



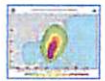
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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

HURRICANE IAN

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U.S. Watch/Warning Local Products



Wind Speed Probabilities



Arrival Time of Winds



Wind History



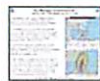
Warnings/Cone Interactive Map



Warnings/Cone Static Images



Warnings and Surface Wind



Key Messages



Mensajes Claves



Storm Surge Inundation



Storm Surge Watch/Warning



Peak Surge



U.S. Rainfall Potential



Flash Flooding Potential



U.S. Tornado Potential



Key Messages for Hurricane Ian Advisory 18: 11:00 AM EDT Tue Sep 27, 2022

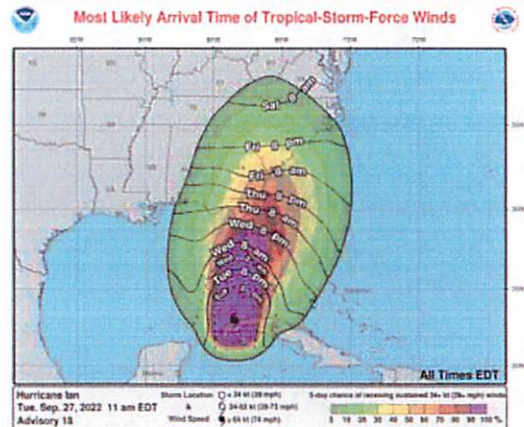
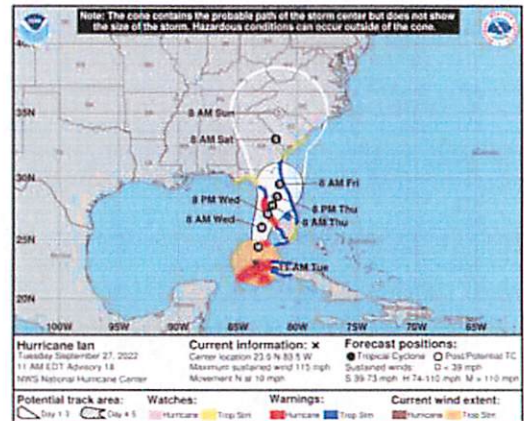


1. Life-threatening storm surge, hurricane-force winds, flash floods and possible mudslides are expected to continue in portions of western Cuba today. Devastating wind damage is expected near the core of Ian.

2. Life-threatening storm surge looks increasingly likely along much of the Florida west coast where a storm surge warning is in effect, with the highest risk from Fort Myers to the Tampa Bay region. Residents in these areas should listen to advice given by local officials and follow evacuation orders if made for your area.

3. Hurricane-force winds are expected in the hurricane warning area in southwest and west-central Florida beginning Wednesday morning with tropical storm conditions expected by this evening. Residents should rush all preparations to completion today.

4. Heavy rainfall will increase across the Florida Keys and south Florida today, spreading into central and northern Florida tonight and Wednesday, into the Southeast U.S. by Thursday and Friday, likely causing flash, urban, and small stream flooding. Considerable flooding is expected across central Florida into southern Georgia and coastal South Carolina, with widespread, prolonged moderate to major river flooding expected across central Florida.

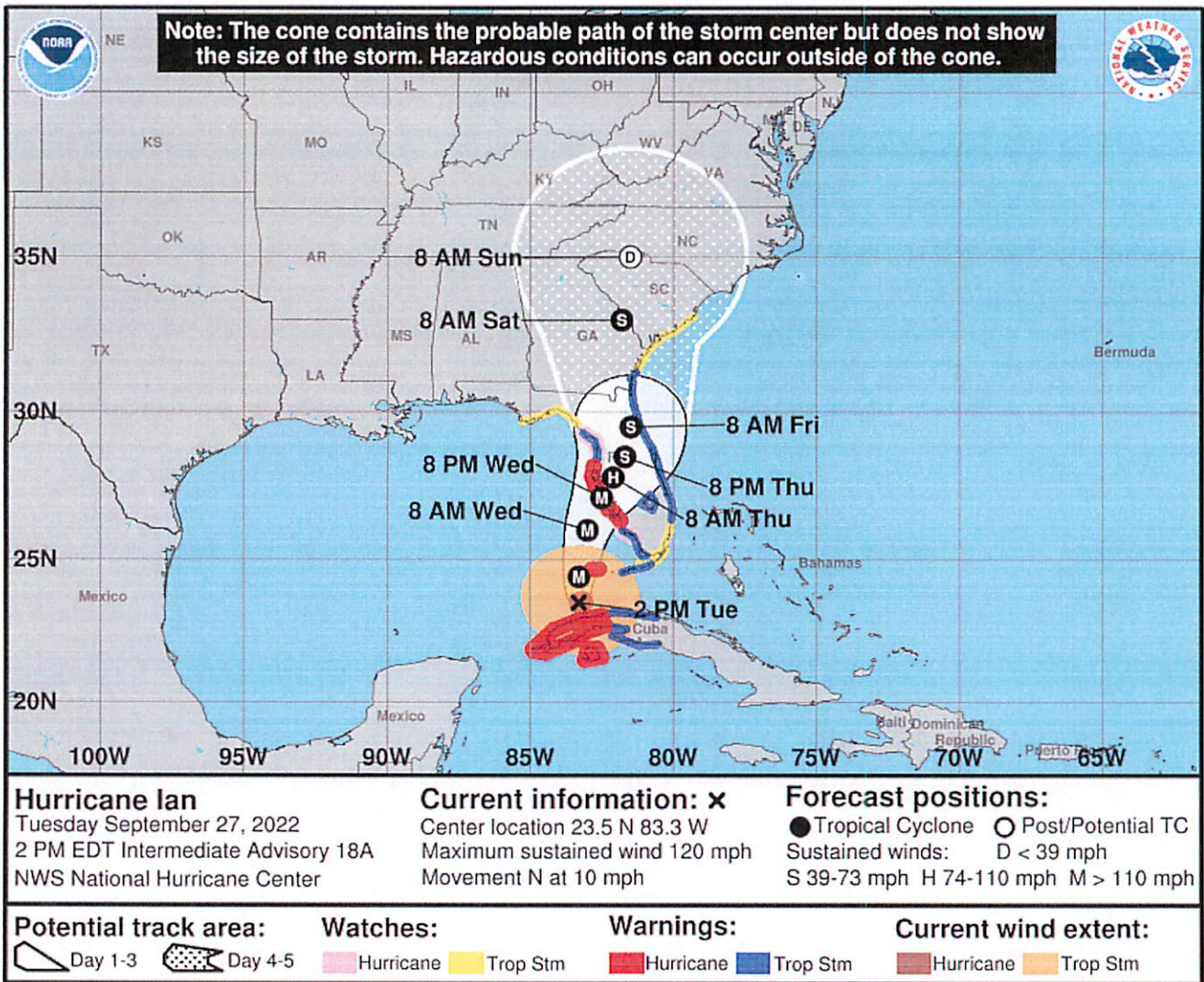


For more information go to hurricanes.gov

[Click Here for a Printer Friendly Graphic](#)

About this product:

Key Messages, when available, are found in the NHC Tropical Cyclone Discussion text product. They are designed to highlight essential points about hazards and forecast uncertainty for select tropical cyclones. The Key Messages graphic on the NHC website and NHC social media (Twitter and/or Facebook) pages includes the text of the Key Messages and relevant tropical cyclone graphics, which can include the cone graphic, the 34-kt cumulative wind speed probability graphic, or a rainfall forecast graphic provided by the Weather Prediction Center.



* If the storm is forecast to dissipate within 3 days, the "Full Forecast" and "3 day" graphic will be identical

[Click Here for a 5-day Cone Printer Friendly Graphic](#)

How to use the cone graphic (video):



About this product:

This graphic shows an approximate representation of coastal areas under a hurricane warning (red), hurricane watch (pink), tropical storm warning (blue) and tropical storm watch (yellow). The orange circle indicates the current position of the center of the tropical cyclone. The black line, when selected, and dots show the National Hurricane Center (NHC) forecast track of the center at the times indicated. The dot indicating the forecast center location will be black if the cyclone is forecast to be tropical and will be white with a black outline if the cyclone is forecast to be extratropical. If only an L is displayed, then the system is forecast to be a remnant low. The letter inside the dot indicates the NHC's forecast intensity for that time:

- D: Tropical Depression – wind speed less than 39 MPH
- S: Tropical Storm – wind speed between 39 MPH and 73 MPH
- H: Hurricane – wind speed between 74 MPH and 110 MPH
- M: Major Hurricane – wind speed greater than 110 MPH

NHC tropical cyclone forecast tracks can be in error. This forecast uncertainty is conveyed by the track forecast "cone", the solid white and stippled white areas in the graphic. The solid white area depicts the track forecast uncertainty for days 1-3 of the forecast, while the stippled area depicts the uncertainty on days 4-5. Historical data indicate that the entire 5-day path of the center of the tropical cyclone will remain within the cone about 60-70% of the time. To form the cone, a set of imaginary circles are placed along the forecast track at the 12, 24, 36, 48, 72, 96, and 120 h positions, where the size of each circle is set so that it encloses 67% of the previous five years official forecast errors. The cone is then formed by smoothly connecting the area swept out by the set of circles.



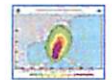
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Storm Surge Inundation



Storm Surge Watch/Warning



Peak Surge



U.S. Rainfall Potential



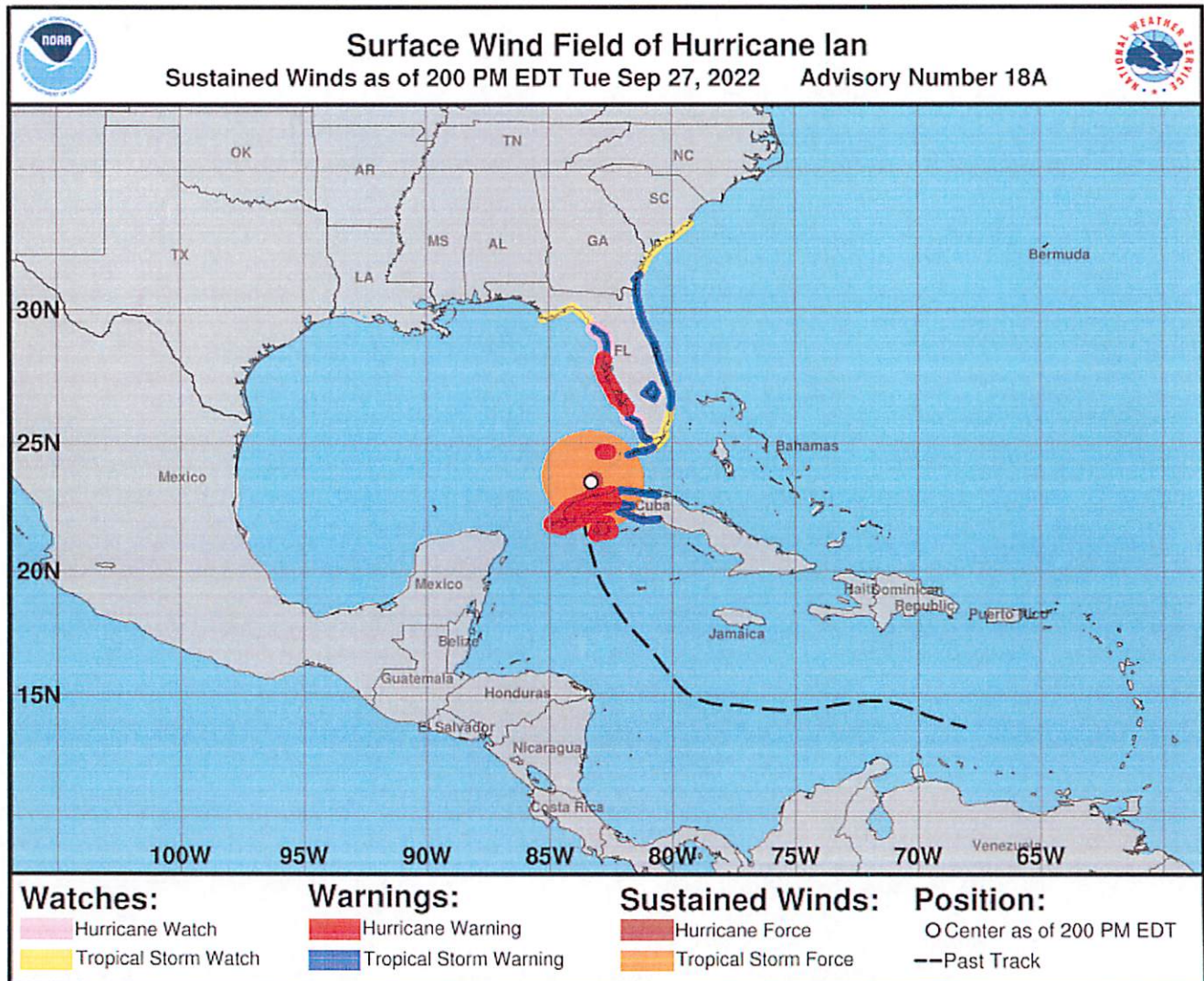
Flash Flooding Potential



U.S. Tornado Potential

Surface Wind Field

[Download GIS data](#)





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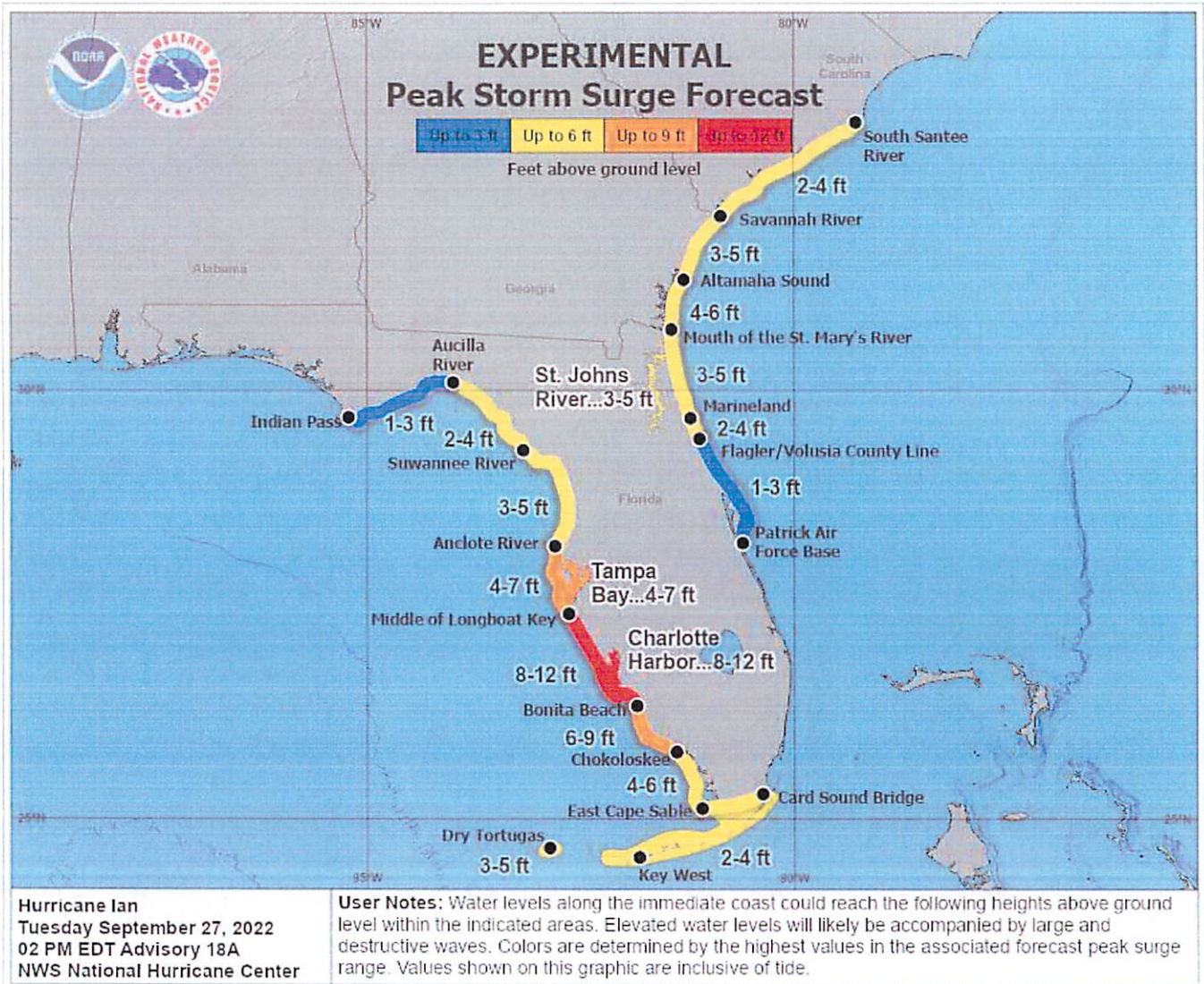
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Mensajes Claves	Storm Surge Inundation	Storm Surge Watch/Warning	Peak Surge	U.S. Rainfall Potential	Flash Flooding Potential	U.S. Tornado Potential

Experimental Peak Storm Surge Forecast



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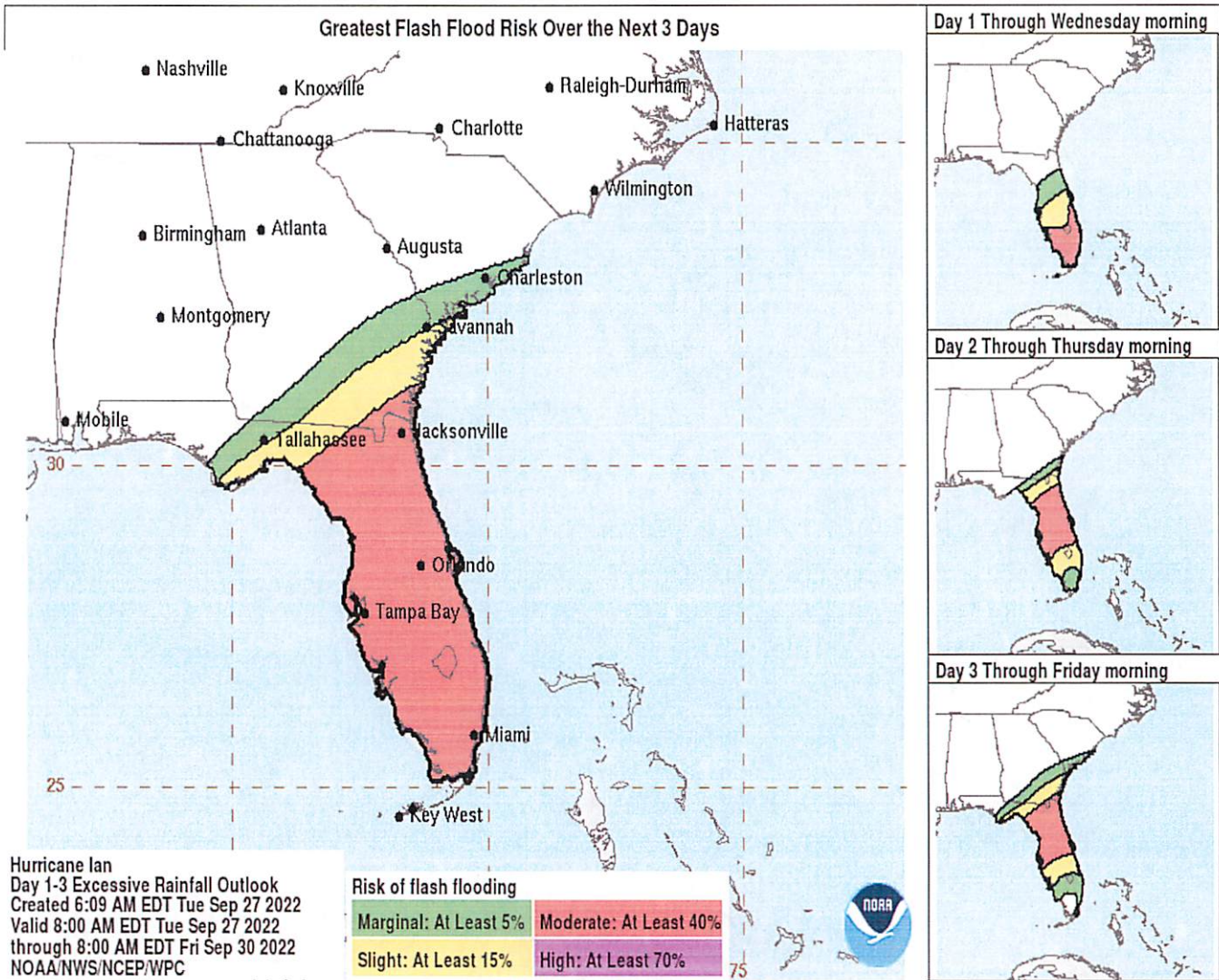
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WPC Excessive Rainfall Outlooks: [Day 1](#) [Day 2](#) [Day 3](#)

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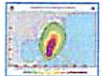
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Arrival Time of Winds



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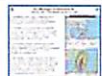
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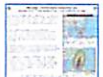
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Mensajes Claves



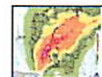
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Storm Surge Watch/Warning



Peak Surge



U.S. Rainfall Potential

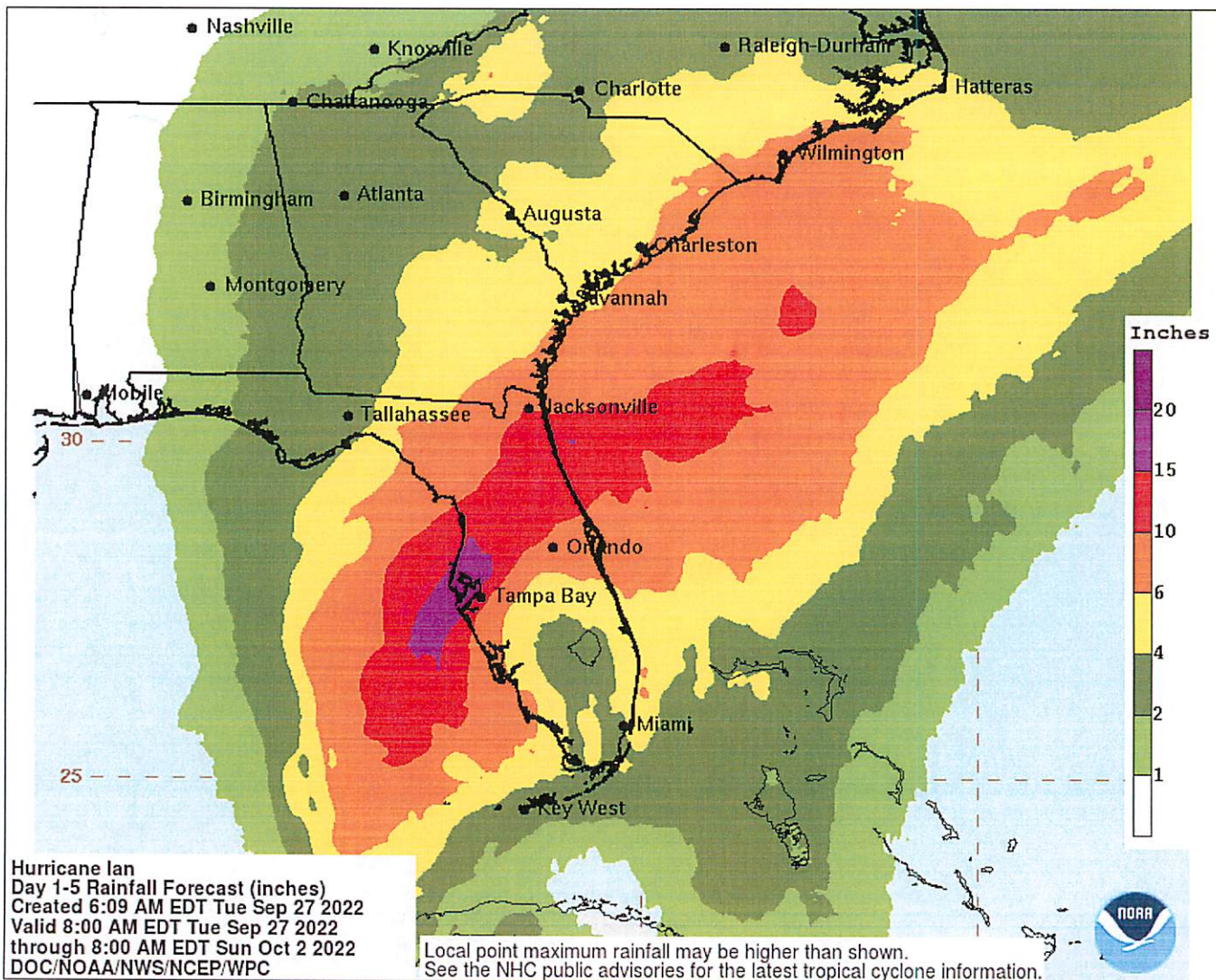


Flash Flooding Potential



U.S. Tornado Potential

U.S. Rainfall QPF (from WPC)



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