

Tornadoes Confirmed from Irma

Tornado #1

...[TORNADO](#) CONFIRMED ON JOINT BASE CHARLESTON IN CHARLESTON COUNTY SOUTH CAROLINA...

Location...Joint Base Charleston in Charleston County South Carolina
Date...09/11/2017
Estimated Time...248 PM EDT
Maximum EF-Scale Rating...EF0
Estimated Maximum [Wind Speed](#)...84 MPH
Maximum Path Width...60 yards
Path Length...1.47 miles
Beginning [Lat](#)/Lon...32.8915N / -80.0436W
Ending [lat](#)/Lon...32.9703N / -80.0604W
* Fatalities...0
* Injuries...0

* The information in this statement is preliminary and subject to change pending final review of the event(s) and publication in [NWS Storm Data](#).

...Summary...

The National Weather Service in Charleston SC has confirmed a [tornado](#) on Joint Base Charleston in Charleston County South Carolina on 09/11/2017.

The weak, short-lived [tornado](#), associated with the outer rainbands of [Tropical Storm](#) Irma, touched down near the Joint Base Charleston flight line and traveled along a discontinuous path toward the north-northwest. The [tornado](#) pushed back the edge of the roof on the control tower, damaged fascia of a nearby building near the flight line, and damaged the roof of another metal building on the base. Farther northwest on the Wrenwoods Golf Course, the [tornado](#) blew down two large oak trees and snapped large branches off other trees. The [tornado](#) then dissipated just beyond the north side of the golf course, about 2 minutes after touchdown.

Tornado #2

...[TORNADO](#) CONFIRMED ON JOHNS ISLAND IN CHARLESTON COUNTY SOUTH CAROLINA...

Location...Johns Island in Charleston County South Carolina
Date...09/11/2017
Estimated Time...545 PM EDT
Maximum EF-Scale Rating...EF1
Estimated Maximum [Wind Speed](#)...107 MPH
Maximum Path Width...30 yards
Path Length...0.45 miles
Beginning [Lat](#)/Lon...32.6750N / -80.0055W
Ending [lat](#)/Lon...32.6812N / -80.0062W
* Fatalities...0
* Injuries...0

* The information in this statement is preliminary and subject to change pending final review of the event(s) and publication in [NWS Storm Data](#).

...Summary...

The National Weather Service in Charleston SC has confirmed a [tornado](#) in Legare Farms on Johns Island in Charleston County South Carolina on 09/11/2017.

The [tornado](#) touched down along the west [bank](#) of the Stono River near the junction of Abbapoola [Creek](#). The [tornado](#) initially traveled north northwest near the Stono River, destroying a shed, snapping a large live oak tree at the trunk, and damaging several other trees. In this area, the [tornado](#) also pulled from the ground a well pump and cement anchors for a chain link fence. The [tornado](#) then knocked a home off pilings; the displaced residence incurred significant roof damage and crushed a pickup truck which was parked under the damaged house. The [tornado](#) then turned toward the north and northeast, damaging multiple trees before lifting along the west [bank](#) of the Stono River. The [tornado](#) was on the ground for less than 2 minutes.

Tornado #3

...[TORNADO](#) CONFIRMED ON JAMES ISLAND IN CHARLESTON COUNTY SOUTH CAROLINA...

Location...James Island in Charleston County South Carolina

Date...09/11/2017

Estimated Time...619 PM EDT

Maximum EF-Scale Rating...EF0

Estimated Maximum [Wind Speed](#)...83 MPH

Maximum Path Width...55 yards

Path Length...0.12 miles Beginning

[Lat](#)/Lon...32.7264N / -79.9111W

Ending [lat](#)/Lon...32.7279N / -79.9121W

* Fatalities...0

* Injuries...0

* The information in this statement is preliminary and subject to change pending final review of the event(s) and publication in [NWS Storm Data](#).

...Summary...

The National Weather Service in Charleston SC has confirmed a [tornado](#) on James Island in Charleston County South Carolina on 09/11/2017.

The weak, short-lived [tornado](#), associated with an outer rainband of [Tropical Storm](#) Irma, touched down in a marsh north of Schooner [Creek](#) and tracked north-northwest. The [tornado](#) uprooted a live oak tree and damaged another tree at the edge of the marsh. The [tornado](#) then damaged a residence on the southeast side of Seaward Drive, [blowing](#) off part of the southeast and northwest facing roof. The [tornado](#) then crossed Seaward Drive, damaging another tree and [blowing](#) 4 shutters off the southeast facing side of a residence on Lynne Avenue. Debris carried from the Seaward Drive residence also damaged a soffit on the Lynne Avenue home. The [tornado](#) then lifted south of Parrot Point [Creek](#), less than 2 minutes after touchdown.

Tornado #4

...[TORNADO](#) CONFIRMED NEAR MOUNT PLEASANT IN CHARLESTON COUNTY SOUTH CAROLINA...

Location...Mount Pleasant in Charleston County South Carolina

Date...09/11/2017

Estimated Time...713 PM EDT

Maximum EF-Scale Rating...EF0

Estimated Maximum [Wind Speed](#)...80 MPH

Maximum Path Width...90 Yards
Path Length...0.57 Miles
Beginning [Lat](#)/Lon...32.8027N / -79.8403W
Ending [lat](#)/Lon...32.7956N / -79.8353W
* Fatalities...0
* Injuries...0

* The information in this statement is preliminary and subject to change pending final review of the event(s) and publication in [NWS Storm Data](#).

...Summary...

The National Weather Service in Charleston SC has confirmed a [tornado](#) in Oak Haven Plantation of Mount Pleasant in Charleston County South Carolina on 09/11/2017.

A weak, short lived [tornado](#), associated with an outer rainband of Tropical Storm Irma, formed over the marsh area between Mount Pleasant and Sullivan's Island. The weak [tornado](#) first moved into the south end of Pine Island View Road, then moved quickly north-northwest over the eastern ends of Oak Landing Road and Green Path Lane, before dissipating back on Pine Island View Road. The time of the [tornado](#) was estimated using eye witness reports and [radar](#) data. Although no significant structural damage was observed, there were many large tree limbs down, some uprooted trees, and one wooden fence completely blown down. The [tornado](#) was estimated to have lasted only about two minutes before dissipating.

Reference

The Enhanced [Fujita Scale](#) classifies tornadoes into the following categories:

EF0...Wind speeds 65 to 85 mph
EF1...Wind speeds 86 to 110 mph
EF2...Wind speeds 111 to 135 mph
EF3...Wind speeds 136 to 165 mph
EF4...Wind speeds 166 to 200 mph
EF5...Wind speeds greater than 200 mph