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NOUS41 KBOX 151846
PNSBOX
RIZ006-151415-

Public Information Statement
National Weather Service Boston/Norton MA
902 PM EST Sun Nov 14 2021

...NWS DAMAGE SURVEY FOR NOVEMBER 13th, 2021 TORNADO EVENT...

...Correction for Lat/Lon Conversion...

.Plainfield CT to Foster RI Tornado...

Start Location...Plainfield in Windham County, Connecticut
End Location...Foster in Providence County, Rhode Island
Date...November 13th, 2021
Estimated Time...4:48 to 5:02 PM EST
Maximum EF-Scale Rating...EF-0
Estimated Maximum Wind Speed...80 mph
Maximum Path Width...100 yards
Path Length... 6.13 miles
Beginning Lat/Lon...41.7039/-71.8663
Ending Lat/Lon...41.7556/-71.7633
* Fatalities...none
* Injuries...none

...Summary...

Based on definitive radar confirmation of a tornado debris signature and video footage from our media partners we confirm that an EF-0 touched down in Plainfield, Connecticut at approximately 4:48 PM EST on Saturday, November 13th, 2021. Several hardwood trees were uprooted on a hilltop on Sterling Hill Rd near Goshen Rd. The tornado then proceeded along a northeast track into Rhode Island, where it made intermittent contact with the ground for 6 miles; ending at the Cucumber Hill Farm in Foster Rhode Island at approximately 5:02 PM EST. Sheared trees and downed hardwood trees were observed on the farm. A heavy, large red trailer was also moved approximately 50 feet.

EF-0 determination was based on downed and uprooted hardwood trees, as well as radar data.

A special thanks is extended to our media partners for their comprehensive coverage of the area.

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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

NOTE:

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

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Smith/Frank

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NOUS41 KBOX 151924

PNSBOX

RIZ006-151130-

Public Information Statement

National Weather Service Boston/Norton MA

619 PM EST Sun Nov 14 2021

...NWS DAMAGE SURVEY FOR NOVEMBER 13th, 2021 TORNADO EVENT...

...Correction for Lat/Lon Conversion...

.Stonington Connecticut to Westerly Rhode Island Tornado...

Start Location...Stonington in New London County, Connecticut

End Location...Westerly in Washington County, Rhode Island

Date...November 13th, 2021

Estimated Time... 4:54-5:00PM EST

Maximum EF-Scale Rating...EF-1

Estimated Maximum Wind Speed...90 mph

Maximum Path Width... 100 yards

Path Length...1.35 miles

Beginning Lat/Lon...41.3822/-71.8364

Ending Lat/Lon...41.3967/-71.8186

* Fatalities...none

* Injuries...none

...Summary...

At approximately 4:54 PM EST on Saturday, November 13th, 2021 a tornado touched down on Robinson Street in the Pawcatuck neighborhood of Stonington, Connecticut. Several hardwood trees were uprooted or snapped about half way up the trunk. A gutter was ripped off of one home while shutters were ripped off of another. Several trampolines were lifted, with one becoming stuck on a powerline approximately 20 feet in the air. On Robinson Street, crossroad Race Street, a metal shed was lifted and flipped before being crushed by a large maple branch, with an approximate diameter of 15 inches. Several street signs were also snapped at their base. The tornado then continued on a northeast track into Westerly, Rhode Island, where it crossed RI 78 onto Center Street, where approximately 20 large, healthy hardwood trees were uprooted. A wood outbuilding was also flipped onto its side. The tornado then crossed onto Hillview Drive before lifting at approximately 5:00 PM EST.

The basis for the EF-1 rating was the metal shed that was flipped prior to being crushed, as well as the shearing of gutters and shutters off of homes. The maximum estimated wind associated with this tornado was 90 MPH.

The National Weather Service in Boston/Norton would like to thank Connecticut DEHMS and the town of Stonington Emergency Management for the help identify areas of damage.

.North Kingstown Rhode Island Tornado...

Start Location...North Kingstown in Washington County, Rhode Island

End Location...Wickford in Washington County, Rhode Island

Date...November 13th, 2021

Estimated Time...5:18-5:24 PM EST

Maximum EF-Scale Rating... EF-0

Estimated Maximum Wind Speed...80 mph Maximum Path Width...150 yards

Path Length...1.5 miles Beginning Lat/Lon...41.5656/-71.4811

Ending Lat/Lon...41.5878/-71.4594

* Fatalities... None

* Injuries... None

...Summary...

At approximately 5:18 PM EST on Saturday, November 13th, 2021 a tornado touched down just southwest of Dillon Ave in North

Kingstown, Rhode Island. Several large, healthy, hardwood trees were uprooted or snapped; while a few standing trees were sheared at the top. The tornado then crossed over RI 102 onto Himes Street. In addition to numerous downed hardwood trees on Himes Street, approximately 4-5 power poles were snapped in half and a fallen tree caused window and roof damage to a home. The tornado then continued to track northeast toward Juniper Drive where large branches, diameter approximately 15 inches, were downed across the neighborhood. Smaller downed branches were also visible along Route 1 as the tornado moved northeast. At approximately 5:24 PM EST the tornado lifted over Hopedale Ave in Wickford, Rhode Island.

The basis for the EF-0 rating lies in several uprooted or snapped hardwood trees, and minor shearing of treetops on a few standing trees. No major structural damage was observed aside from the building on Himes Street, which was caused by a downed tree.

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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

NOTE:

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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