

IMPACTS FOR District 7 (through next 5 days)

Winds – Medium

Storm Surge – Low

Rainfall/Flash Flooding – High

Tornadoes – Low

Waves - Medium

POTENTIAL TROPICAL CYCLONE ONE BRIEFING



9:00 AM EDT
Friday, June 3, 2022

Prepared by:

Stephen Konarik

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*

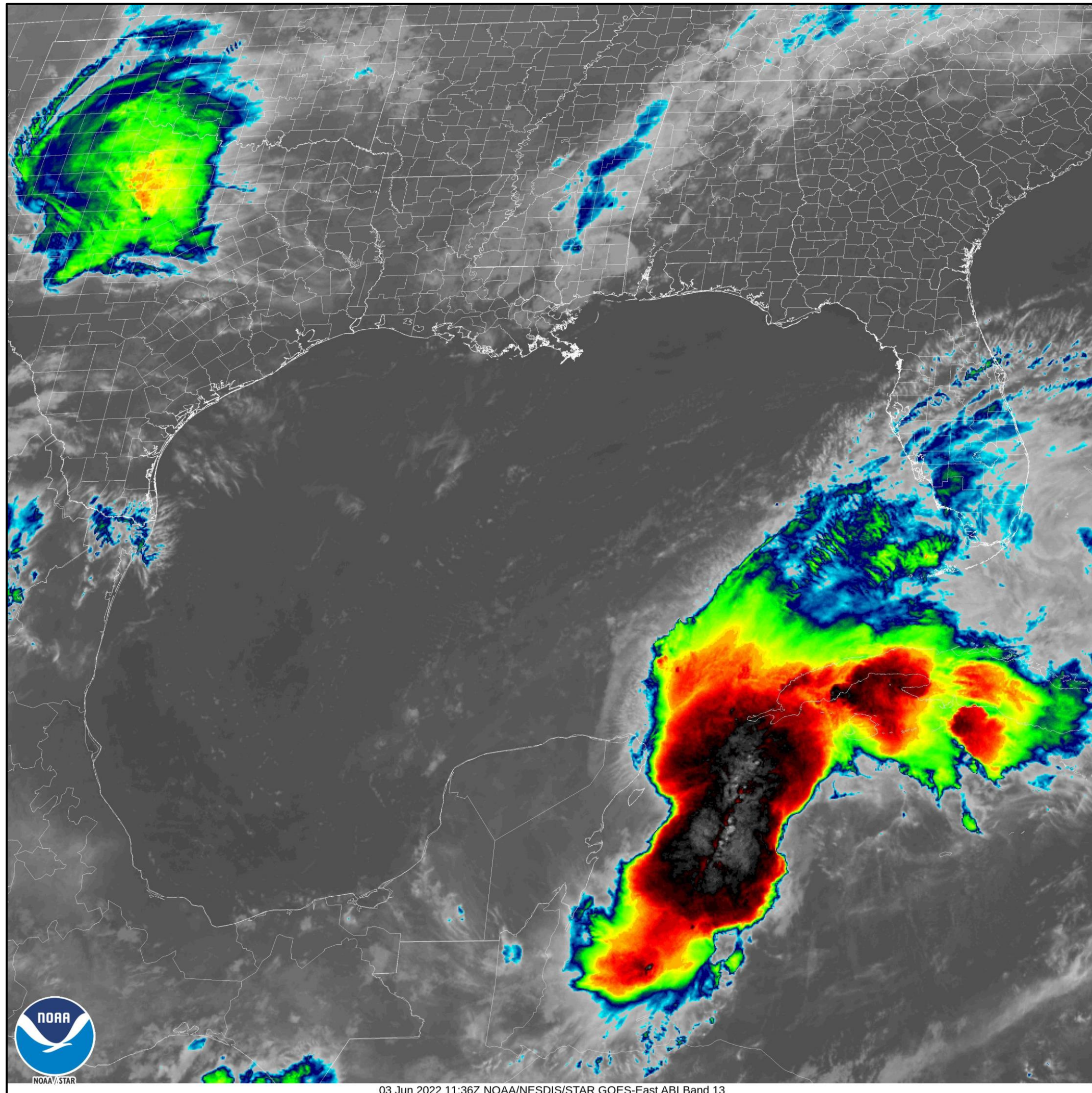


Current Satellite View

Potential Tropical Cyclone One



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



...Very Heavy Rain and Flooding Expected
over Florida Peninsula...

Summary of 800 AM EDT...1200 UTC...Information

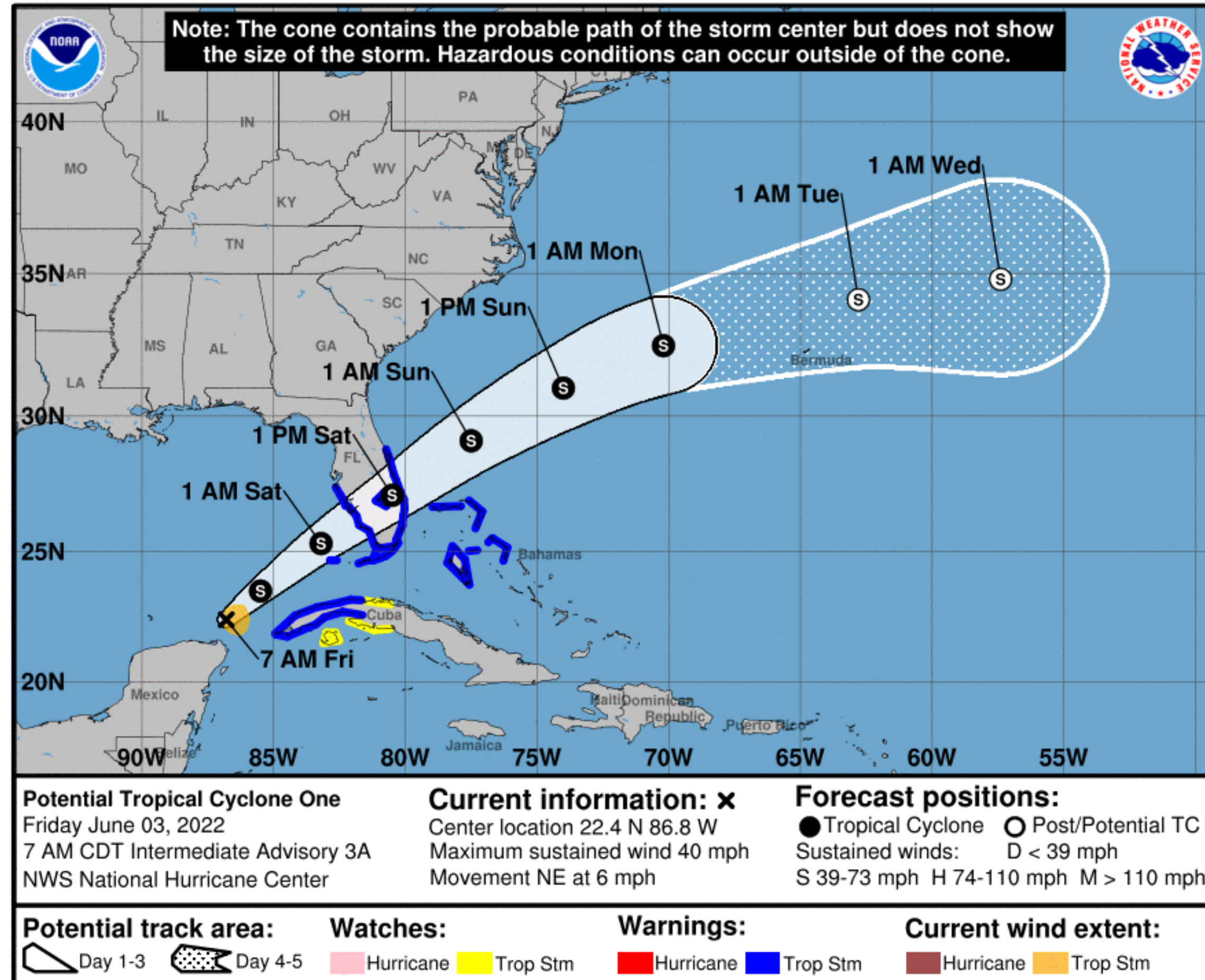
Location... 22.4N 86.8W
About 675 NM SW of Ft Myers, FL
Maximum Sustained Winds... 35 kt
Present Movement... NE at 9 KT
Peak Seas... 11 ft

Forecast Information

Potential Tropical Cyclone One



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



- Expected to become Tropical Storm later today
- Crossing Florida Peninsula Saturday
- Very Heavy Rain and Flooding Florida Peninsula later today through Saturday

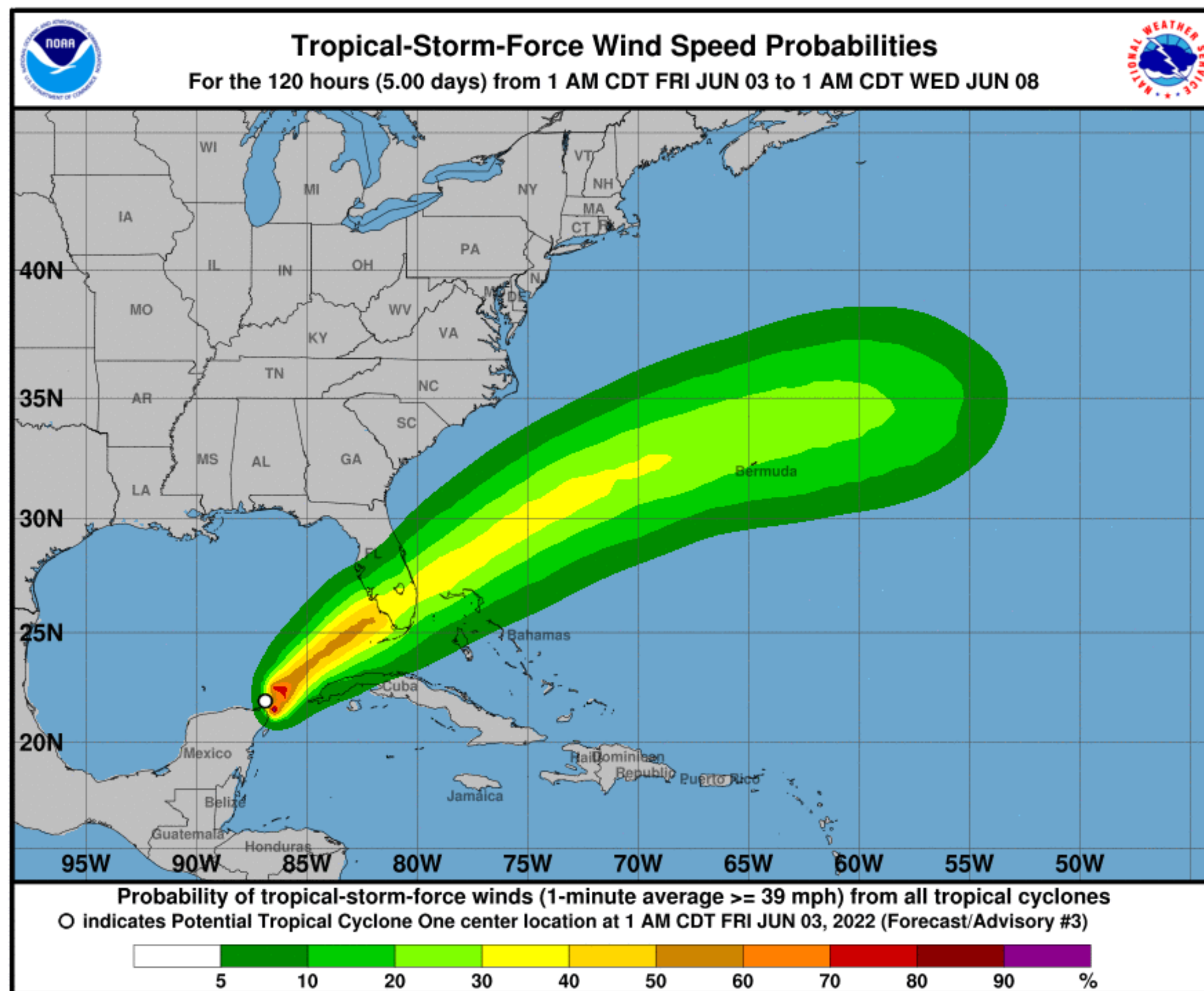
NOTE: Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.

T.S. Wind Speed Probabilities

Potential Tropical Cyclone One



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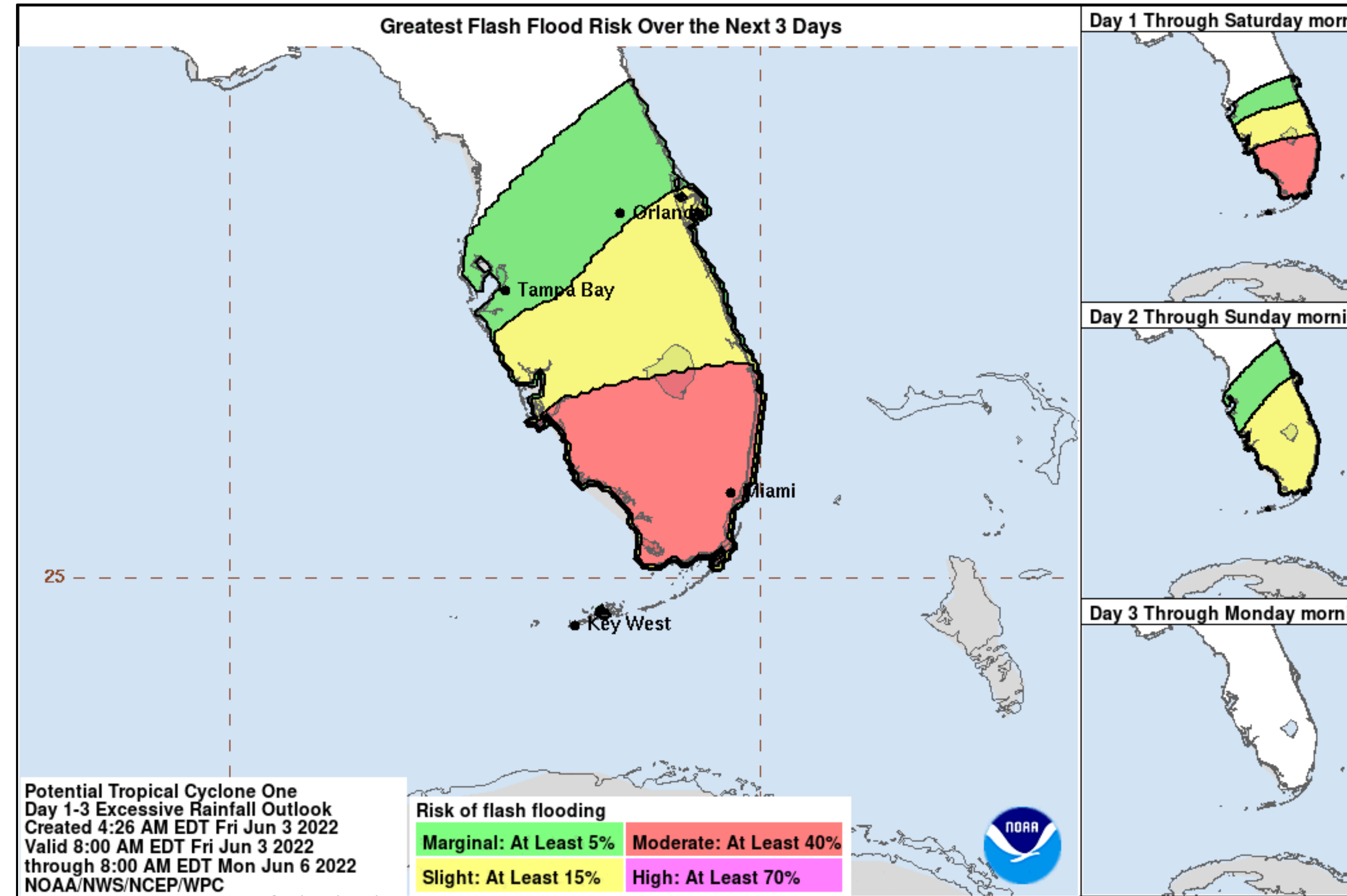
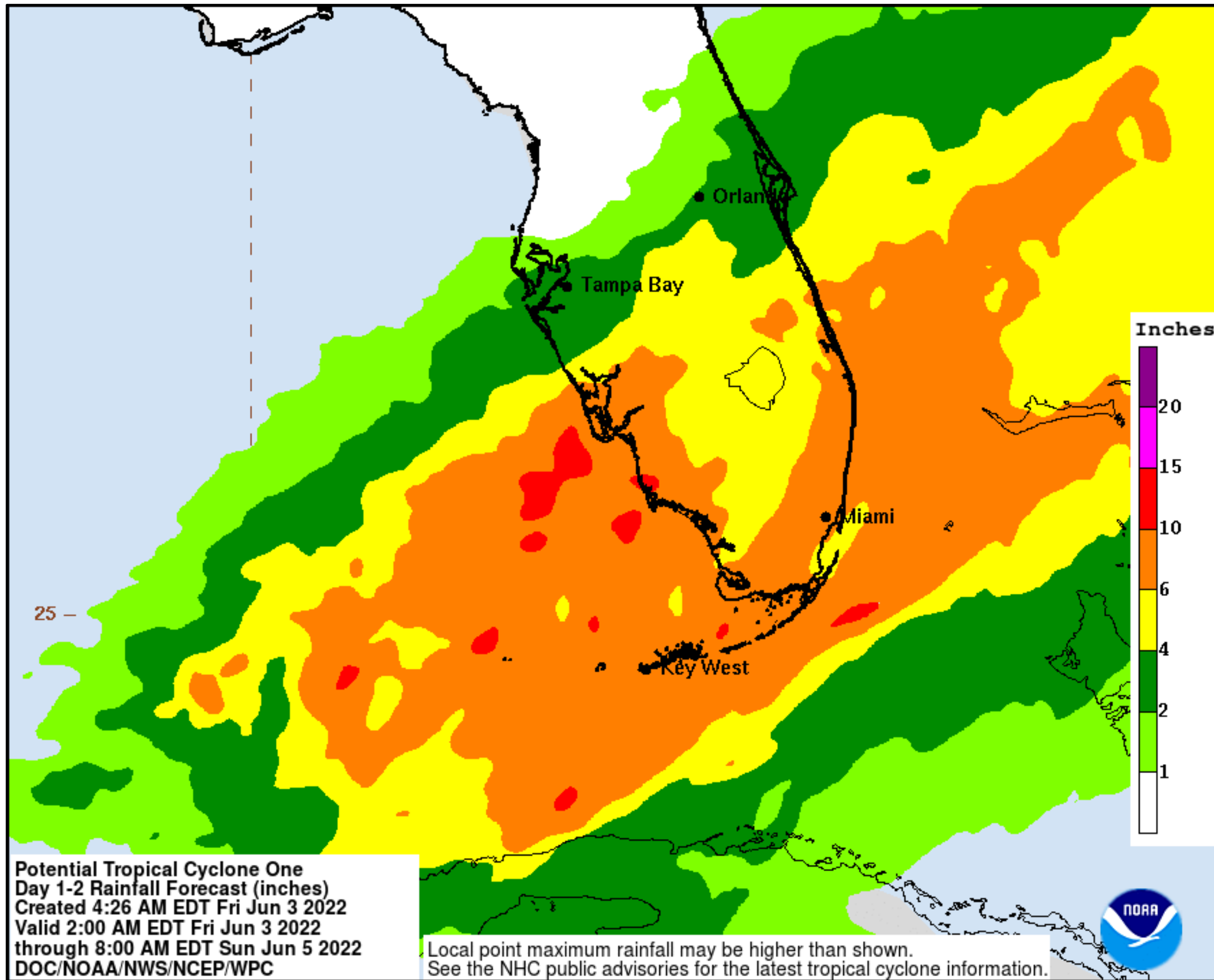
- Tampa 10%
- Ft Myers 30%
- Naples 40%
- Key West 30%
- Miami 30%
- Fort Lauderdale 30%
- West Palm Beach 30%
- Cape Canaveral 10%

Expected Storm Total Rainfall and Chance of Rainfall Flooding



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Potential Tropical Cyclone One



- Total rainfall in inches during the time span stated on the map.

Risk of rainfall exceeding flash flood guidance within 25 miles of a point

HIGH: > 50% **SLGHT: 10%-20%**
MDT: 20%-50% **MRGL: 5%-10%**

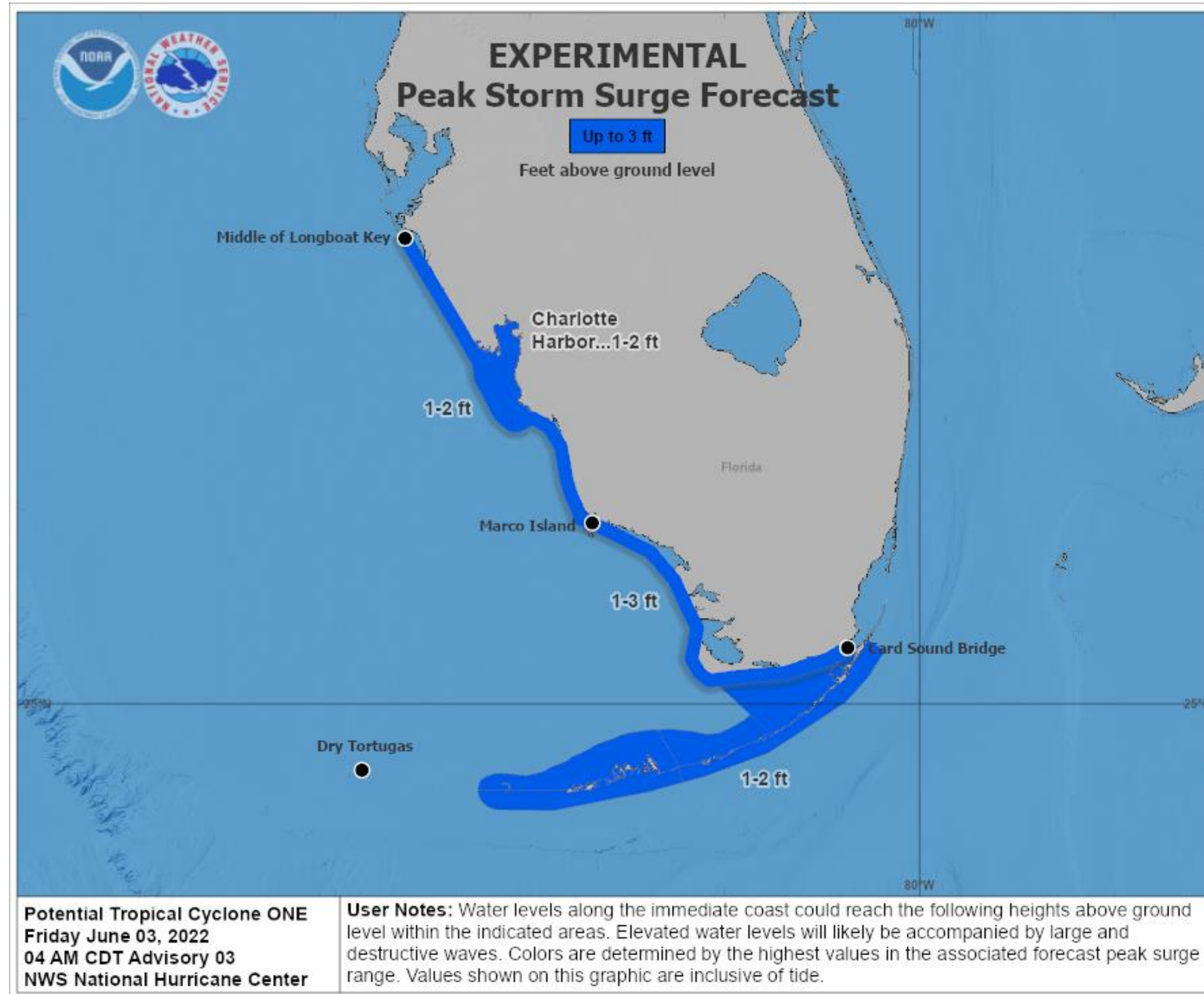
Refer to map legend for Valid Time

Potential Peak Storm Surge / Watches and Warnings



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Potential Tropical Cyclone One



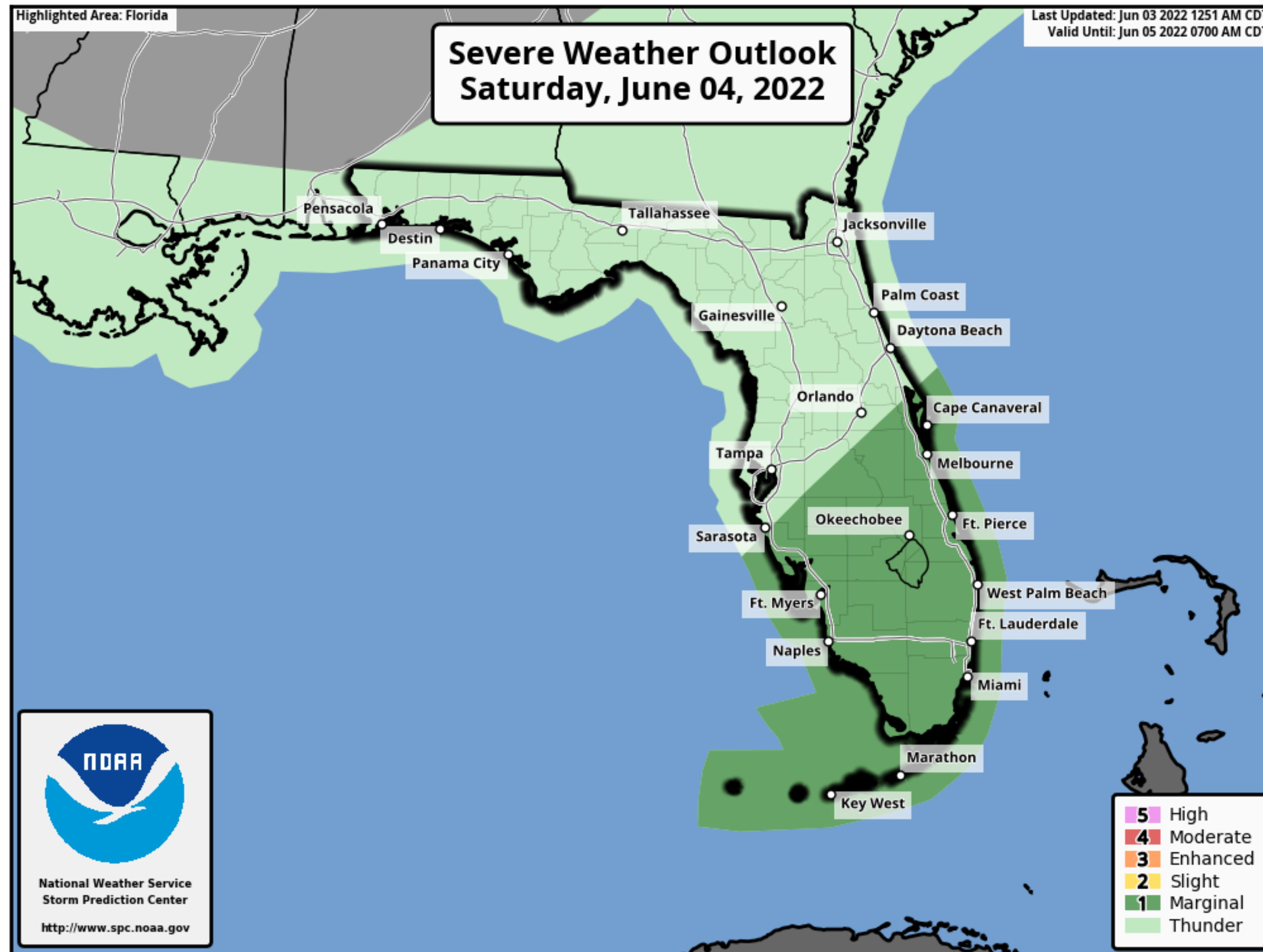
- No Storm Surge Watches/Warnings
- Surge of 1-3 ft from S of Tampa Bay through the FL Keys
- Potential storm surge is represented in feet above the ground at any given point.

Tornado Outlook – Day 1

Potential Tropical Cyclone One



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- Low risk of tornadoes along and south of the center tonight through Saturday afternoon

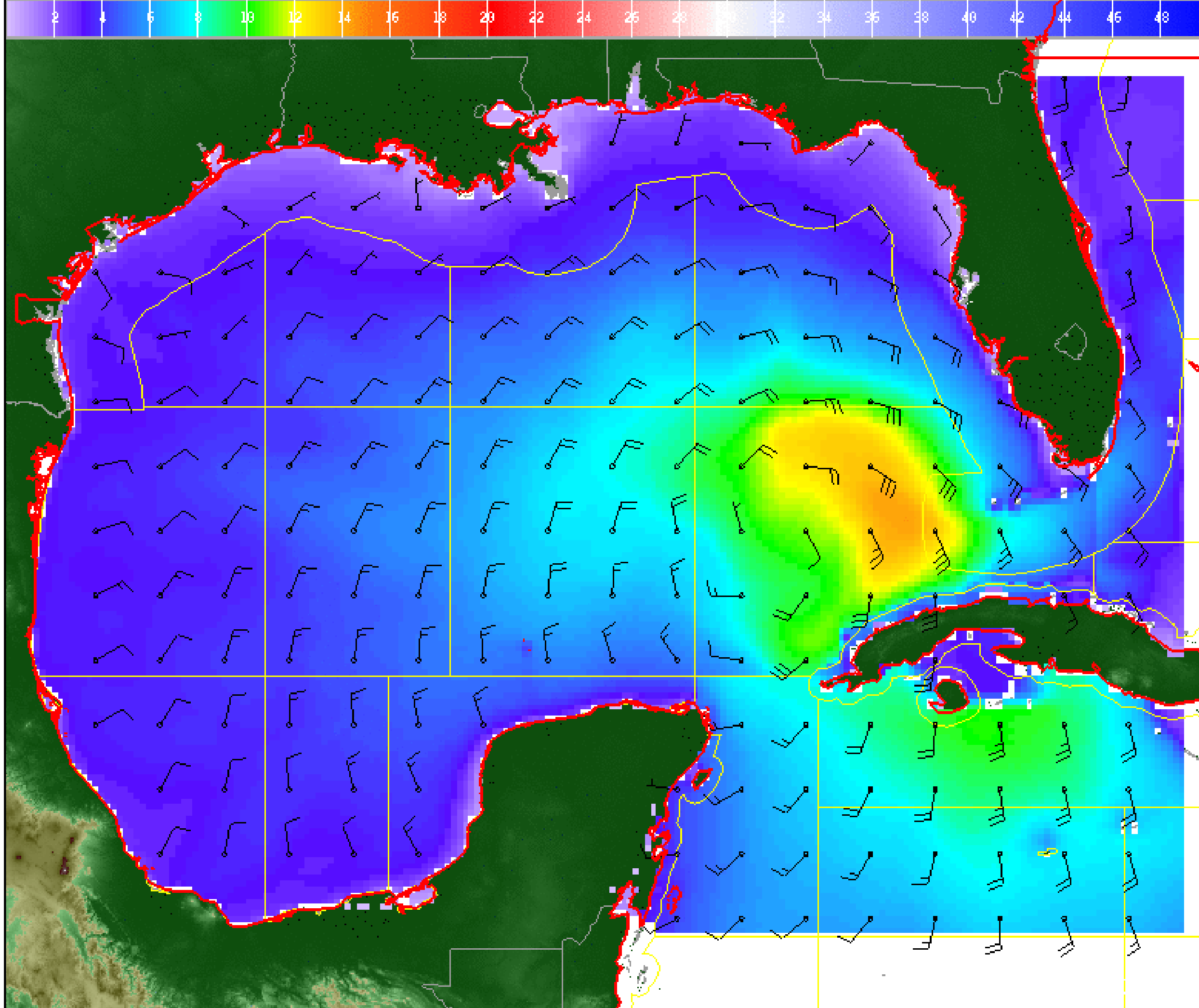
Wind And Waves

Potential Tropical Cyclone One



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

Valid 4 Jun 2022 0000 GMT

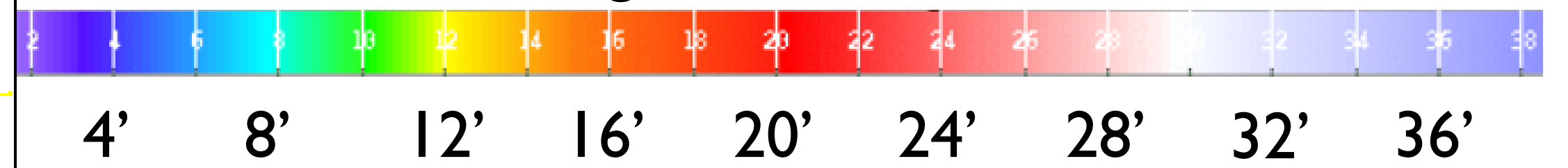


Forecast for 0z TONIGHT

Peak Winds: 35 kt

Peak Seas: 12 – 15 ft

■ Wave heights are in feet



NHC/TAFB Gridded Marine Forecasts



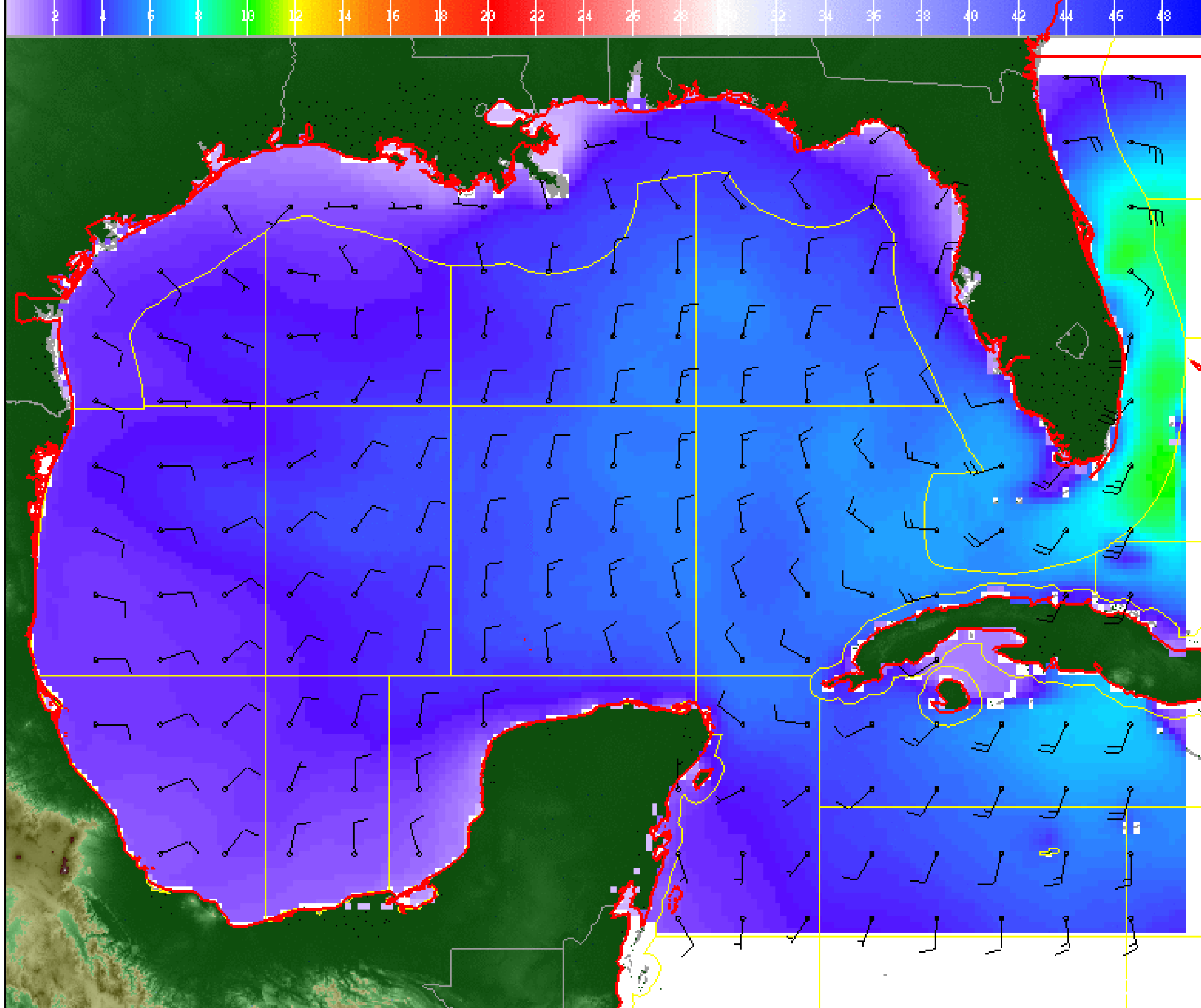
Wind And Waves

Potential Tropical Cyclone One



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

Valid 5 Jun 2022 0000 GMT

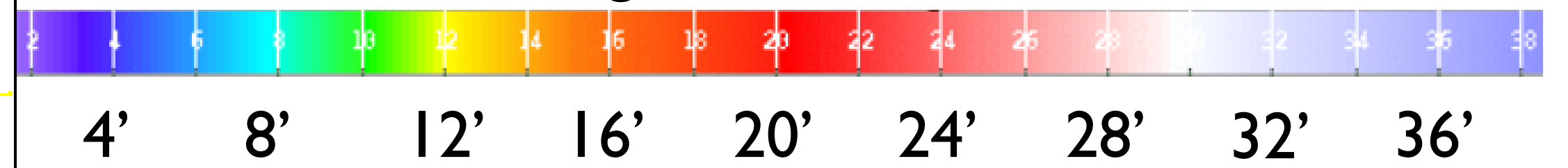


FORECAST FOR 0Z SUN

Peak Winds: 35 kt

Peak Seas: 10 - 12 ft

■ Wave heights are in feet



NHC/TAFB Gridded Marine Forecasts




Key Messages


Potential Tropical Cyclone One



Tropical Analysis and Forecast Branch
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Key Messages for Potential Tropical Cyclone One

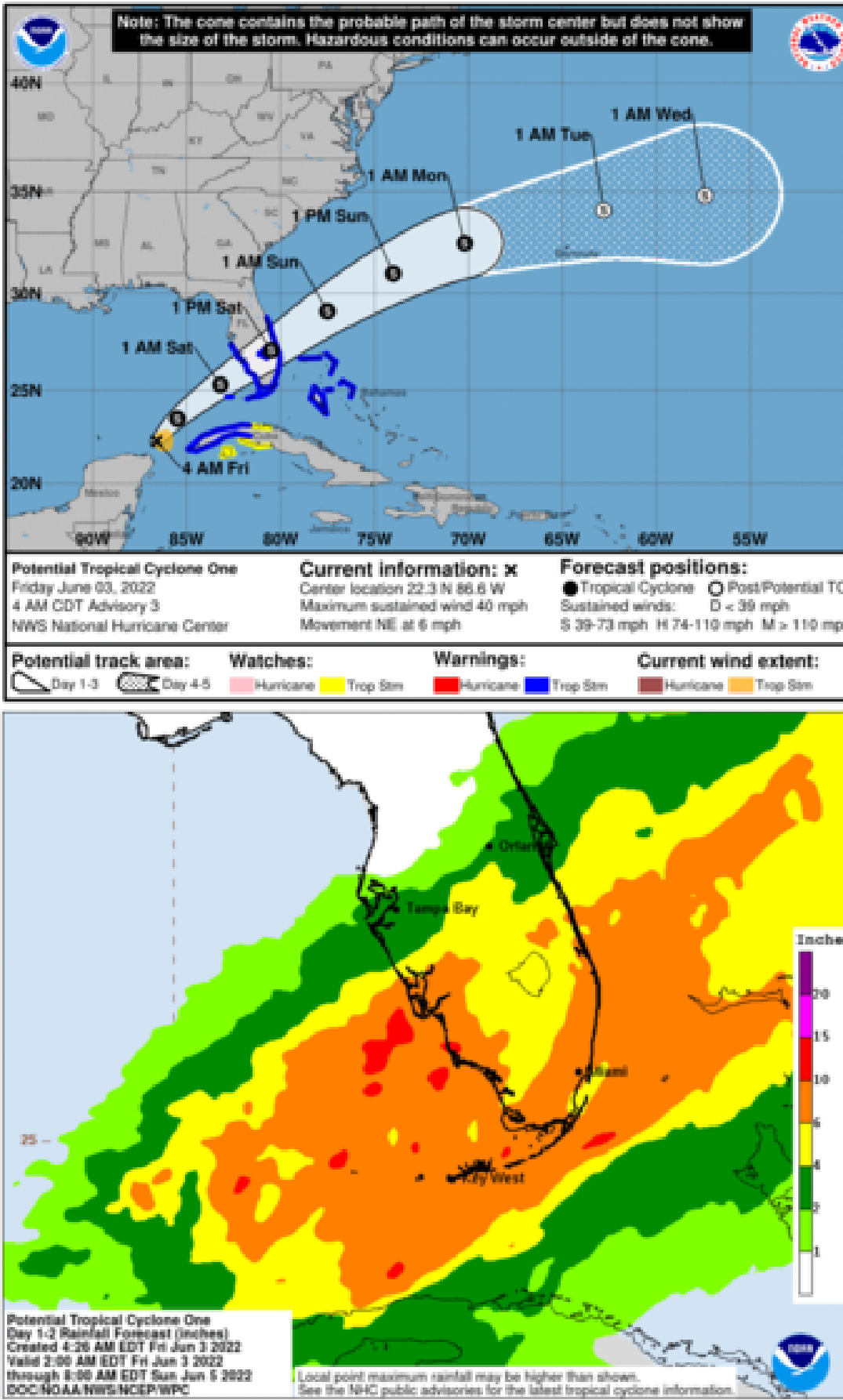


Advisory 3: 4:00 AM CDT Fri Jun 03, 2022

1. Heavy rain associated with the system is expected across western Cuba, where life-threatening flash flooding and mudslides are possible.

2. Heavy rain will affect portions of Central Florida, South Florida, and the Florida Keys today and continue through Saturday. Considerable flash and urban flooding is possible across South Florida and in the Keys. Flash and urban flooding is also possible across the northwestern Bahamas.

3. Tropical storm conditions are expected in the warning area in western Cuba today and tonight, in Florida tonight and on Saturday, and in the northwestern Bahamas on Saturday. Tropical storm conditions are also possible in the watch area in western Cuba today and tonight.



Potential Tropical Cyclone One
Friday June 03, 2022
4 AM CDT Advisory 3
NWS National Hurricane Center

Current information: x
Center location 22.3 N 86.6 W
Maximum sustained wind 40 mph
Movement NE at 6 mph

Forecast positions:
● Tropical Cyclone ○ Post/Potential TC
Sustained winds: D < 39 mph
S 39-73 mph H 74-110 mph M > 110 mph

Warnings:
● Hurricane ● Tropical Storm ● Tropical Storm ● Hurricane ● Tropical Storm

Current wind extent:
● Hurricane ● Tropical Storm

Potential track area:
Day 1-3 Day 4-5

Watches:
● Hurricane ● Tropical Storm

Day 1-2 Rainfall Forecast (inches)
Created 4:29 AM EDT Fri Jun 3 2022
Valid 2:00 AM EDT Fri Jun 3 2022
through 8:00 AM EDT Sun Jun 5 2022
DOC: NOAA/NWS/NCEP/WPC

Local point maximum rainfall may be higher than shown.
See the NHC public advisories for the latest tropical cyclone information.

For more information go to hurricanes.gov

- **Marine Key Messages:**

- Seas of 12-15 ft SE Gulf of Mexico later today into Sat morning
- Seas of 10-12 ft Atlantic waters Sat morning through Sat night

IMPACTS FOR **District 7** (through next 5 days)

Winds – Medium

Storm Surge – Low

Rainfall/Flash Flooding – High

Tornadoes – Low

Waves - Medium



POTENTIAL TROPICAL CYCLONE ONE BRIEFING

You can contact the Tropical Analysis and Forecast Branch at
305-229-4424

You can always find get the latest graphics and information for this storm at www.hurricanes.gov



NHC_TAFB

www.nhc.noaa.gov