

HSEM continues to monitor Hurricane Florence, as well as Hurricanes Isaac and Helene. For your situational awareness, we are providing snapshots and pertinent information for each.

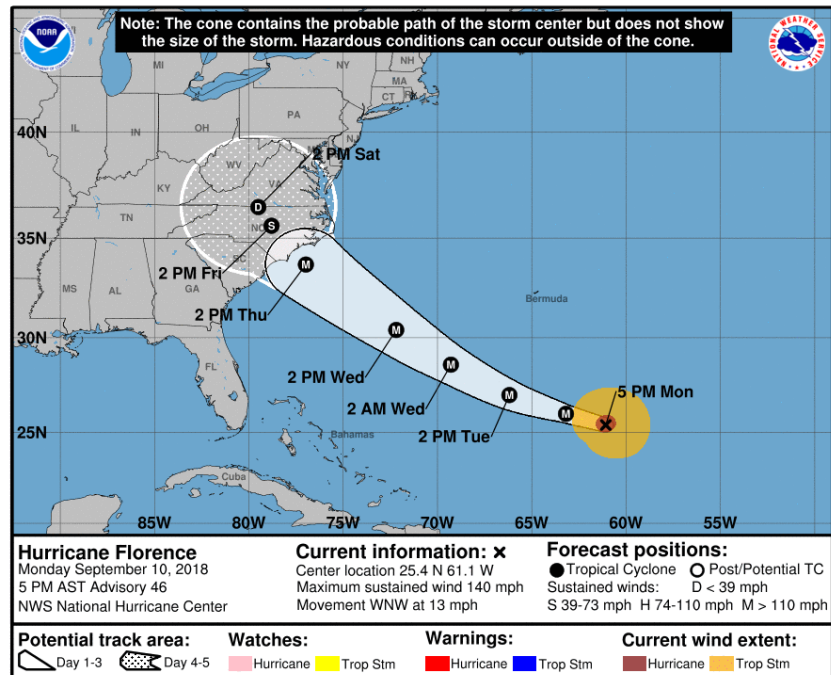
## Hurricane Florence

At 5pm AST, Hurricane Florence was located 1170 miles east-southeast of Cape Fear, North Carolina with maximum sustained winds of 140 mph and a minimum central pressure of 939 mb.

Florence is moving toward the west-northwest near 13 mph. This general motion with an increase in forward speed is expected during the next couple of days. On the forecast track, the center of Florence will approach the coast of South Carolina or North Carolina on Thursday.

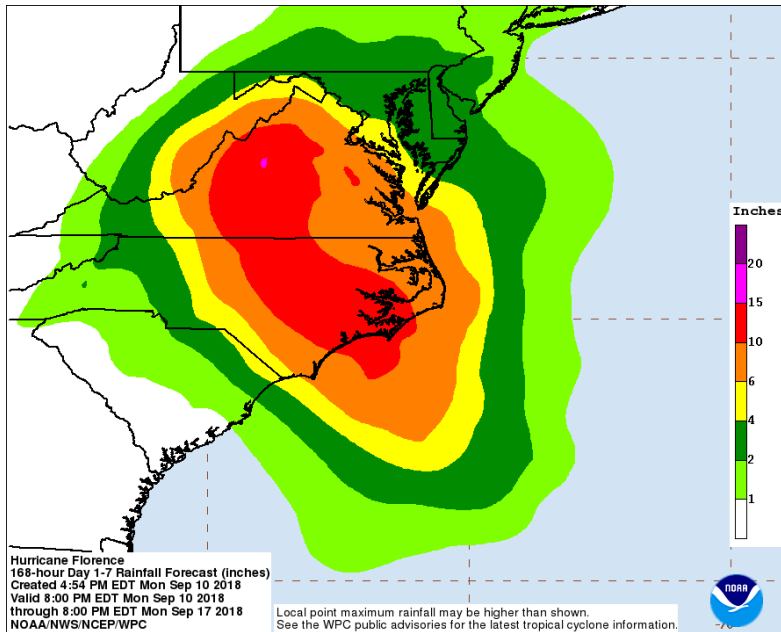
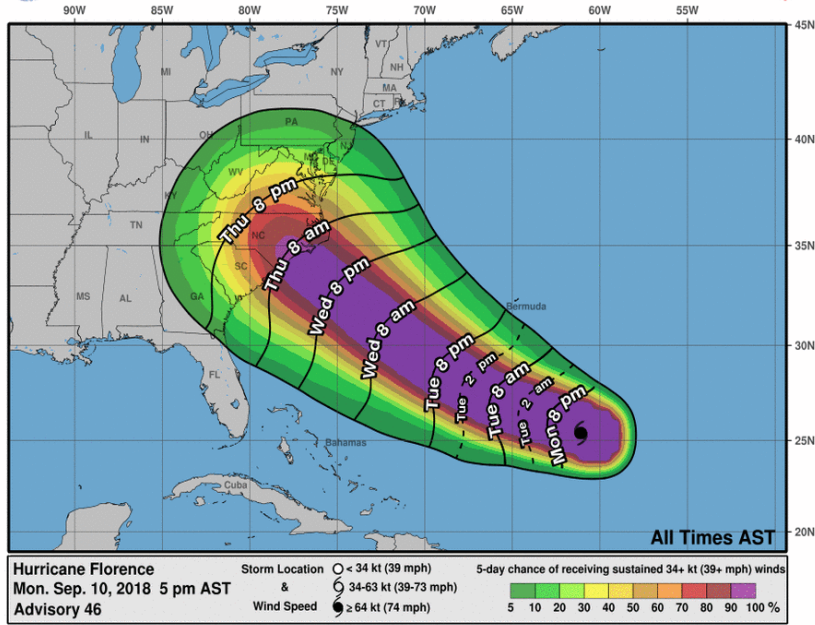
Florence is a category 4 Hurricane on the Saffir-Simpson Hurricane Wind Scale. Further strengthening is anticipated, and Florence is expected to be an extremely dangerous major Hurricane through Thursday.

Interests in the southeastern and mid-Atlantic states should monitor the progress of Florence. Storm Surge and Hurricane watches could be issued for portions of these areas by Tuesday morning.





### Most Likely Arrival Time of Tropical-Storm-Force Winds





# Key Messages for Hurricane Florence

Advisory 46: 5:00 PM AST Mon Sep 10, 2018



1. A life-threatening storm surge is likely along portions of the coastlines of South Carolina, North Carolina, and Virginia, and a Storm Surge Watch will likely be issued for some of these areas by Tuesday morning. All interests from South Carolina into the mid- Atlantic region should ensure they have their hurricane plan in place and follow any advice given by local officials.

2. Life-threatening freshwater flooding is likely from a prolonged and exceptionally heavy rainfall event, which may extend inland over the Carolinas and Mid Atlantic for hundreds of miles as Florence is expected to slow down as it approaches the coast and moves inland.

3. Damaging hurricane-force winds are likely along portions of the coasts of South Carolina and North Carolina, and a Hurricane Watch will likely be issued by Tuesday morning. Damaging winds could also spread well inland into portions of the Carolinas and Virginia.

4. Large swells affecting Bermuda and portions of the U.S. East Coast will continue this week, resulting in life-threatening surf and rip currents.



<b>Hurricane Florence</b> Monday September 10, 2018 5 PM AST Advisory 46 NWS National Hurricane Center	<b>Current information: x</b> Center location 25.4 N 61.1 W Maximum sustained wind 140 mph Movement WNW at 13 mph	<b>Forecast positions:</b> ● Tropical Cyclone ○ Post/Potential TC Sustained winds: D < 39 mph S 39-73 mph H 74-110 mph M > 110 mph
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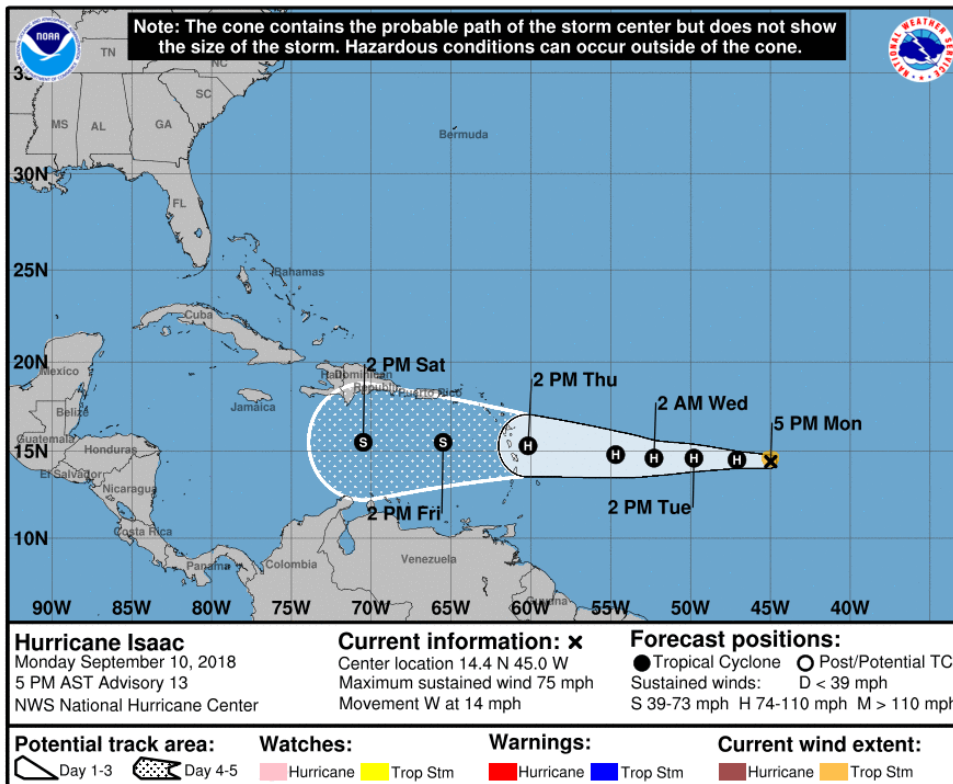
Most Likely Arrival Time of Tropical-Storm-Force Winds



All Times AST

For more information go to [hurricanes.gov](http://hurricanes.gov)

# Hurricane Isaac

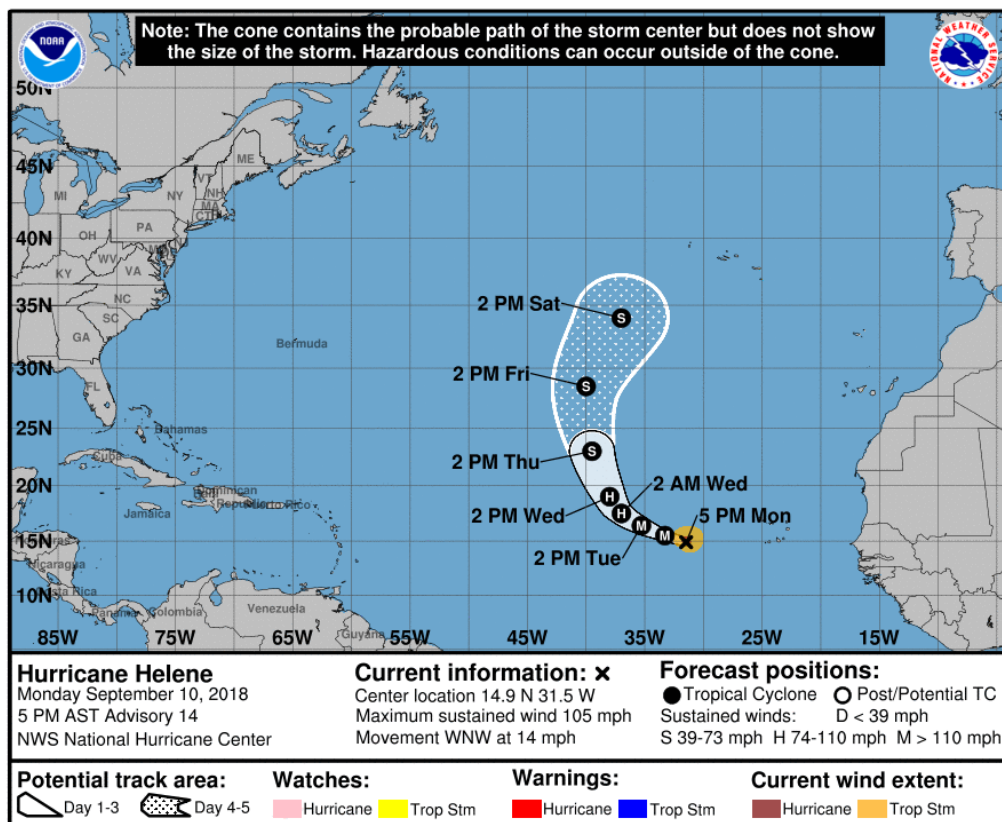


**HURRICANE ISAAC** - At 500 PM AST (2100 UTC), the center of Hurricane Isaac was located near latitude 14.4 North, longitude 45.0 West. Isaac is moving toward the west near 14 mph (22 km/h). A westward motion with a slight increase in forward speed is expected through the end of the week. On the forecast track, Isaac should move across the Lesser Antilles and into the eastern Caribbean Sea on Thursday.

Maximum sustained winds are near 75 mph (120 km/h) with higher gusts. Some strengthening is expected over the next day or two. Weakening is forecast to begin by the middle of the week as Isaac approaches the Lesser Antilles.

Isaac is a small hurricane. Hurricane-force winds extend outward up to 10 miles (20 km) from the center and tropical-storm-force winds extend outward up to 45 miles (75 km).

## Hurricane Helene



**HURRICANE HELENE** - At 500 PM AST (2100 UTC), the eye of Hurricane Helene was located near latitude 14.9 North, longitude 31.5 West. Helene is moving toward the west-northwest near 14 mph (22 km/h). A continued

west- northwestward motion with a decrease in forward speed is expected through late Tuesday, followed by a turn toward the northwest and then toward the north-northwest on Wednesday and Thursday. Maximum sustained winds remain near 105 mph (165 km/h) with higher gusts. Some strengthening is possible during the next 12 to 24 hours, but gradual weakening should begin thereafter.

Hurricane-force winds extend outward up to 35 miles (55 km) from the center and tropical-storm-force winds extend outward up to 115 miles (185 km).