

PUBLIC INFORMATION STATEMENT  
NATIONAL WEATHER SERVICE ALBANY NY  
413 PM EDT Thu Aug 22 2019

...PUBLIC INFORMATION STATEMENT...

EF1 Tornado confirmed in Saratoga Springs NY

LOCATION...Saratoga Springs, NY

DATE...August 21, 2019

ESTIMATED TIME...335 PM

MAXIMUM EF SCALE RATING...EF1

ESTIMATED MAXIMUM WIND SPEED...105 MPH

ESTIMATED PATH WIDTH...75 Yards

PATH LENGTH...1/2 Mile

BEGINNING LAT/LON...43.082/-73.742

ENDING LAT/LON...43.087/-73.739

\* FATALITIES...0

\* INJURIES...0

\* THE INFORMATION IN THIS STATEMENT IS PRELIMINARY AND SUBJECT TO  
CHANGE PENDING FINAL REVIEW OF THE EVENT AND PUBLICATION IN  
NWS STORM DATA.

...SUMMARY...

A National Weather Service team conducted a storm survey of impacts from a severe storm that affected a portion of Saratoga Springs, NY during the afternoon of Wednesday August 21, 2019.

The team first surveyed an area of damage on Gilbert Road. Several hardwood trees were uprooted and a few were snapped in this area. It was difficult to determine the direction of fall of most of the trees, as they had been removed from the roadway. However, one large tree that fell away from the road was oriented from south to north, indicating a convergent wind flow into the path of the storm, which was from southwest to northeast.

The team next surveyed an extensive area of damage at a residence near the intersection of Route 29 and Schallen Road. Dozens of trees were down in this area, with hardwood trees uprooted and also some hardwood trees snapped. Some of these trees were over a foot in diameter. Trees in this area were laying in all different directions, with several large trees in the back of the residence pointing from

northeast to southwest, or opposite of the path of the storm. This was strongly suggestive of a rotating wind field in this area. In addition, a tin roof on a large barn was peeled upward on the northeast-facing side of the barn, indicating that the wind swirled from a northeasterly direction in that area while the main area of the storm was moving from southwest to northeast. Despite the extensive damage to trees and the roof of the barn, no substantial damage was done to a well-constructed house on the property. These factors led the team to conclude that the damage in this area was done by an EF1 tornado, with wind speeds estimated as high as 105 mph. The path of tree damage continued away from the residence for a couple of hundred yards into a heavily wooded area.

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MSE/VTK/CS