

...NWS Damage Survey Summary for Helene Tornado Events...

.Daufuskie Island, SC...

Rating: EF0
Estimated Peak Wind: 80 mph
Path Length /statute/: 6.66 miles
Path Width /maximum/: 150 yards
Fatalities: 0
Injuries: 0

Start Date: 09/26/2024
Start Time: 07:03 AM EDT
Start Location: 1 SSE Daufuskie Island / Beaufort County / SC
Start Lat/Lon: 32.1046 / -80.8598

End Date: 09/26/2024
End Time: 07:16 AM EDT
End Location: 3 SW Myrtle Island / Beaufort County / SC
End Lat/Lon: 32.1891 / -80.9075

Survey Summary:

An EF-0 tornado, associated with an outer band of Hurricane Helene, touched down on Daufuskie Island, near Driftwood Cottage Lane. The tornado then continued northward across Daufuskie Island, snapping trees on Stoddard Court and on Martinangel Lane near Captain Monroe Lane. The tornado then crossed over the marsh between Daufuskie Island and Palmetto Bluff. Trees were snapped between Corley Street and Maritime Road near Old Moreland Road. Trees were also snapped on Amaranth Road at Moreland Road. The tornado then dissipated just north of Big House Plantation Road.

.Palmetto Bluff, SC...

Rating: EF0
Estimated Peak Wind: 76 mph
Path Length /statute/: 1.27 miles
Path Width /maximum/: 100 yards
Fatalities: 0
Injuries: 0

Start Date: 09/26/2024
Start Time: 07:20 AM EDT
Start Location: 2 ESE Pritchardville / Beaufort County / SC
Start Lat/Lon: 32.2166 / -80.9281

End Date: 09/26/2024
End Time: 07:22 AM EDT
End Location: 2 E Pritchardville / Beaufort County / SC
End Lat/Lon: 32.2349 / -80.9305

Survey Summary:

A brief, relatively weak tornado, associated with an outer band of Hurricane Helene, developed near Headwaters Road. At this point, there was only some minor and sporadic damage to small limbs and branches. As it moved rapidly northward, it crossed the far western marshy area of the May River. It then crossed May River Road, where it snapped and uprooted some trees, before it dissipated just to the north.

.Lodge...

Rating: EF1
Estimated Peak Wind: 90 mph
Path Length /statute/: 7.81 miles
Path Width /maximum/: 150 yards
Fatalities: 0
Injuries: 0

Start Date: 09/26/2024
Start Time: 12:52 PM EDT
Start Location: 1 NE Ashton / Colleton County / SC
Start Lat/Lon: 33.0207 / -80.9629

End Date: 09/26/2024
End Time: 01:11 PM EDT
End Location: 2 N Ehrhardt / Bamberg County / SC
End Lat/Lon: 33.1243 / -81.0118

Survey Summary:

A short lived tornado ahead of Hurricane Helene touched down near Gabriel Road in northern Colleton County with a few tree limbs down and a tree snapped at the trunk. As the tornado approached 641, multiple trees were snapped at the trunk on the northern side, facing Ashton Branch of Willow Swamp. The tornado continued to the northwest where multiple tree branches were broken along Ashton Road, with additional tree branch and limb damage persisting along Ralphs Road as well. The tornado then turned more northward and passed to the east of Ehrhardt, SC in Bamberg County, where several trees were noted snapped at the trunk along Bells Highway and Morningstar Lane. The tornado then lifted near or just east of 601, near Baucham Road. Thanks to Colleton County Emergency Management Agency for providing damage reports for this storm. Finally, thanks to the NWS Columbia office for their assistance with collaborating this storm damage survey.

.Gardens Corner, SC...

Rating: EF0
Estimated Peak Wind: 70 mph
Path Length /statute/: 3.87 miles
Path Width /maximum/: 175 yards
Fatalities: 0
Injuries: 0

Start Date: 09/27/2024
Start Time: 01:29 AM EDT
Start Location: 2 WNW Dale / Beaufort County / SC
Start Lat/Lon: 32.5681 / -80.7162

End Date: 09/27/2024
End Time: 01:32 AM EDT
End Location: 1 NNE Gardens Corner / Beaufort County / SC
End Lat/Lon: 32.614 / -80.7545

Survey Summary:

A brief EF-0 tornado, associated with the outer bands of Hurricane Helene, impacted portions of Gardens Corner. The tornado began just southeast of Washington Farm Road, where a few trees were uprooted and snapped. The tornado then traveled toward the northwest and snapped and uprooted some trees along Stroban Road near Daniels Drive. As the tornado approached Highway 17, it uprooted and snapped a few trees roughly between Dairy Farm Road and Cherry Oak Mews. The tornado then dissipated over a marshy area just north of Highway 17.

.Bolton`s Landing...

Rating: EF0
Estimated Peak Wind: 80 mph
Path Length /statute/: 2.02 miles
Path Width /maximum/: 90 yards
Fatalities: 0
Injuries: 0

Start Date: 09/27/2024
Start Time: 04:00 AM EDT
Start Location: 2 E Red Top / Charleston County / SC
Start Lat/Lon: 32.8001 / -80.095

End Date: 09/27/2024
End Time: 04:03 AM EDT
End Location: 1 N Red Top / Charleston County / SC
End Lat/Lon: 32.8177 / -80.1228

Survey Summary:

A weak, very short lived tornado associated with an outer rain band of Hurricane Helene touched down near Savannah Highway just west of Bonanza Rd. A tree was snapped closed to the trunk and then the tornado persisted northwest towards Aquabelle Ln and Bluewater Way where at least two large tree were snapped, hitting two different apartment units in the Bluewater Apartment complex. There were also many large branches broken throughout the complex area. The tornado then slightly lifted off of the ground as it crossed Bees Ferry Road and ended at Saint Hubert Way, where a few more small branches were noted. A special thanks to the Charleston County Emergency Management Division for their help before, during, and after Hurricane Helene.

.Wadmalaw Island, SC...

Rating: EF0
Estimated Peak Wind: 80 mph
Path Length /statute/: 2.09 miles
Path Width /maximum/: 125 yards
Fatalities: 0
Injuries: 0

Start Date: 09/27/2024
Start Time: 04:06 AM EDT
Start Location: 2 S Wadmalaw Island / Charleston County / SC
Start Lat/Lon: 32.6555 / -80.1767

End Date: 09/27/2024
End Time: 04:09 AM EDT
End Location: 1 W Wadmalaw Island / Charleston County / SC
End Lat/Lon: 32.6857 / -80.1806

Survey Summary:

A short lived tornado associated with Hurricane Helene impacted portions of Wadmalaw Island, SC. The tornado initially touched down in a marshy area just south of Bentz Road. As the tornado exited the marsh, several large trees were uprooted along Bentz Road and a power pole was pushed to the ground due to a large pine tree falling on it. The tornado continued to quickly travel north northwest and crossed Liberia Road near St. Johns Fire Department Station 3 and New Bethlehem Baptist Church. Here the tornado started to weaken as it downed several trees near both properties. The weakening tornado then crossed Katy Hill Road producing a considerable amount of small debris before dissipating just south of Bears Bluff Road.

.Rantowles...

Rating: EF0
Estimated Peak Wind: 70 mph
Path Length /statute/: 1.96 miles
Path Width /maximum/: 90 yards
Fatalities: 0
Injuries: 0

Start Date: 09/27/2024
Start Time: 04:20 AM EDT
Start Location: 1 NNE Rantowles / Charleston County / SC
Start Lat/Lon: 32.7925 / -80.1404

End Date: 09/27/2024
End Time: 04:22 AM EDT
End Location: 2 WNW Red Top / Charleston County / SC
End Lat/Lon: 32.8179 / -80.1555

Survey Summary:

A weak, very short lived tornado associated with an outer rain band of Hurricane Helene touched down near Savannah Highway near Davison Road where it caused two power poles to lean. The tornado then continued northwest to Carriage House Way where a tree was uprooted and a few limbs were noted down. The tree that was uprooted appeared to have a shallow root system and therefore the wind speed was lowered to a low end EF-0. A few smaller tree branches were also noted just south of Bulow Landing Road before the tornado lifted. A special thanks to the Charleston County Emergency Management Division for their help before, during, and after Hurricane Helene.

.Wadmalaw Island #2..

Rating: EF1
Estimated Peak Wind: 90 mph
Path Length /statute/: 2.48 miles
Path Width /maximum/: 150 yards
Fatalities: 0
Injuries: 0

Start Date: 09/27/2024
Start Time: 04:40 AM EDT
Start Location: 1 NW Rockville / Charleston County / SC
Start Lat/Lon: 32.6094 / -80.2016

End Date: 09/27/2024
End Time: 04:43 AM EDT
End Location: 3 NNW Rockville / Charleston County / SC
End Lat/Lon: 32.6453 / -80.1981

Survey Summary:

A tornado associated with Hurricane Helene impacted portions of Wadmalaw Island, SC. The tornado, possibly beginning as a waterspout just west or northwest of Rockville, SC, downed several large trees along Brigger Hill Road and McCants Road. The tornado then quickly traveled north snapping and blowing down several cluster of large hardwood trees along Leadenwah Drive and Allendale Plantation Road before dissipating in an area of water and marsh south of Heron Island Way. The tornado was likely at its strongest passing over Leadenwah Drive where the tree damage was the most extensive.