



Unified Emergency Operations Center

0500hrs Dorian Briefing
September 1, 2019

Flagler County Emergency Management

All weather information provided by the
National Weather Service





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The Latest on Hurricane Dorian as of 0500hrs

- The tropical cyclone was about 385 miles east southeast of Flagler County
- Max sustained winds were 150 mph making Dorian a Category 4 Hurricane.
- Movement was west at 8 mph with a pressure was 934 mlb

Where is it expected to go?

- A west to west northwest course is expected to continue the next few days with a slowing in speed.
- This will bring the center of Dorian somewhere across the Bahamas by Monday into Tuesday.
- Then Dorian is forecast to turn northward and parallel the Florida coast on Tuesday and Wednesday.
- Exactly where the turn occurs will be pivotal to our local weather and there is great uncertainty in that.
- It should be noted that a good part of Florida is still in the cone and a Florida Landfall cannot be ruled out.

Likely impacts on Flagler County, depending on storm track, size and intensity:

- Dangerous rip currents risks with rough surf are increasing.
- Beach erosion is very likely along with gales along the coast.
- Some low land flooding near times of high tide in the Intracoastal is possible well ahead of the storm

Possible impacts on Flagler County, depending on storm track, size and intensity:

- Tropical Storm Conditions are possible starting on Tuesday potentially lasting through Wednesday.
- The risk of hurricane conditions has decreased SLIGHTLY and may fluctuate further, but this is uncertain.
- Storm surge is possible to what extent is not known.

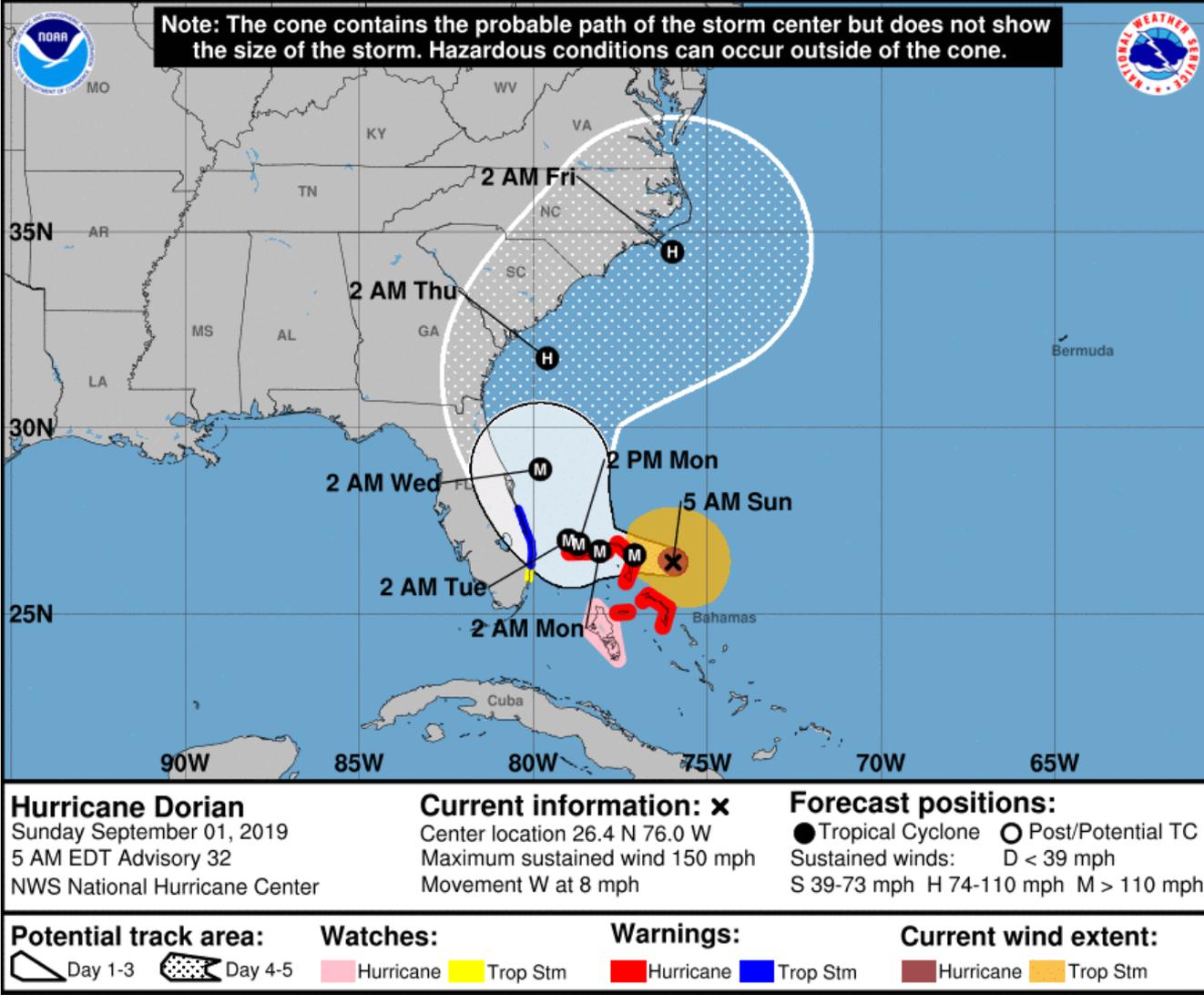


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ADVISORIES, WATCHES AND WARNINGS

- High Risk of Rip Currents
- Coastal Flood Advisory is in place.
- High Surf Advisory
- No other bulletins are in place at this time
- Check <http://www.weather.gov/jax/> for the latest warnings / updates



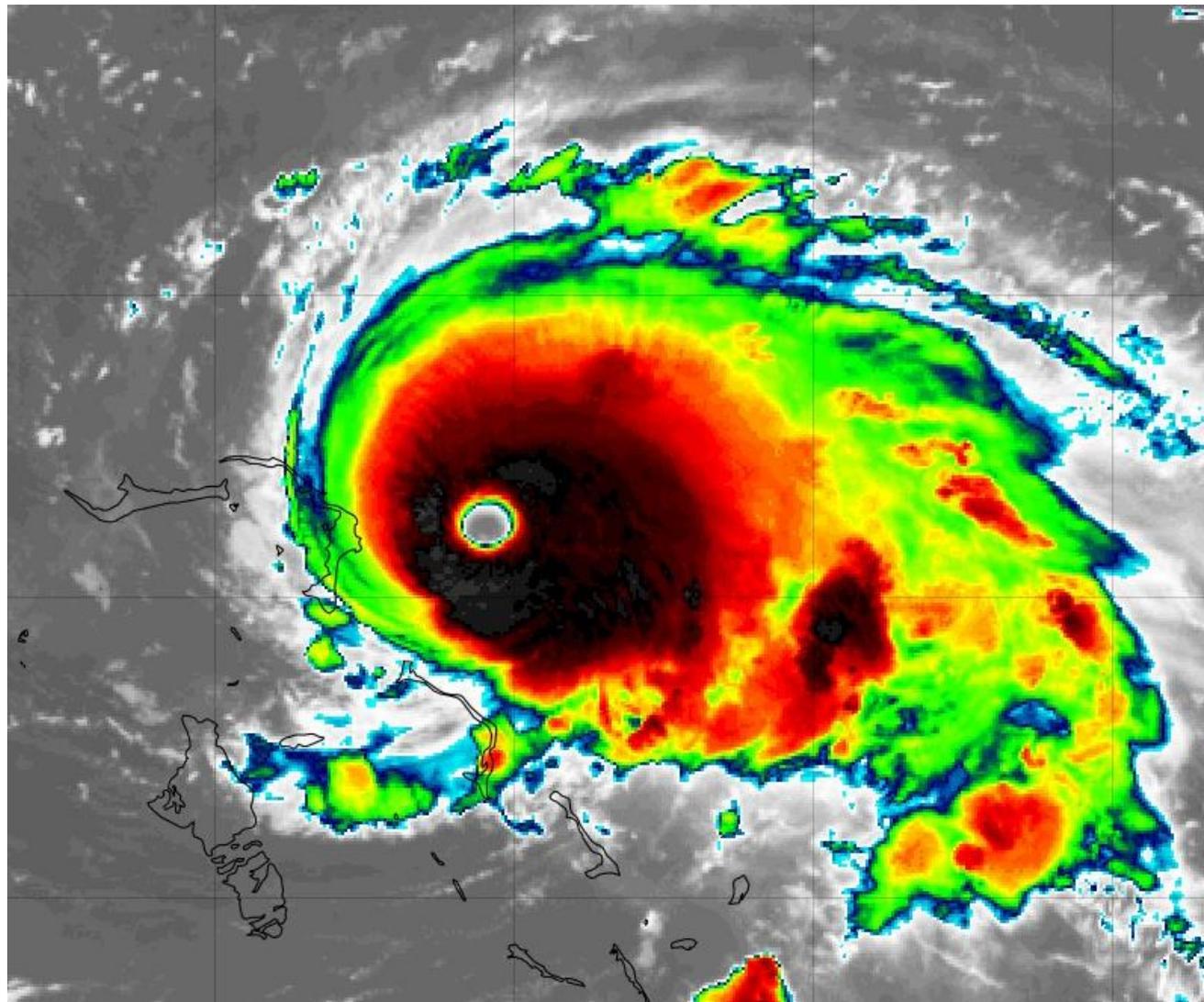
Forecast Track and Intensity:

- Latest guidance suggests a northward storm track off of the coast Tuesday - Wednesday.
- There is still some uncertainty in the track. Any westward shift will yield severe impacts to the area.
- The cone of error still covers the region meaning a Florida landfall can still occur.
- Monitor the latest from NHC.



About Dorian:

- Cat 4 hurricane.
- Max wind 150 mph, moving W at 8 mph, pressure 934 mlb,
- Additional strengthening possible.
- Hurricane force winds extend 30 miles from the center, tropical storm force winds extend 105 miles from the center.





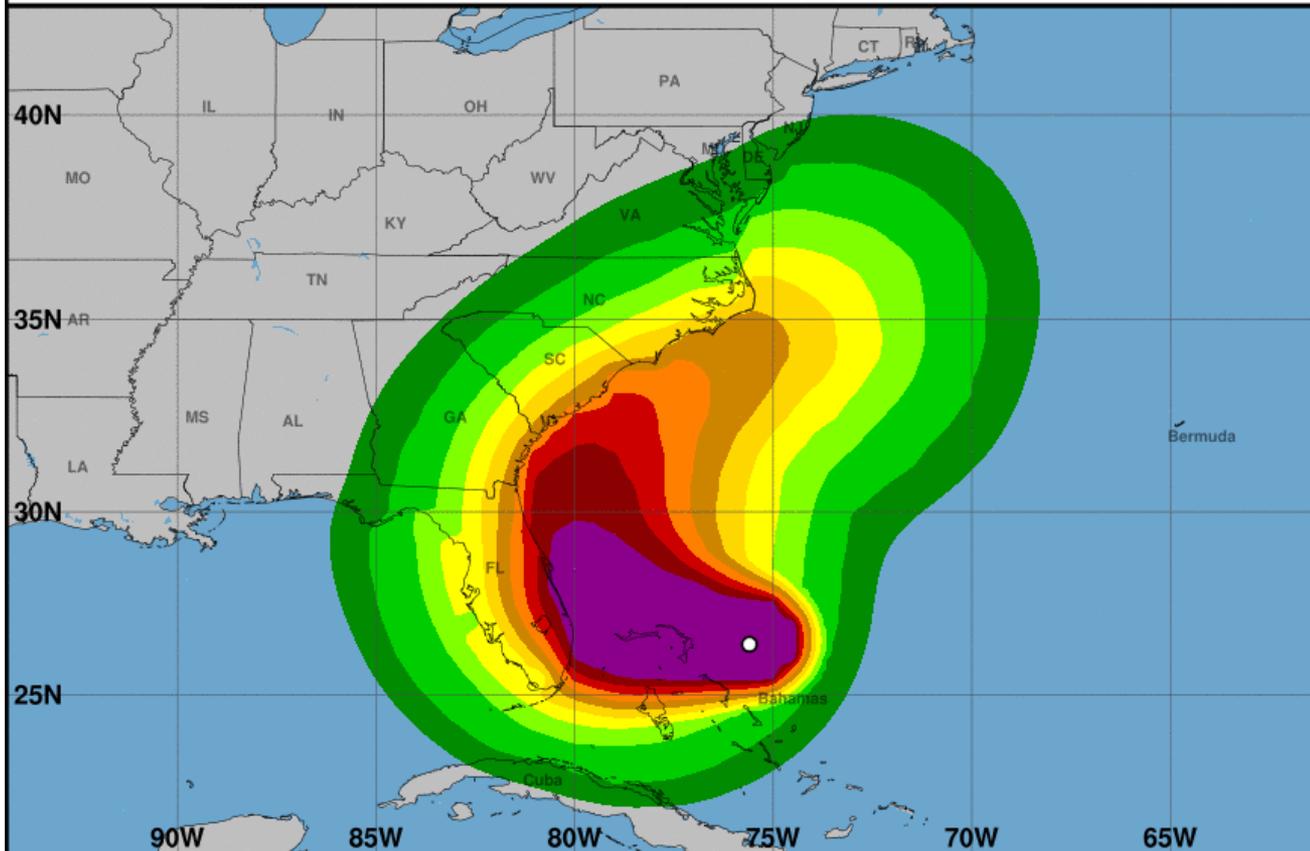
Tropical-Storm-Force Wind Speed Probabilities



For the 120 hours (5.00 days) from 2 AM EDT SUN SEP 01 to 2 AM EDT FRI SEP 06

Cumulative Wind Risk Chances:

- There is a 79% chance of at least 1 minute of 39 mph or stronger wind in Flagler County.
- Hurricane Wind Risk is 23%.
- These numbers have generally stabilized in the last 24 hours and will flux and change.
- Watch the trends!
- These are cumulative or overall wind risks.



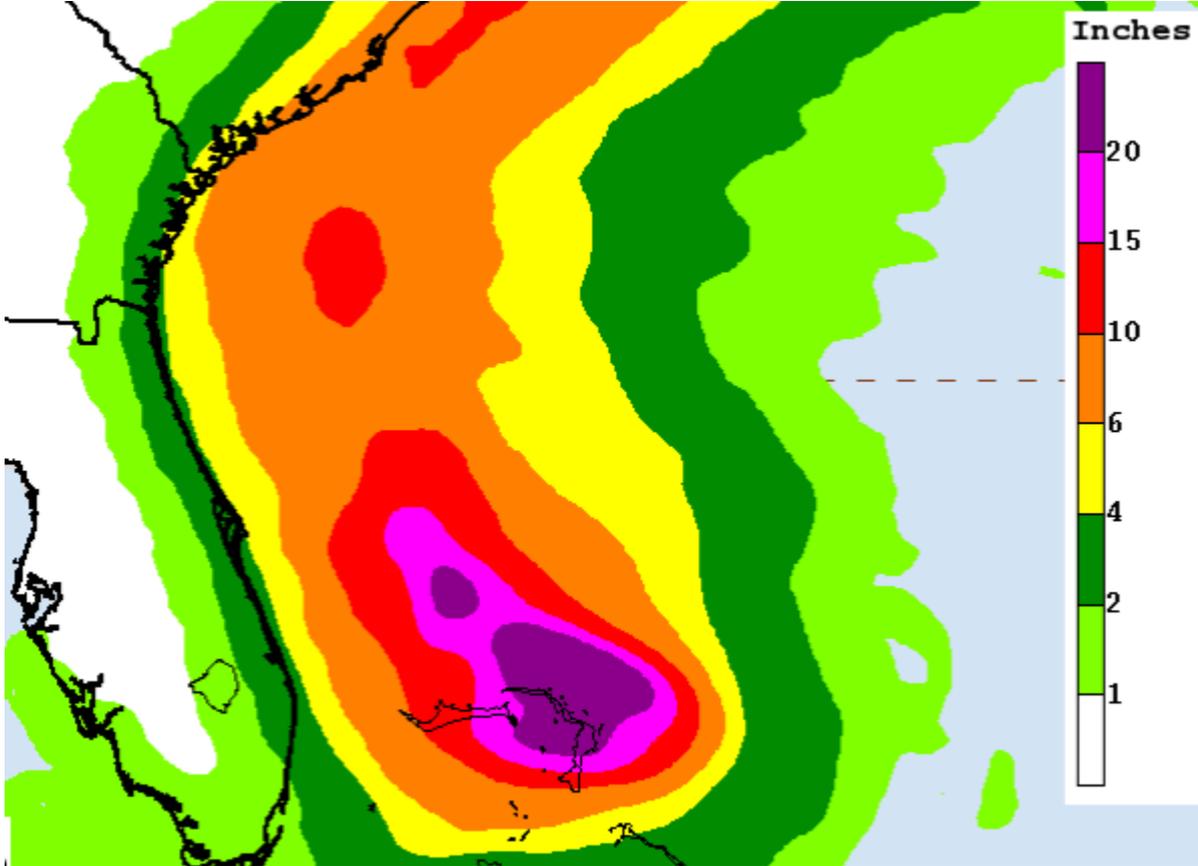
Probability of tropical-storm-force winds (1-minute average \geq 39 mph) from all tropical cyclones
○ indicates Hurricane Dorian center location at 2 AM EDT SUN SEP 01, 2019 (Forecast/Advisory #32)





Rainfall Forecast:

- 2-4 inches of rain is possible.
- Localized amounts may be higher.
- This is a lot less than first thought.
- But can change if the track changes.





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Flagler County Talking Points:

- Overall breezy conditions expected through the weekend and into next week with passing showers.
- Dangerous marine conditions, rip currents and large surf will impact the beaches
- Some low level nuisance flooding is possible near times of high tide in the Intracoastal and beaches.
- Heavy rainfall is likely with 2 - 4 inches possible. Locally heavier amounts possible.
- Arrival of winds is possible on Tuesday lasting into Wednesday most likely Tropical Storm Force but hurricane conditions are still possible.
- Storm Surge is still very possible to what extent is not known especially if the storm changes course.
- There is great uncertainty in the track and intensity of Dorian and any shift to the west can bring severe impacts locally.
- All of this can change! Conditions depend on storm track, structure and intensity.

Stay Up to Date!

Stay up to date as things can change!

Only use official sources of information.

NWS Jax www.weather.gov/Jax

National Hurricane Center: <http://www.hurricanes.gov>

NWS Briefing <http://www.weather.gov/media/jax/briefings/nws-jax-briefing.pdf>

Flagler EM www.FlaglerCounty.org/Emergency

Social Media:

Facebook: <https://www.facebook.com/FlaglerEOC/>

Twitter: <https://twitter.com/FlaglerEM>

Instagram: <https://www.instagram.com/FlaglerEOC/>

Updates will be sent out as needed.

Any questions please e mail me at:

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