

Public Information Statement  
National Weather Service Mount Holly NJ  
151 PM EDT Mon Aug 10 2020

...NWS DAMAGE SURVEY FOR 08/07/20 NEW CASTLE COUNTY DELAWARE TORNADO  
AND STRAIGHT LINE WIND EVENT...

.New Castle County, Delaware Tornado...

Start Location...Ashland in New Castle County, Delaware  
End Location...Montchanin in New Castle County, Delaware  
Date...August 7, 2020  
Estimated Time...5:40 PM EDT to 5:51 PM EDT  
Maximum EF-Scale Rating...EF1  
Estimated Maximum Wind Speed...105 mph  
Maximum Path Width...450 yards  
Path Length...3.8 miles  
Beginning Lat/Lon...39.80/-75.66  
Ending Lat/Lon...39.79/-75.58  
\* Fatalities...0  
\* Injuries...0

...Summary...

A tornado touched down around 5:40 PM on August 7th close to the Ashland Nature Center of the Delaware Nature Society or just east of the intersection of Brackenville Road and Barley Mill Road where some tree damage occurred. The tornado continued east southeast to the Swallow Hill area where there were multiple trees down across Pyles Ford Road. Trees were snapped at the trunk, with one tree falling on the roof of a house. Pyles Ford Road was closed due to the amount of tree damage across the road. This wind damage was estimated to be 105 mph, equivalent to an EF1 on the Enhanced Fujita Scale.

The tornado continued in an easterly direction where substantial tree damage occurred just north of Valley Garden Park where over 20 trees were uprooted or damaged. Campbell Road was also closed due to the multiple trees down. More damage occurred along Kennett Pike between Kirk Road and the entrance of Wilmington Country Club where several trees were uprooted along with large tree limbs knocked down. The tornado continued through the Wilmington Country Club where approximately 200 trees were damaged. A noted convergent pattern in the debris was observed in the tree damage across the Wilmington Country Club. The tornado then continued eastward before lifting prior to reaching Rockland, Delaware. No further damage was noted in the DuPont Country Club or on Concord Pike.

Special thanks is extended to Mr. Lou Ruh, New Castle County Emergency Management, trained spotters, and the general public for their extensive assistance with this survey.

.New Castle County, Delaware Straight-line Wind Event...

Location...Greenville and Wilmington in New Castle County Delaware  
Date...August 7, 2020  
Estimated Time...5:41 PM EDT to 5:59 PM EDT  
Estimated Maximum Wind Speed...95 mph  
Maximum Path Width...1800 yards  
Path Length...4.51 miles  
Beginning Lat/Lon...39.78/-75.62  
Ending Lat/Lon...39.76/-75.54  
\* Fatalities...0  
\* Injuries...0

...Summary...

The straight-line wind damage, separate and south of the tornado track, was in a mostly divergent pattern and was associated with the storms severe rear-flank downdraft. The damage began just east of Hoopes Reservoir with around 4 trees down near the intersection Centreville Road and Barley Mill Road, and additional tree damage on Hillside Road. Several trees were uprooted and fell on wires and poles within the Fairthone section. Additional trees were uprooted and damaged within the Greenville Manor section. Damage continued southeastward where several trees and large branches were knocked down on Buck Road and also in the Montchan section. Damage continued southward into the Henry Clay section where damage occurred near the Montchanin Road and Kennett Pike intersection and continued southeast toward Rising Sun Lane. Near Rising Sun Lane, in particular, a tree was snapped at the trunk with damage indicative of near 100 mph winds. Given the less extensive amount of tree damage in this area compared to the Wilmington Country Club, have decided to rate the maximum value of the estimated wind speed at 95 mph. The damage continued into Wilmington where trees were uprooted along West 19 Street and Tower Road, south of Rockford Park. Damage continued to the east side of Rockford Park where trees were knocked down on Rockford Road. The significant damage ended near the Delaware Art Museum in the Kentmere section of Wilmington. Sporadic damage continued east towards the intersection of I-95 and Concord Pike where utility companies had to remove debris from the power lines and additional trees were knocked down in Haynes Park.

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EF Scale: The Enhanced Fujita Scale classifies tornadoes into the following categories:

EF0...Weak.....65 to 85 mph  
EF1...Weak.....86 to 110 mph  
EF2...Strong....111 to 135 mph  
EF3...Strong....136 to 165 mph  
EF4...Violent...166 to 200 mph  
EF5...Violent...>200 mph

\* The information in this statement is preliminary and subject to change pending final review of the events and publication in NWS Storm Data.

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Robertson/Haines/Miketka/Johnson/Gorse