

IMPACTS FOR **D7**

Winds – **Low**

Storm Surge – None

Rainfall/Flash Flooding – **Low**

Tornadoes – None

Waves - **Low**

TROPICAL STORM JOSEPHINE BRIEFING



8:15 AM EDT
Friday, August 14, 2020

Prepared by:
Nelsie Ramos

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*



NHC_TAFB

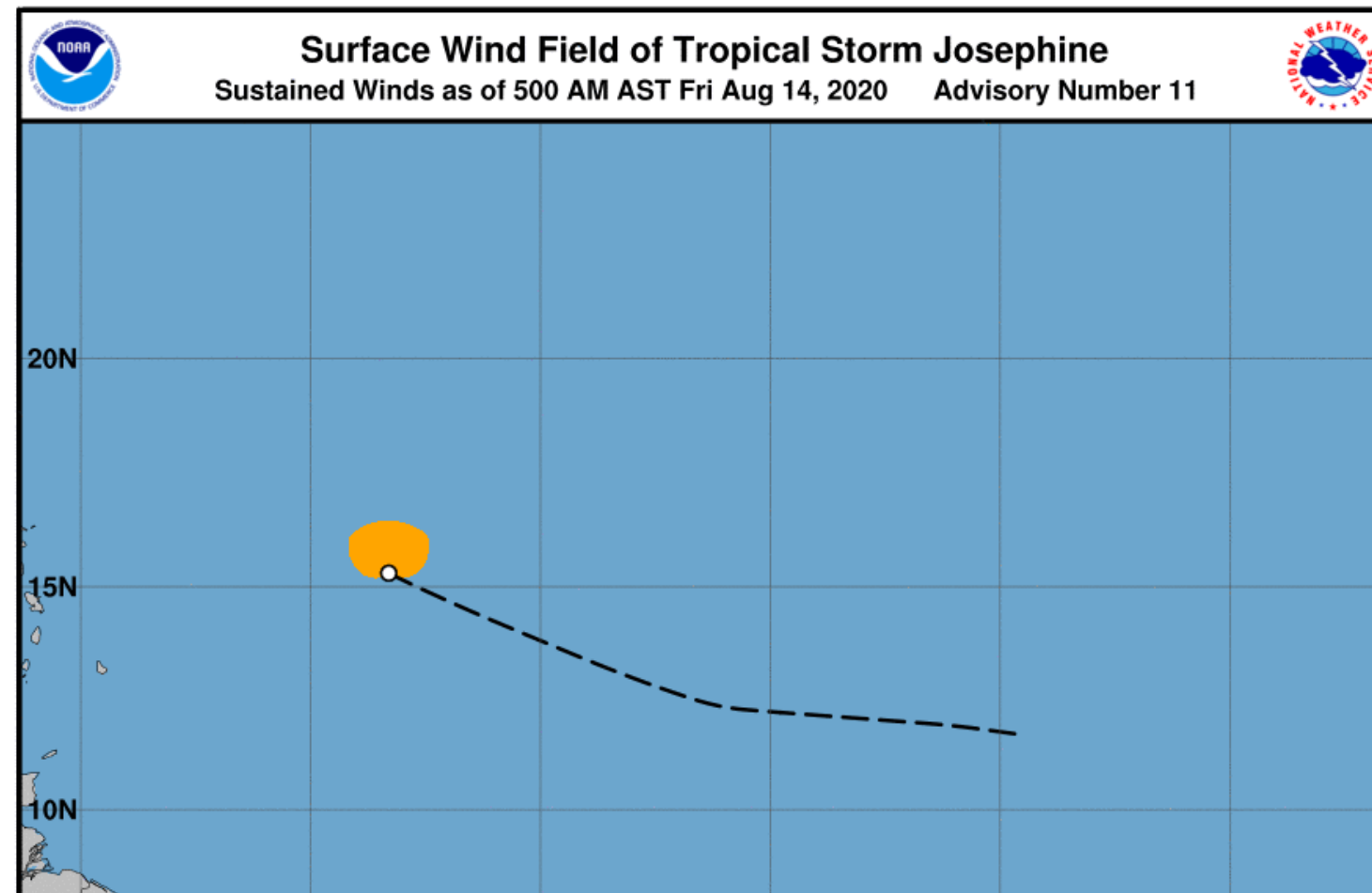
www.nhc.noaa.gov

Situation Overview

Tropical Storm Josephine



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...JOSEPHINE CONTINUES ON ITS WEST-NORTHWESTWARD TRACK OVER THE TROPICAL ATLANTIC...

SUMMARY OF 500 AM EDT...INFORMATION

LOCATION...15.3N 53.3W

ABOUT 590 NM ESE OF THE NORTHERN
LEEWARD ISLANDS

MAXIMUM SUSTAINED WINDS 35 KT

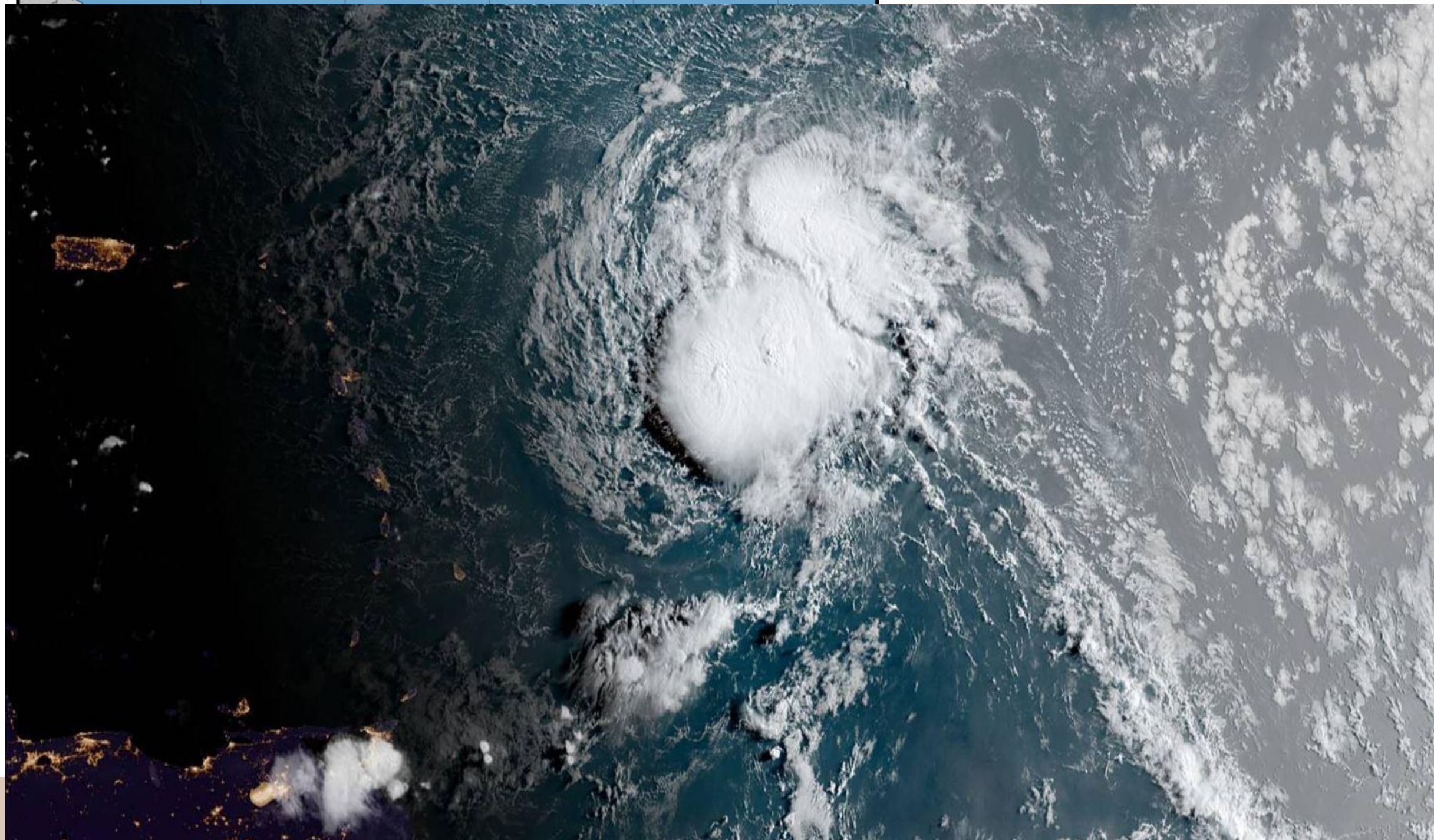
PRESENT MOVEMENT...WNW OR 300 DEGREES
AT 15 KT

SIZE IN NM:

34 KT..... 70NE 0SE 0SW 70NW.

12 FT SEAS.. 60NE 0SE 0SW 30NW

PEAK SEAS 15 FT

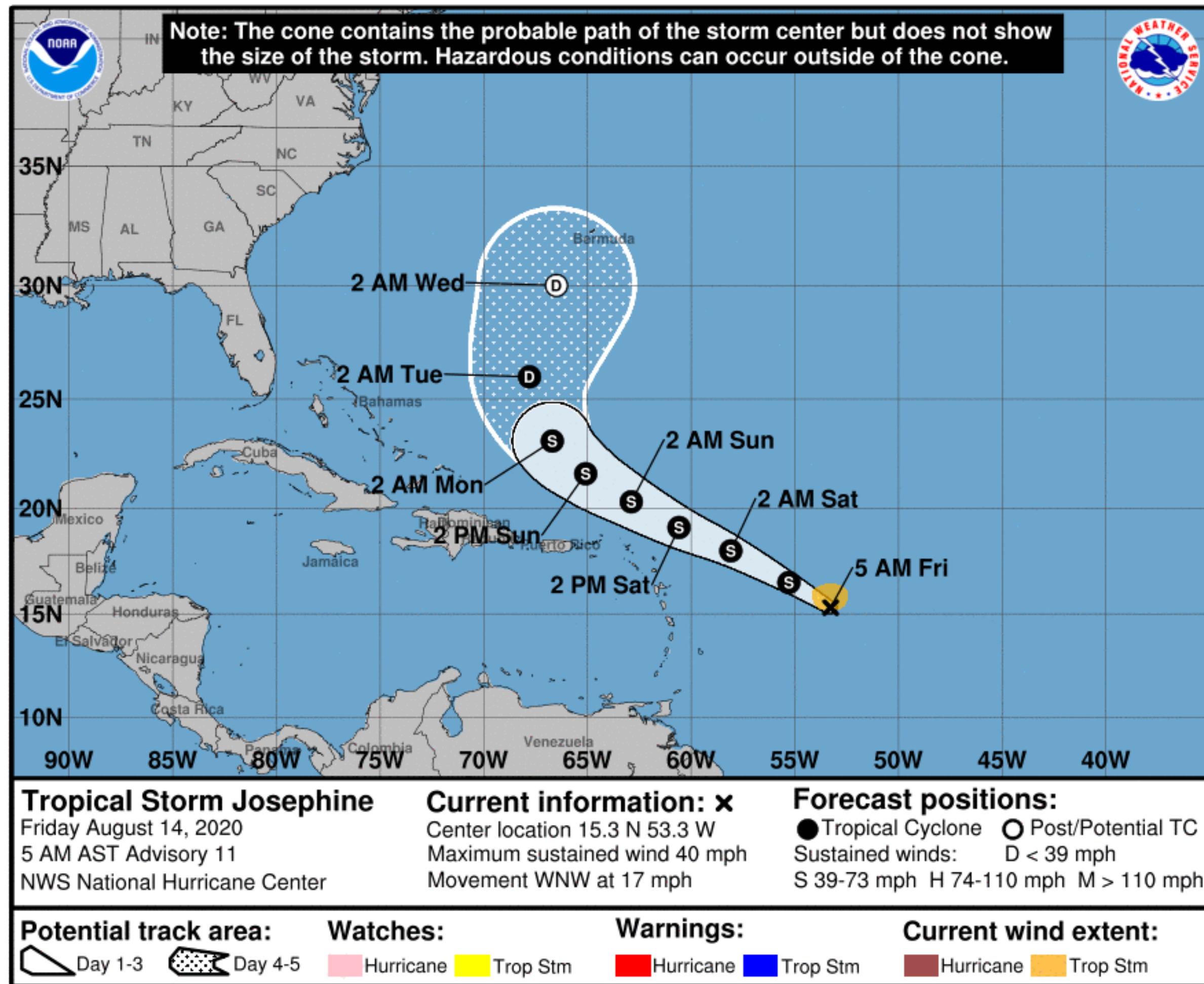


Forecast Information

Tropical Storm Josephine



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

- **Josephine will continue towards the west-northwest for the next three days, then turn towards the north-northeast**
- **System expected to gain some strength within the next 24 hours**
- **However, it is not anticipated to become a hurricane and is forecast to weaken to a depression by day 4**
- Current center forecast positions through the next 5 days illustrated by dots
- White swath of potential track is average track error added to each side of the forecast track through day 3
- Hatched swath of potential track is average track error added to each side of the forecast track days 4-5

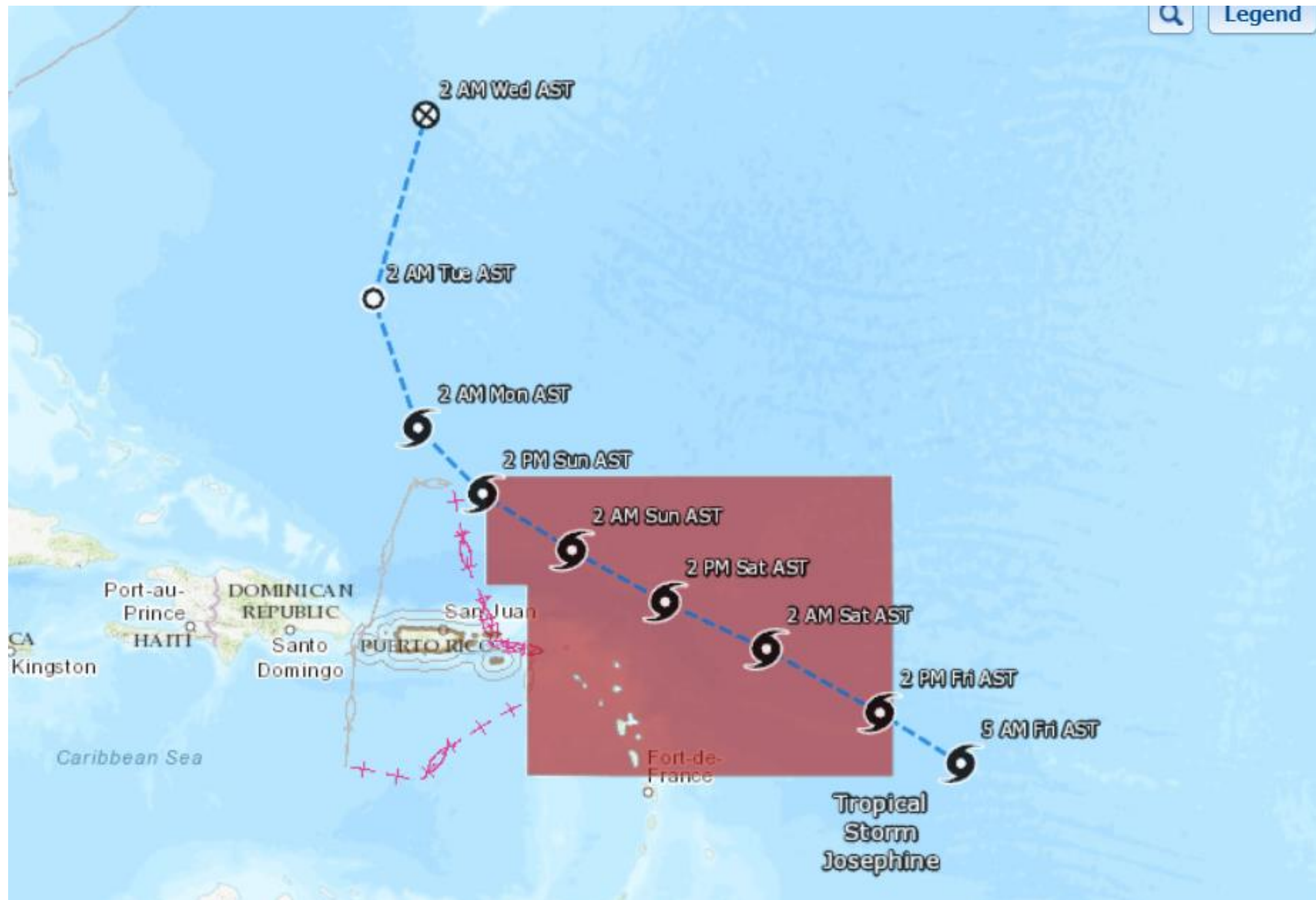
** Swaths are calculated using average track errors and actual track may be well inside, or possibly outside the potential track areas indicated.

Hazards Map

Tropical Storm Josephine



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■ <https://nowcoast.noaa.gov/>

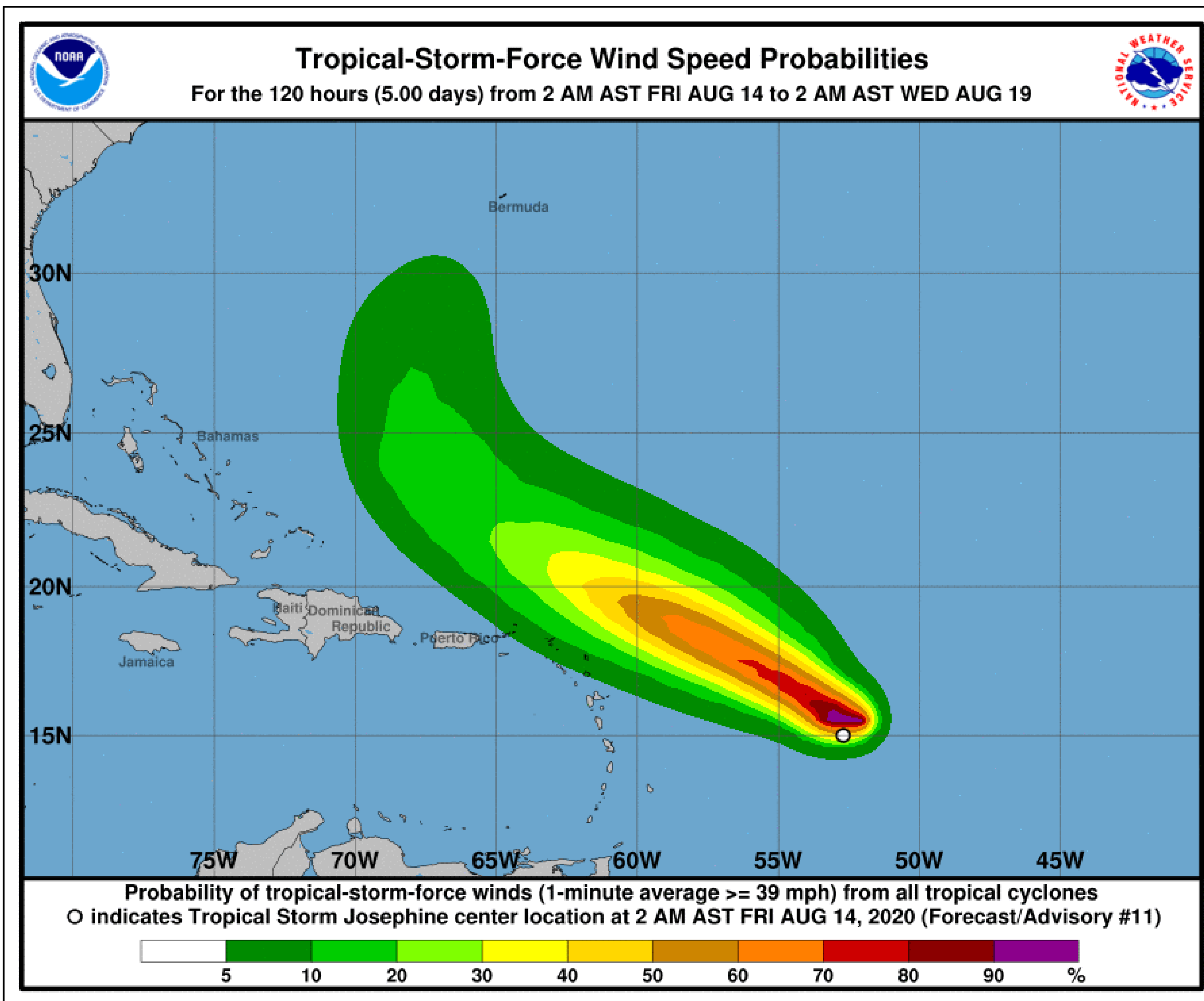
■ Tropical Storm Warning

T.S. Wind Speed Probabilities

Tropical Storm Josephine



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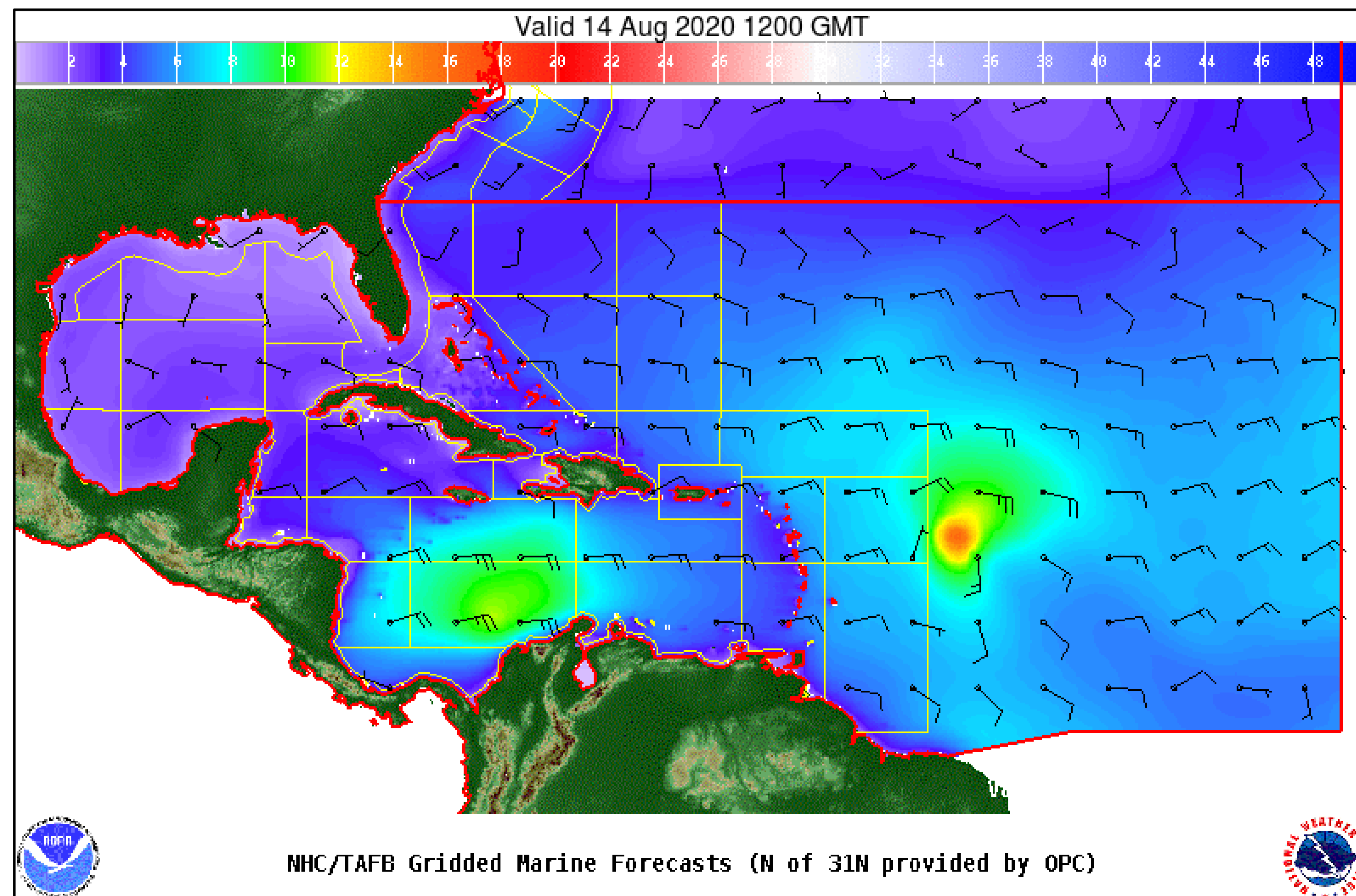
- **Saint Thomas - 3% Chance**
- Probabilities of sustained tropical storm force winds (34 kt to 63 kt) over the next 5 days, based off this cyclone's wind radii and track.
- Clear or dark green are the lowest chances of 0-30%.
- Yellow to orange is 31-70%
- Red through purple are the highest probabilities of 71%-100%
- See the color bar below the image for more details.

Wind And Waves

Tropical Storm Josephine



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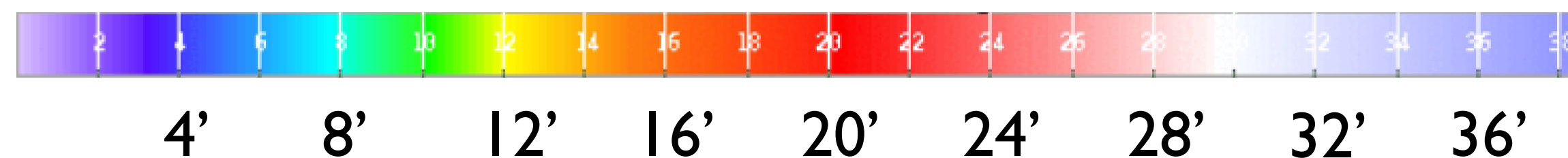


Current Conditions – Friday, 8am EDT, August 14th, 2020

Peak Winds: 35 kt

Peak Seas: 15 ft

- Wave heights are in feet

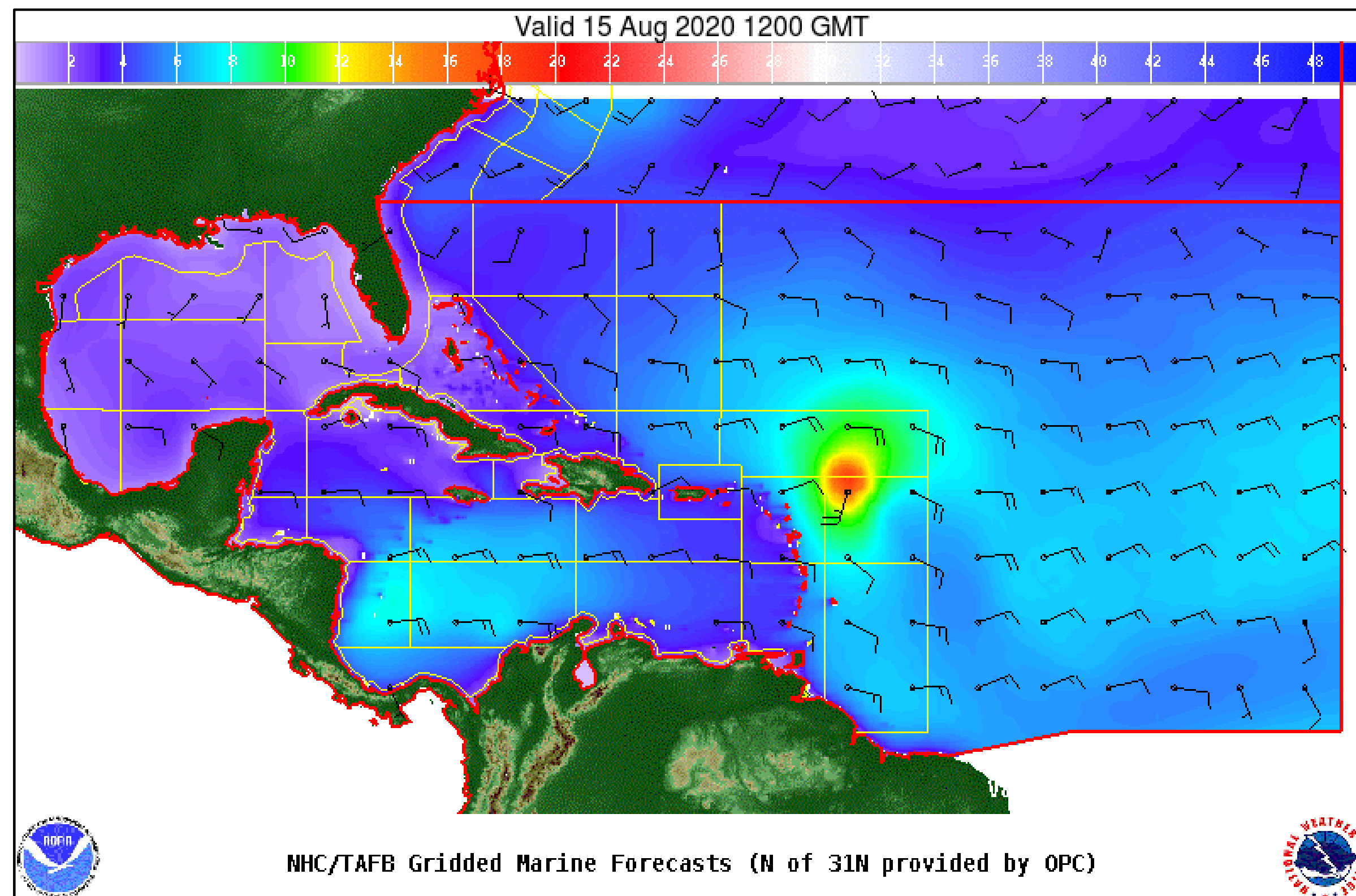


Wind And Waves

Tropical Storm Josephine



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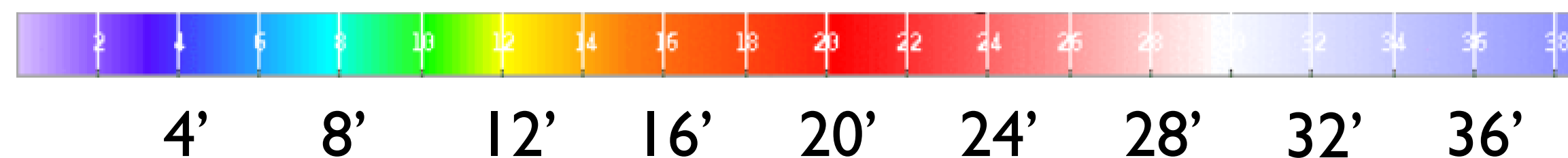


24 Hour Forecast 8am EDT, Saturday, August 15th, 2020

Peak Winds: 45 kt

Peak Seas: 20 ft

- Wave heights are in feet

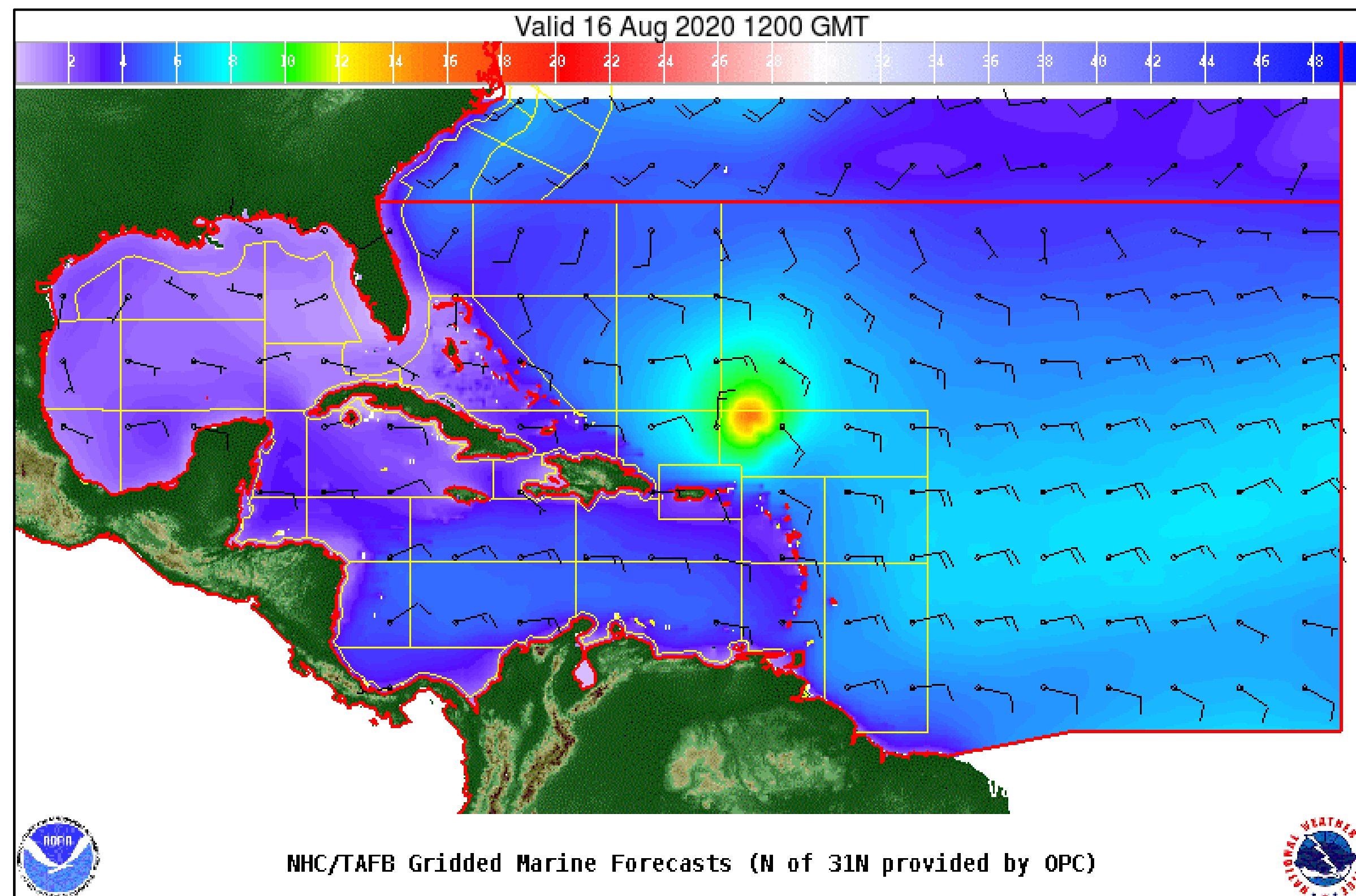


Wind And Waves

Tropical Storm Josephine



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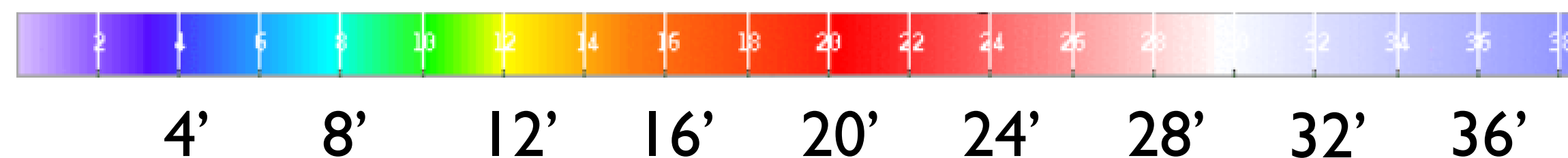
48 Hour Forecast

8:00 am EDT, Sunday, August 16th, 2020

Peak Winds: 40 kt

Peak Seas: 15 ft

- Wave heights are in feet

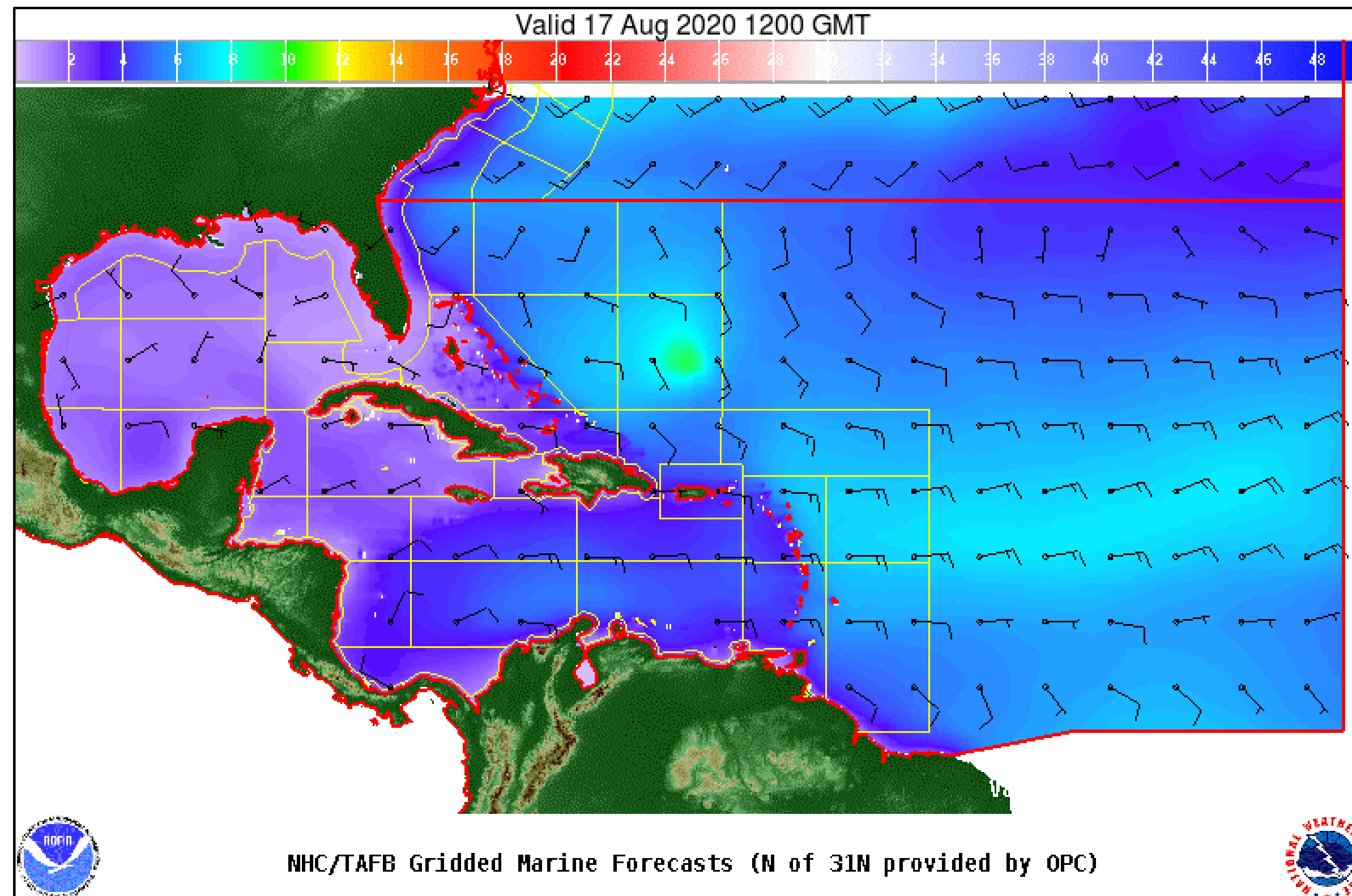


Wind And Waves

Tropical Storm Josephine



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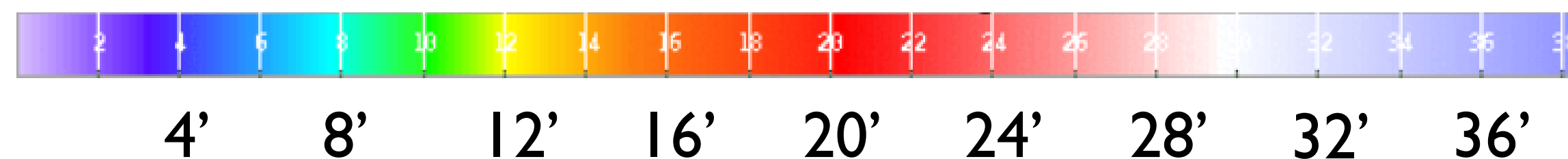
72 Hour Forecast

8:00 am EDT, Monday, August 17th, 2020

Peak Winds: 35 kt

Peak Seas: 12 ft

- Wave heights are in feet

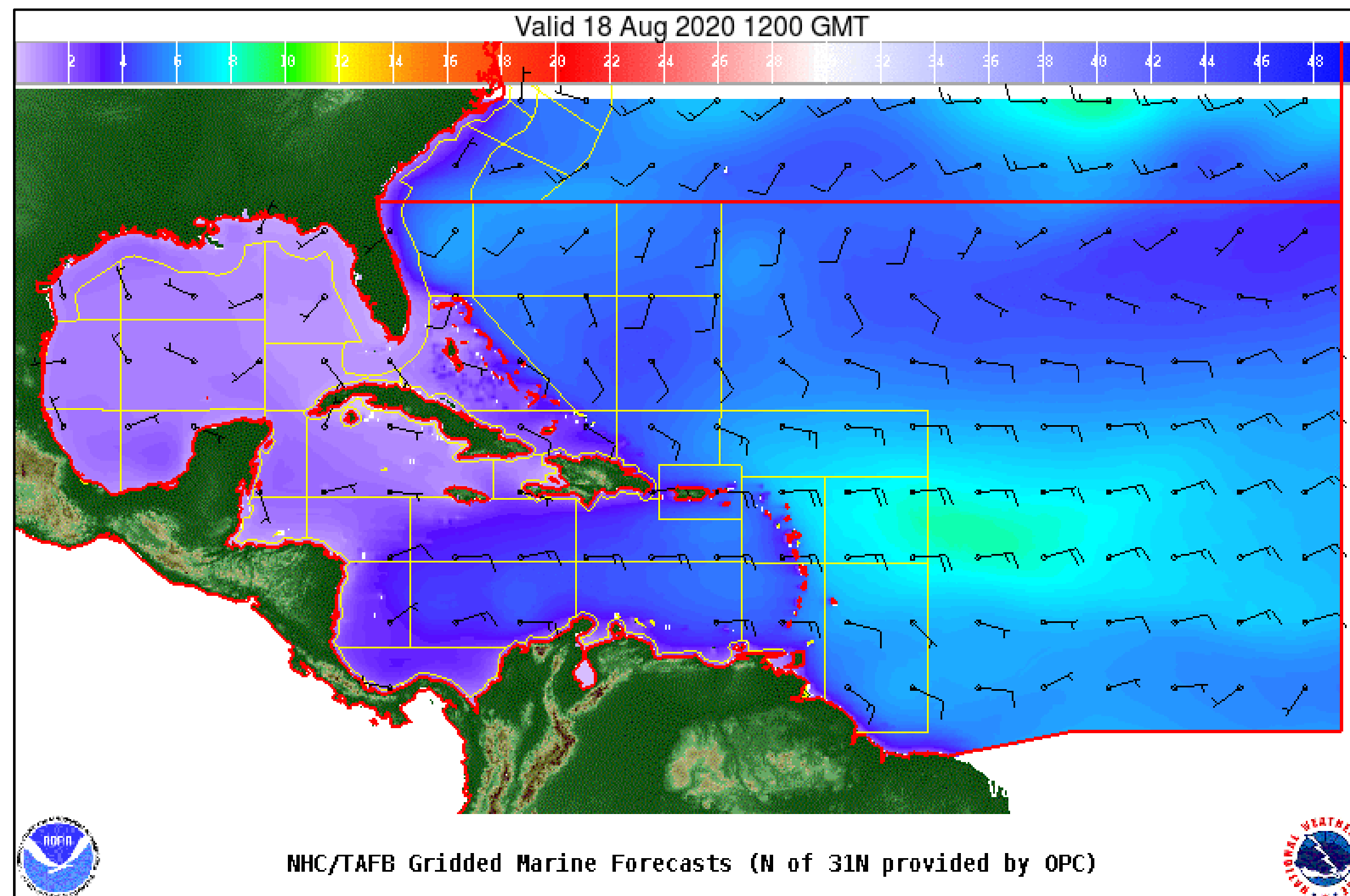


Wind And Waves

Tropical Storm Josephine



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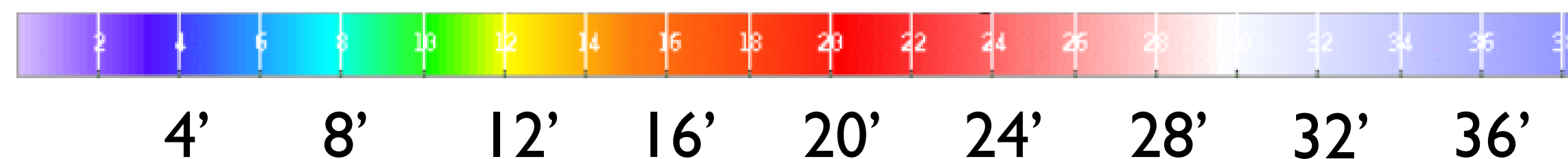
96 Hour Forecast

8:00 am EDT, Tuesday, August 18th, 2020

Peak Winds: 30 kt

Peak Seas: 10 ft

- Wave heights are in feet



Expected Storm Total Rainfall

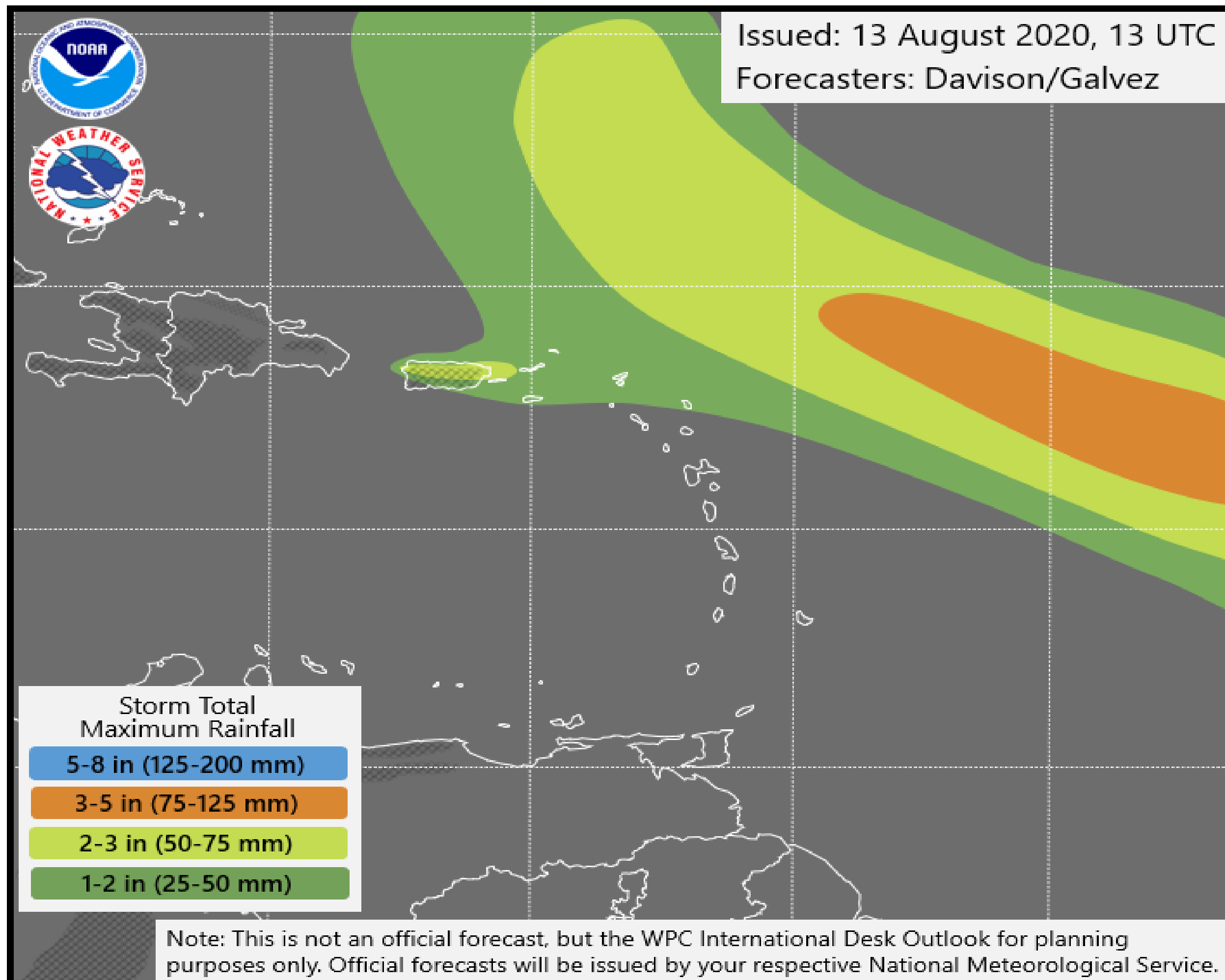
Tropical Storm Josephine

Tropical Depression Eleven Storm Total Rainfall Outlook
by the WPC International Desks

from 13 August 2020 12UTC through 18 August 2020 12UTC



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



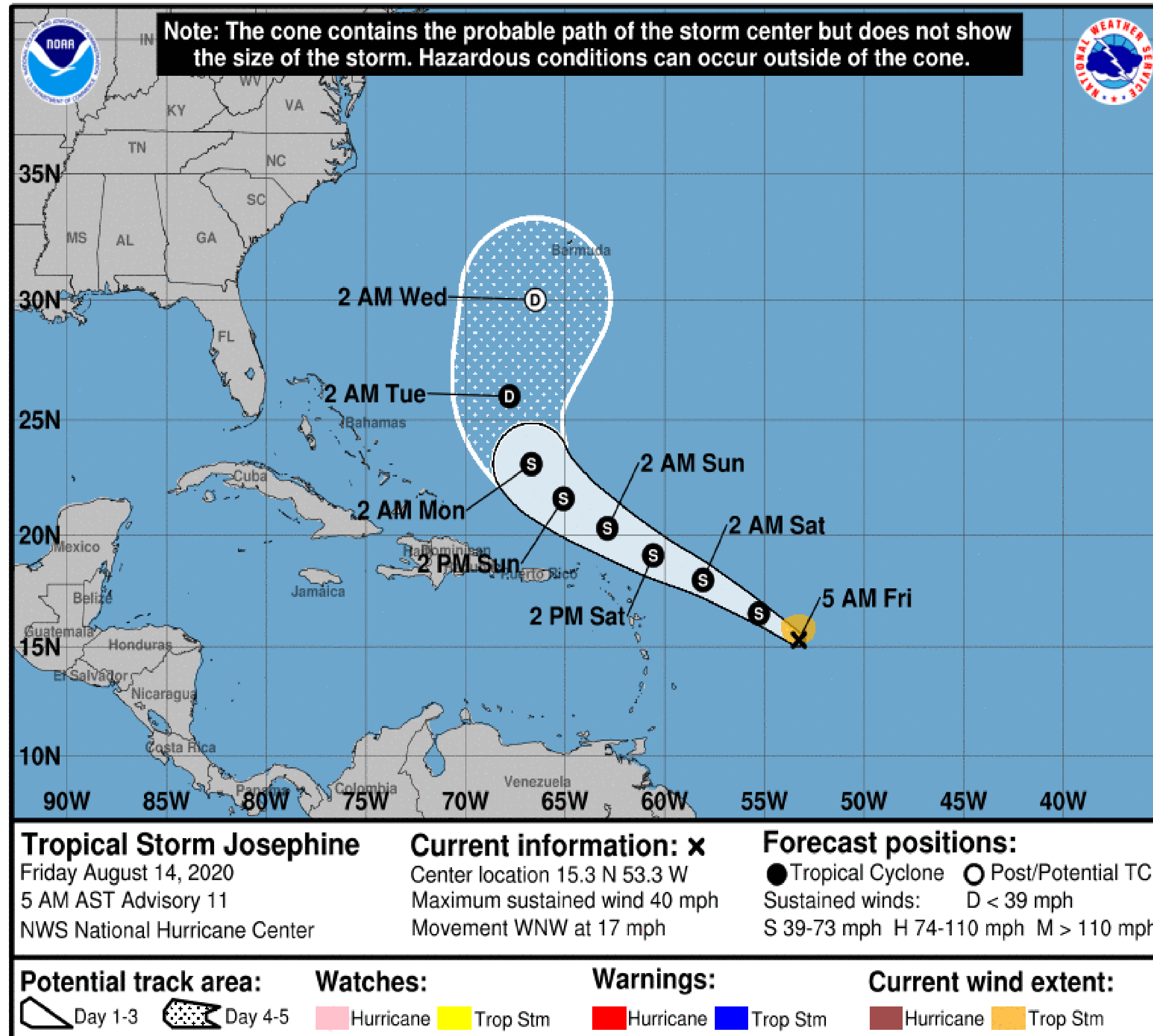
- Total rainfall in inches through Tuesday morning.
- **Current expectation for Puerto Rico and U.S. Virgin Islands is 2-3"**

Key Messages

Tropical Storm Josephine



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- **Low to no impact on winds and rainfall**
- **Josephine will continue towards the west-northwest for the next three days, then turn towards the north-northeast**
- **System expected to gain some strength within the next 24 hours**
- **However, it is not anticipated to become a hurricane and is forecast to weaken to a depression by day 4**

Marine Key Messages:

- Current peak seas 15 ft well east of the Leeward Islands
- Seas only slightly larger on Saturday then decreasing through Tuesday, well north of Puerto Rico and U.S. Virgin Islands



TROPICAL STORM JOSEPHINE BRIEFING

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

*The Next Briefing Will Be:
Saturday 8:15 AM EDT*

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



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