



# SUBTROPICAL STORM NICOLE BRIEFING

8:30 AM ET

Monday, November 7, 2022



# Situation Overview

## Subtropical Storm NICOLE

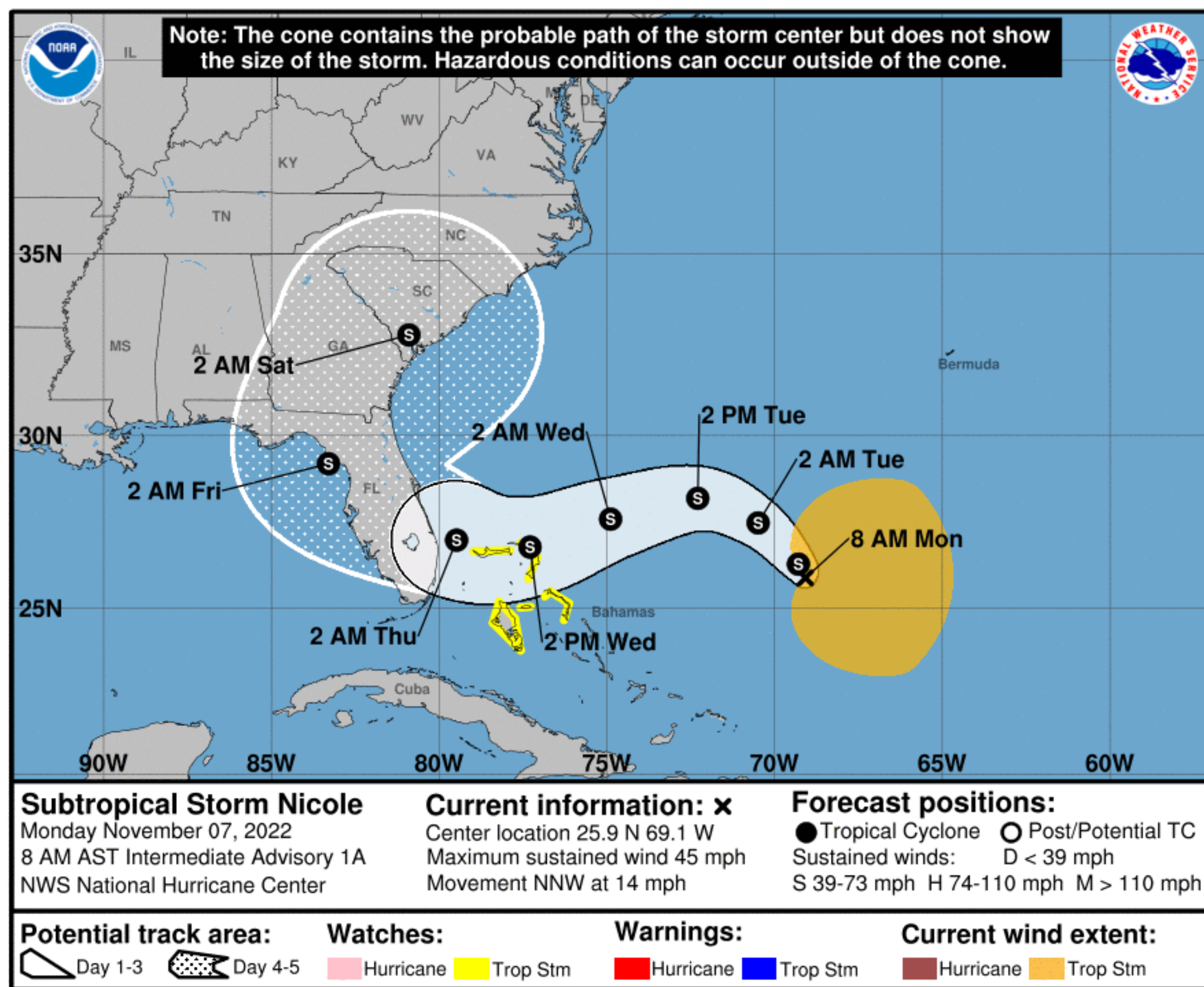
- Subtropical Storm Nicole has formed east of the Bahamas. "Subtropical" storms are hybrid weather systems containing features of typical non-tropical weather systems and some features of tropical cyclones.
- Nicole is expected to turn northwest later today, slow down, and then move in a west or west-southwest direction Tuesday through early Thursday. Nicole could be near hurricane strength as it nears the northwest Bahamas Wednesday or Wednesday night and while approaching the east coast of Florida.
- Nicole is forecast to bring widespread impacts across a large area including many portions of the east coast of Florida. However, impacts to the Florida Keys will be more limited if the forecast track remains well north of the Florida Keys.
- Within the Florida Keys, there is a potential for:
  - Hazardous marine wind and sea conditions, with Small Craft Advisory conditions continuing through at least Thursday night.
  - Coastal flooding in addition to king tides, with the greatest potential times Wednesday evening and overnight, and possibly again Thursday evening and overnight.
  - Squally showers and possibly a few thunderstorms beginning Wednesday and continuing into Thursday night.
- There remains much uncertainty in the magnitude of any potential impacts in the Florida Keys as Nicole strengthens and possibly organizes into a fully tropical cyclone. Any southward adjustments in the forecast track as well as the forecast size and structure of Nicole could cause an increase in potential impacts to the Florida Keys.

Please monitor future forecasts and briefings closely. Keep hazardous weather plans handy, and be ready to secure loose outdoor objects from being blown by windy conditions or property commonly affected by king tides over the next day or two.



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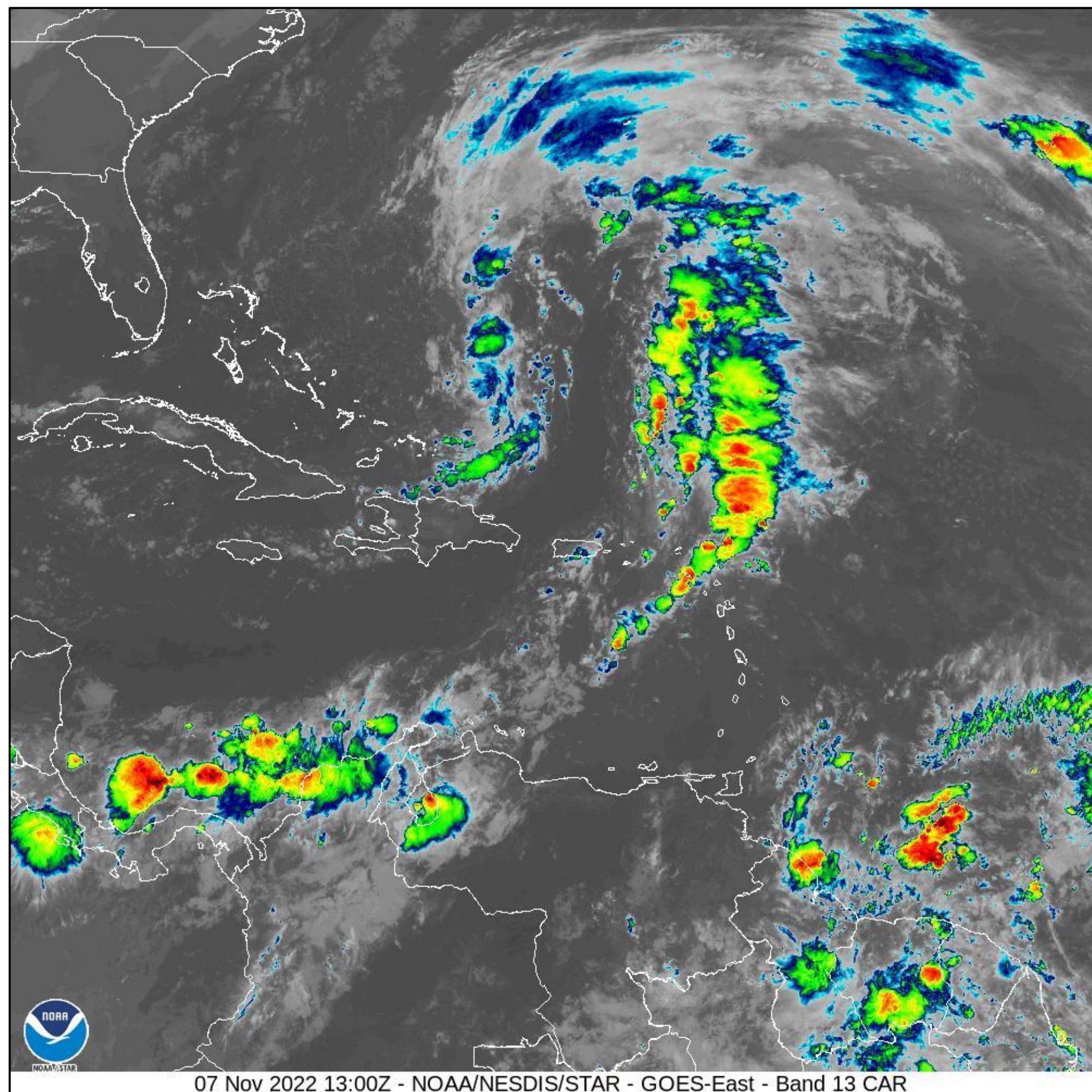
- Subtropical Storm Nicole has formed east of the Bahamas.
- Nicole is forecast to turn northwest with a decrease in forward speed later today, then move west or west-southwest Tuesday through early Thursday. Nicole could approach the east coast of Florida by Wednesday night.
- Gradual strengthening is forecast, and Nicole could be near hurricane strength by Wednesday or Wednesday night when it is near the northwest Bahamas.
- The forecast track cone specifies the 2/3 likelihood that the center of Nicole will move inside the cone. It does not depict the area of potential hazardous weather impacts.

**NOTE:** Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.



# Current Satellite View

Subtropical Storm NICOLE



Subtropical Storm Nicole was centered about 520 miles east of the northwestern Bahamas, or about:

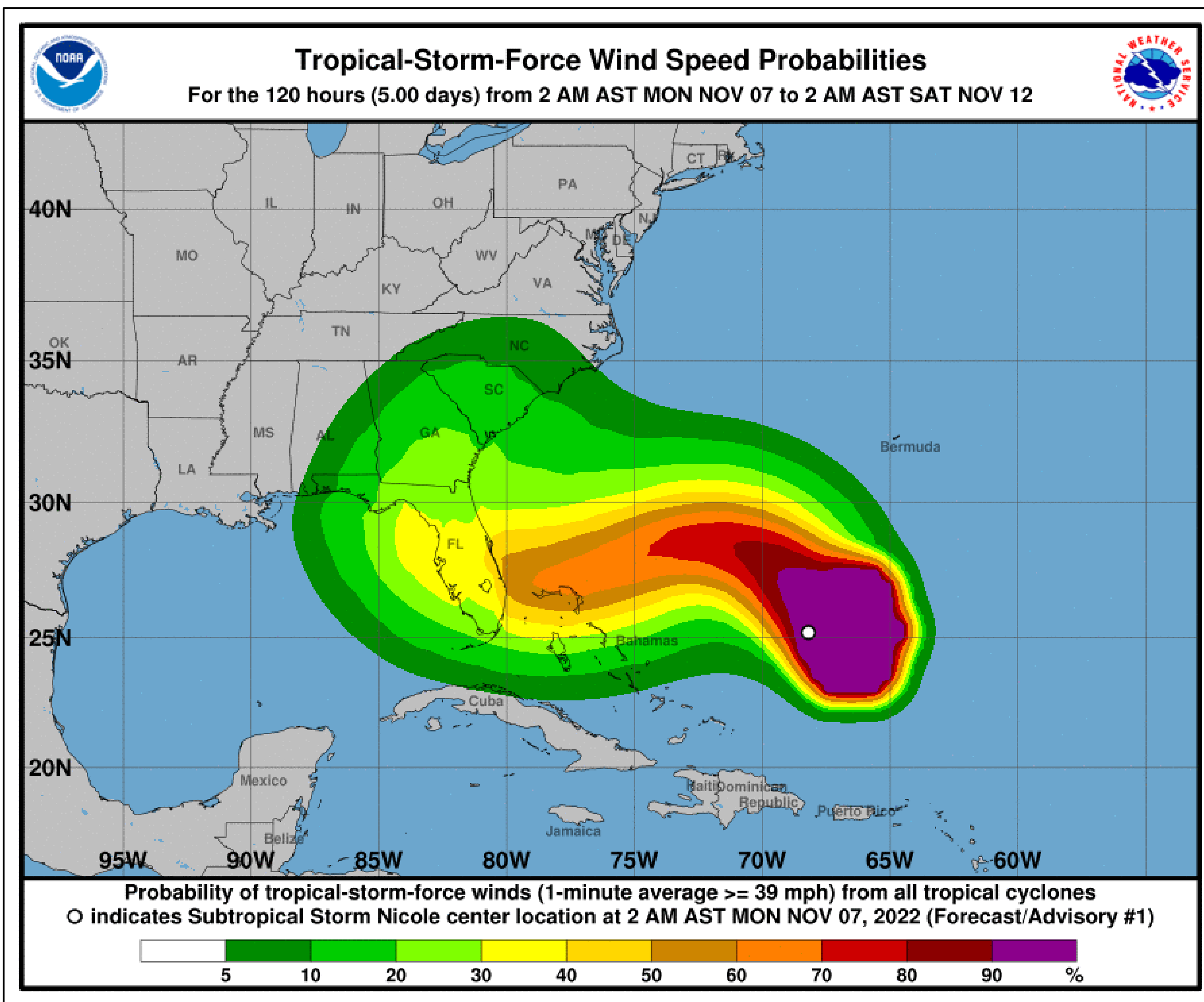
- 705 miles east of Key Largo
- 755 miles east of Marathon
- 800 miles east of Key West

Moving toward the north northwest at 14 mph

Maximum sustained winds near 45 mph



## Subtropical Storm NICOLE



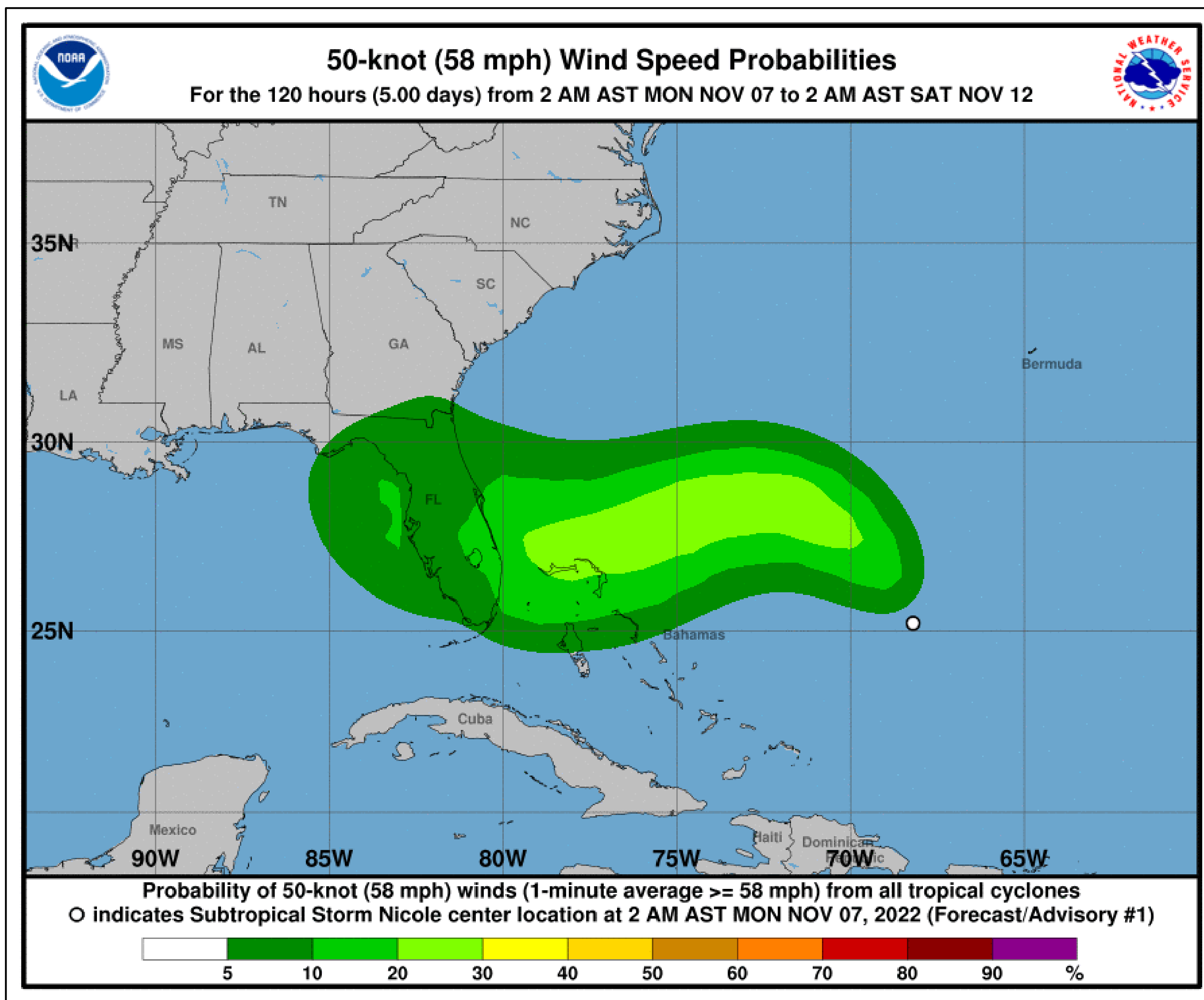
Community	Chance of Sustained Tropical Storm Force Wind ( 34+ knots / 39+ mph )
Key West	14
Marathon/Key Colony Beach	17
Layton	19
Islamorada	21
Key Largo	24
Ocean Reef	26

- Chances for sustained tropical storm force winds are range from about 1-in-4 for Ocean Reef & Key Largo, to 1-in-7 in Key West.
- Chances for sustained 50-knot winds are near 1-in-15 at Ocean Reef, and are less than 5 percent from Marathon through Key West.



# 50kt (58mph) Wind Speed Probabilities

Subtropical Storm NICOLE



Community	Chance of Sustained 50-knot (Destructive Force) Wind ( 50+ knots / 58+ mph )
Key West	2
Marathon/Key Colony Beach	3
Layton	4
Islamorada	5
Key Largo	6
Ocean Reef	7

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# Key Points

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# Next Briefing: Monday 11:00 AM ET


*or sooner if there are significant changes in the development  
of the tropical disturbance or expected impacts in the Florida Keys*


 **Web:** <http://weather.gov/key>

 **Phone: WCM:** (305) 240-0248  
**Ops:** (305) 295-1316 x3

 **E-mail:**  
**WCM:** [jonathan.rizzo@noaa.gov](mailto:jonathan.rizzo@noaa.gov)

 **Facebook:** NWSKeyWest

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