

IMPACTS FOR D7 (through next 5 days)

Winds – Moderate

Storm Surge – Low

Rainfall/Flash Flooding – Moderate

Tornadoes – None

Waves - High

HURRICANE ELSA BRIEFING

4:00 PM EDT
Friday, July 2, 2021

Prepared by:

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*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*



NHC_TAFB

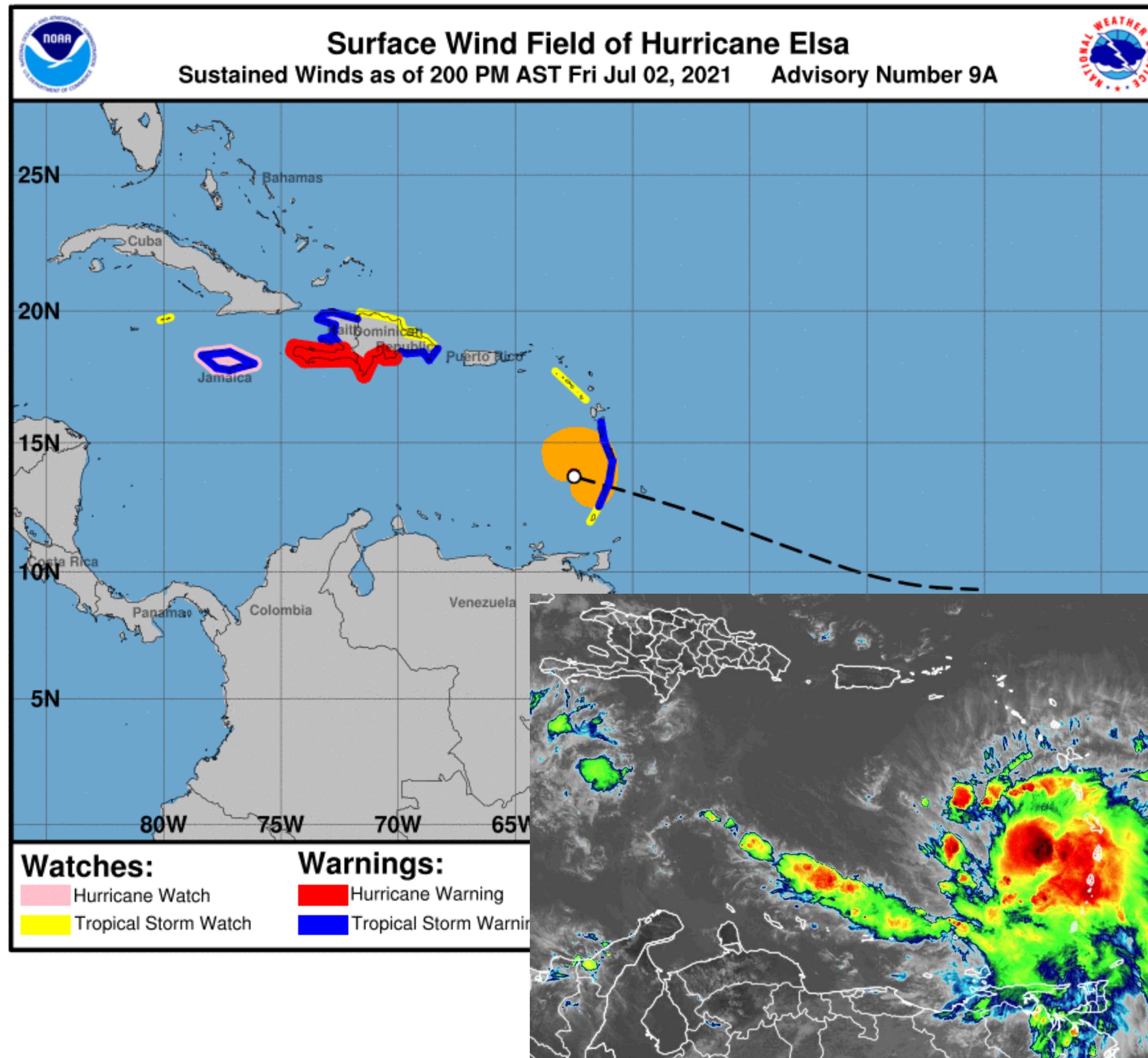
www.nhc.noaa.gov

Situation Overview

Hurricane Elsa



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



**...ELSA STRENGTHENS MORE AS IT MOVES
INTO THE EASTERN CARIBBEAN SEA...**

SUMMARY OF 200 PM EDT INFORMATION

LOCATION...13.7N 62.5W
ABOUT 80 NM WNW OF ST.VINCENT
ABOUT 500 NM ESE OF SANTO DOMINGO
DOMINICAN REPUBLIC
MAXIMUM SUSTAINED WINDS...75 KT
PRESENT MOVEMENT...WNW AT 25 KT

SIZE

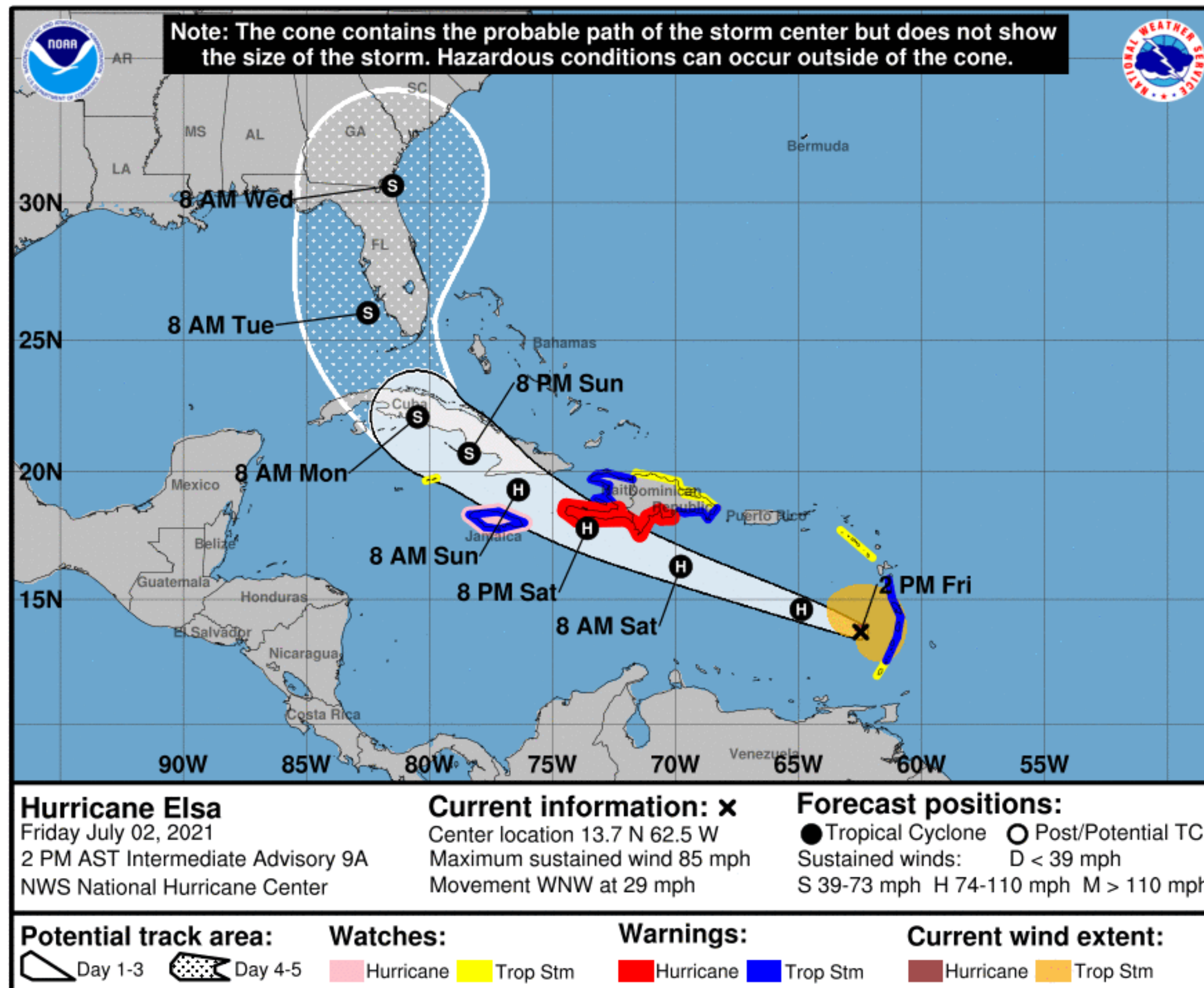
64 KT..... 20NE 0SE 0SW 20NW.
50 KT..... 40NE 0SE 0SW 30NW.
34 KT..... 120NE 100SE 0SW 110NW.
12 FT SEAS...240NE 150SE 30SW 120NW.
PEAK SEAS 18 FT

Forecast Information

Hurricane Elsa



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

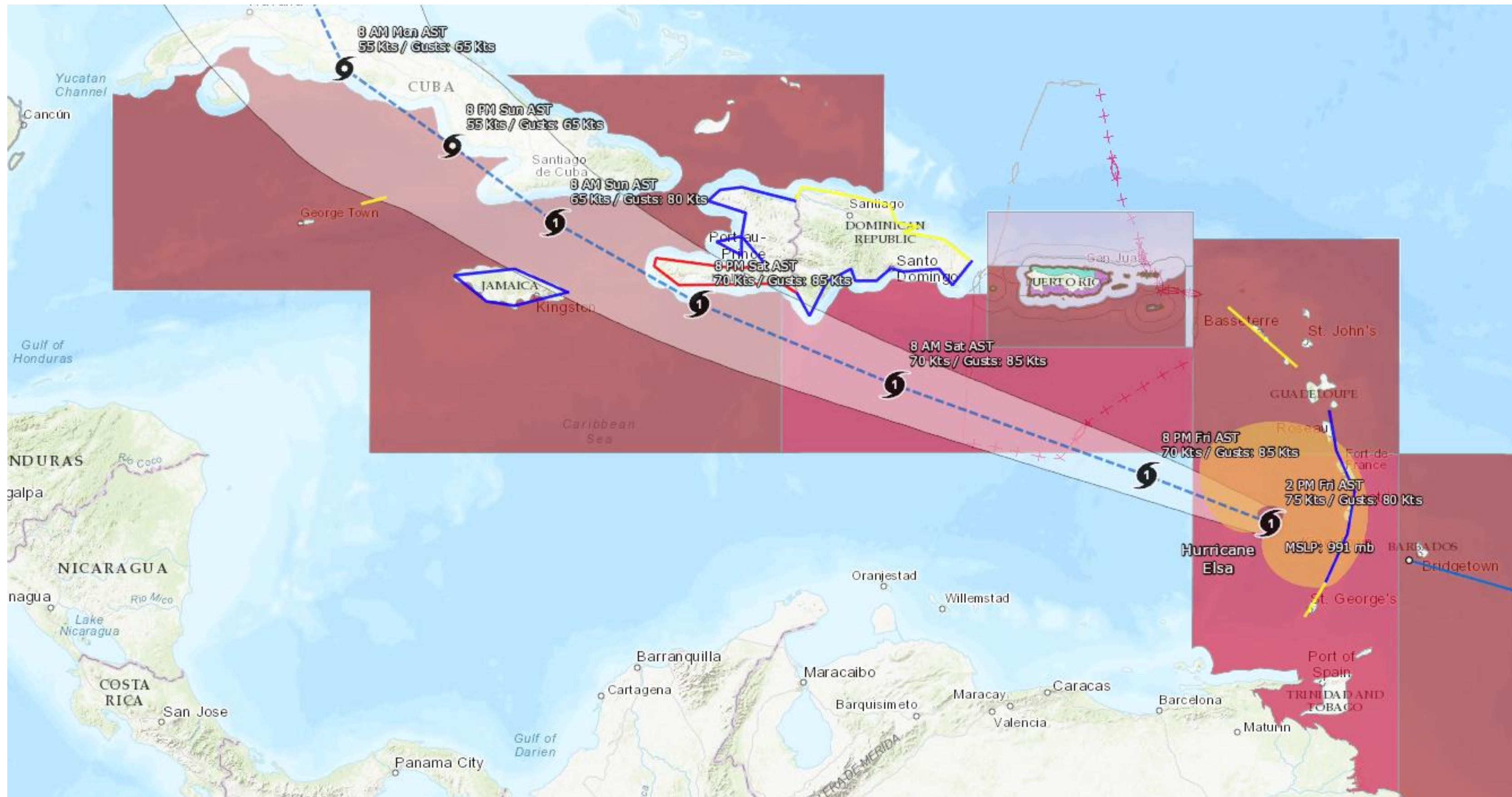
- Elsa is expected to quickly move WNW to near southern Haiti on Sat evening
- Elsa will remain a hurricane through the next 36 hours and begin to weaken as it moves over the Greater Antilles and into unfavorable conditions
- Uncertainty in both the track and intensity remains beyond Saturday
- Current center forecast positions through the next 5 days (if applicable) illustrated by dots
- White swath of potential track is probable track of the center based on NHC's historical track forecast error
- Hatched swath of potential track is average track error added to each side of the forecast track days 4-5

Hazards Map

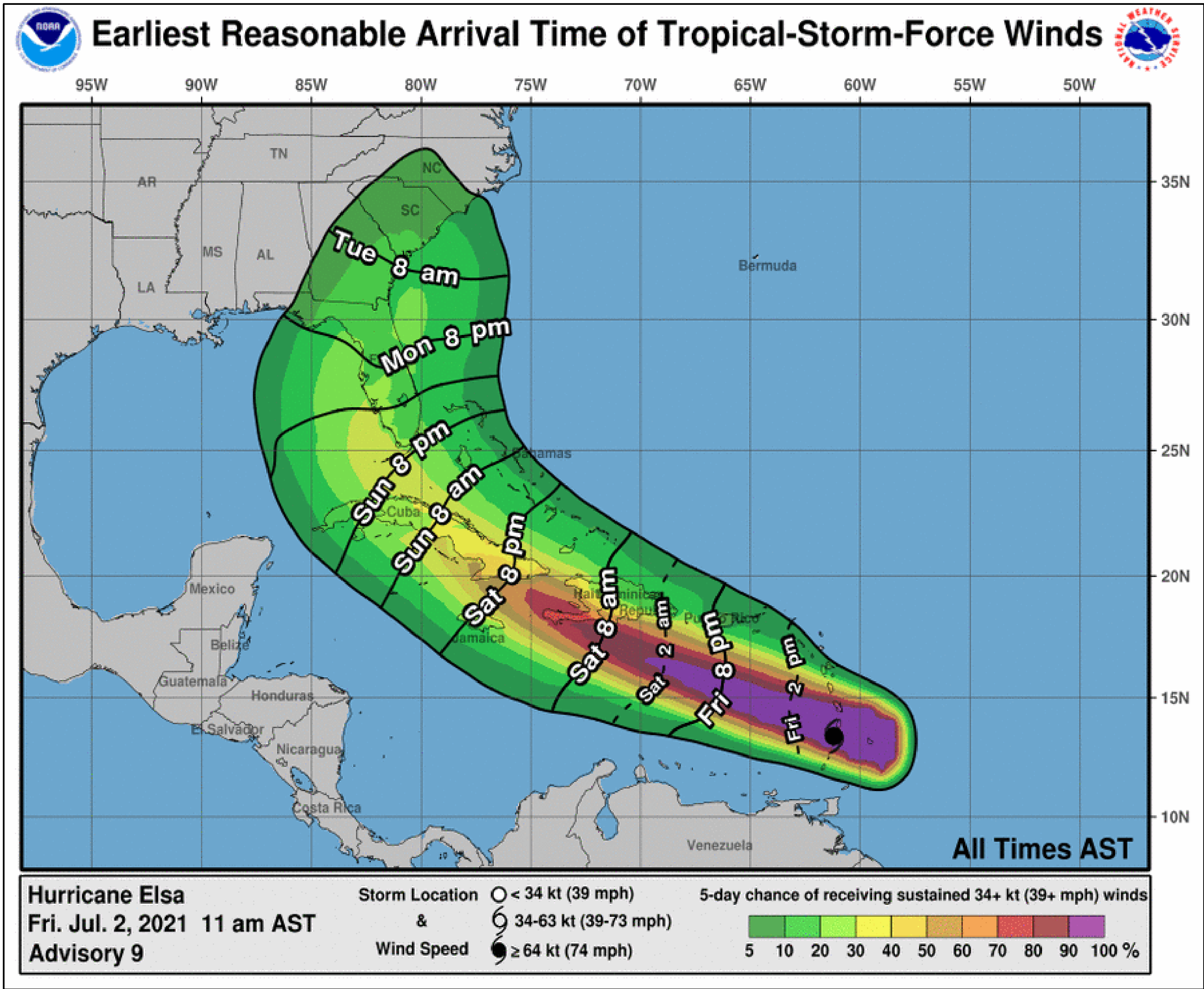
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<https://nowcoast.noaa.gov/>



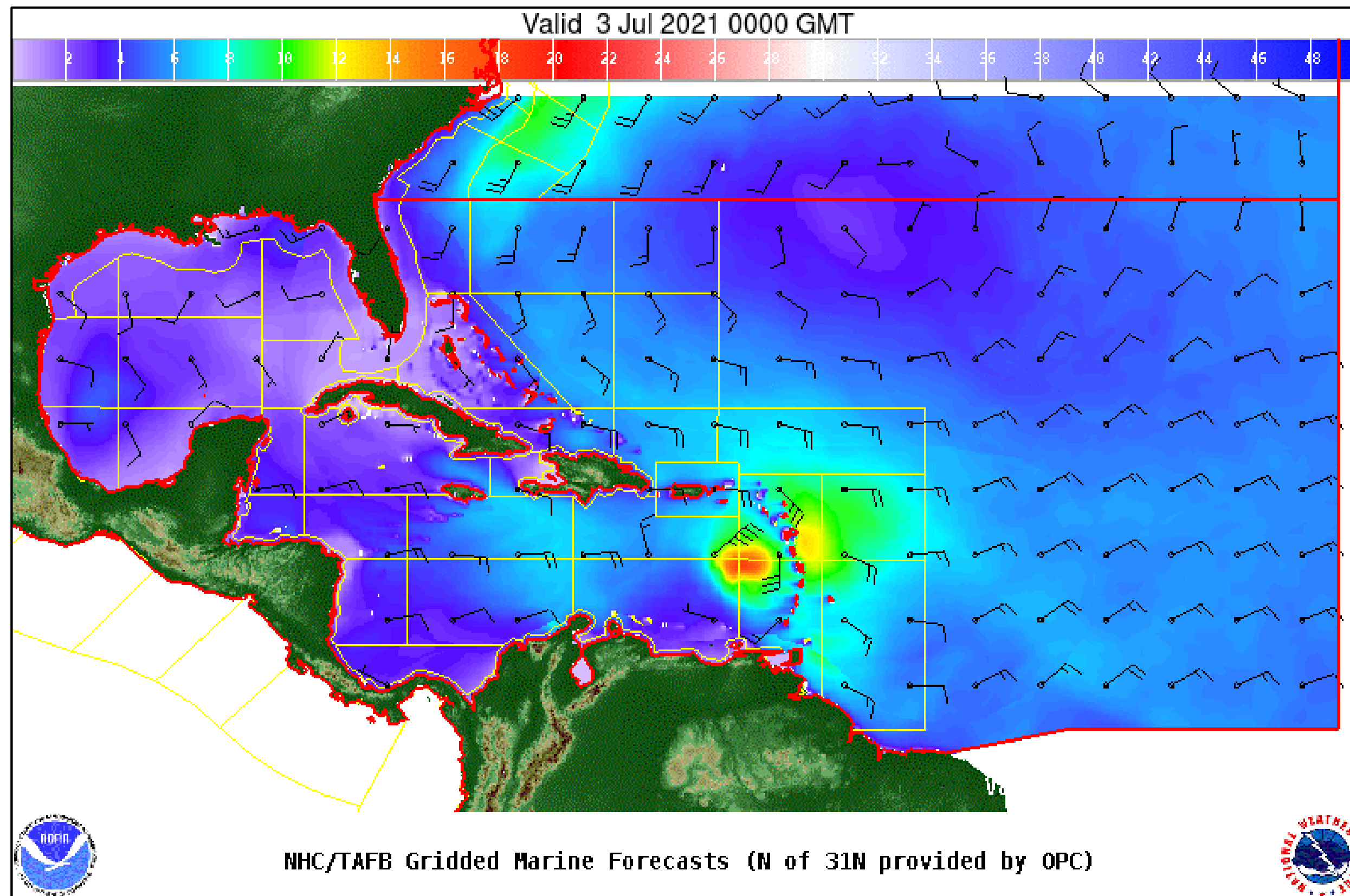
- AGUADILLA PR 15%
 - VIEQUES PR 10%
 - SAINT THOMAS 10%
 - SAINT CROIX 10%
 - SAVANNAH GA 10%
 - JACKSONVILLE 20%
 - DAYTONA BEACH 20%
 - COCOA BEACH FL 20%
 - PATRICK AFB 20%
 - W PALM BEACH 20%
 - FT LAUDERDALE 20%
 - **MIAMI FL 15%**
 - HOMESTEAD ARB 15%
 - **KEY WEST FL 40%**
 - NAPLES FL 30%
 - VENICE FL 30%
 - **TAMPA FL 30%**
 - CEDAR KEY FL 25%
 - TALLAHASSEE FL 10%
 - APALACHICOLA 15%
 - PANAMA CITY FL 10%
- The earliest reasonable time of arrival of Tropical Storm Force Winds (34kt to 63 kt) for this cyclone based off the current track and wind radii.
 - 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

Hurricane Elsa



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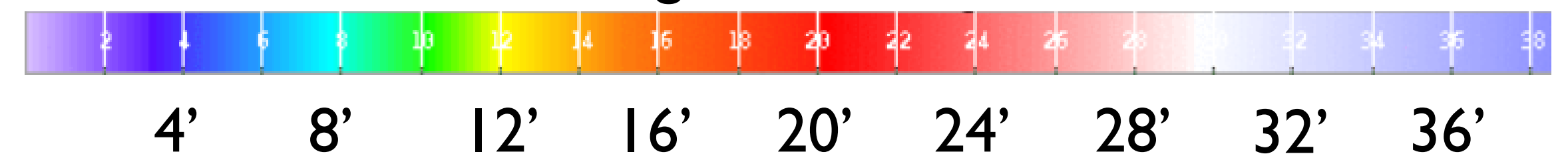
Current Conditions

4pm EDT, Friday, July 2

Peak Winds: 75 kt

Peak Seas: 20 ft

■ Wave heights are in feet

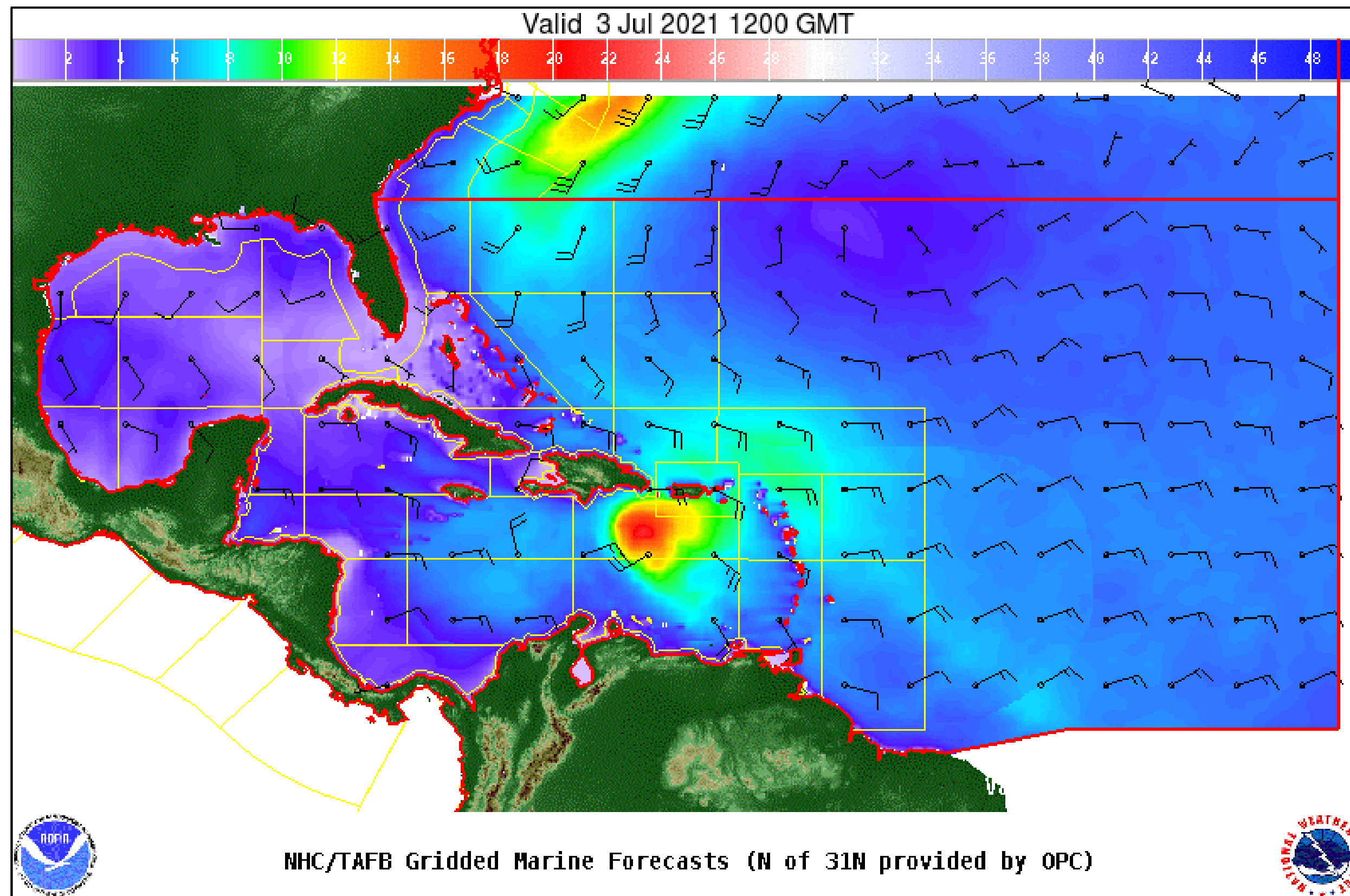


Wind And Waves

Hurricane Elsa



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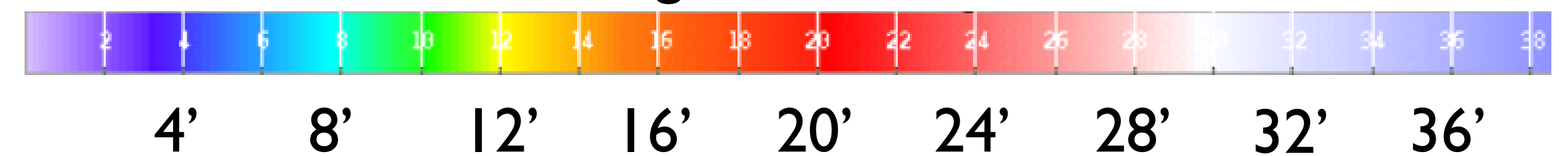


8am EDT, Saturday, July 3

Peak Winds: 70 kt

Peak Seas: 27 ft

■ Wave heights are in feet

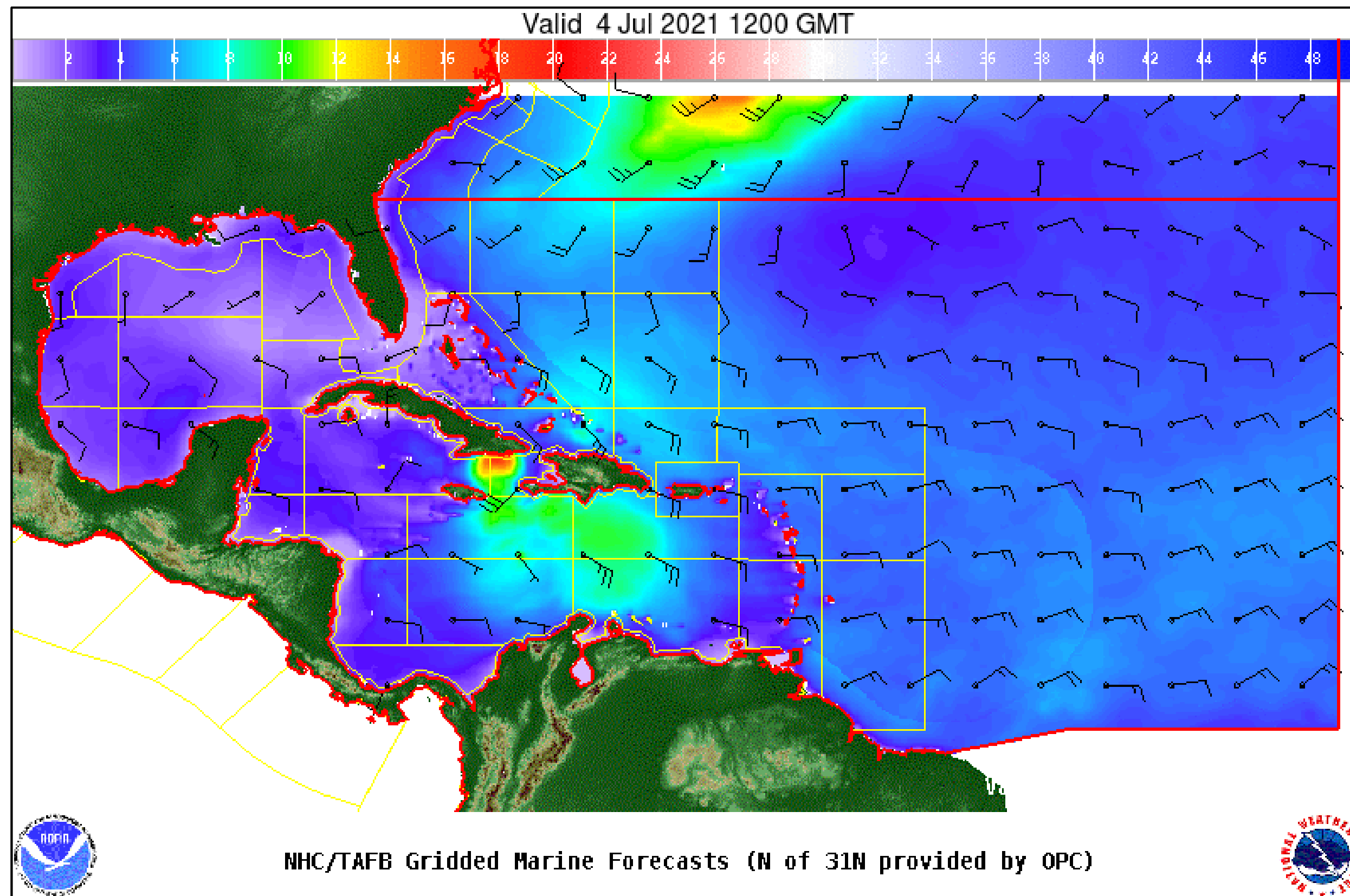


Wind And Waves

Hurricane Elsa



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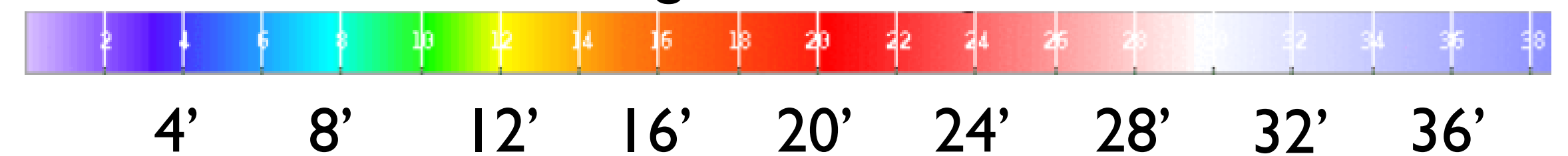


8am EDT, Sunday, July 4

Peak Winds: 65 kt

Peak Seas: 19 ft

■ Wave heights are in feet

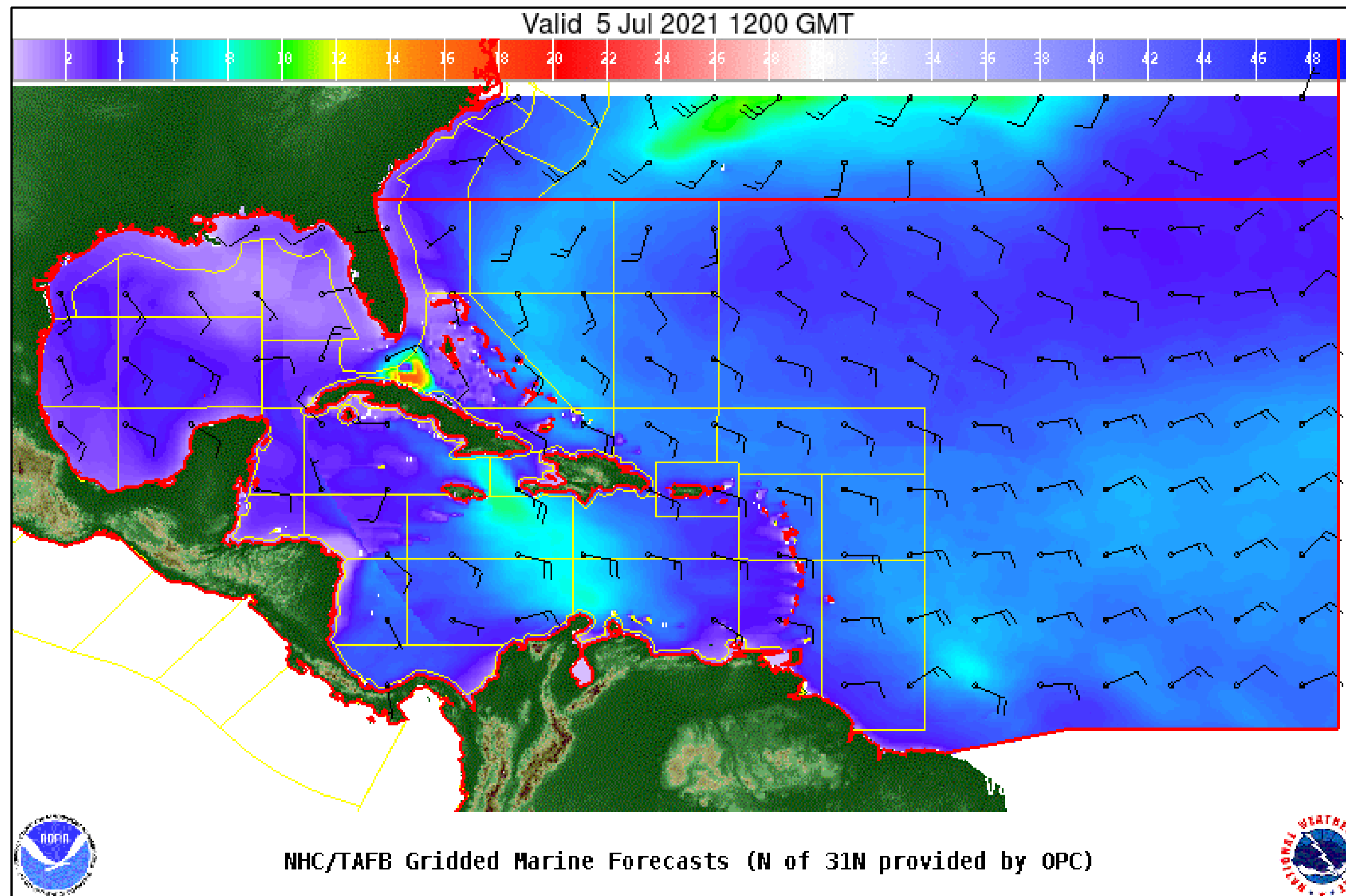


Wind And Waves

Hurricane Elsa



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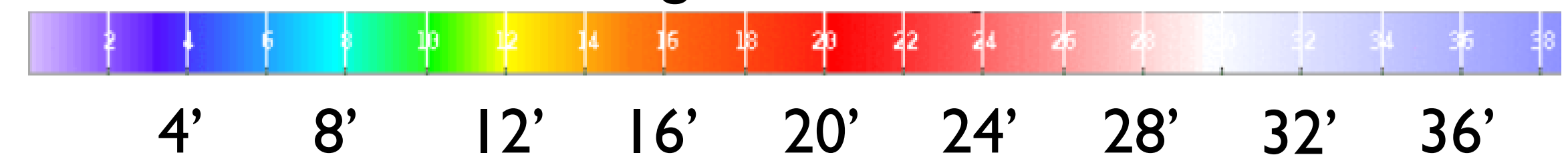


8am EDT, Monday, July 5

Peak Winds: 55 kt

Peak Seas: 20 ft

■ Wave heights are in feet



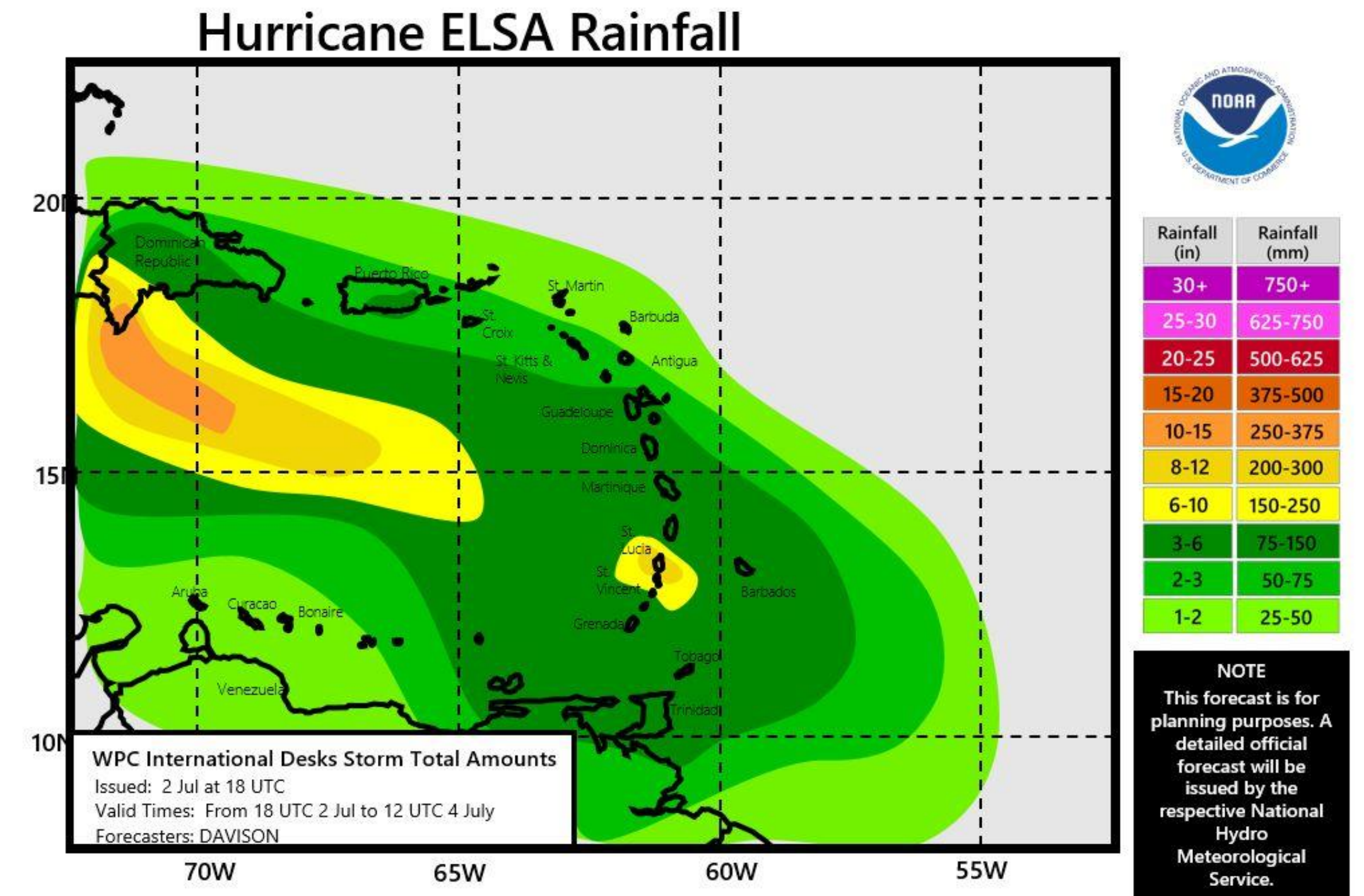
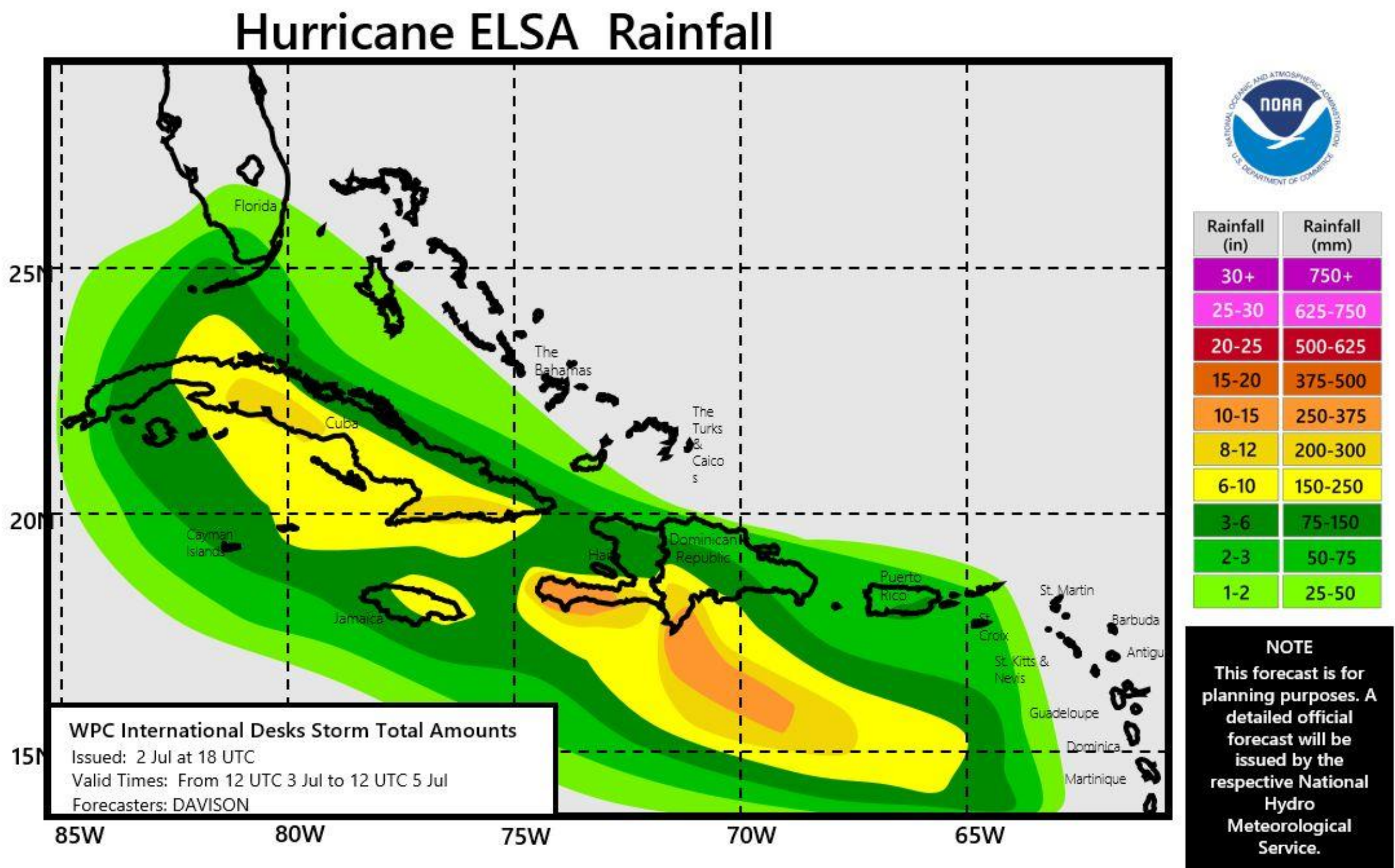
Expected Storm Total Rainfall and Chance of Rainfall Flooding



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Hurricane Elsa

Images from NWS Weather Prediction Center



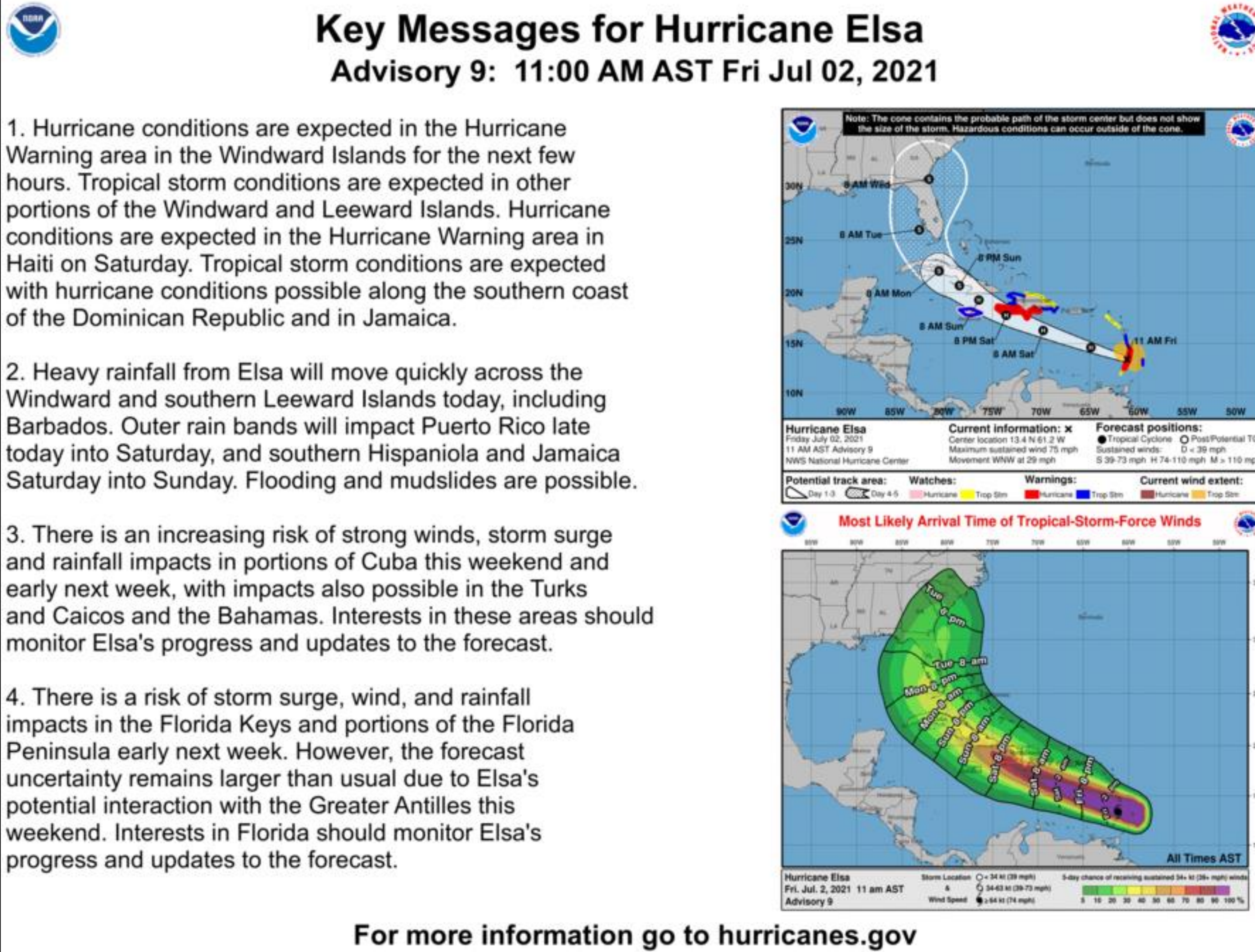
- Elsa is expected to produce rainfall totals of 4 to 8 inches with maximum amounts of 15 inches today across the Windward and southern Leeward Islands, including Barbados. This rain may lead to isolated flash flooding and mudslides.
- Over Puerto Rico, rainfall of 1 to 3 inches with localized amounts of 5 inches is expected late today into Saturday. This rain may lead to isolated flash flooding and minor river flooding, along with the potential for mudslides.
- Across portions of southern Hispaniola and Jamaica, rainfall of 4 to 8 inches with isolated maximum amounts of 15 inches is possible Saturday into Sunday. This rain may lead to scattered flash flooding and mudslides.

Key Messages

Hurricane Elsa



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NWS National Hurricane Center





HURRICANE ELSA BRIEFING

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

*The Next Briefing Will Be:
Saturday, 9:00 AM EDT*

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



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