 20:58 EST		0	Source: River/Stream Gage

The water level rose above minor flood stage along the Patapsco River at Elkridge. The level crested at 17.56 feet at 4:50 PM EST.

BALTIMORE COUNTY --- 0.5 NNE COCKEYSVILLE [39.49, -76.64], 0.6 NNE COCKEYSVILLE [39.49, -76.65], 0.6 NNE COCKEYSVILLE [39.49, -76.64], 0.6 NNE COCKEYSVILLE [39.49, -76.64]

Storm Data and Unusual Weather Phenomena - April 2020

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/13/20 14:24 EST		0	Flood (due to Heavy Rain)
	04/13/20 14:50 EST		0	Source: River/Stream Gage

The water level rose above minor flood stage at Beaverdam Run in Cockeysville. The water crested at 9.04 feet at 2:35 PM EST. Beaver Run Lane was flooded.

Copious amounts of moisture along with strong lift from a cold front led to areas of heavy rainfall on the 13th. The heavy rain caused instances of flooding.

(MD-Z011) SOUTHERN BALTIMORE, (MD-Z014) ANNE ARUNDEL

	04/13/20 08:35 EST		0	Coastal Flood
	04/13/20 13:38 EST		0	

A southerly flow led to moderate tidal flooding.

PRINCE GEORGE'S COUNTY --- 0.7 NNW SEAT PLEASANT [38.89, -76.91]

	04/13/20 12:14 EST		0	Thunderstorm Wind (EG 50 kt)
	04/13/20 12:14 EST		0	Source: 911 Call Center

Wires were blown down in the 5800 block of Burgundy Street.

FREDERICK COUNTY --- 0.8 SW ST ANTHONY [39.67, -77.36]

	04/13/20 12:22 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/13/20 12:22 EST		0	Source: 911 Call Center

A tree was blown down in the 16000 block of Saint Anthony Road.

ANNE ARUNDEL COUNTY --- 1.3 WSW LAKE SHR [39.09, -76.50]

	04/13/20 12:36 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/13/20 12:36 EST		0	Source: 911 Call Center

A tree was blown down on Lakeshore Drive.

ANNE ARUNDEL COUNTY --- 1.5 SE ANNAPOLIS [38.95, -76.48]

	04/13/20 12:42 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/13/20 12:42 EST		0	Source: 911 Call Center

A tree was blown down on Yachtsman Way.

CARROLL COUNTY --- 0.3 SSW AVONDALE [39.57, -77.03]

	04/13/20 12:50 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/13/20 12:50 EST		0	Source: 911 Call Center

A tree was blown down in the 300 block of Avalon Lane in Westminster.

MONTGOMERY COUNTY --- 1.5 E CEDAR GROVE [39.25, -77.20]

	04/13/20 12:51 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/13/20 12:51 EST		0	Source: 911 Call Center

A tree fell onto a house in the 24000 block of Bush Hill Road.

MONTGOMERY COUNTY --- 2.2 SW POOLESVILLE [39.13, -77.45]

	04/13/20 12:51 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/13/20 12:51 EST		0	Source: 911 Call Center

Wires were blown down in the 5600 block of Edwards Ferry Road.

MONTGOMERY COUNTY --- 1.6 SSE BARNESVILLE [39.20, -77.37]

	04/13/20 12:53 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/13/20 12:53 EST		0	Source: 911 Call Center

Multiple reports of large branches blew down onto wires in the 20800 block of Peach Tree Road.

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MONTGOMERY COUNTY --- 0.2 NNE QUINCE ORCHARD [39.12, -77.25]				
	04/13/20 13:02 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/13/20 13:02 EST		0	Source: 911 Call Center
A tree blew down onto the porch of a residence on Ridgepoint Place.				
MONTGOMERY COUNTY --- 1.0 SSE CLOPPER [39.14, -77.22]				
	04/13/20 13:05 EST		0	Thunderstorm Wind (MG 52 kt)
	04/13/20 13:05 EST		0	Source: Mesonet
A 52-knot (60 MPH) wind gust was measured by a mesonet at the National Institute of Standards and Technology in Gaithersburg.				
MONTGOMERY COUNTY --- 0.5 SSE REDLAND [39.14, -77.15]				
	04/13/20 13:08 EST		1K	Thunderstorm Wind (EG 55 kt)
	04/13/20 13:08 EST		0	Source: Emergency Manager
A tree fell onto a car in the 17500 block of Ira Court.				
MONTGOMERY COUNTY --- 1.0 ESE DERWOOD [39.11, -77.15]				
	04/13/20 13:09 EST		0.30M	Thunderstorm Wind (EG 60 kt)
	04/13/20 13:09 EST		0	Source: Trained Spotter
Multiple trees were blown down along Buena Vista Drive, a few of which fell onto homes resulting in structural damage.				
MONTGOMERY COUNTY --- 1.6 NE WESTMORE [39.12, -77.13]				
	04/13/20 13:10 EST		20K	Thunderstorm Wind (EG 55 kt)
	04/13/20 13:10 EST		0	Source: Emergency Manager
A tree fell onto a car in the 15700 block of Needwood Lake Circle.				
MONTGOMERY COUNTY --- 0.9 SW OLNEY [39.14, -77.08]				
	04/13/20 13:12 EST		0.50M	Thunderstorm Wind (EG 75 kt)
	04/13/20 13:12 EST		0	Source: Emergency Manager
Numerous (hundreds) of trees (healthy pine and oak trees) were uprooted or snapped from near Norbeck Coutry Club to Winter Laurel Drive in Olney. Some trees fell onto houses and cars.				
MONTGOMERY COUNTY --- 0.1 E SANDY SPG [39.15, -77.03]				
	04/13/20 13:14 EST		1K	Thunderstorm Wind (EG 60 kt)
	04/13/20 13:14 EST		0	Source: Trained Spotter
A large tree blew down across the roadway on Cattail Lane. Other large branches were blown down in the area.				
MONTGOMERY COUNTY --- 0.0 E WHEATON [39.05, -77.05]				
	04/13/20 13:20 EST		0	Hail (1.00 in)
	04/13/20 13:20 EST		0	Source: Trained Spotter
HOWARD COUNTY --- 0.9 SE EAST LIOAK [39.22, -76.87]				
	04/13/20 13:22 EST		20K	Thunderstorm Wind (EG 50 kt)
	04/13/20 13:22 EST		0	Source: Trained Spotter
A tree blew down onto a car off of Green Mountain Circle in Columbia.				
ANNE ARUNDEL COUNTY --- 2.8 WNW MARYLAND CITY [39.12, -76.87]				
	04/13/20 13:25 EST		5K	Thunderstorm Wind (EG 55 kt)
	04/13/20 13:25 EST		0	Source: NWS Employee
Several trees were blown down in the Laurel area.				
HARFORD COUNTY --- 1.3 NE RUTLEDGE [39.58, -76.48]				

Storm Data and Unusual Weather Phenomena - April 2020

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	04/13/20 13:28 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/13/20 13:28 EST		0	Source: 911 Call Center
A tree blew down at the intersection of Furnace Road and Durham Road.				
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BALTIMORE COUNTY --- 1.3 S CHADWICK MANOR [39.28, -76.73]				
	04/13/20 13:30 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/13/20 13:30 EST		0	Source: Public
A tree was uprooted along Edmonson Avenue.				
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ANNE ARUNDEL COUNTY --- (BWI)BALTMOR-WSHNGTN [39.17, -76.67]				
	04/13/20 13:37 EST		0	Thunderstorm Wind (MG 53 kt)
	04/13/20 13:37 EST		0	Source: ASOS
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ANNE ARUNDEL COUNTY --- 0.8 WNW MARLEY [39.15, -76.61]				
	04/13/20 13:38 EST		0	Thunderstorm Wind (MG 63 kt)
	04/13/20 13:38 EST		0	Source: Mesonet
A 63-knot (72 MPH) wind gust was measured by a mesonet in Glen Burnie.				
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BALTIMORE COUNTY --- 1.8 WNW SPARROWS PT [39.28, -76.61]				
	04/13/20 13:39 EST		0	Thunderstorm Wind (MG 59 kt)
	04/13/20 13:39 EST		0	Source: Mesonet
A 59-knot (68 MPH) wind gust was measured by a mesonet at the Maryland Science Center in downtown Baltimore.				
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MONTGOMERY COUNTY --- 0.4 SW HILLANDALE [39.03, -76.98]				
	04/13/20 13:41 EST		2K	Thunderstorm Wind (EG 50 kt)
	04/13/20 13:41 EST		0	Source: Emergency Manager
Trees and wires blew down near the intersection of Parkman Road and Rodney Road.				
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ANNE ARUNDEL COUNTY --- 1.2 NE GREEN HAVEN [39.14, -76.53]				
	04/13/20 13:42 EST		0	Thunderstorm Wind (EG 60 kt)
	04/13/20 13:42 EST		0	Source: Trained Spotter
A gazebo was blown over and several large branches were blown down near the intersection of Woodlawn Avenue and Middlegate Court.				
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BALTIMORE COUNTY --- 0.4 SSW DUNDALK [39.27, -76.52]				
	04/13/20 13:42 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/13/20 13:42 EST		0	Source: Trained Spotter
A large tree (about two feet in diameter) was uprooted near the intersection of Portship Road and Yorkway in Dundalk.				
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BALTIMORE COUNTY --- 0.2 ESE ESSEX [39.32, -76.48]				
	04/13/20 13:43 EST		0	Hail (1.00 in)
	04/13/20 13:43 EST		0	Source: Trained Spotter
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BALTIMORE COUNTY --- 0.2 ESE ESSEX [39.32, -76.48]				
	04/13/20 13:43 EST		5K	Thunderstorm Wind (EG 50 kt)
	04/13/20 13:43 EST		0	Source: Trained Spotter
Multiple large tree branches were snapped on Montrose Avenue in Essex.				
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PRINCE GEORGE'S COUNTY --- 1.2 NNE BRANCHVILLE [39.02, -76.92]				
	04/13/20 13:43 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/13/20 13:43 EST		0	Source: Broadcast Media
A tree was blown down onto Rhode Island Avenue near Edgewood Road.				

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HARFORD COUNTY --- 1.4 E GLENWOOD [39.52, -76.30]				
	04/13/20 13:45 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/13/20 13:45 EST		0	Source: 911 Call Center
A tree was blown down in the 1400 block of East Macphail Road.				
A very strong cold front passed through the area while a potent upper-level trough was positioned just to our west. Strong winds aloft were able to mix down in heavier showers and thunderstorms due to an unstable atmosphere. Low-level winds changing speed and direction with height combined with a thunderstorm to trigger an isolated tornado.				

CARROLL COUNTY --- 1.0 NW FRIZZELLBURG [39.61, -77.08], 0.8 NNW FRIZZELLBURG [39.61, -77.08]				
	04/13/20 12:47 EST		0.30M	Tornado (EF1, L: 0.38 mi , W: 75 yd)
	04/13/20 12:48 EST		0	Source: NWS Storm Survey
A brief EF1 tornado touched down in the 2000 block of Leeward Drive between Westminster and Taneytown in rural Carroll County, Maryland during the early afternoon hours of Monday, April 13th, 2020.				

The tornado developed on the north end of a small surge in the line over northwestern Carroll County. Directly under this radar signature was a path of concentrated and convergent tree damage spanning no wider than 75 yards and less than half a mile in length.

Damage was first evident on the ground on the property of a residence on the west side of Leeward Drive (about a quarter to half mile south of MD-832 Old Taneytown Road). Many large and healthy softwood (pine) trees were snapped, and several small trees were pushed over. The trees fell towards each other in a convergent manner indicating a rotating vortex in contact with the ground. A house on the property sustained substantial damage, particularly to the garage -- both bay doors were pushed inwards and the garage itself was shifted slightly from the foundation. Multiple shingles and pieces of the roof were blown off of the home. A large recreational vehicle at the residence was pushed over and appears to have been lofted briefly (for a few feet) given the fact it was sideways and facing the opposite direction from its initial position.

The tornado crossed Leeward Drive, toppling several more trees and causing shingle and siding damage at a second residence. No further damage was evident by the time the path reached MD-832 Old Taneytown Road.

The damage to the homes (shingle and siding removal, garage displacement) and trees (healthy softwood trees snapped) as well as the displacement of the large recreational vehicle, coupled with the magnitude of velocity and height of debris signatures on radar are consistent with a tornado rated EF1 with peak winds of about 90 MPH.

A strong cold front passed through the area on the 13th of April. Strong upward motion led to showers and some thunderstorms, and with very strong winds aloft some of those storms produced damaging winds at the surface. An isolated tornado also occurred as well.

(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z018) CALVERT, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD, (MD-Z507) NORTHWEST HARFORD, (MD-Z508) SOUTHEAST HARFORD				
	04/16/20 23:00 EST		0	Frost/Freeze
	04/17/20 08:00 EST		0	

Canadian high pressure ushered in chilly conditions late on the 16th through the early morning of the 17th. Temperatures dropped below freezing across most of Maryland where the growing season was in effect.

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(MD-Z003) WASHINGTON				
	04/18/20 23:00 EST		0	Frost/Freeze
	04/19/20 08:00 EST		0	

Despite high pressure beginning to move offshore, the atmosphere still decoupled due to a light gradient, causing temperatures to drop below freezing over portions of western Maryland.

(MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z507) NORTHWEST HARFORD, (MD-Z508) SOUTHEAST HARFORD				
	04/22/20 01:00 EST		0	Frost/Freeze
	04/22/20 06:00 EST		0	

A blustery northwest flow ushered in a Canadian air mass behind a cold front during the early morning of April 22nd. Temperatures dropped below freezing in some locations.

(MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE				
	04/25/20 02:40 EST		0	Dense Fog
	04/25/20 05:45 EST		0	

High pressure was overhead which provided a good setup for radiational cooling. Low-level moisture was trapped underneath the nocturnal inversion, resulting in areas of dense fog.

(MD-Z011) SOUTHERN BALTIMORE, (MD-Z014) ANNE ARUNDEL, (MD-Z017) ST. MARY'S, (MD-Z508) SOUTHEAST HARFORD				
	04/30/20 08:04 EST		0	Coastal Flood
	04/30/20 22:42 EST		0	

A southerly flow led to elevated water levels, which caused moderate tidal flooding.

FREDERICK COUNTY --- 0.5 E THURMONT [39.62, -77.41], 1.9 N THURMONT [39.65, -77.42], 1.0 NW EMMITSBURG [39.71, -77.34], 2.5 E EMMITSBURG [39.70, -77.28], 0.9 SSE MOTTTERS [39.64, -77.32]				
	04/30/20 11:30 EST		0	Flood (due to Heavy Rain)
	04/30/20 13:30 EST		0	Source: County Official

Several roads were closed in Emmitsburg and Thurmont due to flooding.

FREDERICK COUNTY --- 5.8 E EMMITSBURG [39.70, -77.22], 6.2 E EMMITSBURG [39.70, -77.21], 6.3 E EMMITSBURG [39.70, -77.21], 5.9 E EMMITSBURG [39.70, -77.22]				
	04/30/20 18:30 EST		0	Flood (due to Heavy Rain)
	04/30/20 23:59 EST		0	Source: River/Stream Gage

The water rose above minor flood stage along the Monocacy River at Bridgeport. The level crested at 14.11 feet at 9:30 PM EST. Baptist Road near Bridgeport was flooded. The flooding continued until 1:29 AM EST on May 1st.

A strong cold front along with high amounts of moisture led to locally heavy rainfall. The heavy rain led to isolated instances of flooding.

VIRGINIA, North

KING GEORGE COUNTY --- 0.8 NNE EDGEHILL [38.28, -77.13]				
	04/07/20 14:47 EST		0	Thunderstorm Wind (EG 50 kt)
	04/07/20 14:47 EST		0	Source: Department of Highways

A tree was down on Jones Place off of US-301 James Madison Parkway.

KING GEORGE COUNTY --- 0.7 SSW NOCAM [38.21, -77.15]				
	04/07/20 14:54 EST		0	Thunderstorm Wind (EG 50 kt)
	04/07/20 14:54 EST		0	Source: 911 Call Center

A tree was blown down near the intersection of Jersey Road and US-301 James Madison Parkway.

AUGUSTA COUNTY --- 0.1 WNW CRAIGSVILLE [38.08, -79.38]				
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Storm Data and Unusual Weather Phenomena - April 2020

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/07/20 20:58 EST		0	Hail (1.00 in)
	04/07/20 20:58 EST		0	Source: Broadcast Media

Quarter sized hail was covering the ground in Craigsville.

AUGUSTA COUNTY --- 1.6 W LOFTON [37.95, -79.21]

	04/07/20 21:19 EST	1	0	Hail (1.00 in)
	04/07/20 21:19 EST	5	0	Source: Broadcast Media

Quarter sized hail accumulated two inches deep on Interstate 81 and Interstate 64 near Spotswood, causing multiple accidents and partially closing the highway. This led to one fatality and five injuries.

Direct Fatalities: U????

FREDERICK COUNTY --- 1.3 NW GAINESBORO [39.29, -78.29]

	04/08/20 02:22 EST		0	Thunderstorm Wind (EG 50 kt)
	04/08/20 02:22 EST		0	Source: 911 Call Center

A tree was blown down across the roadway in the 600 Block of Ebenezer Church Road.

FREDERICK COUNTY --- 3.1 N SILER [39.39, -78.25]

	04/08/20 02:25 EST		0	Thunderstorm Wind (EG 50 kt)
	04/08/20 02:25 EST		0	Source: 911 Call Center

A tree was blown down across the roadway in the 1400 Block of VA-692 Pack Horse Road.

FREDERICK COUNTY --- 1.3 NW CLOWSER GAP [39.19, -78.35]

	04/08/20 02:30 EST		0	Thunderstorm Wind (EG 50 kt)
	04/08/20 02:30 EST		0	Source: 911 Call Center

A tree was blown down onto power lines in the 100 Block of Red Fox Trail.

LOUDOUN COUNTY --- 1.8 NW NORTH FORK [39.09, -77.75]

	04/08/20 02:53 EST		0	Thunderstorm Wind (EG 50 kt)
	04/08/20 02:53 EST		0	Source: 911 Call Center

A tree was down on Va-690 Silcott Springs Road near VA-622 Shoemaker School Road.

LOUDOUN COUNTY --- 0.2 S LEESBURG [39.12, -77.55]

	04/08/20 02:55 EST		10K	Thunderstorm Wind (EG 55 kt)
	04/08/20 02:55 EST		0	Source: 911 Call Center

Trees were down between Marshal Drive Northeast and Edwards Ferry Road Northeast. Several trees were blown down and shingles were torn off at least one house on Harrison Street Northeast in Leesburg.

FAIRFAX COUNTY --- 0.6 NNW RAVENWOOD [38.88, -77.19]

	04/08/20 03:19 EST		0	Thunderstorm Wind (EG 50 kt)
	04/08/20 03:19 EST		0	Source: 911 Call Center

A tree was down near the intersection of Woodlawn Avenue and Cavalier Trail.

ARLINGTON COUNTY --- 1.0 WNW ARLINGTON [38.89, -77.15]

	04/08/20 03:21 EST		0	Thunderstorm Wind (EG 50 kt)
	04/08/20 03:21 EST		0	Source: Department of Highways

A tree was down on power lines along 18th Street North between North Pocomoke Street and Ohio Street.

FAIRFAX COUNTY --- 0.8 NNE ELORIS [38.94, -77.41]

	04/08/20 03:25 EST		15K	Thunderstorm Wind (EG 55 kt)
	04/08/20 03:25 EST		0	Source: NWS Storm Survey

Multiple trees were down in Herndon with some shingles off of several houses.

Storm Data and Unusual Weather Phenomena - April 2020

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HIGHLAND COUNTY --- 0.9 N MONTEREY [38.43, -79.58]				
	04/08/20 04:14 EST		0.10M	Thunderstorm Wind (EG 65 kt)
	04/08/20 04:14 EST		0	Source: 911 Call Center
Two camper trailers were overturned and a pole barn structure collapsed with some material impacting a nearby house in Monterey. Trees and branches were also down in the area.				
HIGHLAND COUNTY --- 2.9 SE NEW HAMPDEN [38.45, -79.53]				
	04/08/20 04:17 EST		0	Thunderstorm Wind (EG 50 kt)
	04/08/20 04:17 EST		0	Source: 911 Call Center
A tree was down on Thorny Bottom Lane near Potomac River Road.				
AUGUSTA COUNTY --- 0.6 N BUFFALO GAP [38.19, -79.23]				
	04/08/20 04:42 EST		25K	Thunderstorm Wind (EG 55 kt)
	04/08/20 04:42 EST		0	Source: 911 Call Center
A tree was down on a house near Buffalo Gap. A tree was also down in Churchville.				
AUGUSTA COUNTY --- 2.6 E MIDDLEBROOK [38.04, -79.17]				
	04/08/20 04:50 EST		0	Thunderstorm Wind (EG 60 kt)
	04/08/20 04:50 EST		0	Source: 911 Call Center
A couple trees were down in the Middlebrook area. Four or five trees were rdown in the Riverheads area. Trees were down in the 200 Block of Chesnut Ridge Road.				
NELSON COUNTY --- 1.4 SE FABER [37.82, -78.73]				
	04/08/20 05:22 EST		0	Thunderstorm Wind (EG 60 kt)
	04/08/20 05:22 EST		0	Source: 911 Call Center
The Nelson County 911 Center received about a dozen reports of trees down in the Rockfish, Faber, and Schuler areas.				
ALBEMARLE COUNTY --- 1.7 NNE SCOTTSVILLE [37.82, -78.49]				
	04/08/20 05:25 EST		0	Thunderstorm Wind (EG 50 kt)
	04/08/20 05:25 EST		0	Source: 911 Call Center
A tree was down in the 7800 Block of Blenheim Road.				
FAIRFAX COUNTY --- 0.7 NE FAIRFAX STATION [38.81, -77.31]				
	04/08/20 05:25 EST		0	Thunderstorm Wind (EG 50 kt)
	04/08/20 05:25 EST		0	Source: 911 Call Center
A tree was down on Black Oak Drive at Allerton Road.				
NELSON COUNTY --- 2.7 S WARMINSTER [37.64, -78.72]				
	04/08/20 05:30 EST		0	Thunderstorm Wind (EG 55 kt)
	04/08/20 05:30 EST		0	Source: 911 Call Center
Several tres were down in the Wingina area.				
A cold front passed through the area. Despite limited instability, there was a strong wind field aloft along with steep low-level lapse rates. This resulted in some damaging wind gusts with showers and thunderstorms.				
FREDERICK COUNTY --- 1.0 NE BURNING KNOLLS [39.18, -78.12]				
	04/09/20 10:49 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/09/20 10:49 EST		0	Source: 911 Call Center
A few trees were reported blown down southeast of Winchester.				
LOUDOUN COUNTY --- 1.7 N BRITAIN [39.28, -77.68]				
	04/09/20 11:00 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/09/20 11:00 EST		0	Source: Department of Highways

Storm Data and Unusual Weather Phenomena - April 2020

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A tree was down on VA-690 Mountain Road near Axline Road.				
LOUDOUN COUNTY --- 0.6 NW HAMILTON [39.14, -77.66]				
	04/09/20 11:05 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/09/20 11:05 EST		0	Source: Department of Highways
A tree was blown down near the intersection of Orchard Circle and Applewood Court.				
A cold front passed through on the 9th. Stronger winds were aloft, and some were able to mix down in heavier showers and thunderstorms.				
(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z036) NELSON, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z050) ORANGE, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE				
	04/10/20 23:00 EST		0	Frost/Freeze
	04/11/20 08:00 EST		0	
Canadian high pressure ushered in chilly conditions late on the 10th through the early morning of the 11th. Temperatures dropped below freezing in some spots across northern and central Virginia where the growing season was in effect.				
NELSON COUNTY --- 0.5 SW MASSIES MILL [37.77, -79.01], 0.8 SSW MASSIES MILL [37.77, -79.01], 0.7 SSW MASSIES MILL [37.77, -79.01], 0.5 SSW MASSIES MILL [37.77, -79.00]				
	04/13/20 06:30 EST		0	Flood (due to Heavy Rain)
	04/13/20 08:30 EST		0	Source: Emergency Manager
Castle Creek Lane was flooded by Castle Creek.				
NELSON COUNTY --- 0.7 S PINEY RIVER [37.71, -79.02], 0.7 SSW PINEY RIVER [37.71, -79.02], 0.9 SSW PINEY RIVER [37.71, -79.02], 1.0 S PINEY RIVER [37.71, -79.02]				
	04/13/20 06:30 EST		0	Flood (due to Heavy Rain)
	04/13/20 08:30 EST		0	Source: Emergency Manager
Patrick Henry Highway was flooded near the VA Blue Ridge Railway Trail.				
FAIRFAX COUNTY --- 1.5 SW MERRIFIELD [38.85, -77.25], 1.1 WSW TREMONT [38.84, -77.24], 0.8 WSW TREMONT [38.85, -77.24], 1.3 SW MERRIFIELD [38.86, -77.25]				
	04/13/20 06:37 EST		0	Flood (due to Heavy Rain)
	04/13/20 09:57 EST		0	Source: River/Stream Gage
The water level rose above minor flood stage at Strathmeade Springs. The level crested at 252.72 at 8:45 AM EST. Woodburn Road and Prosperity Avenue were flooded with at least six inches of water.				
FAIRFAX COUNTY --- 0.6 NNW CLARKS CROSSING [38.93, -77.30], 0.7 NW CLARKS CROSSING [38.93, -77.31], 0.9 NNW CLARKS CROSSING [38.93, -77.31], 0.8 NNW CLARKS CROSSING [38.93, -77.30]				
	04/13/20 06:40 EST		0	Flood (due to Heavy Rain)
	04/13/20 15:01 EST		0	Source: River/Stream Gage
The water level rose above minor flood stage at Wolf Trap on Difficult Run. The level crested at 195.85 at 10:05 AM EST. Six inches of water covered the road at its lowest point.				
NELSON COUNTY --- 2.0 NE WARMINSTER [37.70, -78.70], 0.5 NE WARMINSTER [37.68, -78.71], 0.9 ENE WARMINSTER [37.68, -78.70], 2.1 SSW HOWARDSVILLE [37.70, -78.69]				
	04/13/20 07:08 EST		0	Flood (due to Heavy Rain)
	04/13/20 09:08 EST		0	Source: 911 Call Center
Catell Road was washed out in multiple spots.				
FAIRFAX COUNTY --- 0.8 WNW CLARKS CROSSING [38.92, -77.31], 0.3 WSW CLARKS CROSSING [38.92, -77.31], 0.4 WNW CLARKS CROSSING [38.92, -77.31], 0.7 WNW CLARKS CROSSING [38.93, -77.31]				
	04/13/20 07:26 EST		0	Flood (due to Heavy Rain)
	04/13/20 09:26 EST		0	Source: Emergency Manager
Lawyers Road was closed near the intersection with Hunter Mill Road due to flooding.				

Storm Data and Unusual Weather Phenomena - April 2020

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
NELSON COUNTY --- 1.1 E PINEY RIVER [37.72, -79.00], 1.3 E PINEY RIVER [37.72, -79.00], 1.2 E PINEY RIVER [37.72, -79.00], 1.0 E PINEY RIVER [37.72, -79.00]				
	04/13/20 07:28 EST	0		Flood (due to Heavy Rain)
	04/13/20 09:28 EST	0		Source: 911 Call Center
The road was washed out near the intersection of Rose Mill Road and VA Highway 56.				
NELSON COUNTY --- 2.5 N ADIAL [37.89, -78.82], 1.9 N ADIAL [37.88, -78.82], 1.8 N ADIAL [37.88, -78.82], 2.5 N ADIAL [37.89, -78.81]				
	04/13/20 07:30 EST	0		Flood (due to Heavy Rain)
	04/13/20 09:30 EST	0		Source: Emergency Manager
The road was flooding and there were home evacuations along Duncan Hollow Loop.				
ALBEMARLE COUNTY --- 3.0 SSE FREE UNION [38.13, -78.55], 2.9 SSE FREE UNION [38.13, -78.55], 3.0 SSE FREE UNION [38.13, -78.55], 3.0 SSE FREE UNION [38.13, -78.55]				
	04/13/20 08:15 EST	0		Flood (due to Heavy Rain)
	04/13/20 12:27 EST	0		Source: River/Stream Gage
The water level rose above minor flood stage in White Hall at the Mecums River. The level crested at 11.96 ft at 10:15 AM EST. Water reached the yard of a home along Free Union Road.				
MADISON COUNTY --- 2.7 E LOCUST DALE [38.33, -78.08], 2.4 E LOCUST DALE [38.33, -78.09], 1.5 NNE LOCUST DALE [38.35, -78.12], 2.5 NNE LOCUST DALE [38.36, -78.11]				
	04/13/20 08:30 EST	0		Flood (due to Heavy Rain)
	04/13/20 13:46 EST	0		Source: River/Stream Gage
The water level rose above minor flood stage at Locust Dale along the Robinson River. The water level crested at 12.3 feet at 10:30 AM EST. Water covered a portion of Route 721.				
NELSON COUNTY --- 0.6 ESE ROCKFISH [37.80, -78.76], 1.1 ENE ROCKFISH [37.80, -78.75], 0.7 NW STAGE BRIDGE [37.84, -78.79], 1.0 WNW STAGE BRIDGE [37.83, -78.80]				
	04/13/20 08:43 EST	0		Flood (due to Heavy Rain)
	04/13/20 08:48 EST	0		Source: River/Stream Gage
The water level rose above minor flood stage along the Rockfish River at Greenfield. The water level crested at 12.03 feet at 8:45 AM EST.				
PRINCE WILLIAM COUNTY --- 1.8 NW YORKSHIRE [38.80, -77.46], 1.7 NW YORKSHIRE [38.80, -77.46], 1.6 NW YORKSHIRE [38.80, -77.45], 1.7 NW YORKSHIRE [38.80, -77.45]				
	04/13/20 11:42 EST	0		Flood (due to Heavy Rain)
	04/13/20 23:12 EST	0		Source: River/Stream Gage
The water level rose above minor flood stage along Bull Run in Manassas Park. The level crested at 14.04 feet at 5:45 PM EST. Water covered backyards in the Yorkshire area. Portions of the trail system along Bull Run in the vicinity of Yorkshire were flooded.				
PRINCE WILLIAM COUNTY --- 0.5 NNE BRISTOW [38.73, -77.53], 0.3 NNE BRISTOW [38.72, -77.53], 0.2 NNW MANASSAS ARPT [38.72, -77.52], 0.3 NNW MANASSAS ARPT [38.72, -77.52]				
	04/13/20 12:56 EST	0		Flood (due to Heavy Rain)
	04/13/20 18:27 EST	0		Source: River/Stream Gage
The water level rose above minor flood stage along Broad Run at Bristow. The level crested at 10.55 ft at 5:55 PM EST. Piper lane was flooded near Manassas Airport and trails near the stream were flooded.				
PRINCE WILLIAM COUNTY --- 2.6 SW ADEN [38.62, -77.56], 2.9 SSW ADEN [38.61, -77.56], 2.7 SSW ADEN [38.61, -77.55], 2.3 SSW ADEN [38.62, -77.55]				
	04/13/20 13:28 EST	0		Flood (due to Heavy Rain)
	04/14/20 00:02 EST	0		Source: River/Stream Gage
The water level rose above minor flood stage along Cedar Run in Aden. The level crested at 10.74 feet at 6:39 PM EST. Fleetwood Road was flooded near Cedar Run.				
Copious amounts of moisture along with strong lift from a cold front led to areas of heavy rainfall on the 13th. The heavy rain caused instances of flooding.				

Storm Data and Unusual Weather Phenomena - April 2020

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FAIRFAX COUNTY --- 0.7 N LAUREL GROVE [38.78, -77.15]				
	04/13/20 11:55 EST		0	Hail (1.00 in)
	04/13/20 11:55 EST		0	Source: Trained Spotter
LOUDOUN COUNTY --- 0.6 W LEESBURG MUNI [39.08, -77.56]				
	04/13/20 12:48 EST		0	Thunderstorm Wind (MG 51 kt)
	04/13/20 12:48 EST		0	Source: AWOS
<p>A very strong cold front passed through the area while a potent upper-level trough was positioned just to our west. Strong winds aloft were able to mix down in heavier showers and thunderstorms due to an unstable atmosphere.</p>				
(VA-Z508) CENTRAL VIRGINIA BLUE RIDGE				
	04/14/20 19:00 EST		0	Winter Weather
	04/15/20 07:00 EST		0	
<p>Low pressure to the south caused precipitation to break out over northern and central Virginia. There was enough cold air aloft for precipitation to fall in the form of snow over the Blue Ridge Mountains. Snowfall between 3 and 5 inches was reported across the highest ridges above 3,000 feet.</p>				
(VA-Z507) NORTHERN VIRGINIA BLUE RIDGE				
	04/15/20 23:00 EST		0	Frost/Freeze
	04/16/20 06:28 EST		0	
<p>Temperatures dropped below freezing along the northern Virginia Blue Ridge Mountains.</p>				
<p>(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z036) NELSON, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE</p>				
	04/16/20 23:00 EST		0	Frost/Freeze
	04/17/20 08:00 EST		0	
<p>Canadian high pressure ushered in chilly conditions late on the 16th through the early morning of the 17th. Temperatures dropped below freezing across most of northern and central Virginia where the growing season was in effect.</p>				
<p>(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE</p>				
	04/18/20 23:00 EST		0	Frost/Freeze
	04/19/20 08:00 EST		0	
<p>Despite high pressure beginning to move offshore, the atmosphere still decoupled due to a light gradient, causing temperatures to drop below freezing over portions of Virginia west of the Blue Ridge Mountains.</p>				
(VA-Z031) CLARKE, (VA-Z055) STAFFORD, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND				
	04/22/20 01:00 EST		0	Frost/Freeze
	04/22/20 06:00 EST		0	
<p>A blustery northwest flow ushered in a Canadian air mass behind a cold front during the early morning of April 22nd. Temperatures dropped below freezing in some locations.</p>				
AUGUSTA COUNTY --- 8.2 NNW GREENWOOD [38.15, -78.85], 8.1 NNW GREENWOOD [38.15, -78.85], 7.8 NNW GREENWOOD [38.15, -78.84], 7.9 NNW GREENWOOD [38.15, -78.84]				
	04/30/20 08:27 EST		0	Flood (due to Heavy Rain)
	04/30/20 10:30 EST		0	Source: 911 Call Center
<p>Crimora Station lane was flooded and closed near US 340.</p>				
ROCKINGHAM COUNTY --- 1.7 E DAPHNA [38.58, -78.77], 1.8 SE GENOA [38.63, -78.90], 2.4 N COOTES STORE [38.66, -78.85], 2.5 ENE TIMBERVILLE [38.66, -78.73]				

Storm Data and Unusual Weather Phenomena - April 2020

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/30/20 10:38 EST		0	Flood (due to Heavy Rain)
	04/30/20 12:38 EST		0	Source: Department of Highways

Multiple roads were closed due to flooding in the Broadway, Genoa, and Cootes Store areas.

SHENANDOAH COUNTY --- 2.5 ENE VAN BUREN FURNACE [38.99, -78.51], 3.0 WSW FAIRMONT SCHOOL [39.02, -78.52], 0.5 SW FAIRMONT SCHOOL [39.03, -78.48], 2.2 S FAIRMONT SCHOOL [39.00, -78.47]

	04/30/20 10:54 EST		0	Flood (due to Heavy Rain)
	04/30/20 12:54 EST		0	Source: Department of Highways

Several roads were closed due to flooding in the Zepp area.

A strong cold front along with high amounts of moisture led to locally heavy rainfall. The heavy rain led to isolated instances of flooding.

WEST VIRGINIA, East

MORGAN COUNTY --- 2.8 SE PAW PAW [39.50, -78.43]

	04/07/20 02:04 EST		0	Thunderstorm Wind (MG 54 kt)
	04/07/20 02:04 EST		0	Source: Mesonet

HARDY COUNTY --- 0.6 ESE ROCKOAK [39.15, -78.72]

	04/07/20 02:25 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/07/20 02:25 EST		0	Source: 911 Call Center

A tree was blown down onto Ford Hill Road near the Hardy/Hampshire County line.

HARDY COUNTY --- 1.6 WSW BRAKE [38.87, -79.05]

	04/07/20 02:29 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/07/20 02:29 EST		0	Source: 911 Call Center

A tree was blown down in the 16000 block of County Road 7 South Fork Road.

JEFFERSON COUNTY --- 1.1 ESE MILLVILLE [39.29, -77.76]

	04/07/20 02:30 EST		30K	Thunderstorm Wind (EG 60 kt)
	04/07/20 02:30 EST		0	Source: 911 Call Center

A roof was blown off a trailer on Woodlawn Drive in Harpers Ferry, causing the structure to collapse. Jefferson County's 911 Call Center received about a half dozen calls for trees blown down between Harpers Ferry and Shepherdstown.

HARDY COUNTY --- 2.0 E WARDENSVILLE [39.08, -78.56]

	04/07/20 02:36 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/07/20 02:36 EST		0	Source: 911 Call Center

Two trees were blown down on North Mountain Road near Wardensville.

HARDY COUNTY --- 5.6 SE BASS [38.89, -78.93]

	04/07/20 03:23 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/07/20 03:23 EST		0	Source: 911 Call Center

Two trees were blown down on Park Drive in Lost River State Park.

A cold front passed through the area. Despite limited instability, there was a strong wind field aloft along with steep low-level lapse rates. This resulted in some damaging wind gusts with showers and thunderstorms.

(WV-Z505) WESTERN PENDLETON

	04/10/20 00:00 EST		0	Winter Weather
	04/10/20 10:00 EST		0	

An upslope snow occurred as cold and moist air flowed over the Appalachians, resulting in around 3" inches of snow across western Pendleton County.

Storm Data and Unusual Weather Phenomena - April 2020

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
BERKELEY COUNTY --- 3.0 NNW SHANGHAI [39.47, -78.15]				
	04/13/20 11:31 EST		1K	Thunderstorm Wind (EG 50 kt)
	04/13/20 11:31 EST		0	Source: 911 Call Center
A tree was blown down onto a structure in the 200 block of Guinevere Drive.				
BERKELEY COUNTY --- 1.3 WNW JONES SPGS [39.49, -78.12]				
	04/13/20 11:35 EST		0	Thunderstorm Wind (EG 50 kt)
	04/13/20 11:35 EST		0	Source: 911 Call Center
Wires were blown down in the 1000 block of Sleepy Creek Road.				
BERKELEY COUNTY --- 0.5 WSW JOHNSTOWN [39.58, -78.04]				
	04/13/20 11:39 EST		1K	Thunderstorm Wind (EG 55 kt)
	04/13/20 11:39 EST		0	Source: 911 Call Center
Multiple trees were blown down in Johnstontown along Hedgesville Road and Cherry Run Road.				
BERKELEY COUNTY --- 0.9 NE HEDGESVILLE [39.56, -77.99]				
	04/13/20 11:41 EST		0	Thunderstorm Wind (EG 50 kt)
	04/13/20 11:41 EST		0	Source: 911 Call Center
Power lines down in the 800 block of Hammonds Mill Road.				
JEFFERSON COUNTY --- 0.5 NW KEARNEYSVILLE [39.39, -77.89]				
	04/13/20 11:58 EST		0	Thunderstorm Wind (EG 50 kt)
	04/13/20 11:58 EST		0	Source: 911 Call Center
The Jefferson County 911 Call Center received several calls about trees blown down in the Kearneysville area.				
JEFFERSON COUNTY --- 0.6 SSW MECHANICSTOWN [39.26, -77.83]				
	04/13/20 12:11 EST		0	Thunderstorm Wind (EG 50 kt)
	04/13/20 12:11 EST		0	Source: 911 Call Center
Several trees and wires were blown down near and southeast of the Charles Town area.				
A very strong cold front passed through the area while a potent upper-level trough was positioned just to our west. Strong winds aloft were able to mix down in heavier showers and thunderstorms due to an unstable atmosphere.				
(WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON				
	04/16/20 23:00 EST		0	Frost/Freeze
	04/17/20 08:00 EST		0	
Canadian high pressure ushered in chilly conditions late on the 16th through the early morning of the 17th. Temperatures dropped below freezing across eastern West Virginia where the growing season was in effect.				
(WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON				
	04/18/20 23:00 EST		0	Frost/Freeze
	04/19/20 08:00 EST		0	
Despite high pressure beginning to move offshore, the atmosphere still decoupled due to a light gradient, causing temperatures to drop below freezing over portions of eastern West Virginia.				
(WV-Z050) HAMPSHIRE, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z505) WESTERN PENDLETON				
	04/22/20 01:00 EST		0	Frost/Freeze
	04/22/20 06:00 EST		0	
A blustery northwest flow ushered in a Canadian air mass behind a cold front during the early morning of April 22nd. Temperatures dropped below freezing in some locations.				