

IMPACTS FOR D7

Winds/US Coast – None

Winds/SRR – Moderate

Waves/US Coastal – None

Waves/SRR – Moderate

through next 5 days

US Storm Surge – None

US Rainfall/Flash Flooding – None

US Tornadoes – None

TROPICAL STORM OSCAR BRIEFING



9:00 AM EDT
Monday, October 21, 2024

Prepared by:
Chris Landsea

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*



What's New Since Last Briefing

Tropical Storm Oscar



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

...HURRICANE OSCAR MAKES LANDFALL ON THE NORTHERN COAST OF EASTERN CUBA...

SUMMARY OF 550 PM EDT SUNDAY, OCTOBER 21st
INFORMATION

LOCATION...20.3N 74.4W

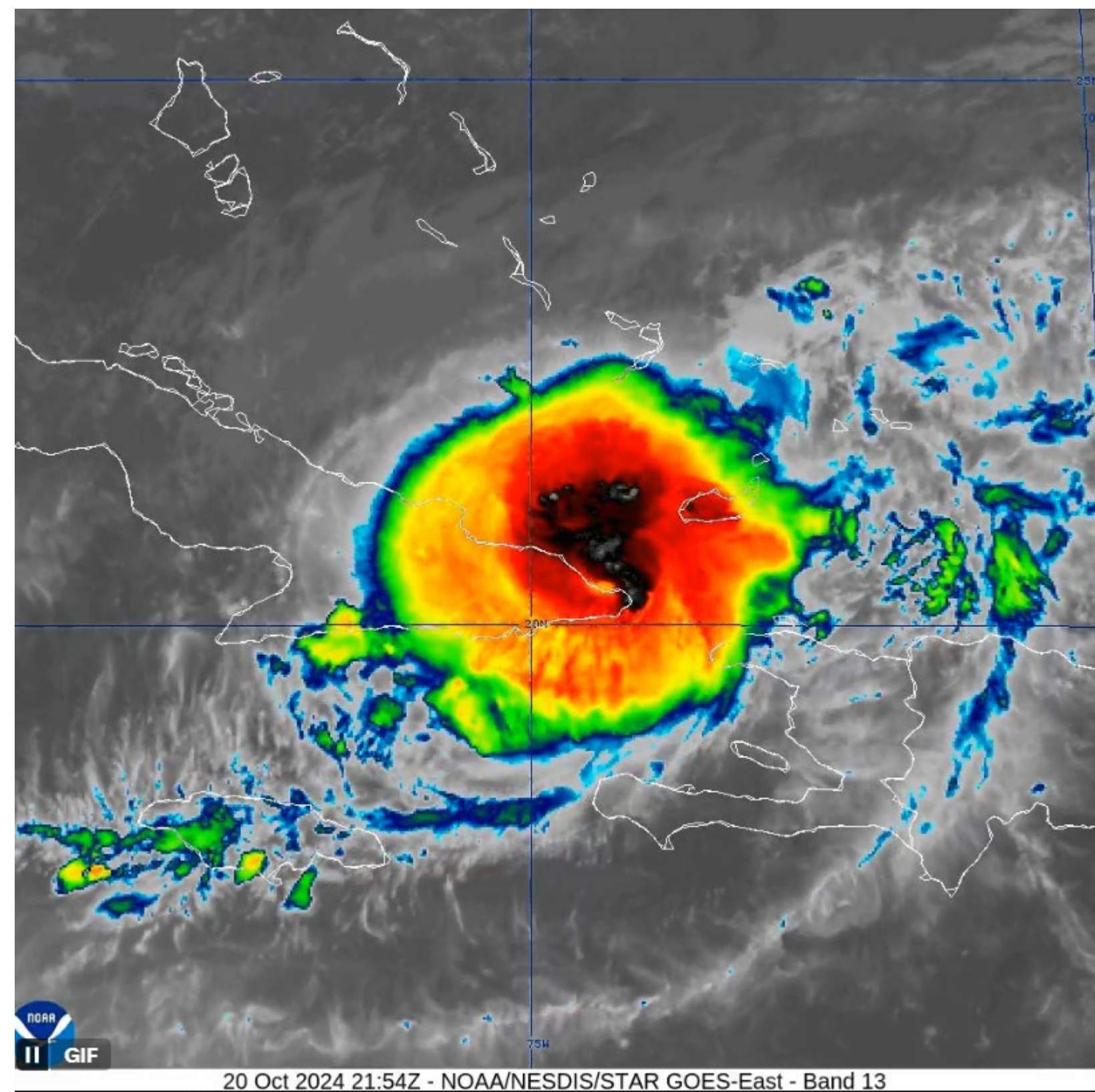
ABOUT 5 MI...10 KM ESE OF BARACOA

ABOUT 50 MI...80 KM E OF GUANTANAMO CUBA

MAXIMUM SUSTAINED WINDS...70 KT

PRESENT MOVEMENT...WSW AT 6 KT

MINIMUM CENTRAL PRESSURE...986 MB



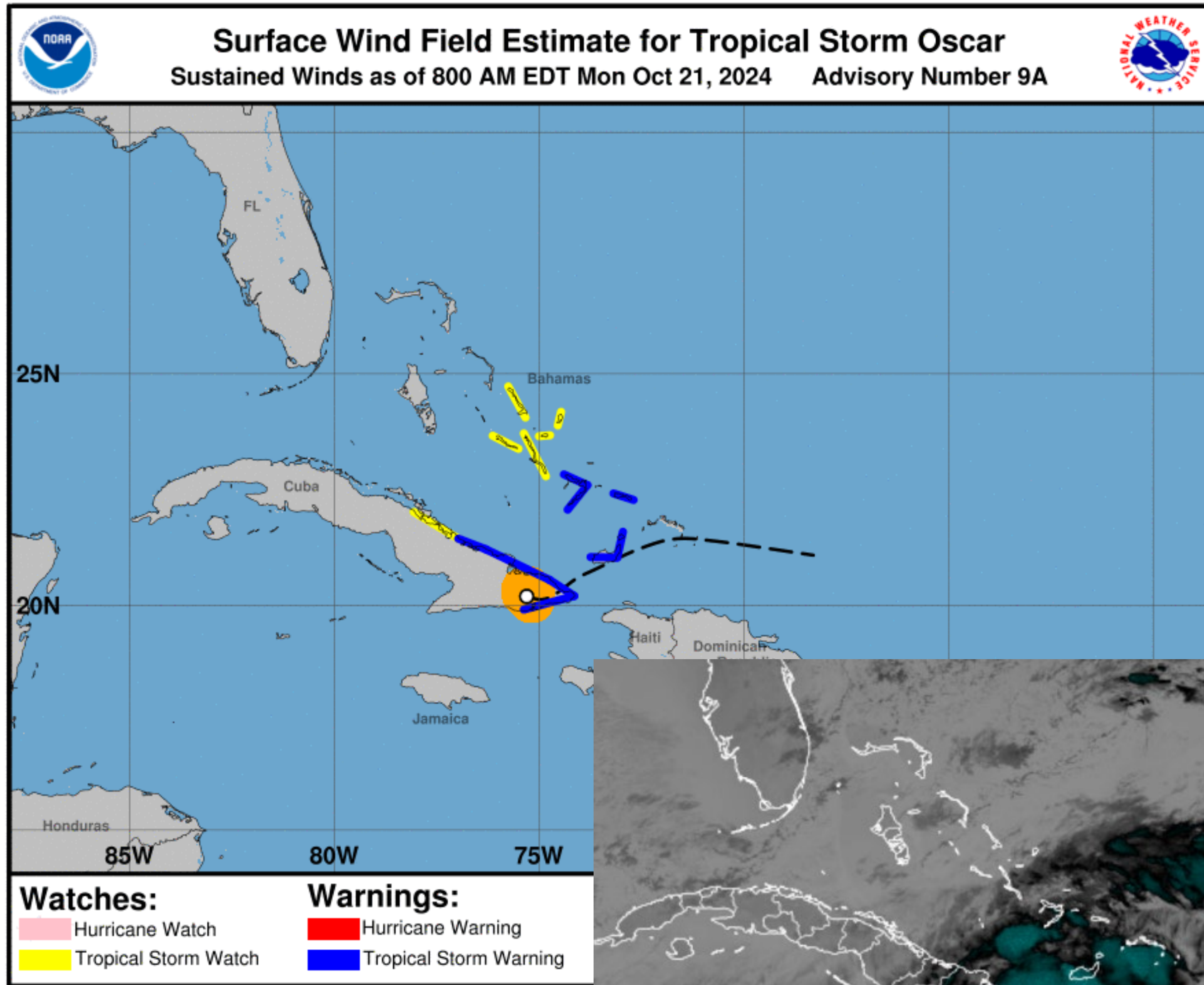
Tropical Storm Warnings issued for SE Bahamas
Hurricane Warnings dropped for Cuba

Situation Overview

Tropical Storm Oscar



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**...HEAVY RAINFALL CONTINUING
OVER EASTERN CUBA...**

SUMMARY OF 800 AM EDT INFORMATION

LOCATION...20.2N 75.3W
ABOUT 5 NM W OF GUANTANAMO CUBA
MAXIMUM SUSTAINED WINDS...40 KT
PRESENT MOVEMENT...W AT 2 KT

SIZE

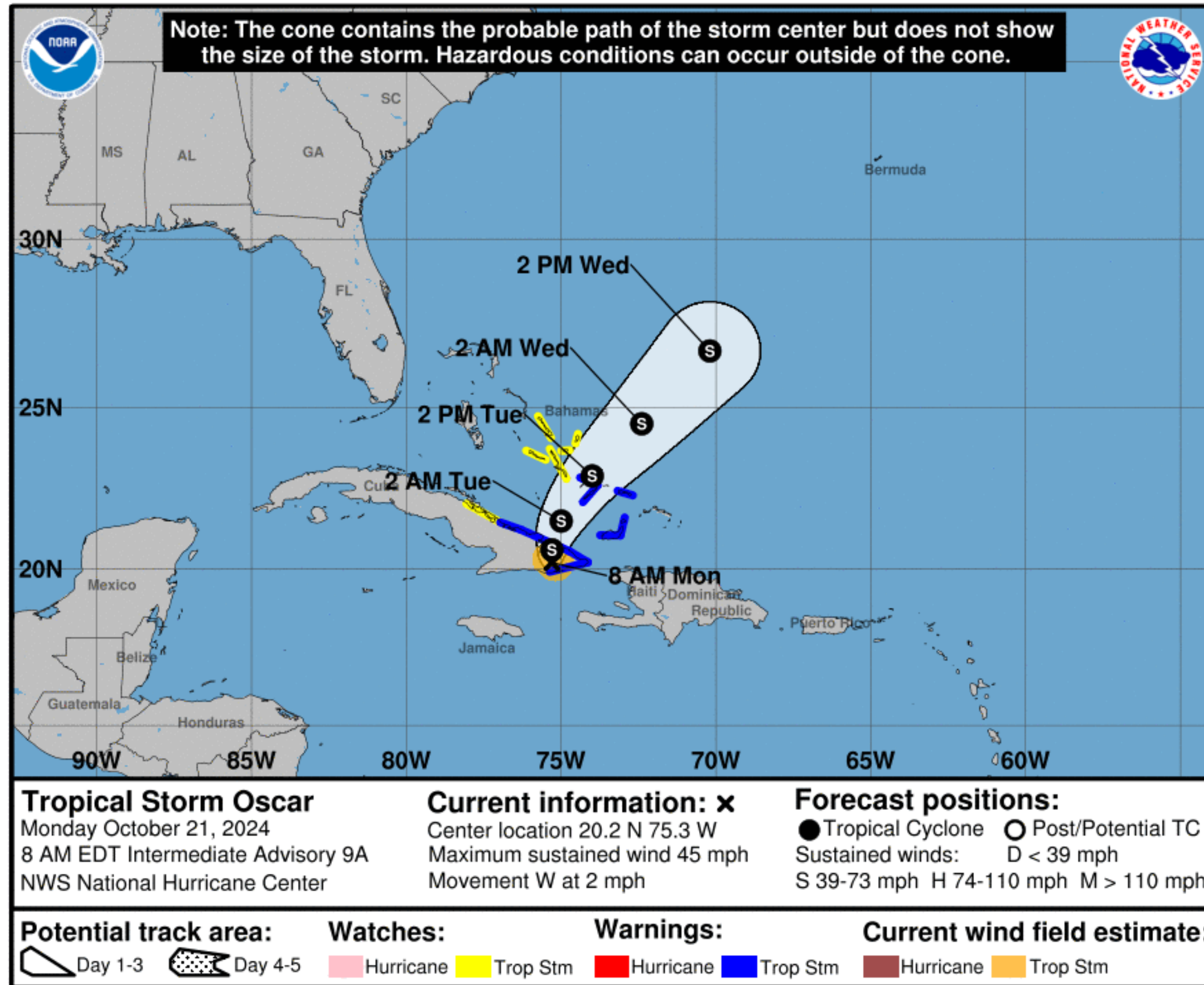
34 KT..... 40NE 40SE 30SW 40NW.
12 FT SEAS.. 60NE 0SE 0SW 45NW.
PEAK SEAS 13 FT

Forecast Information

Tropical Storm Oscar



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NWS National Hurricane Center



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

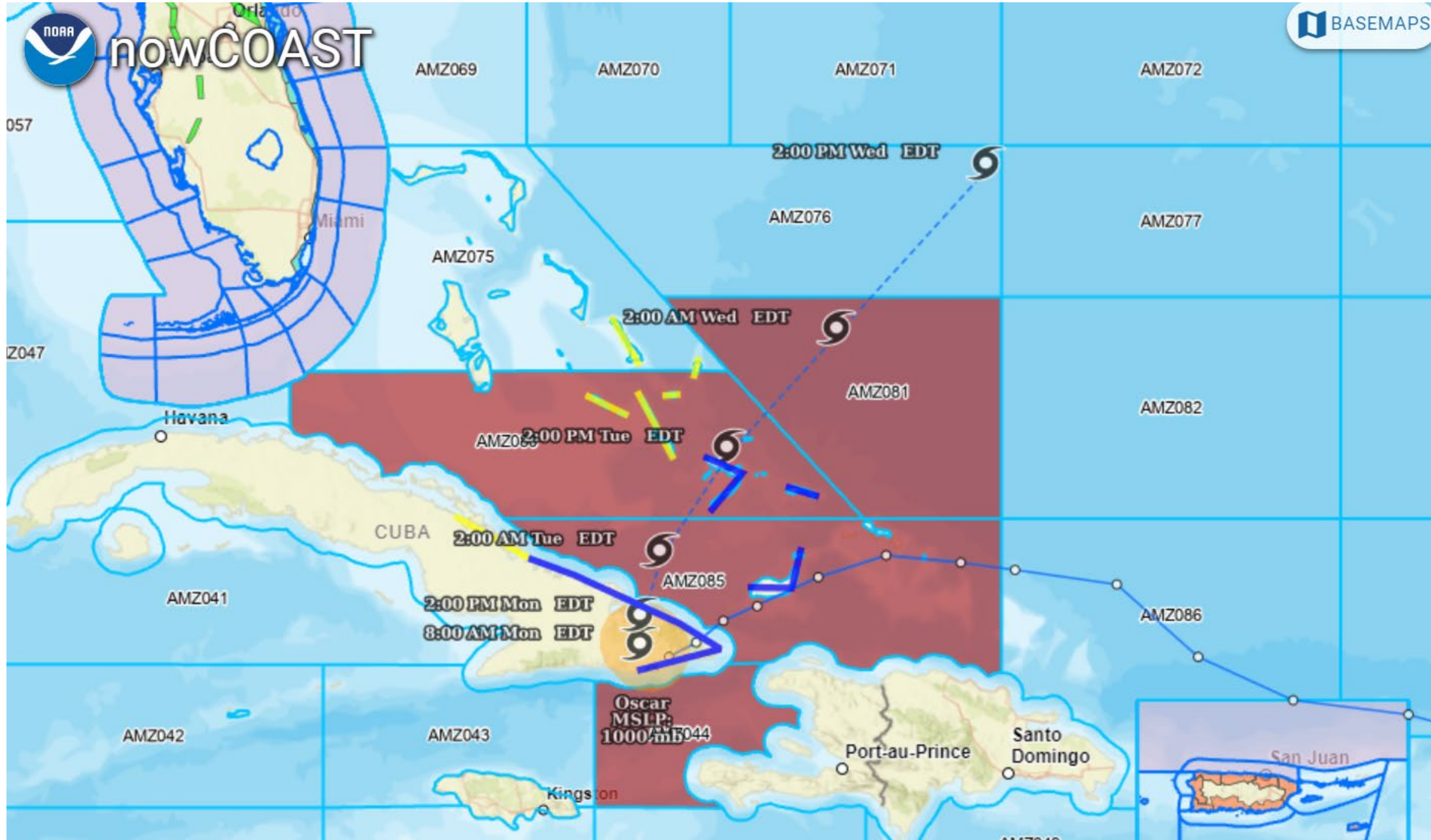
- **Oscar should turn and accelerate to the northeast by tomorrow**
- **The tropical storm should retain about the same maximum winds until being absorbed by an extratropical cyclone on Wednesday**
- Current center forecast positions through the next 3 days illustrated by dots
- White swath of potential track error added to each side of the forecast track through day 3
- ** Swaths are calculated using average track errors and actual track may be well inside, or possibly outside the potential track areas indicated.



Hazards Map

Tropical Storm Oscar



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NWS National Hurricane Center



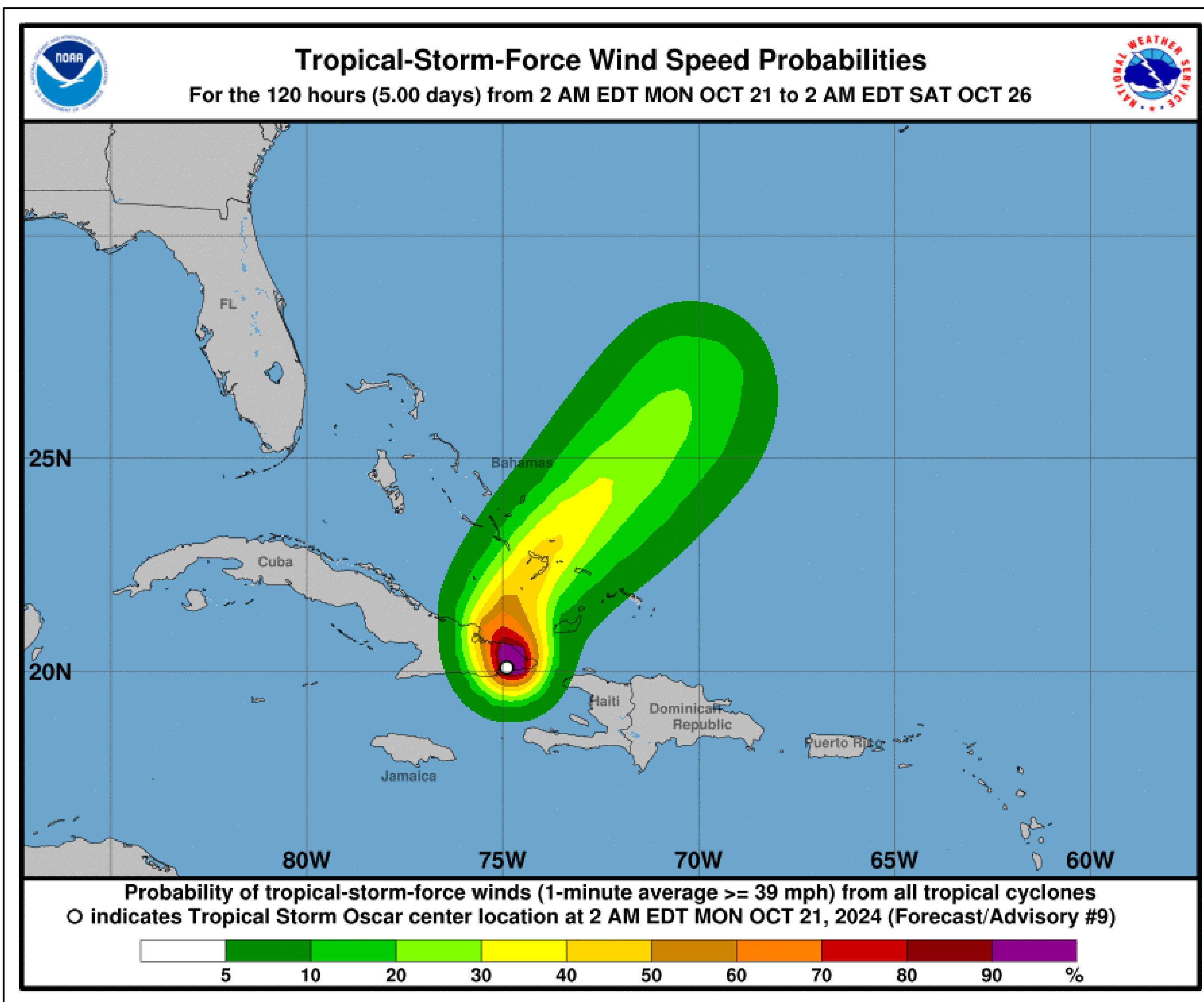
-  Tropical Storm Warning
-  Small Craft Advisory (

T.S. Wind Speed Probabilities

Tropical Storm Oscar



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NWS National Hurricane Center



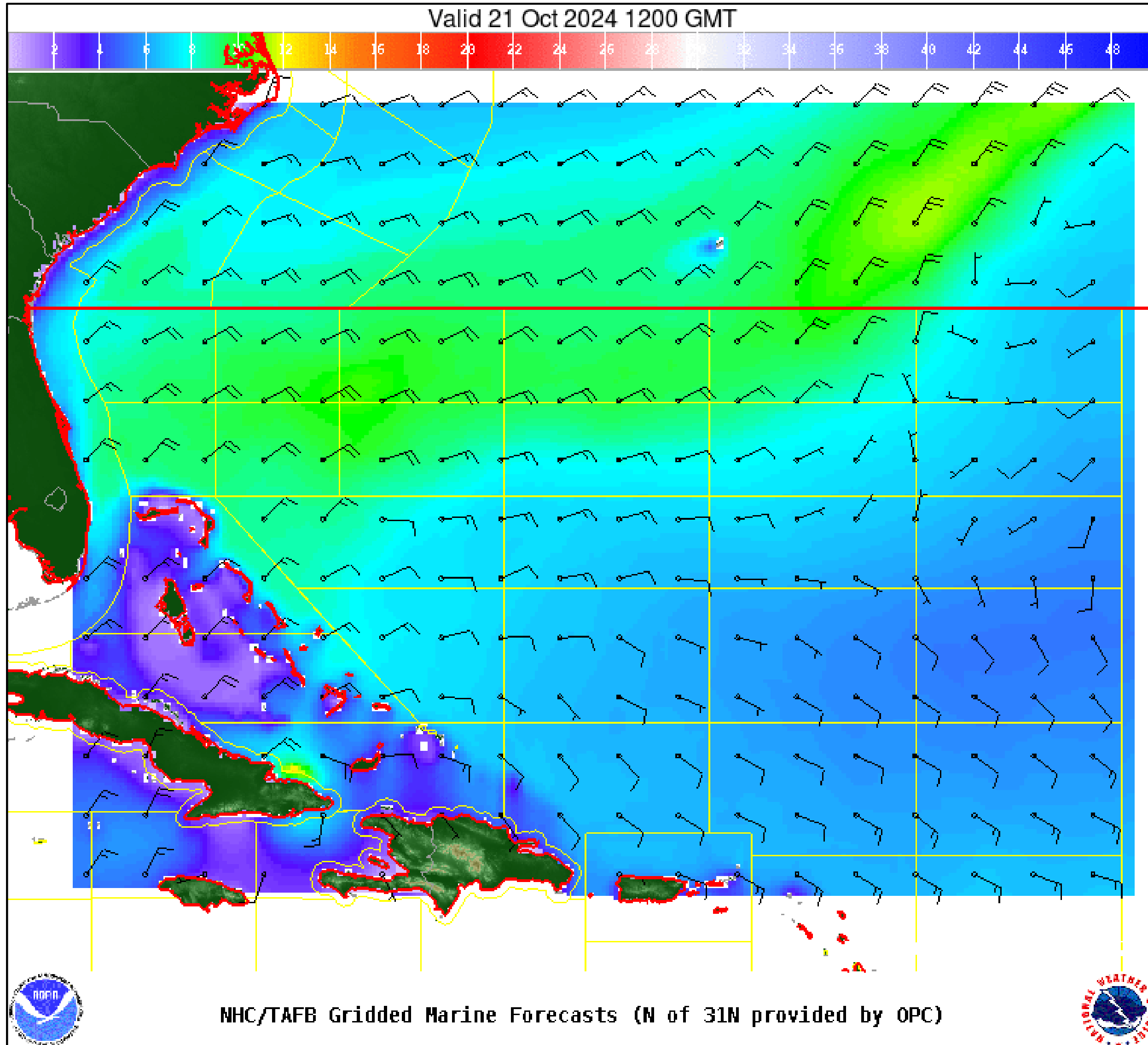
- **No Tropical Storm Winds Expected for D7's US coastline**
- Probabilities of sustained tropical storm force winds (34 kt to 63 kt) over the next 5 days, based off this cyclone's wind radii and track.
- Clear or dark green are the lowest chances of 0-30%.
- Yellow to orange is 31-70%
- Red through purple are the highest probabilities of 71%-100%
See the color bar below the image for more details.

Wind And Waves

Tropical Storm Oscar



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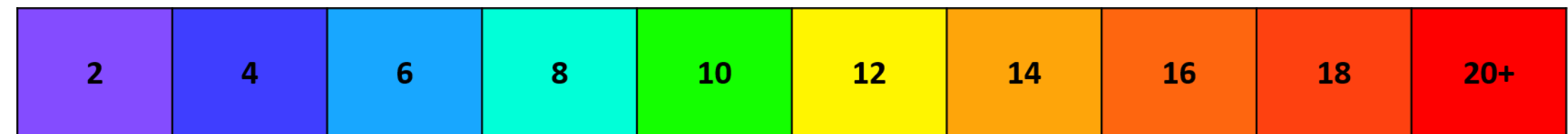
Current Conditions

8am Monday, October 21st

Peak Winds: 40 kt

Peak Seas: 13 ft

■ Wave heights are in feet



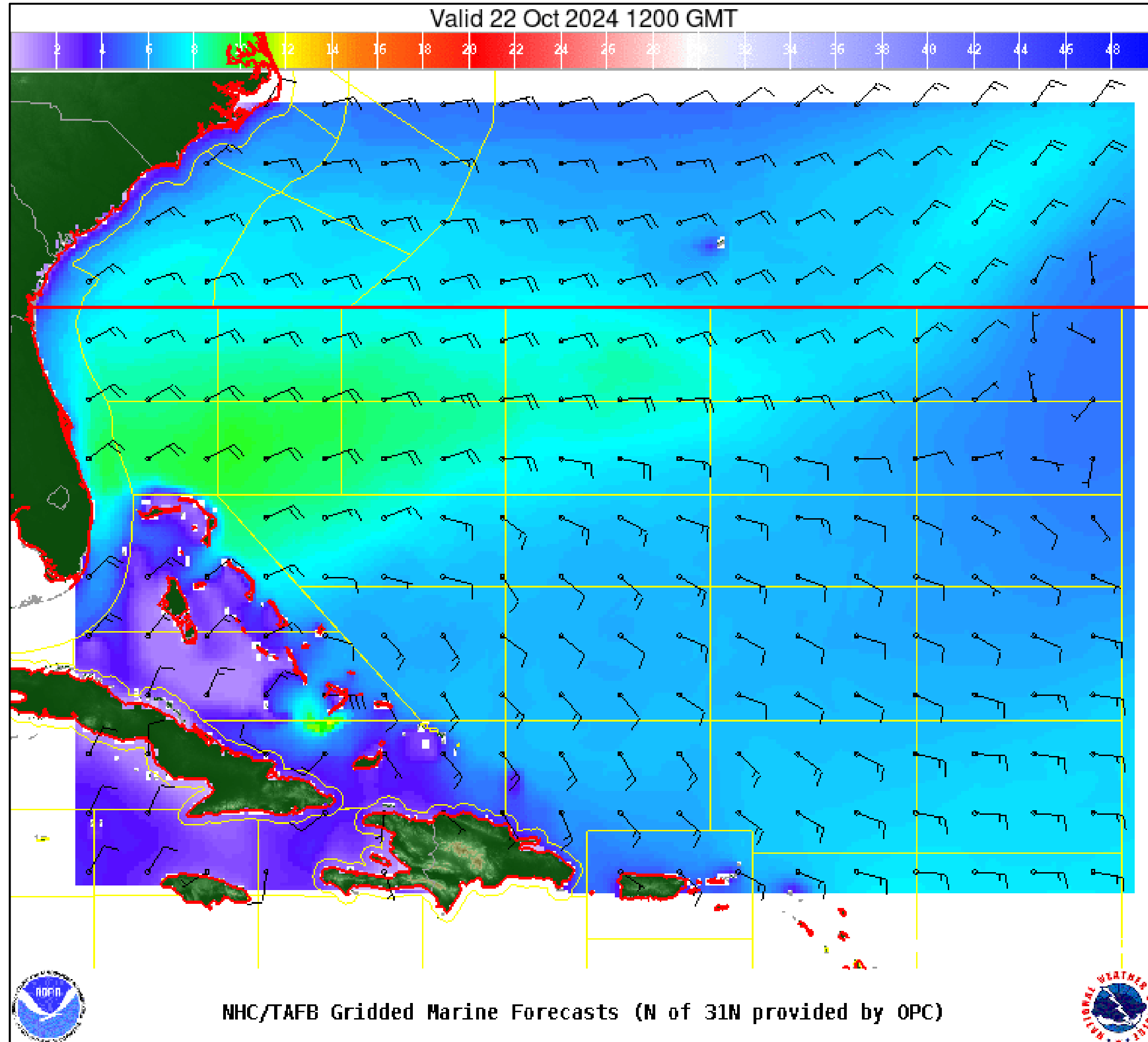
Significant Wave Height (ft)

Wind And Waves

Tropical Storm Oscar



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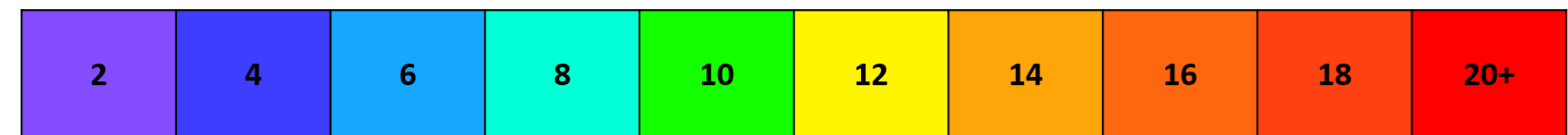
24 Hour Forecast

8am Tuesday October 22nd

Peak Winds: 40 kt

Peak Seas: 12 ft

■ Wave heights are in feet



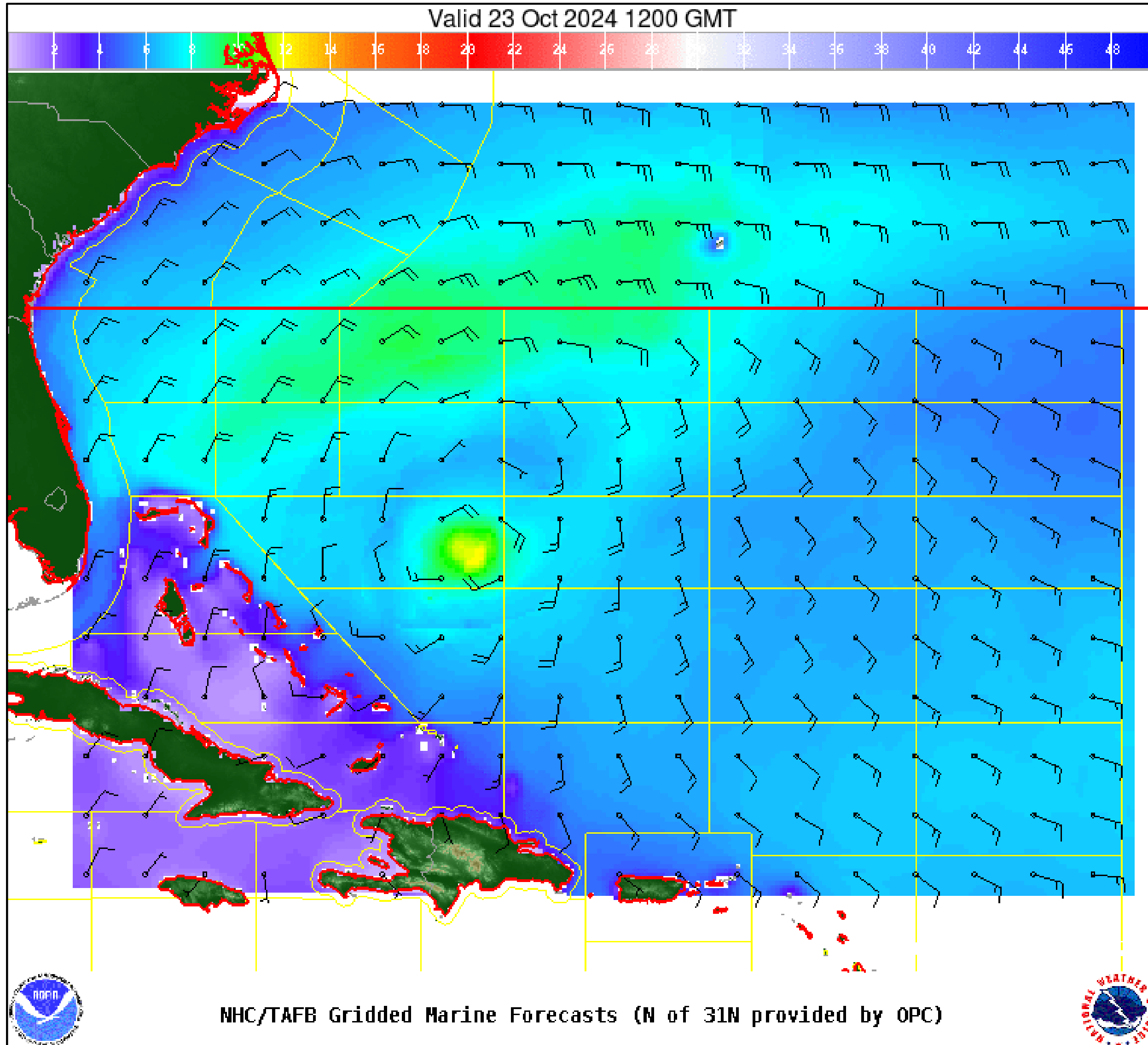
Significant Wave Height (ft)

Wind And Waves

Tropical Storm Oscar



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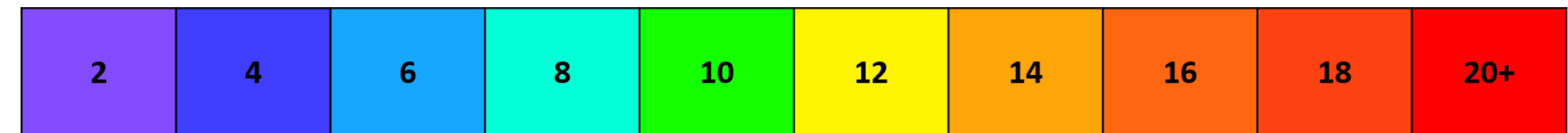
48 Hour Forecast

8am Wednesday, October 23rd

Peak Winds: 40 kt

Peak Seas: 13 ft

■ Wave heights are in feet



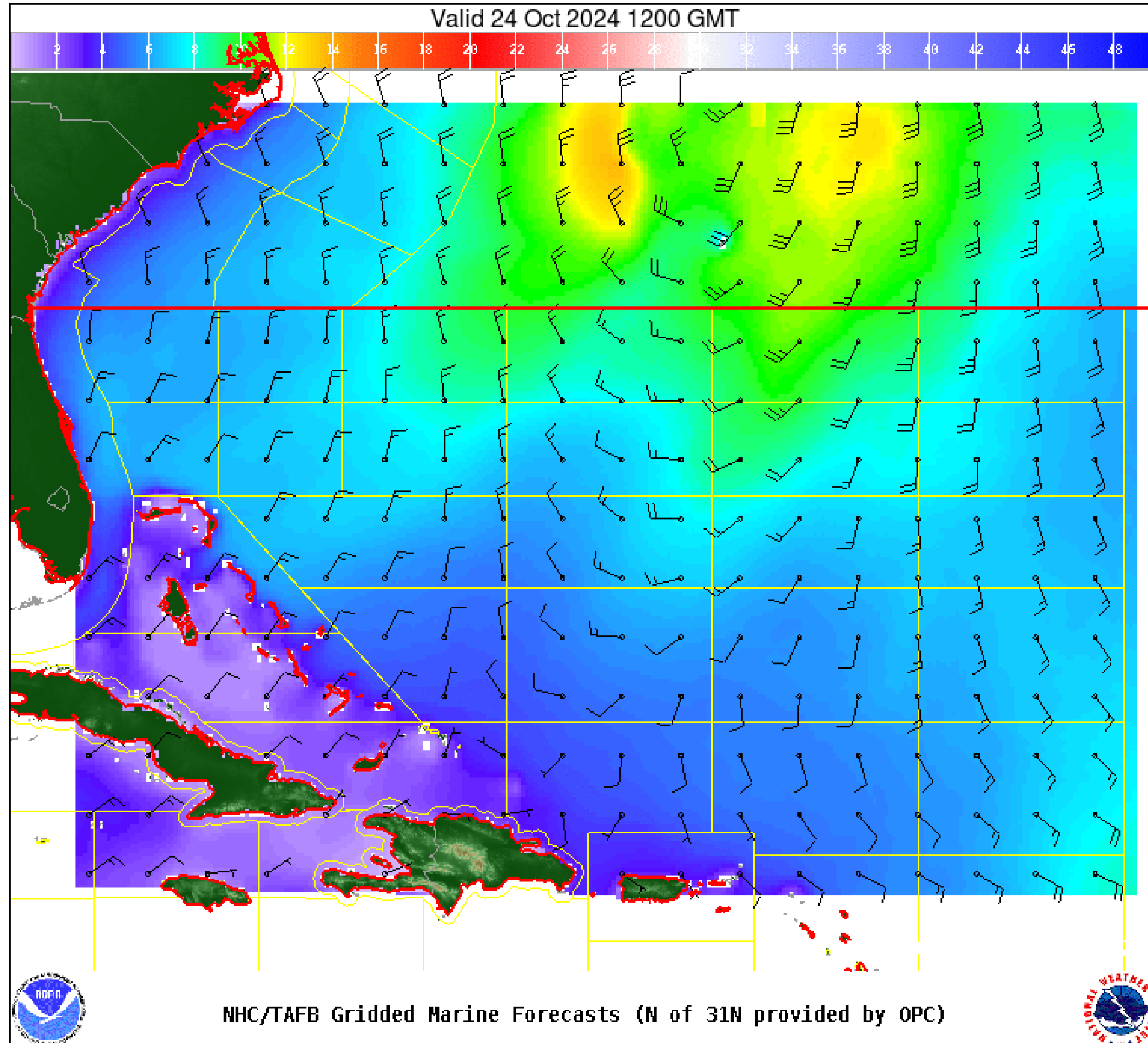
Significant Wave Height (ft)

Wind And Waves

Tropical Storm Oscar



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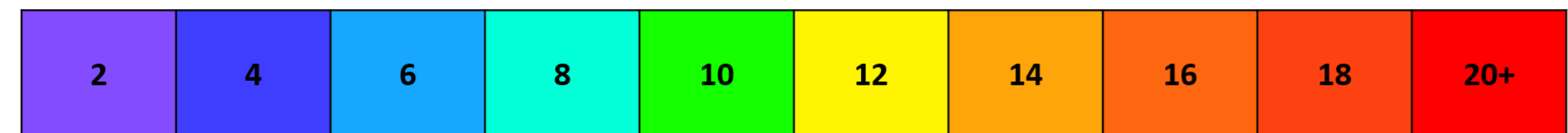
72 Hour Forecast

8am Thursday, October 24th

Peak Winds: 25 kt

Peak Seas: 10 ft

■ Wave heights are in feet



Significant Wave Height (ft)

Expected Storm Total Rainfall

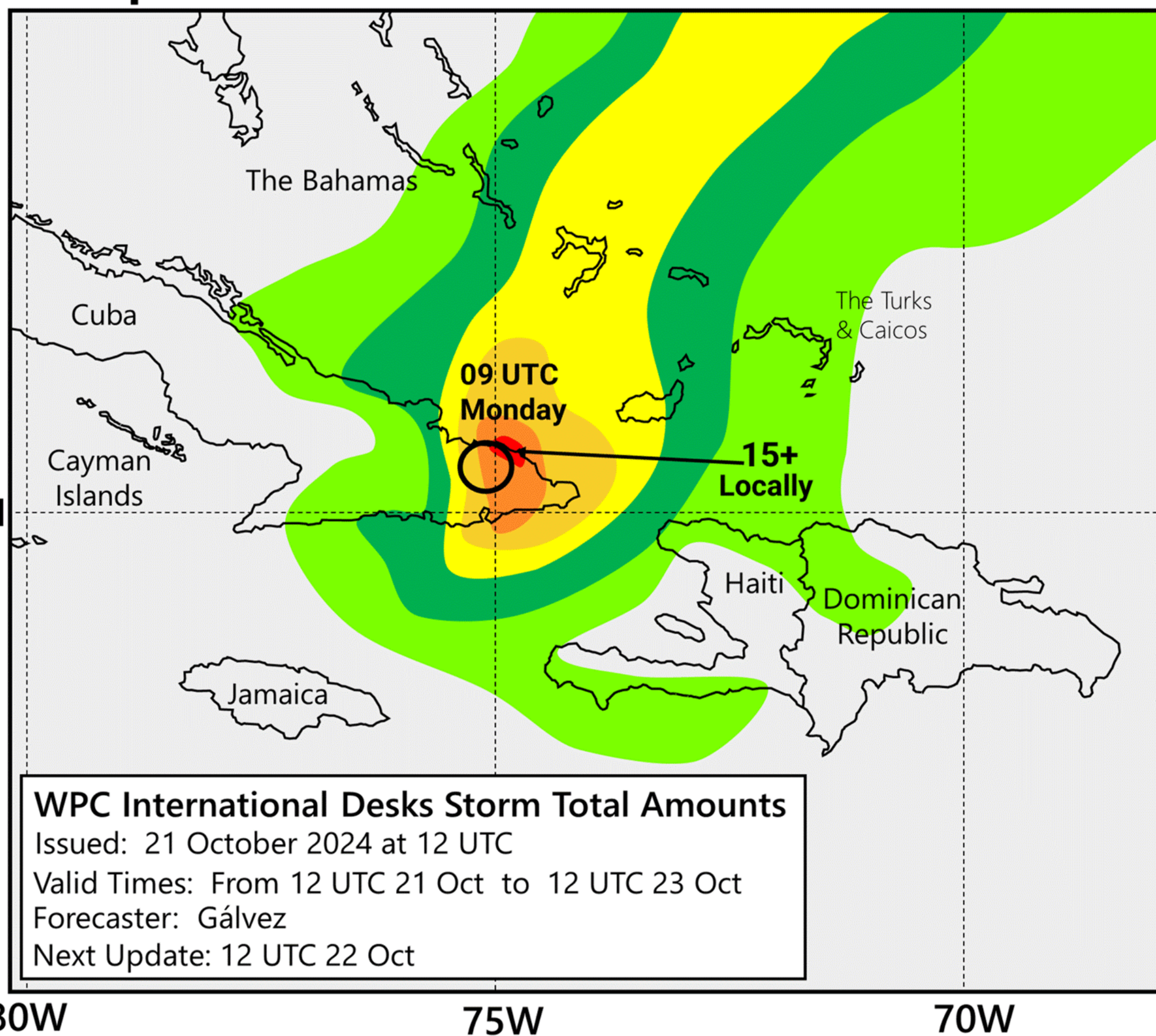


Tropical Analysis and Forecast Branch
NWS National Hurricane Center

Tropical Storm Oscar

Images from NWS Weather Prediction Center

Tropical Storm Oscar Forecast Rainfall



Rainfall	
inches	mm
30+	750+
20-30	500-750
16-20	400-500
12-16	300-400
8-12	200-300
6-8	150-200
4-6	100-150
2-4	50-100
1-2	25-50

NOTE
This forecast is for planning purposes. A detailed official forecast will be issued by the respective National Hydro Meteorological Service.

WPC International Desks Storm Total Amounts
 Issued: 21 October 2024 at 12 UTC
 Valid Times: From 12 UTC 21 Oct to 12 UTC 23 Oct
 Forecaster: Gálvez
 Next Update: 12 UTC 22 Oct

Key Messages

Tropical Storm Oscar



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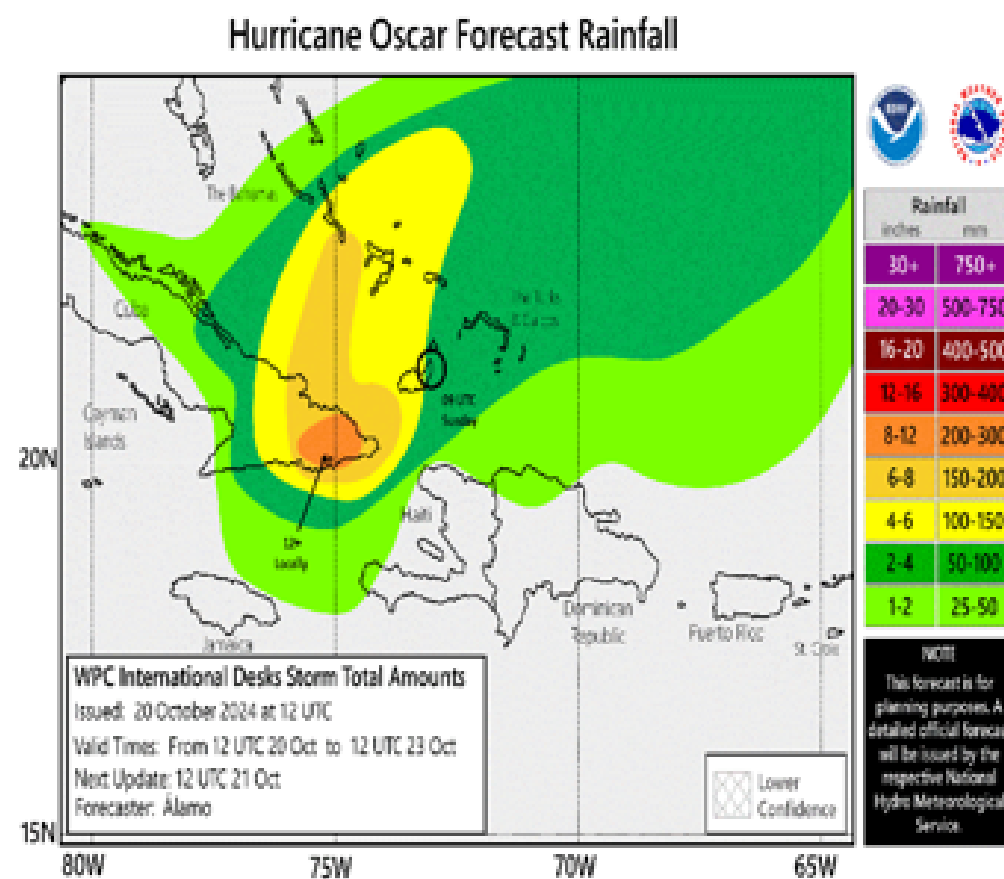
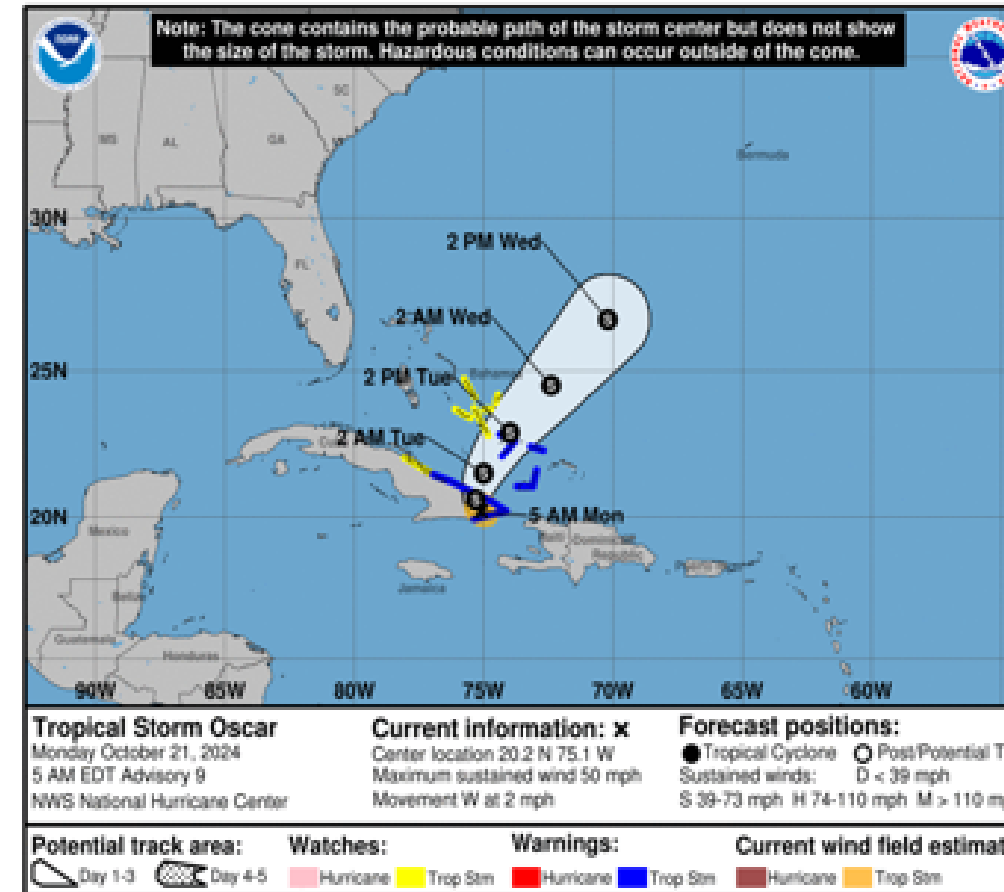
Key Messages for Tropical Storm Oscar

Advisory 9: 5:00 AM EDT Mon Oct 21, 2024



1. Through midweek, heavy rainfall from Oscar will lead to areas of significant, life-threatening flash flooding along with mudslides across portions of eastern Cuba, especially within the Sierra Maestra. In addition, localized flash flooding will be possible across the southeastern Bahamas.

2. Tropical storm conditions are expected to continue today across portions of eastern Cuba. Tropical storm conditions are also expected in portions of the southeastern Bahamas tonight and Tuesday.



For more information go to hurricanes.gov

IMPACTS FOR D7

Winds/US Coast – None

Winds/SRR – **Moderate**

Waves/US Coastal – None

Waves/SRR – **Moderate**

US Storm Surge – None

US Rainfall/Flash Flooding – None

US Tornadoes – None

- **Marine Key Messages:**
- Limited area of 12 ft seas with Oscar due to small size/moderate winds
- Winds/seas back to normal over D7's SRR waters by Wednesday

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



TROPICAL STORM OSCAR BRIEFING

This briefing was prepared by:

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TIME of NEXT NHC Advisory:

15 UTC: 11 AM EDT

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



NHC_TAFB

www.nhc.noaa.gov