



TROPICAL UPDATE



8:00 AM EDT

Monday, August 3, 2020

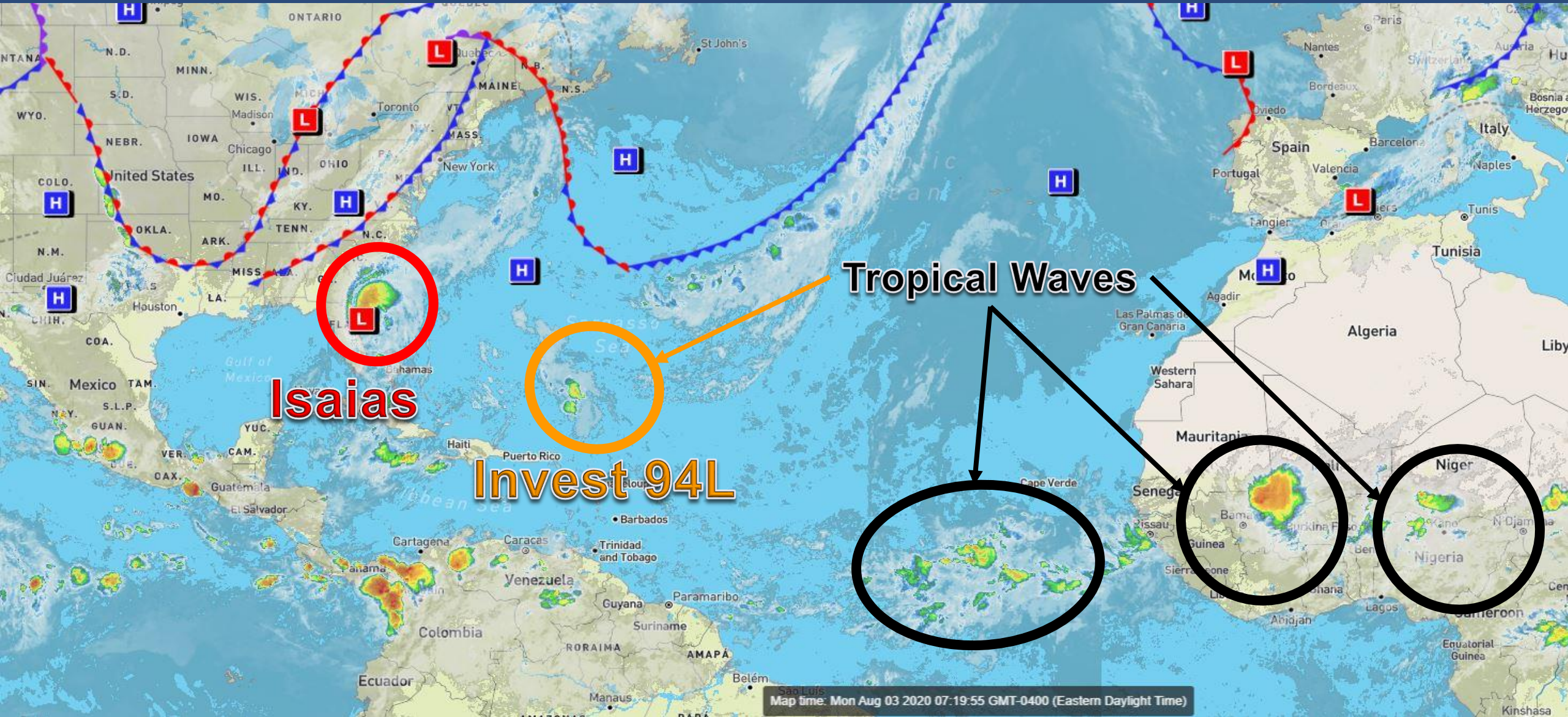
Tropical Storm Isaias &
Invest 94L (60%)

This update is intended for government and emergency response officials, and is provided for informational and situational awareness purposes only. Forecast conditions are subject to change based on a variety of environmental factors. For additional information, or for any life safety concerns with an active weather event please contact your County Emergency Management or Public Safety Office, local National Weather Service forecast office, or visit the National Hurricane Center website at www.hurricanes.gov.







Atlantic Basin Satellite Image

Chance of development: — None — Low — Medium — High

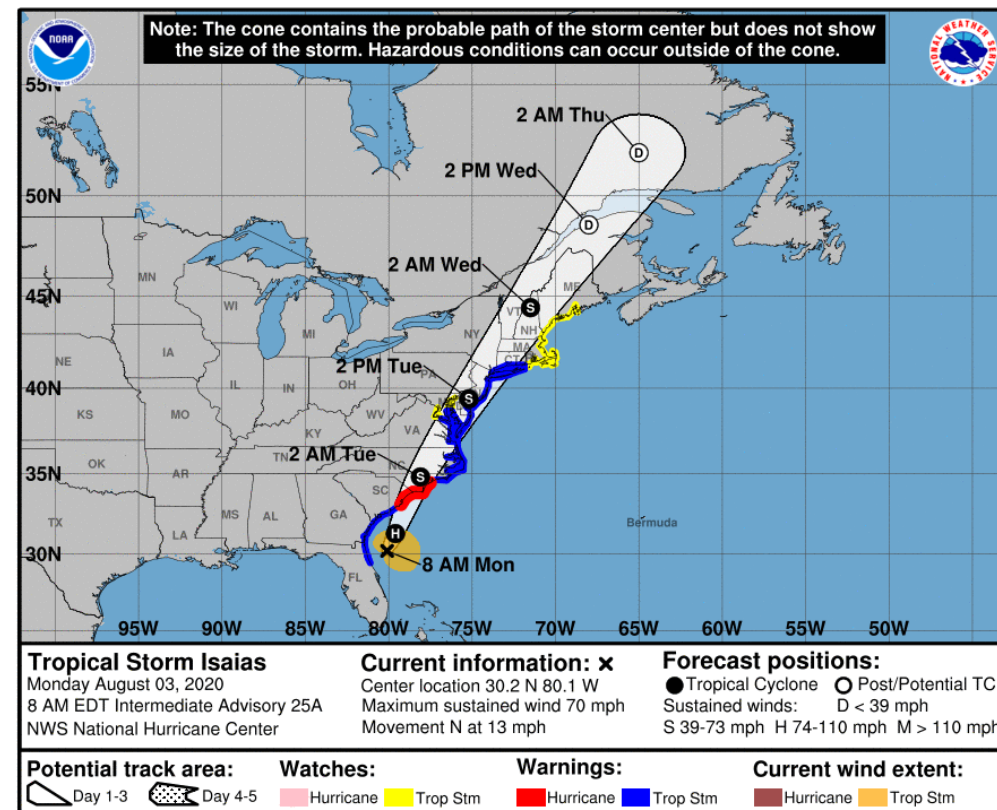


Tropical Storm Isaias Monday, August 3

	MINIMAL	Low	MODERATE	HIGH	EXTREME
 WINDS					
 STORM SURGE					
 FLASH FLOODING					
 TORNADOES					

	Low	MODERATE	HIGH
 RIP CURRENTS			

National Hurricane Center Map



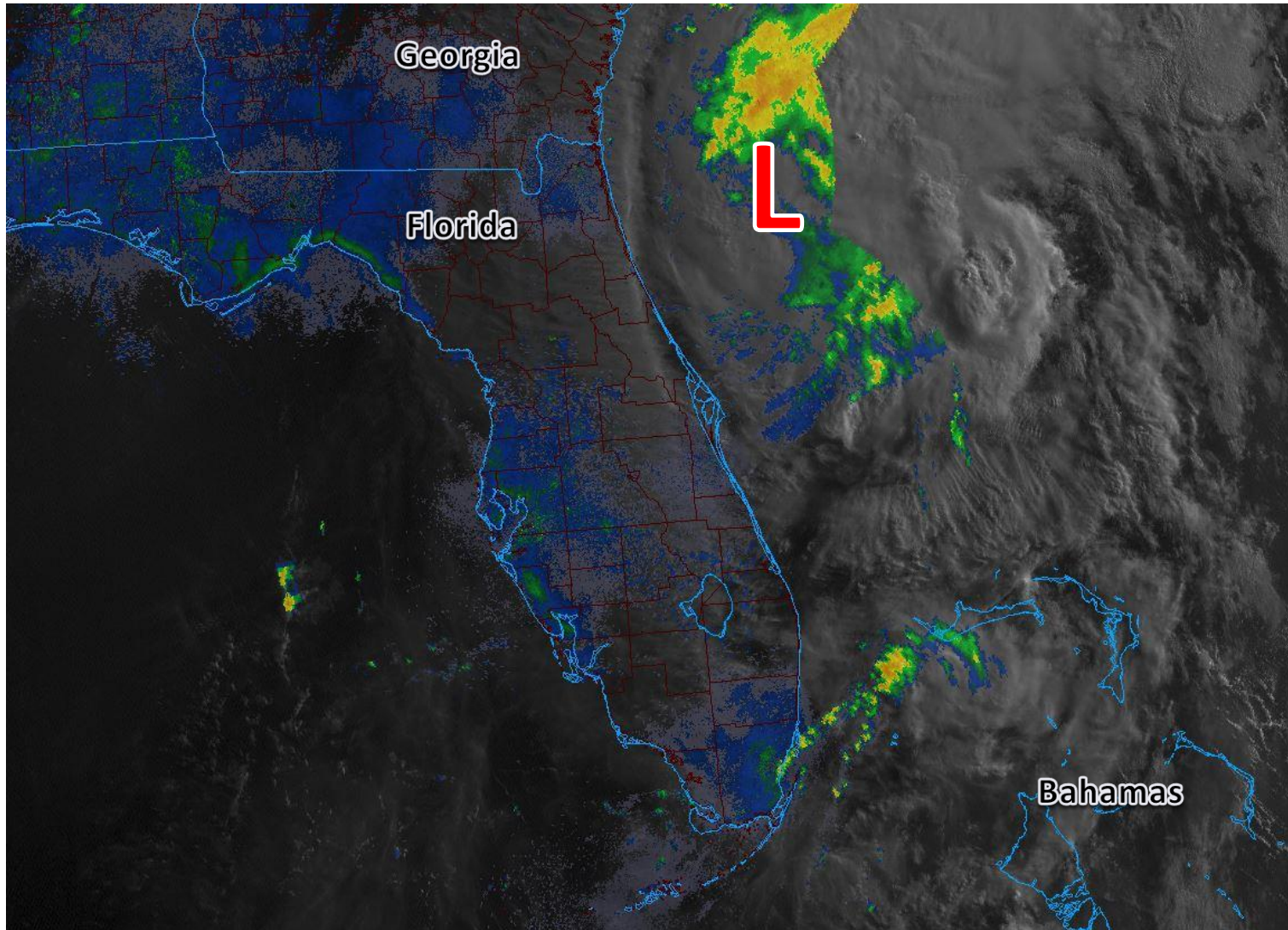
Overview/Recent Changes:

Isaias is moving away from Florida. Tropical Storm Warnings remain in effect for the immediate coastal areas of Northeast Florida into this afternoon, but conditions should begin to improve this afternoon as the center moves north of Jacksonville.



Satellite Imagery

Southwest Atlantic – Tropical Storm Isaias

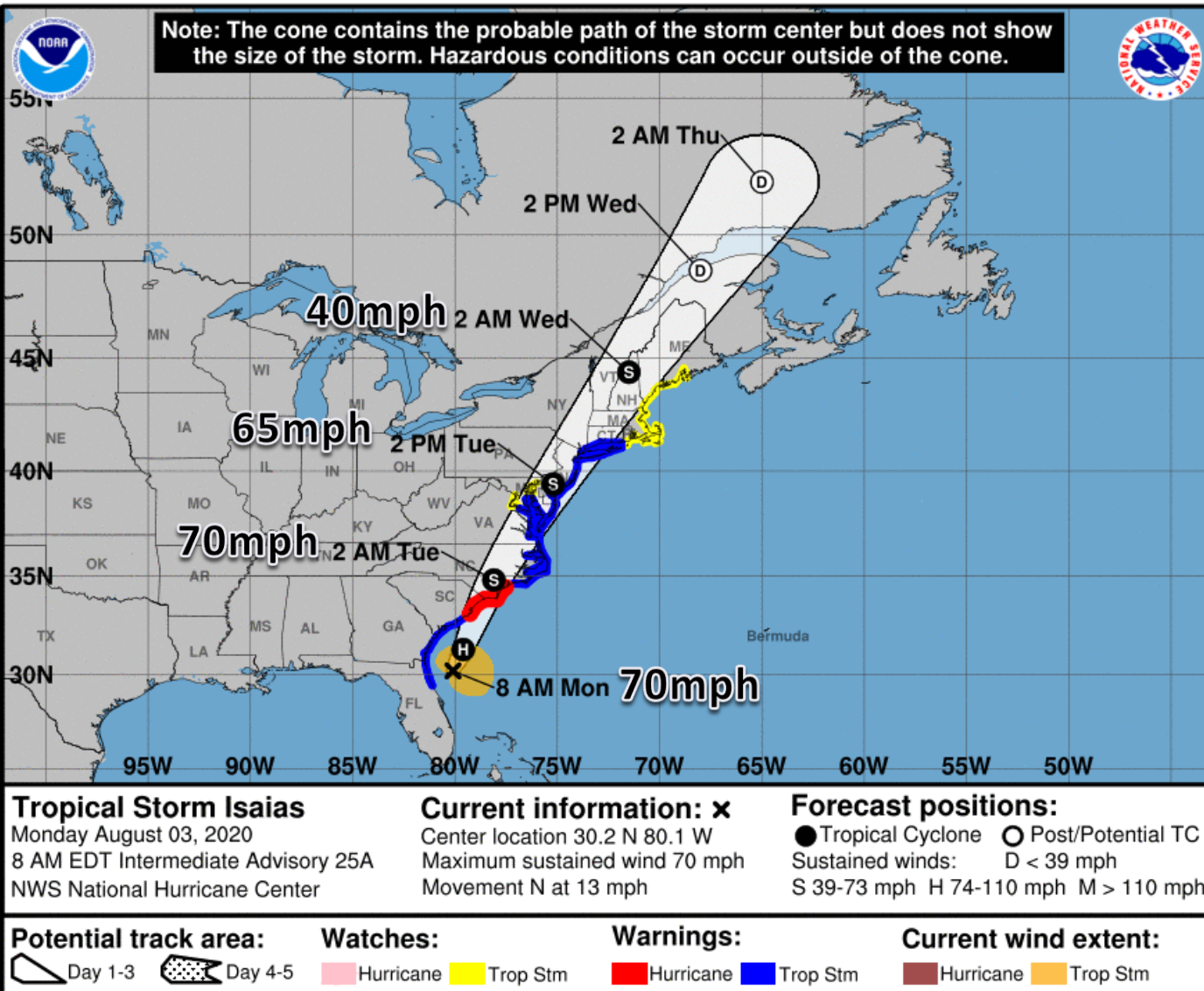


Isaias remains disorganized this morning, with the center well east of Jacksonville. All of the rain bands remain north and east of the center, with some trailing showers across far Southeast Florida.



Official Forecast Track

From the National Hurricane Center – Tropical Storm Isaias



- The center of Isaias is about 100 miles east-southeast of Jacksonville, moving to the north at 13 mph.
- Tropical Storm Isaias has maximum sustained winds near 70 mph. Most of these winds are occurring in the eastern half of the storm.
- Some strengthening is expected today as it moves away from Florida and towards the Carolinas.
- Tropical Storm Warnings remain in effect for coastal Northeast Florida.



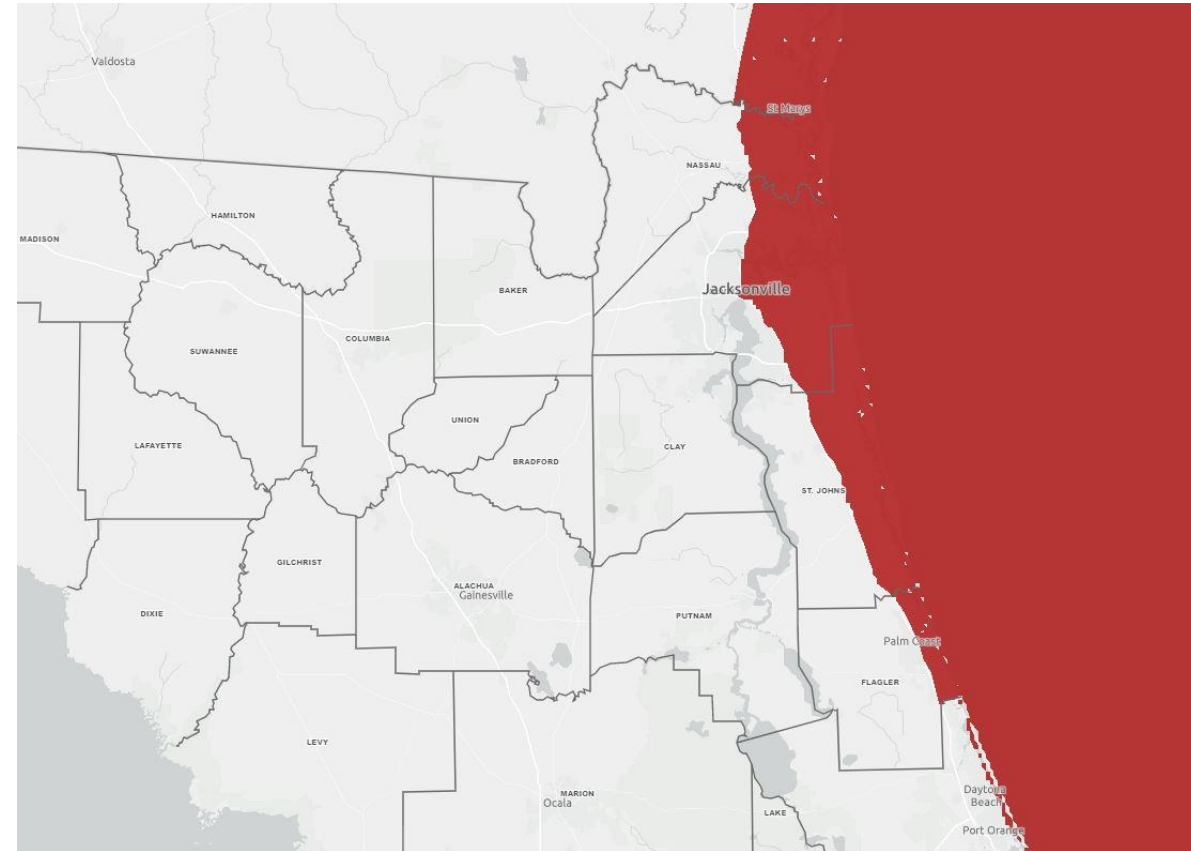
Wind Watches and Warnings

In Effect Until Further Notice

Tropical Storm Warnings are in effect for:
coastal Duval, coastal Flagler, coastal
Nassau, and coastal St. Johns

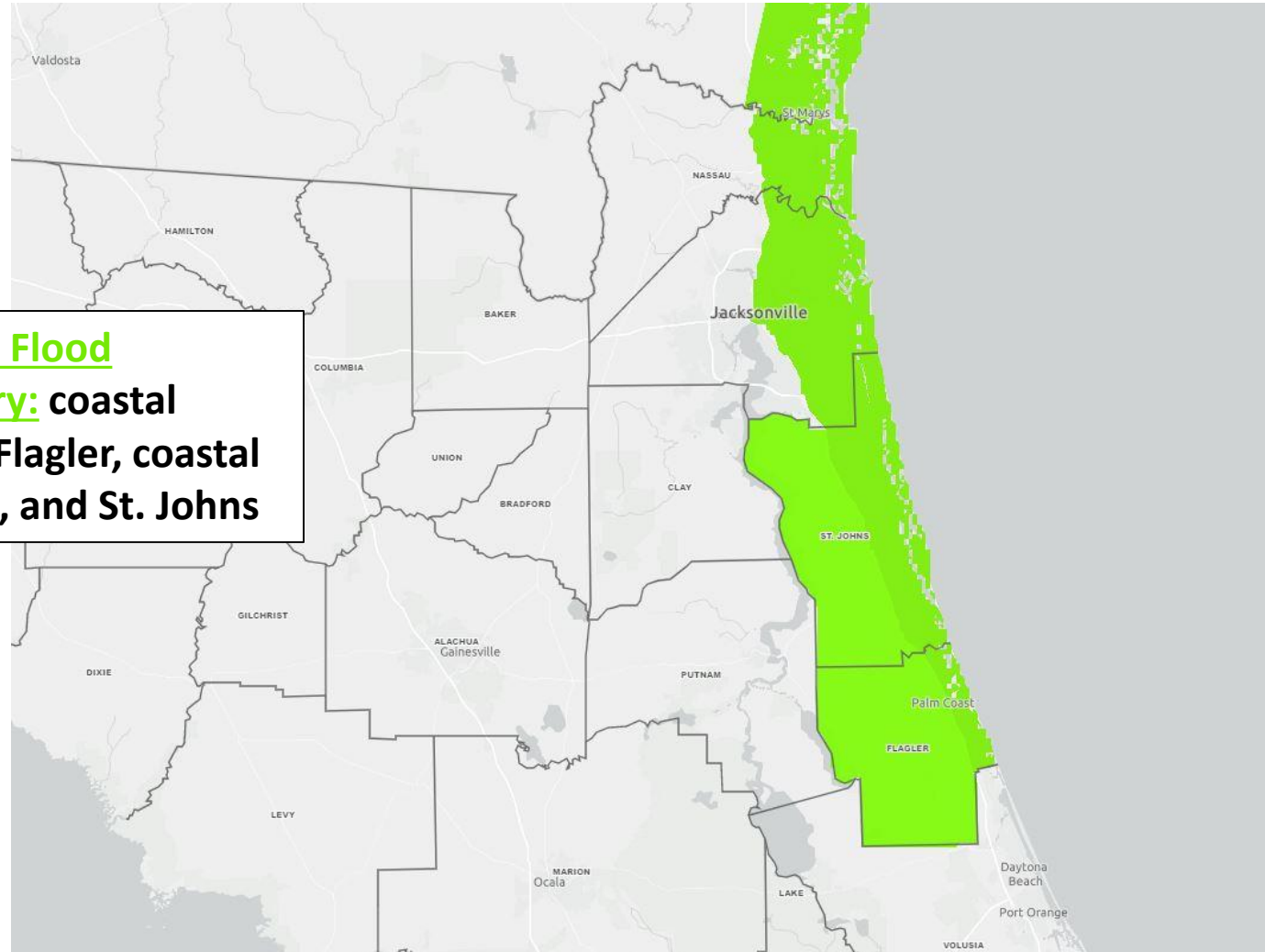
(Tropical Storm gusts ~40 mph ongoing)

Likely cancelled sometime this afternoon





Coastal Flooding



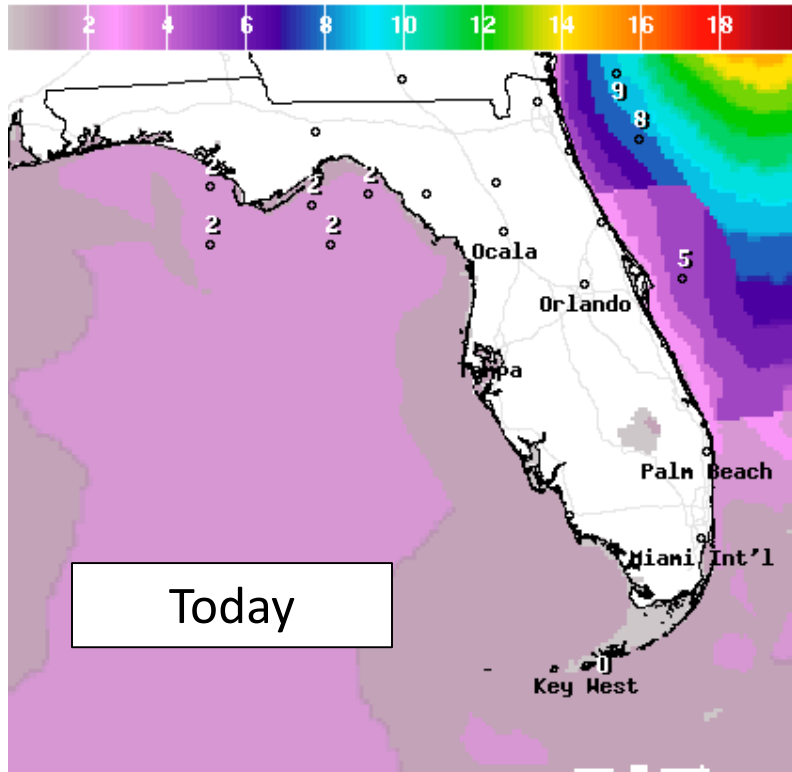
Coastal Flood
Advisory: coastal
Duval, Flagler, coastal
Nassau, and St. Johns

**Coastal Flood Advisory for
1-2' of minor coastal
flooding along the Atlantic
and Intercoastal Waterway**



Forecast Wave Heights

This Week

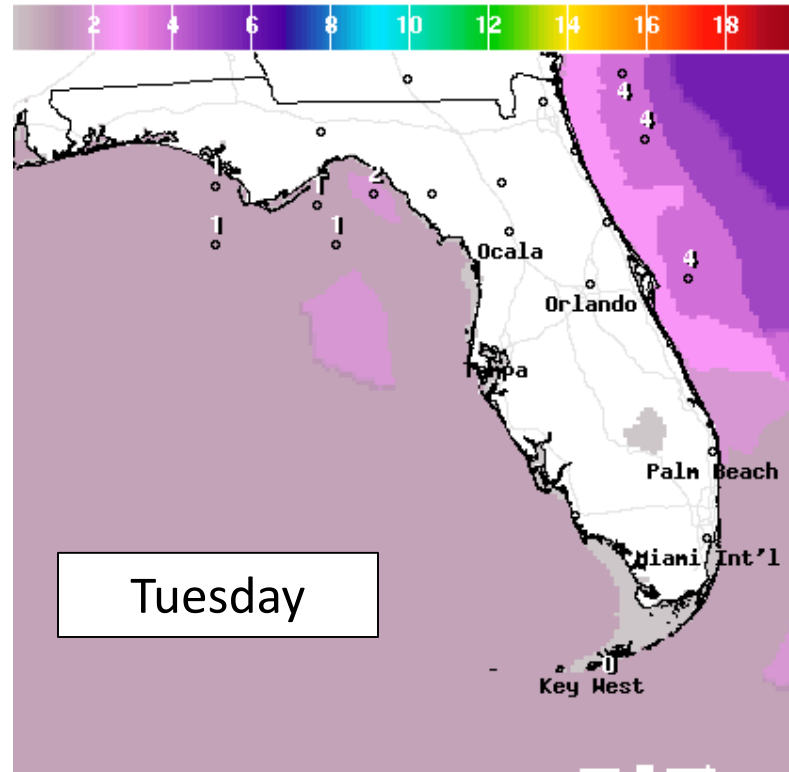


Wave Height(ft) Ending Mon Aug 03 2020 8PM EDT
(Tue Aug 04 2020 00Z)



National Digital Forecast Database

10z issuance Graphic created-Aug 03 6:30AM EDT

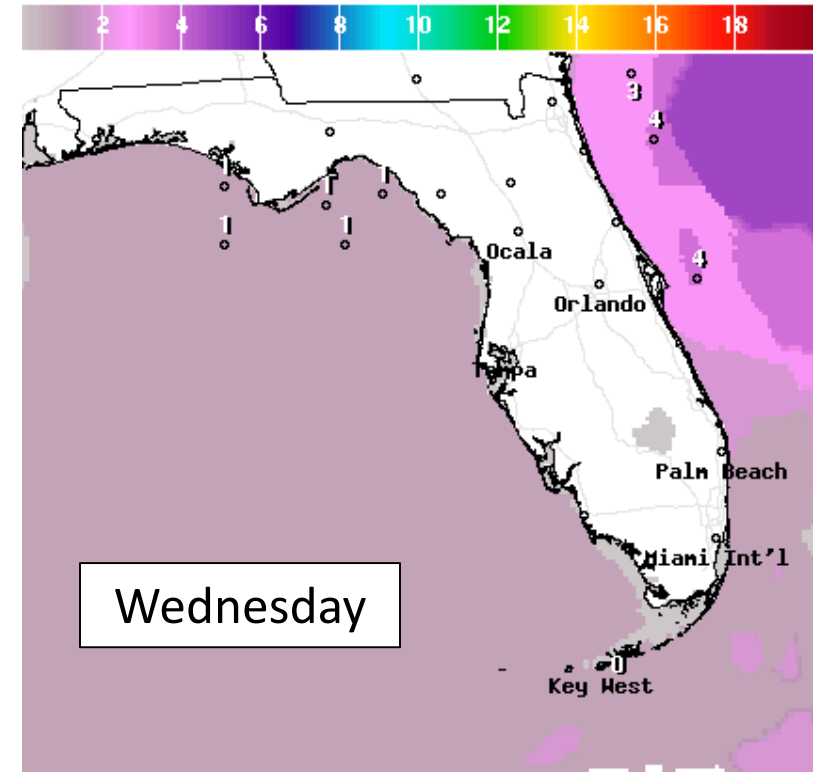


Wave Height(ft) Ending Tue Aug 04 2020 8PM EDT
(Wed Aug 05 2020 00Z)



National Digital Forecast Database

10z issuance Graphic created-Aug 03 6:31AM EDT



Wave Height(ft) Ending Wed Aug 05 2020 8PM EDT
(Thu Aug 06 2020 00Z)



National Digital Forecast Database

10z issuance Graphic created-Aug 03 6:32AM EDT



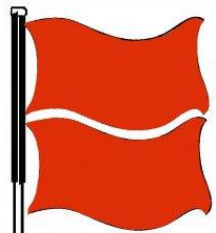
Rough surf of 3-6' still expected into this afternoon at Atlantic beaches. Gradually improving beach conditions on Tuesday and Wednesday.



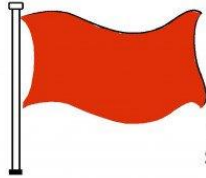
Rip Current Outlook

Today

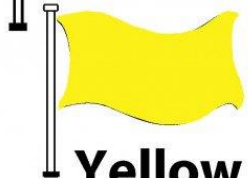
BEACH FLAG WARNING SYSTEM



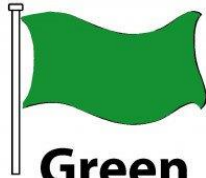
Double Red
Water Closed to
Public Use



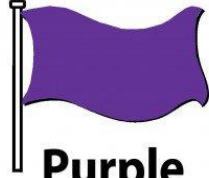
Red
High Hazard
(rough conditions,
such as strong surf
and or currents)



Yellow
Medium Hazard
(light surf and or
currents)

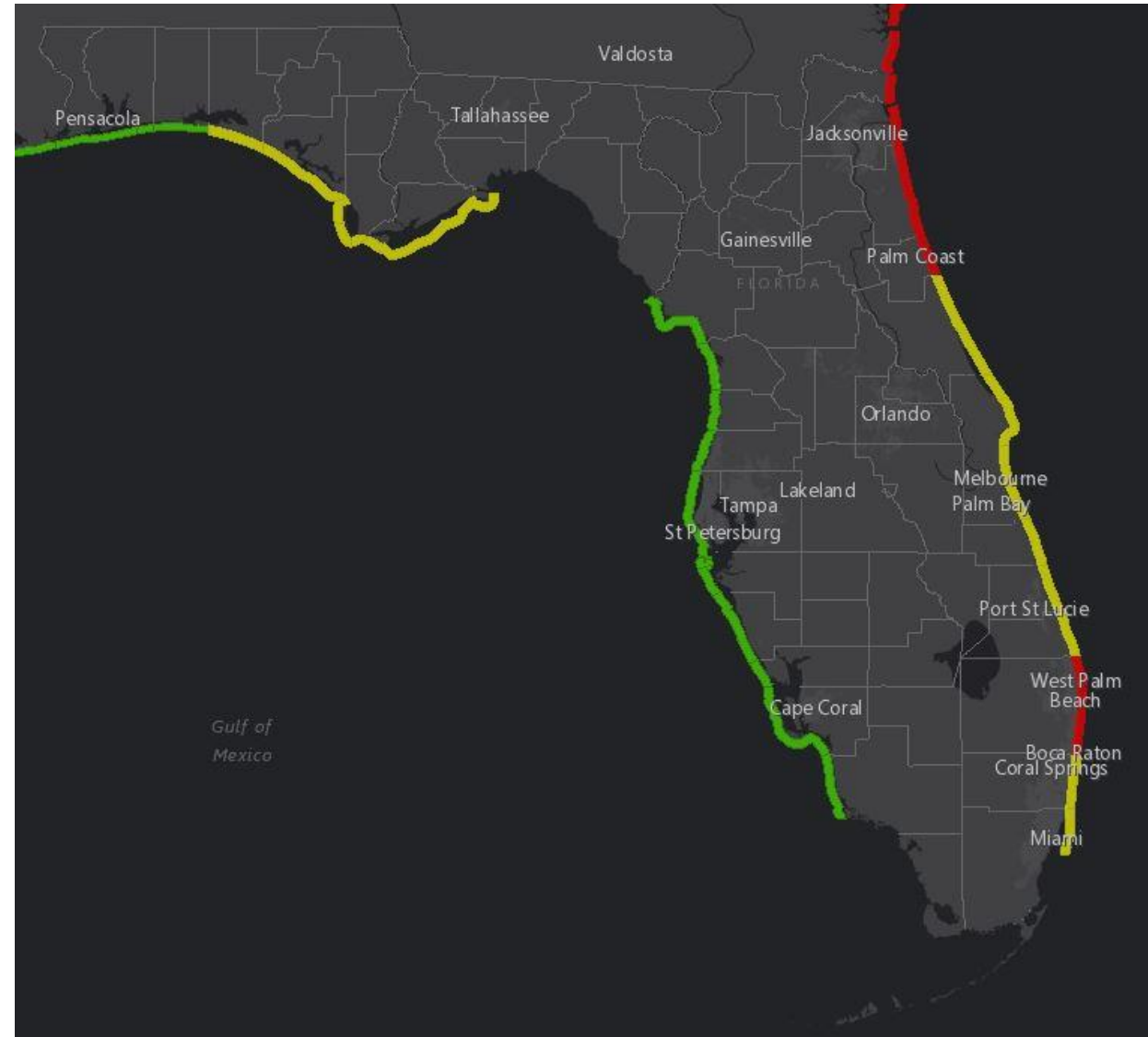


Green
Low Hazard
(calm conditions)



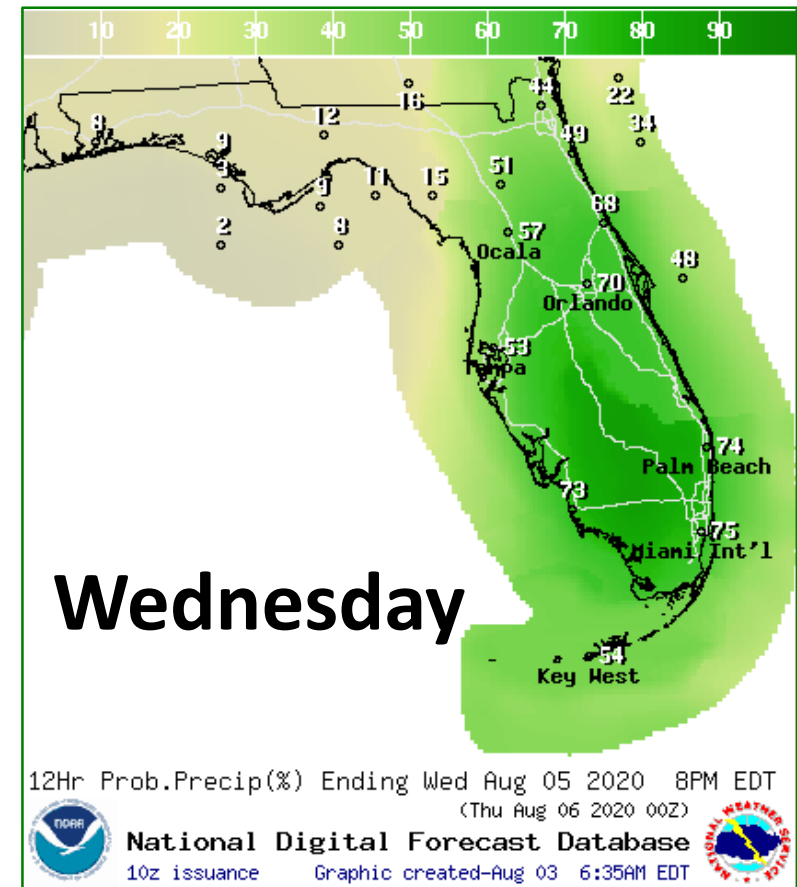
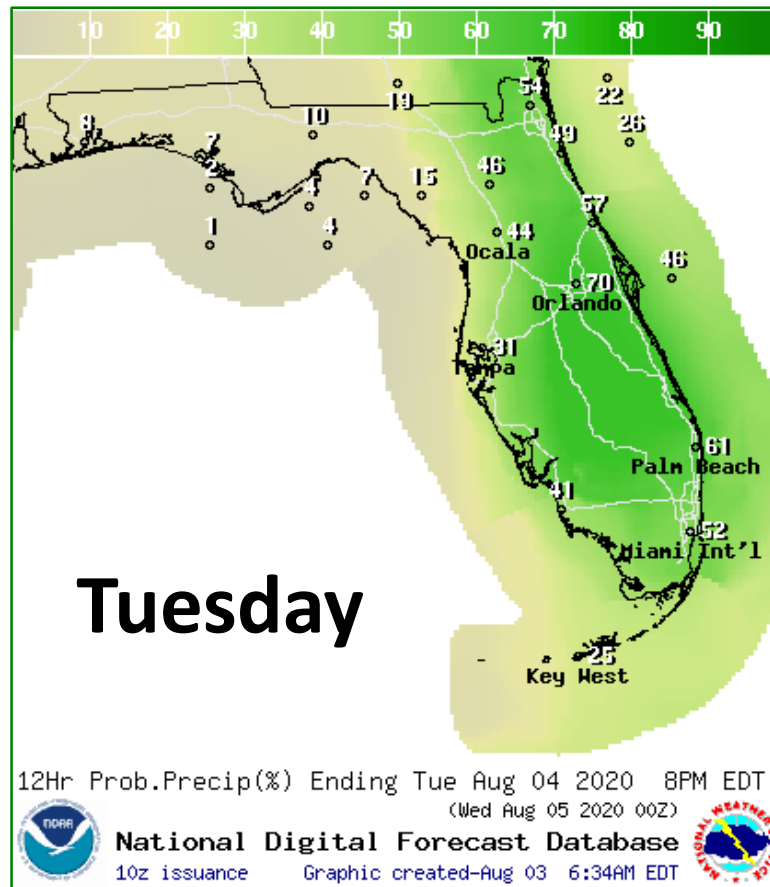
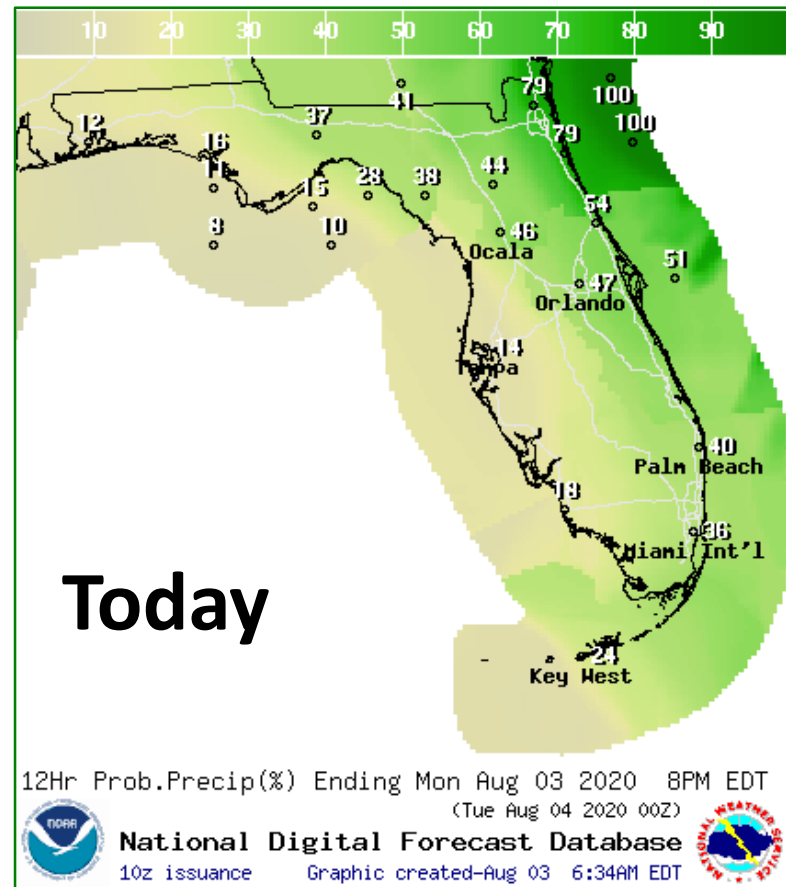
Purple
Marine Pest
(jellyfish, stingrays
& dangerous fish)

Rough surf and high water levels will keep the rip current risk high at Atlantic beaches through the weekend.





Rain Chances Next 3 Days



Thunderstorms develop this afternoon in Southeast Florida.

Typical summertime pattern returns to the Peninsula starting tomorrow.

Rain chances remain lower than normal in the Panhandle.



Tropical Weather Outlook

Possible Area of Development During the Next 5 Days ([LINK](#))



Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



A surface trough of low pressure, located a few hundred miles north of the northern Leeward Islands, is producing disorganized showers and thunderstorms.

Marginal environmental conditions could allow for some slow development of this system during the next several days, with a tropical depression possibly forming later this week.

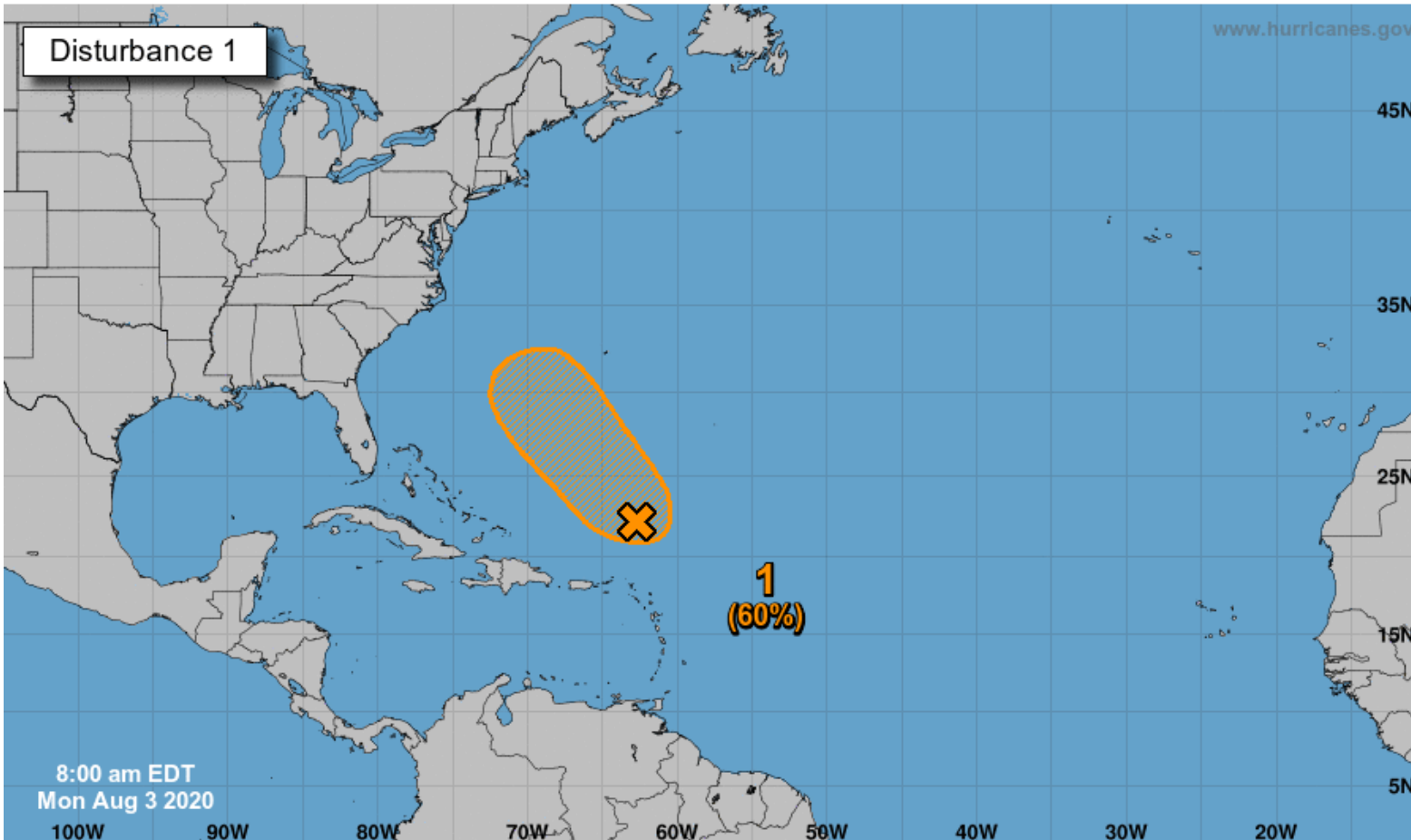
This system is forecast to move northwestward at about 15 mph over the southwestern Atlantic today and on Tuesday, and then stall several hundred miles southwest of Bermuda by the middle to latter part of the week.

This system does not pose a threat to Florida over the next week at least.

The next name on the list is Josephine.

***Formation chance through 48 hrs...medium...40%**

***Formation chance through 5 days...medium...60%**



Current Disturbances and Five-Day Cyclone Formation Chance:
 Tropical or Sub-Tropical Cyclone:
 < 40% 40-60% > 60%
 Depression Storm Hurricane
 Post-Tropical Cyclone or Remnants

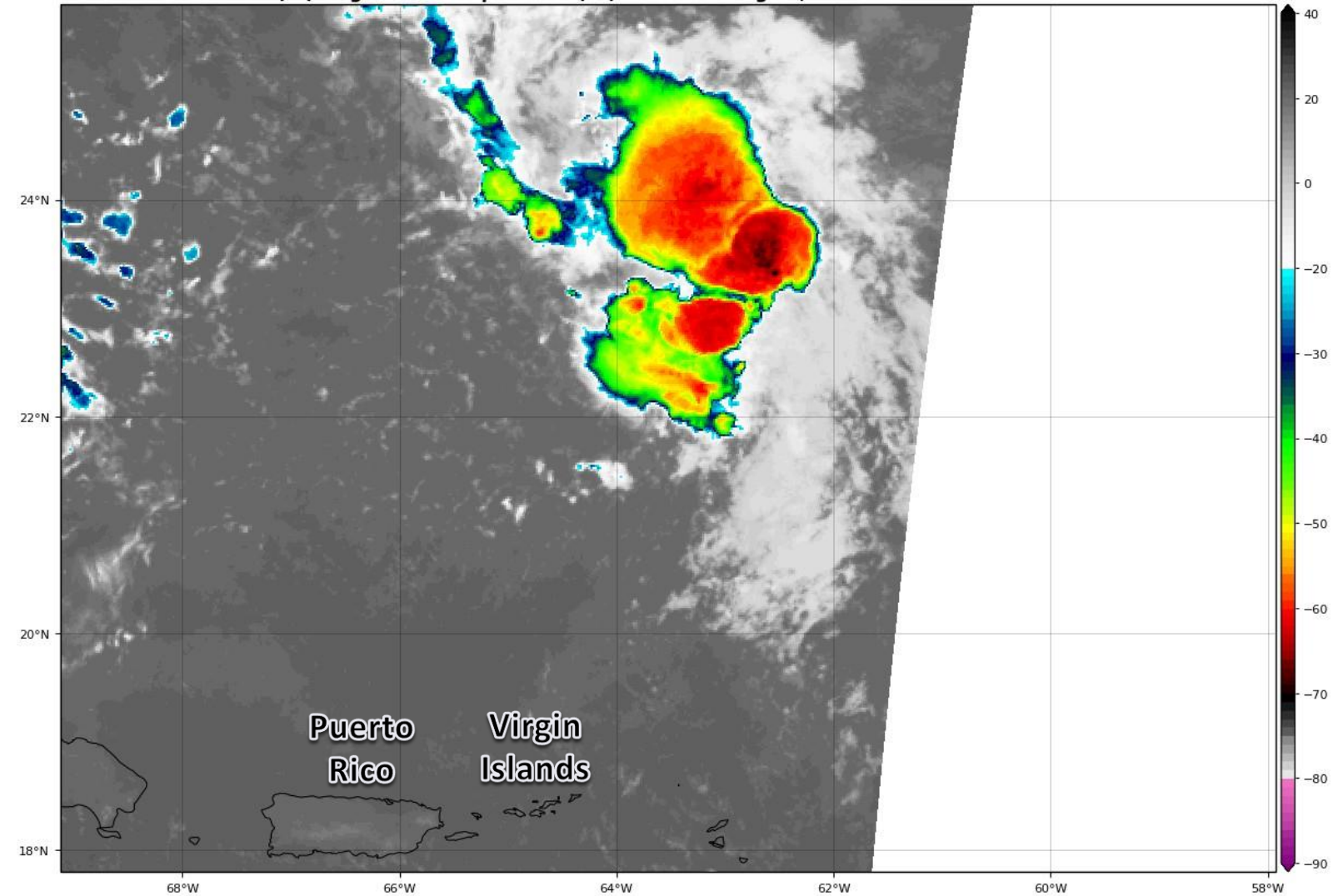


Satellite Imagery

Central Atlantic – Tropical Wave (60%)

GOES-16 Channel 13 (IR) Brightness Temperature (°C) at 11:37Z Aug 03, 2020

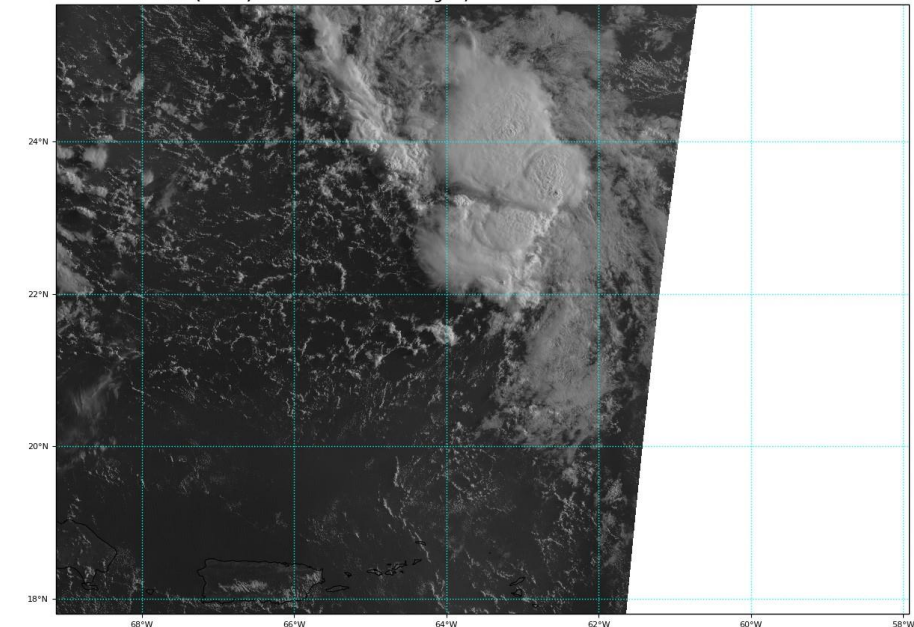
TROPICALTIDBITS.COM



A tropical wave is moving to the northwest and will take time to organize. Dry air continues to be a limiting factor for development.

GOES-16 Channel 2 (visible) Reflectance at 11:37Z Aug 03, 2020

TROPICALTIDBITS.COM

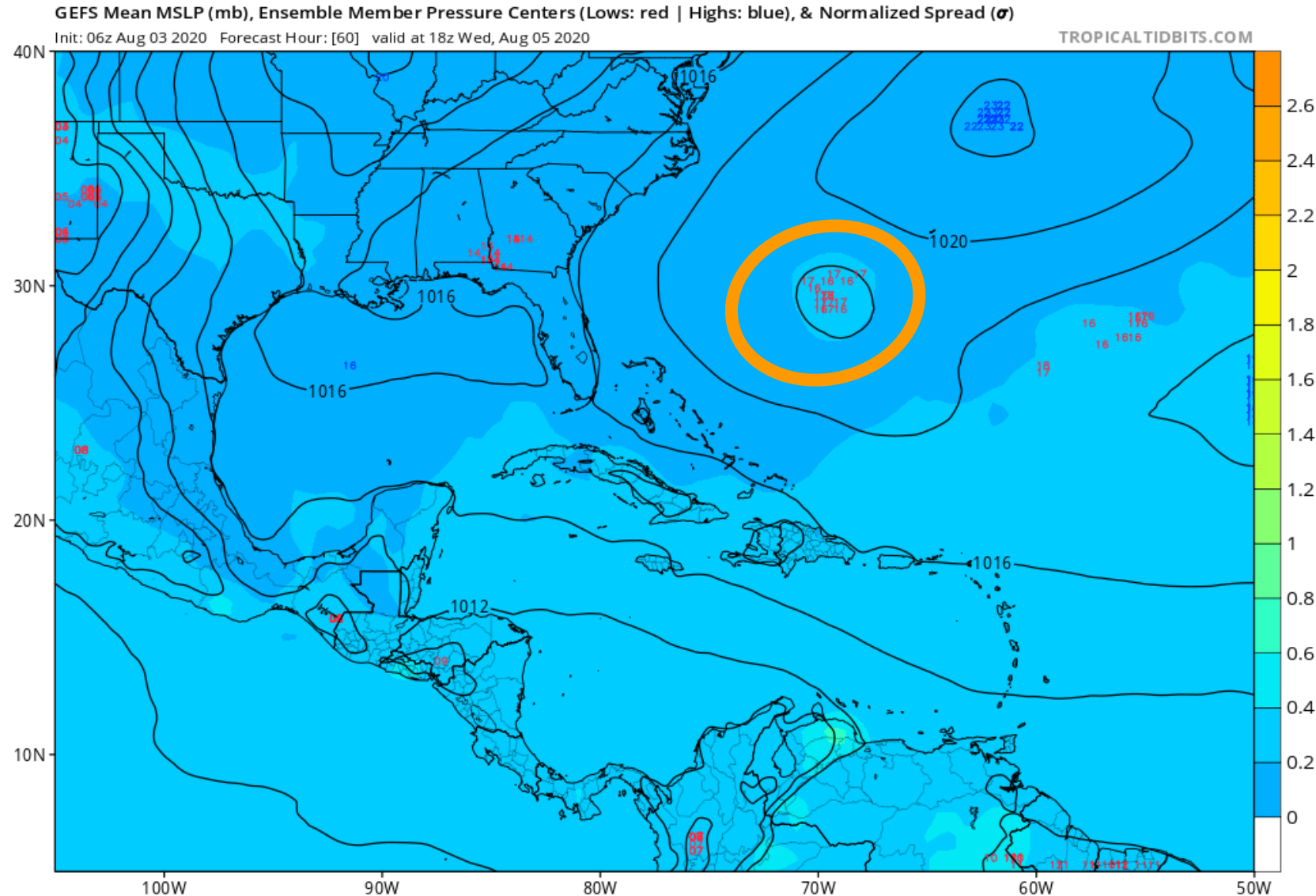




Model Forecast Tracks

Ensembles Models

The system will stall out southwest of Bermuda this week where it is likely to dissipate.





Overall Summary

Tropical Storm Isaias

- Isaias remains disorganized this morning, with the center located about 100 miles east-southeast of Jacksonville, FL, moving north at 13 mph.
- Maximum sustained winds are at 70 mph, with the strongest winds occurring east of the center.
- Isaias is forecast to strengthen some today as it moves away from Florida and approaches the Carolinas.
- The system will track up the East Coast of the United States over the next couple of days.
- By this afternoon, impacts from Isaias will have ended for Florida.

Invest 94L - Central Atlantic Tropical Wave

- A tropical wave northeast of the Lesser Antilles is producing some shower and thunderstorm activity as it moves northwest.
- Some slow development of this system is possible over the next few days as it stalls out southwest of Bermuda.
- The system is likely to dissipate in the Southwest Atlantic and poses no threat to Florida at this time.
- This system has a 40% (medium) chance of formation over the next 48 hours, and a 60% (medium) chance over the next 5 days.

Florida Outlook:

- **Isaias continues to bring some squalls to the immediate coast of Northeast Florida, with improving conditions expected this afternoon.**
- **Tropical Storm Warning:** coastal Duval, coastal Flagler, coastal Nassau, and coastal St. Johns
- **Coastal Flood Advisory:** coastal Duval, Flagler, coastal Nassau, and St. Johns
- Wind gusts from 35-50 mph are generally forecast in the tropical storm warning area
- Minor coastal flooding is expected along the Atlantic coast, the Intercoastal Waterway, and the lower St. Johns River as tides will run 1-2' above normal today
- The flood threat from Isaias is minimal in Northeast Florida, but some heavy thunderstorms may develop across Southeast Florida this afternoon.
- Elevated surf, dangerous rip currents, and pockets of significant beach erosion will be likely at all Northeast Florida beaches today and tonight.

The next briefing packet will be issued this afternoon. For the latest information on the tropics, please visit the National Hurricane Center website at www.hurricanes.gov.



TROPICAL UPDATE



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State Meteorological Support Unit

Florida Division of Emergency Management

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