



Piedmont Triad AmRRON ExSum Hurricane Florence (Update 3)

Key Judgments:

All residents should continue to closely monitor weather services for updated forecasts regarding hurricane Florence. Storm path projections are changing continuously.

Although landfall is not expected to occur until the early morning hours on Friday, the effects of the storm are already causing severe conditions on land. Tropical storm force winds are expected to reach the center of the Carolinas on Thursday afternoon.

All residents in Mandatory Evacuation Areas should leave immediately if they have not already done so.

All residents living in flood prone areas should evacuate if they have not already done so.

Anyone planning to shelter-in-place should be prepared for several days without outside assistance.

AmRRON members are conducting nets according to the AmRRON SOI. See the AmRRON website for the most current information regarding nets. See References below for relevant links.

The Cajun Navy Relief has began staging boat teams ahead of hurricane Florence. They are coordinating with emergency management organizations in North Carolina and South Carolina.



Introduction:

Tropical Storm Florence has weakened from a category 4 hurricane to a category 2 hurricane as of September 13^h. As of Thursday morning, Florence's eye was located about 170 miles east-southeast of Wilmington, North Carolina, moving northwestward.

The projections regarding the path of the storm have shifted to a more southernly course than originally anticipated. The projections regarding the strength of the storm have been reduced from a category 4 hurricane originally to a category 2 hurricane presently. The size of the storm has remained very large at approximately 350 miles across.

Substantiation:

2018-09-12-1630Z – NOAA NWChat: HURRICANE FLORENCE LOCAL STATEMENT INTERMEDIATE ADVISORY NUMBER 54A NATIONAL WEATHER SERVICE CHARLESTON SC AL062018

[https://cdn.discordapp.com/attachments/486901784099553306/489597783519526913/NWS Charleston Local Advisory 54A.pdf](https://cdn.discordapp.com/attachments/486901784099553306/489597783519526913/NWS_Charleston_Local_Advisory_54A.pdf)

EXTREMELY DANGEROUS MAJOR HURRICANE FLORENCE CONTINUES TO APPROACH THE SOUTHEAST U.S. COAST. MUCH UNCERTAINTY REMAINS REGARDING THE PROGRESS OF FLORENCE SO EXACT IMPACTS ACROSS SOUTHEAST SOUTH CAROLINA AND SOUTHEAST GEORGIA ARE UNCERTAIN BUT CONFIDENCE IS INCREASING IN POTENTIALLY SIGNIFICANT IMPACTS. IT IS IMPORTANT TO REMEMBER TO NOT FOCUS ON THE EXACT FORECAST TRACK AS IMPACTS WILL EXTEND WELL AWAY FROM THE CENTER. DANGEROUS SURF ZONE CONDITIONS WILL ALSO CONTINUE SOUTHWARD INTO THE NORTHERN GEORGIA COAST THROUGH AT LEAST LATE WEEK. THE WORST CONDITIONS ARE MOST LIKELY FRIDAY THROUGH THE WEEKEND.



2018-09-13-0200Z – weather.com: Hurricane Florence Siege Begins Tonight; Storm Surge, Catastrophic Flash Flooding, High Winds to Hammer the Carolinas, Appalachia

<https://weather.com/safety/hurricane/news/2018-09-13-hurricane-florence-forecast-carolinas-southeast-landfall>

- Florence is a dangerous Category 2 hurricane.
- Florence is expected to crawl near or along the coast of the Carolinas through Friday.
- This will produce catastrophic flash flooding and major river flooding.
- Life-threatening storm surge will occur near landfall and for some time after.
- Hurricane and storm surge warnings have been issued.
- Hurricane-force winds should arrive tonight into Friday.
- Tropical-storm-force winds may arrive as soon as today.
- Florence's remnant will linger in parts of the East into early next week.

Hurricane Florence is making its final approach to the Carolinas, with landfall possible either overnight tonight or Friday, kicking off an agonizing crawl through the Southeast into early next week, producing catastrophic inland rainfall flooding, life-threatening storm surge and destructive winds.

As of early Thursday morning, Florence's eye was located about 200 miles east-southeast of Wilmington, North Carolina, moving northwestward.

2018-09-12-16230Z – wxii12.com: Gov. Cooper: 'Don't bet your life on riding out a monster'

<https://www.wxii12.com/article/gov-cooper-don-t-bet-your-life-on-riding-out-a-monster/23091450>

Governor Cooper: Reiterating the threat this storm will bring. He says hurricane Florence will be unlike any the state has seen, and everyone will be impacted in some way.

2018-09-12-14260Z – wxii12.com: List of shelters available for Hurricane Florence evacuees in North Carolina

<https://www.wxii12.com/article/list-of-shelters-available-for-hurricane-florence-evacuees-in-north-carolina/23102046?src=app>

As Hurricane Florence continues to inch closer to the coast of the Carolinas, local officials are advising storm evacuees of shelters within the region. In Winston-Salem, the Lawrence Joel Veterans Memorial Coliseum will open as an emergency shelter for storm evacuees as part of North Carolina's response to the storm.

Follow the link above for a list of shelters open across the entire state listed by county.

2018-09-12-2200Z – foxnews.com: Hurricane Florence prompts volunteer group America's Cajun Navy to send more than 1,000 people to help

<https://www.wdtn.com/news/u-s-world/cajun-navy-relief-says-they-re-ready-to-assist-florence-victims/1436773956>

A volunteer organization called America's Cajun Navy says it's sending more than 1,000 people to North Carolina, South Carolina and Virginia ahead of Hurricane Florence. Billiot says America's Cajun Navy is sending "maybe 12 or 1300" people to the Carolinas and Virginia and "800, almost 900 boats" which come from across the U.S.

AmRRON

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ExSum-PT AmRRON 2018-09-13-A

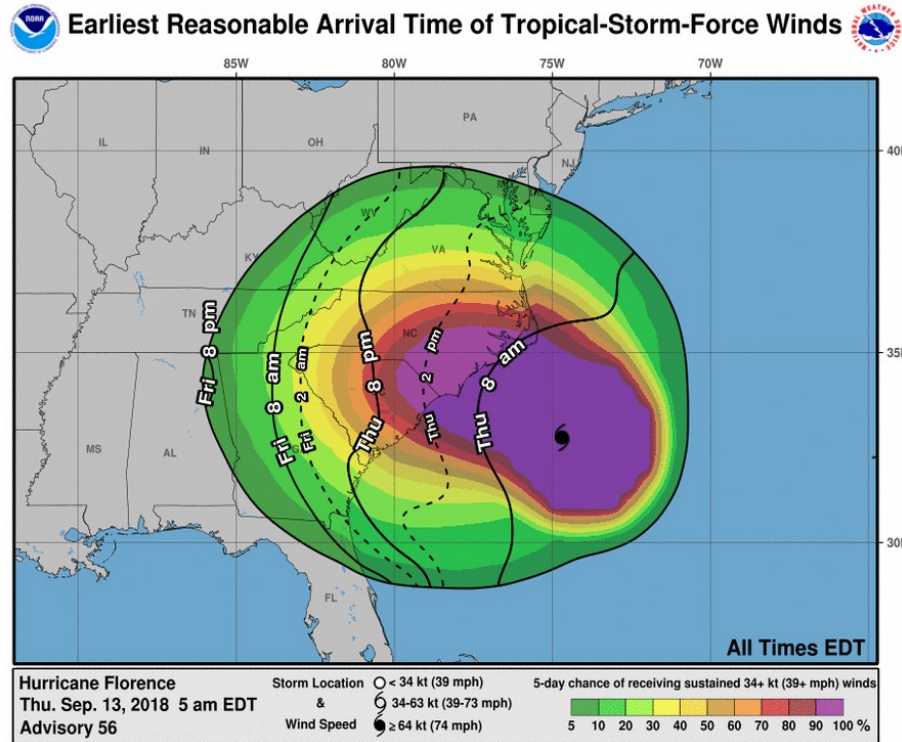


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“[The] number we’re worried about: zero,” he said. “We want to see the number zero: zero fatalities, zero injuries. That is our main number.”



2018-09-13-010:45Z – NOAA NHC: Earliest Reasonable Arrival Time of Tropical -Storm-Force Winds



2018-09-12-0720Z – wdtm.com: Cajun Navy Relief says they're ready to assist Florence victims

<https://www.wdtm.com/news/u-s-world/cajun-navy-relief-says-they-re-ready-to-assist-florence-victims/1436773956>

Volunteers from Cajun Navy Relief say they're heading wherever help is needed to assist first responders. The group is the original Cajun Navy organization that formed right after Hurricane Katrina, according to the group's co-founder Damien Callais. He says they have members from all over the state of Louisiana, and even in other parts of the country.



On Wednesday night, the Cajun Navy Relief group will send out maybe a dozen of their highly skilled 'Pathfinder team' to areas that could see the impact from Hurricane Florence. "So we're going to send them ahead of time to kind of assess the need. Then what we're going to do, is then dispatch out to those specific places of need," said Callais.

Callais says that the Cajun Navy Relief is a great example of what America should be like. "When you're out rescuing somebody, it doesn't matter if you're Democrat or Republican, it doesn't matter what your skin color is, it doesn't matter what you're religious affiliation is. It's human nature for us to love each other," he said. Callais says it's funny how God uses natural disasters to bring people together and to put aside our differences.



AmRRON SitReps:

SitRep: K4MKE-2 - Emergency Shelter in W-S

The emergency shelter for Hurricane Florence evacuees opened Wednesday at Lawrence Joel Veterans Memorial Coliseum. The shelter is intended for people evacuating from the coast, said Winston-Salem/Forsyth County Emergency Management Director August Vernon. However, people in the area can stay there, as well, if needed. The coliseum is at 2825 University Parkway in Winston-Salem. The shelter is being operated by state Emergency Management officials with Forsyth County officials supporting them, he said. Winston-Salem police will provide security. –Winston Salem Journal

2018-09-12 Email report:

FYI, this team is also looking for volunteers to help with disaster relief. <https://www.cacteam.com>

They are not associated with the Government in any way. Looking for people that can deploy, have boats, trucks, other useful equipment, Looking for people that can house volunteers so they have a place to sleep and get a shower. Check them out.



Outlook:

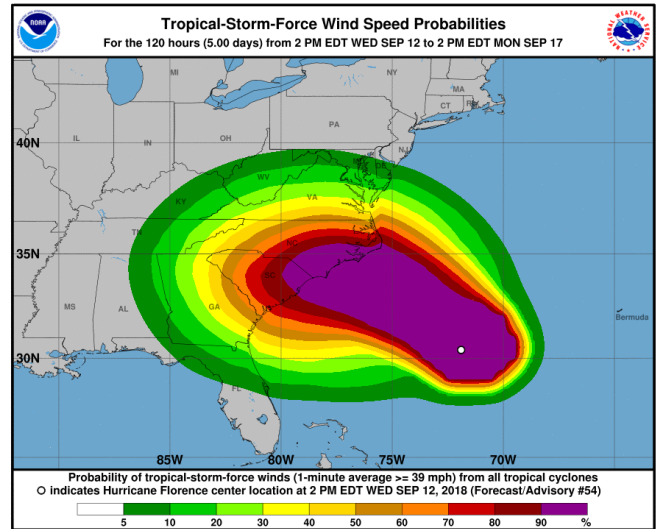
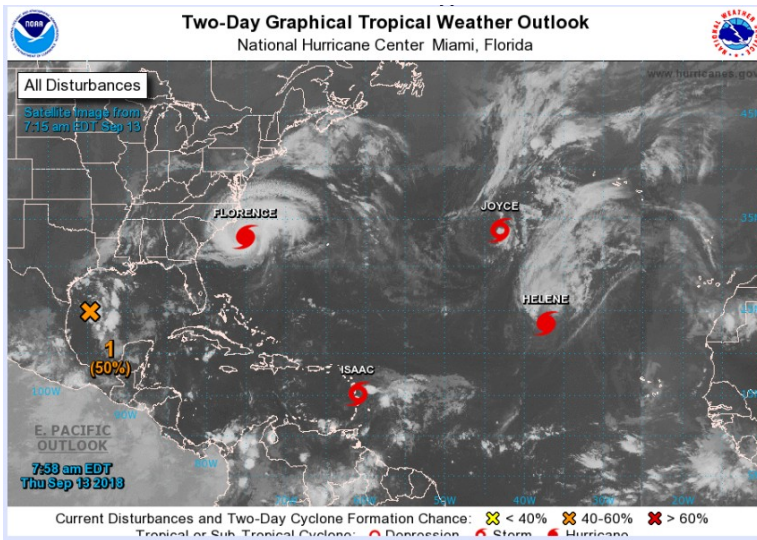
Although hurricane Florence has weakened to a category 2 hurricane, the storm is still very large and slow moving. Large amounts of rain are expected to extend into the interior areas of the Carolinas and Georgia. Although projections regarding the exact course of the eye of the hurricane have changed somewhat, the effects of the hurricane are expected to be widespread with severe weather (wind damage and flooding) severely affecting North Carolina, South Carolina, and Georgia.

Tropical storm force winds are expected to reach the Triad (Winston-Salem, Greensboro, High Point) on Thursday afternoon. There could be long periods of high wind due to the slow forward motion of the storm.

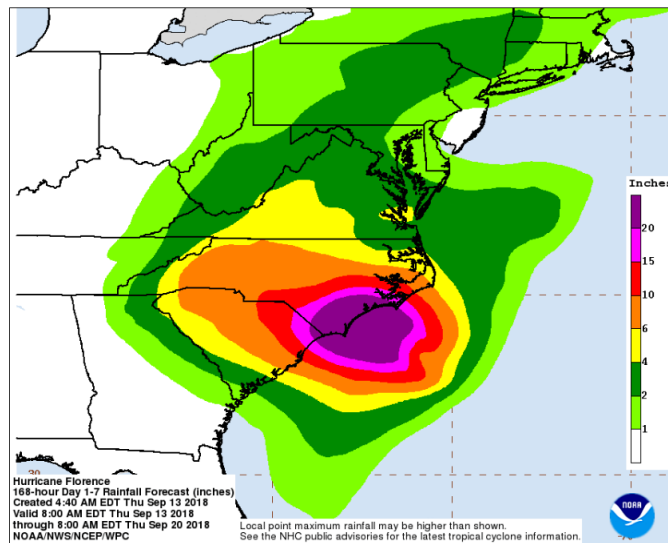
Supplies such as batteries, gas, lanterns, candles, water, and basic foods are scarce at this time. Availability of fuel at gas stations is scattered and varying. These supplies continue to be depleted and resupplied on a regular cycle. Expect the resupplies to become more scarce as the storm makes landfall and fuel shortages to increase.

Emergency services will not be immediately available during the storm. Only after the storm conditions begin to subside will emergency and rescue crews begin to offer assistance. This could be a day or more after landfall before rescue operations can begin. These rescue operations will likely last for several days. Anyone planning to shelter in place should be prepared for several days without outside assistance.

Power outages and flooding are expected throughout the Carolinas and Georgia.



U.S. Rainfall QPF (from WPC)



References:

- 1) ExSum – PT AmRRON 2018-09-08-A Tropical Storm/Hurricane Conditions for NC in the Coming Week
- 2) ExSum – PT AmRRON 2018-09-10-A Hurricane Florence
- 3) ExSum – PT AmRRON 2018-09-11-A Hurricane Florence (Update)
- 4) ExSum – PT AmRRON 2018-09-11-A Hurricane Florence (Update)
- 5) AmRRON Communications Condition Level: <https://amrron.com/net-resourcestools/amcon-amrron-communications-condition-level/>



- 6) AmRRON Tropical Storm/Hurricane for Coming Week: <https://amrron.com/2018/09/09/tropical-storm-hurricane-conditions-for-nc-in-the-coming-week/>
- 7) NWS: National Hurricane Preparedness: <https://www.weather.gov/wrn/hurricane-preparedness>
- 8) NOAA: National Hurricane Center:
https://www.nhc.noaa.gov/refresh/graphics_at1+shtml/092830.shtml?cone#contents