

IMPACTS FOR D7 (through next 5 days)

Winds – High

Storm Surge – High

Rainfall/Flash Flooding – High

Tornadoes – Low

Waves - High

Hurricane Camila BRIEFING

9:00 AM EDT

Monday, July 26, 2021

Prepared by:

Andrew Hagen

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*

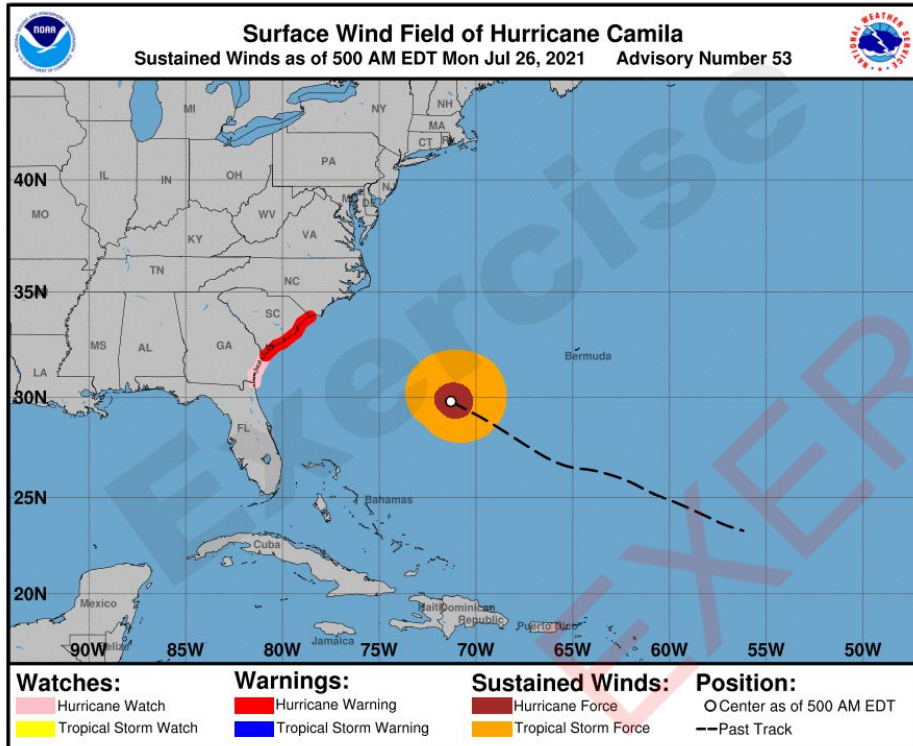


Situation Overview

Hurricane Camila



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



...Hurricane and Storm Surge Warnings
Issued for South Carolina Coast...
...Hurricane and Storm Surge Watches
Issued for Georgia Coast...

Summary of 500 AM EDT Information

Location...29.8N 71.3W
About... 475 nm ESE of Charleston, SC
About... 525 nm ESE of Savannah, GA
Maximum Sustained Winds...105 kt
Present Movement...NW at 12 kt

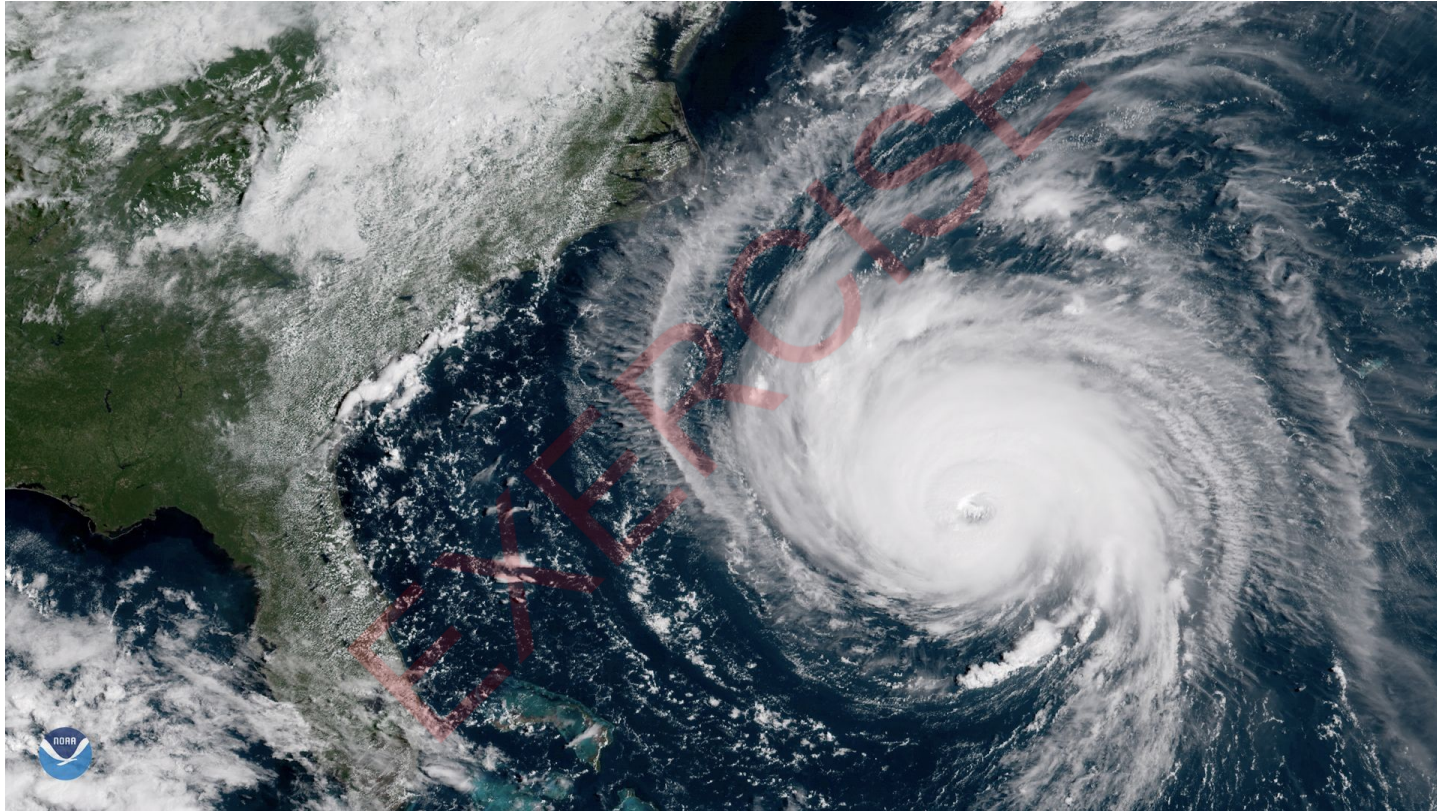
Size
34 kt...160 NE 140 SE 100 SW 140 NW
Seas to 30 ft

Current Satellite View

Hurricane Camila



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

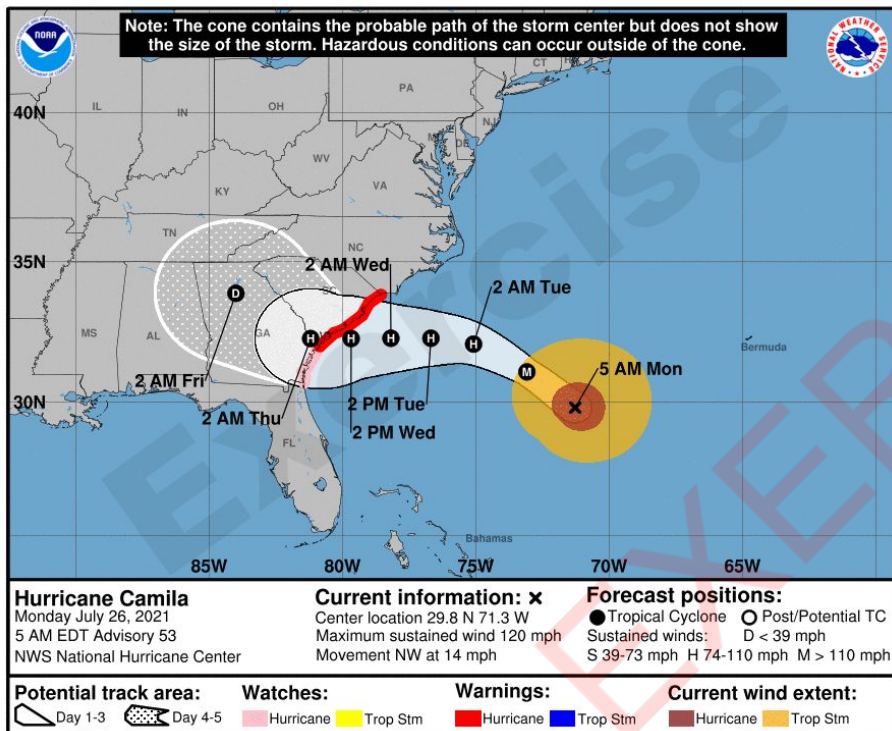


Forecast Information

Hurricane Camila



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



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

- **Hurricane and Storm Surge Warnings are in effect for the coast of South Carolina**
- **Hurricane and Storm Surge Watches are in effect for the coast of Georgia**
- **Flooding rainfall is becoming an increasing threat due to the slow forward speed of Camila**
- **Although weakening is forecast prior to landfall, Camila is expected to be a dangerous hurricane**

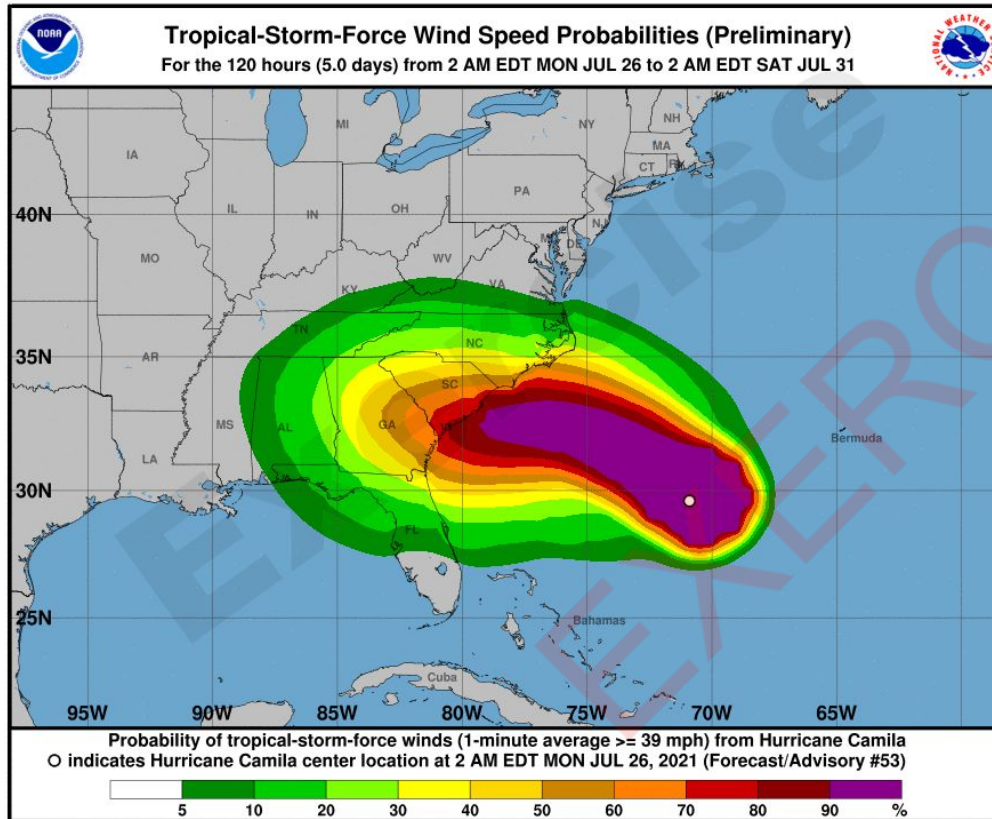
- Center forecast positions illustrated by dots
- White swath is potential track error through day 3
- Hatched swath is potential error on day 4

** Swaths are designed so the actual track will occur inside the cone two-thirds of the time. One-third of the time, the center will track outside the cone.

Hurricane Camila



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



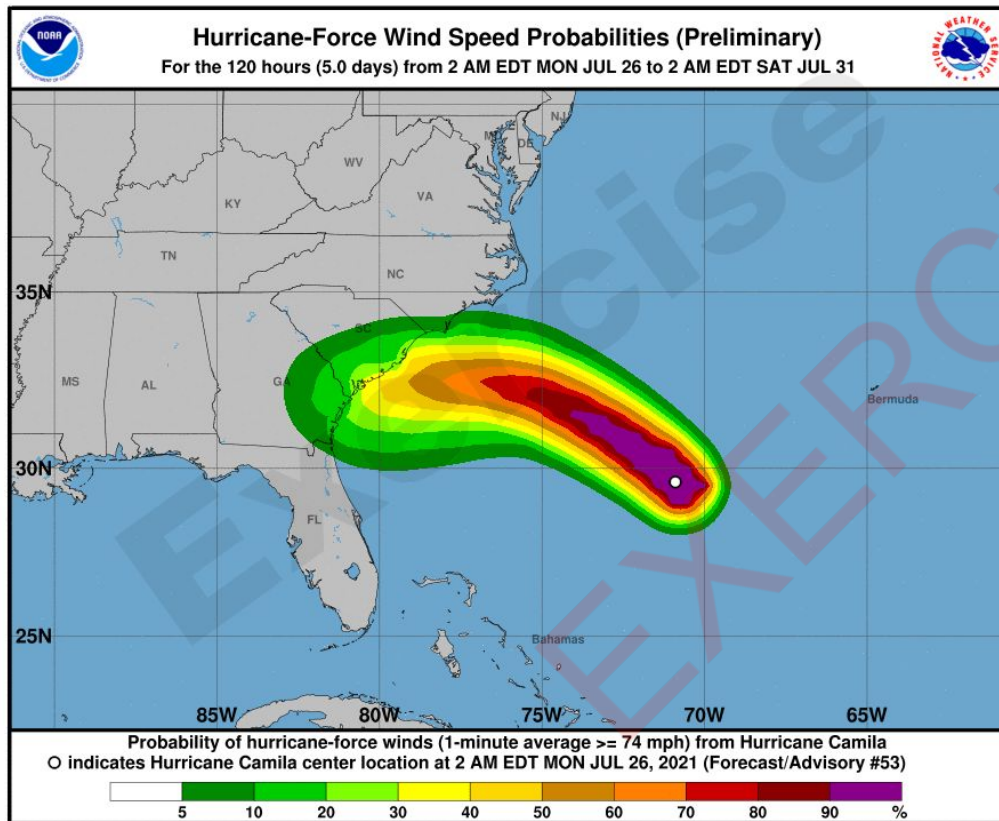
- Charleston: 80%
- Savannah: 70%
- Probabilities of sustained tropical storm force winds (34 kt to 63 kt) over the next 5 days, based off this cyclone's wind radii and track.

Hurricane Wind Speed Probabilities

Hurricane Camila



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



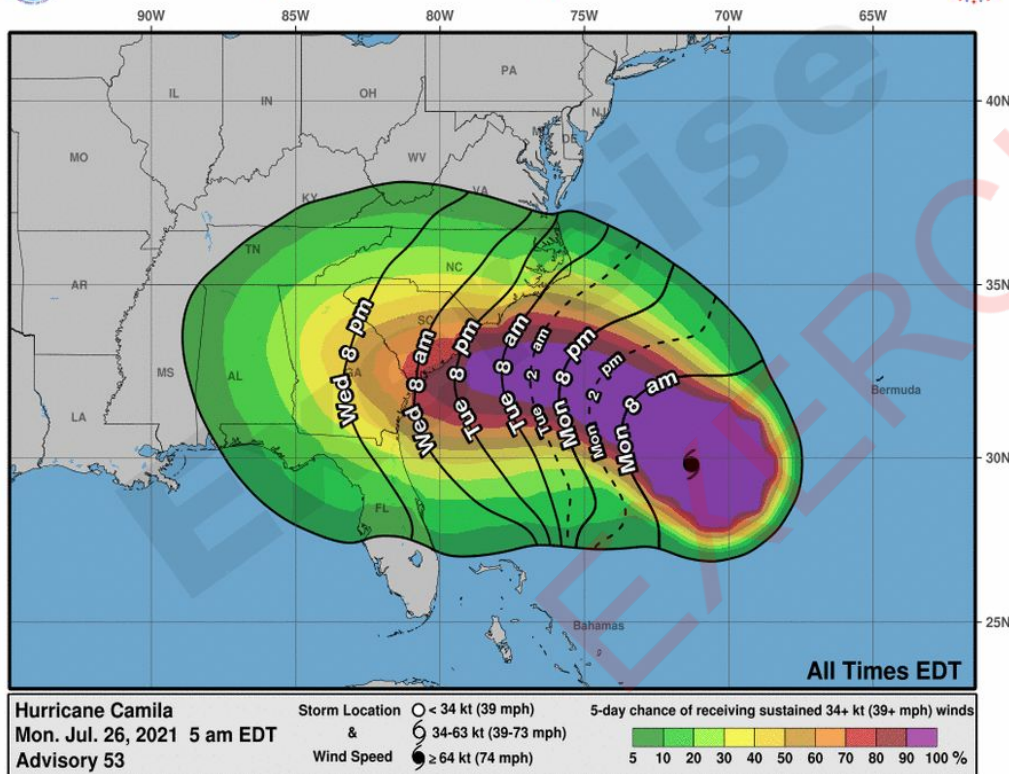
- Charleston: 20-30%
- Savannah: 15-20%
- Probabilities of sustained hurricane force winds (64 kt +) over the next 5 days, based off this cyclone's wind radii and track.



Hurricane Camila



Most Likely Arrival Time of Tropical-Storm-Force Winds



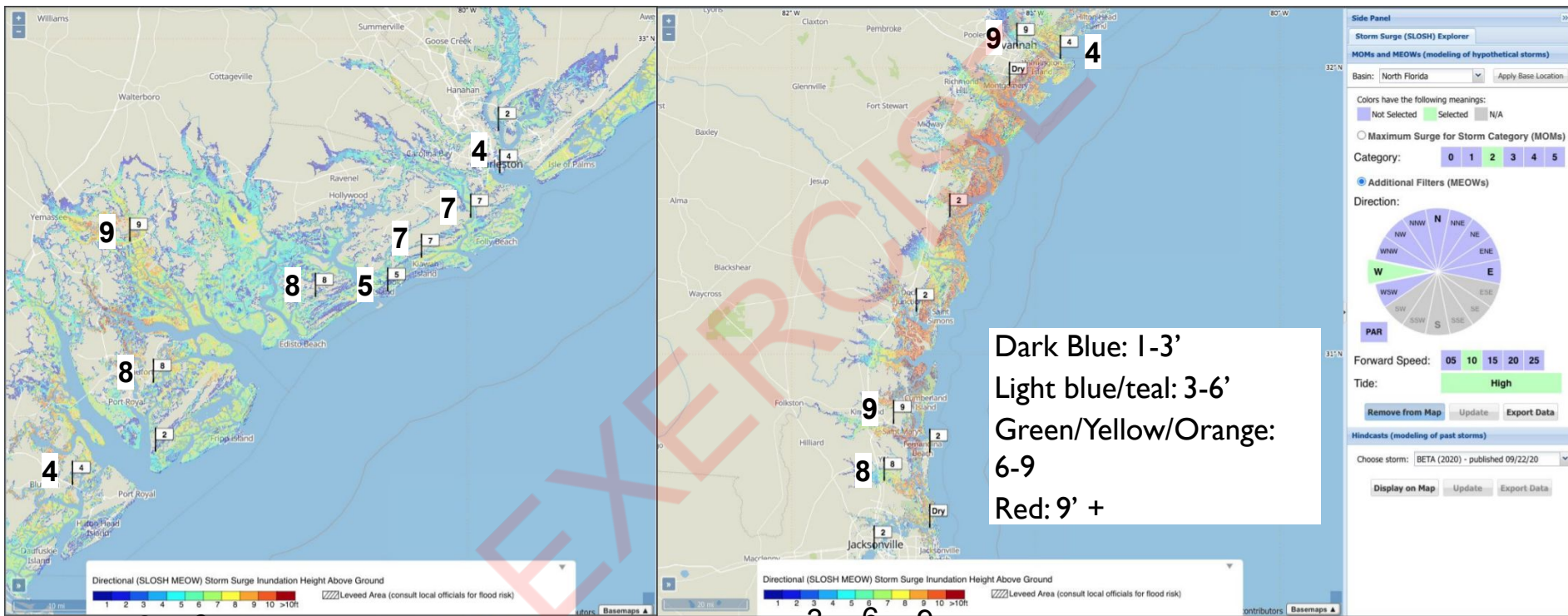
- **Charleston: Tuesday night**
- **Savannah: Wednesday morning**
- The most likely time of arrival of Tropical Storm Force Winds (34 kt to 63 kt) for this cyclone based off the current track and wind radii.

Storm Surge

Hurricane Camila



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



SLOSH MEOW for a Cat 2 moving W at 5-10 mph at high tide - AGL

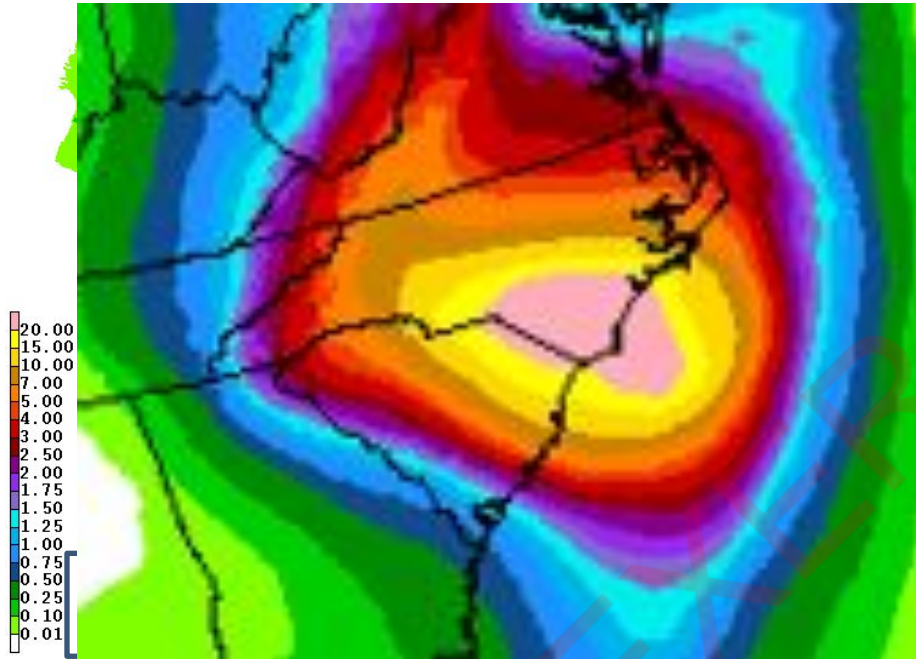
- Storm surge is represented in feet above the ground at any given point.

Expected Storm Total Rainfall and Chance of Rainfall Flooding - Weather Prediction Center

Hurricane Camila



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



Day 3
(Wednesday)

- Total rainfall in inches over the next 5 days

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

HIGH: > 50% SLGT: 10%-20%
MDT: 20%-50% MRGL: 5%-10%

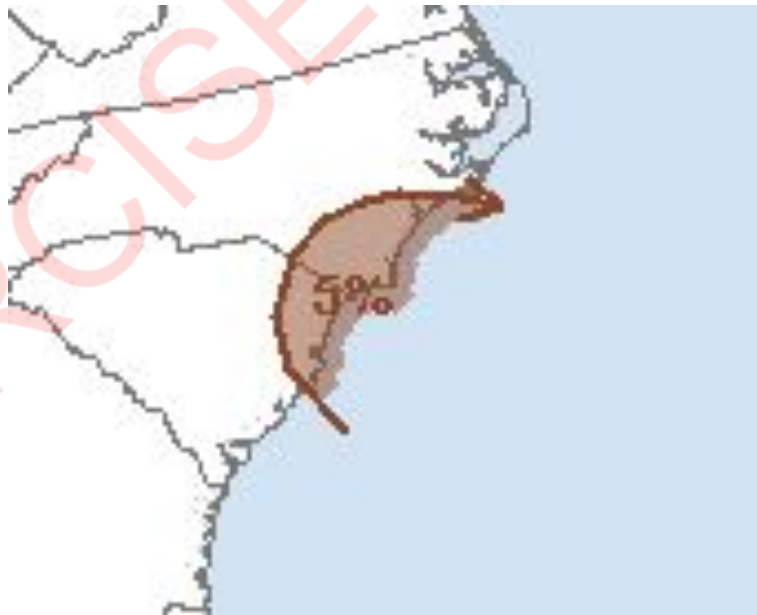
Refer to map legend for Valid Time

Tornado Potential - Storm Prediction Center

Hurricane Camila



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



Day 3 (Wednesday)

Marine Key Messages

Hurricane Camila



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

- Seas greater than 12 ft remain within about 300 nm from the center
- Waves reach as high as 30 ft
- Waves of 25-30 ft could impact coastal waters Tuesday into Wednesday
- Large waves and hazardous surf continue along the SE U.S. coast

IMPACTS FOR **D7** (through next 5 days)

Winds – High

Storm Surge – High

Rainfall/Flash Flooding – High

Tornadoes – Low

Waves - High

IMPACTS FOR D7 (through next 5 days)

Winds – High

Storm Surge – High

Rainfall/Flash Flooding – High

Tornadoes – Low

Waves - High

Tropical Storm Lisa BRIEFING



Prepared by:
Stephen Konarik
Tropical Analysis and Forecast Branch
NWS National Hurricane Center

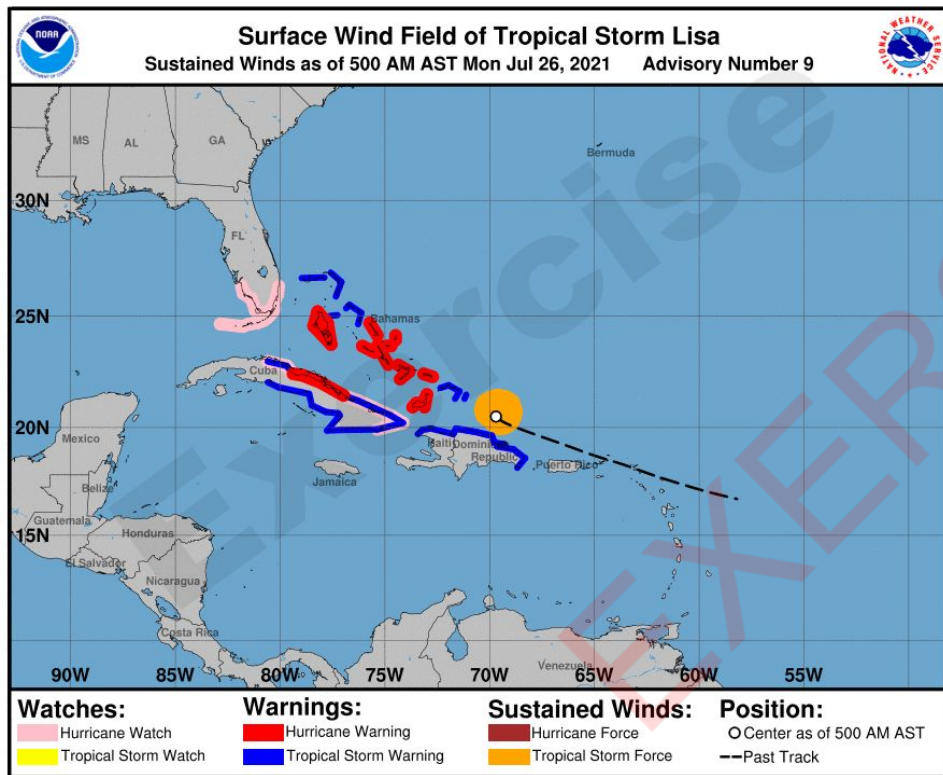


Situation Overview

Tropical Storm Lisa



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



...Strengthening Tropical Storm Lisa Approaching Turks and Caicos...

Summary of 500 AM EDT Information

Location... 20.5N 69.7W

About 80 nm... E of Puerto Plata, D.R.

About 670 nm... SE of Miami, FL

Maximum Sustained Winds... 45 kt

Present Movement... WNW at 14 kt

Size

34 kt..... 80NE 60SE 40SW 70NW.

12 ft seas.. 120NE 0SE 0SW 60NW.

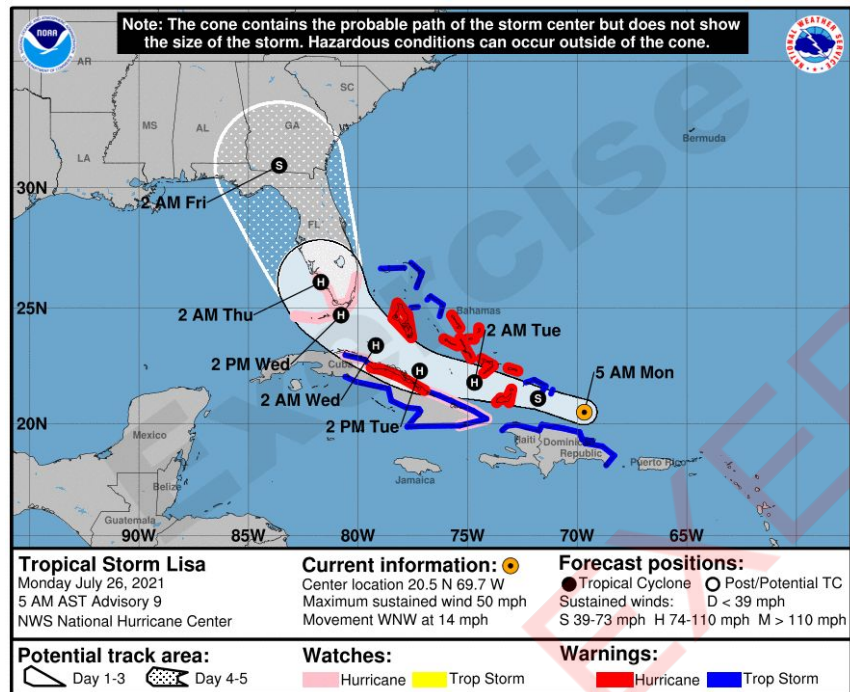
Seas to 18 ft

Forecast Information

Tropical Storm Lisa



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



- Lisa will strengthen into a hurricane by Monday night and move across the southern Bahamas
- Lisa is expected to continue to be a hurricane as it approaches South Florida; Hurricane Watch issued
- Increasing probability of hazardous winds and waves along the Florida coast
- Current center forecast positions through the next 5 days illustrated by dots
- White swath is potential track error through day 3
- Hatched swath is potential track error on days 4-5

** Swaths are designed so the actual track will occur inside the cone two-thirds of the time. One-third of the time, the center will track outside the cone.

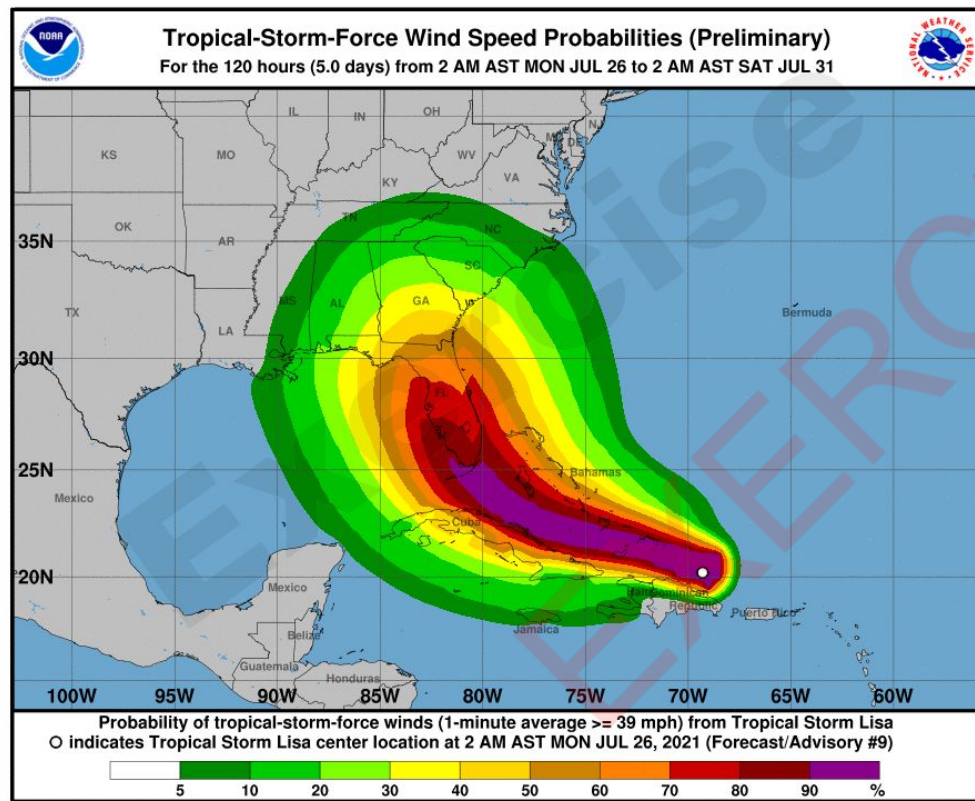
NOTE: Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.

T.S. Wind Speed Probabilities

Tropical Storm Lisa



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



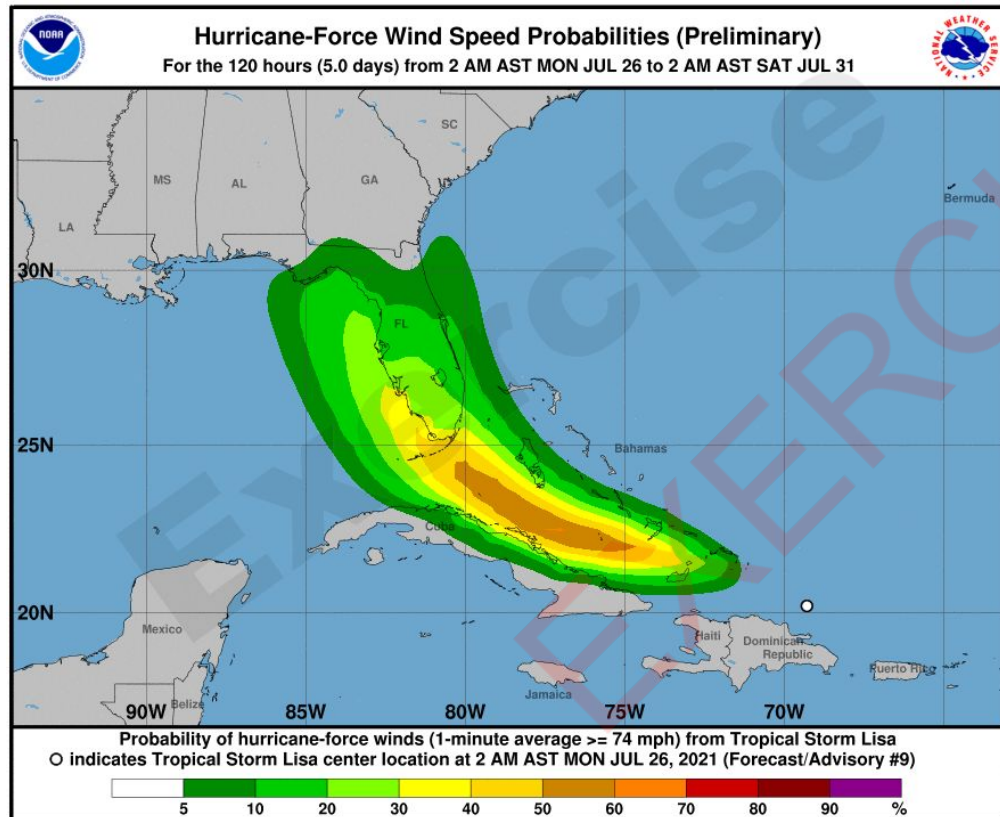
- Panama City 30%
 - Tampa 70%
 - Key West 75%
 - Miami 80%
 - Ft Lauderdale 80%
 - Cocoa Beach 60%
 - Jacksonville 40%
-
- Probabilities of sustained tropical storm force winds (34 kt to 63 kt) over the next 5 days, based off this cyclone's wind radii and track.

Hurricane Wind Speed Probabilities

Tropical Storm Lisa



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



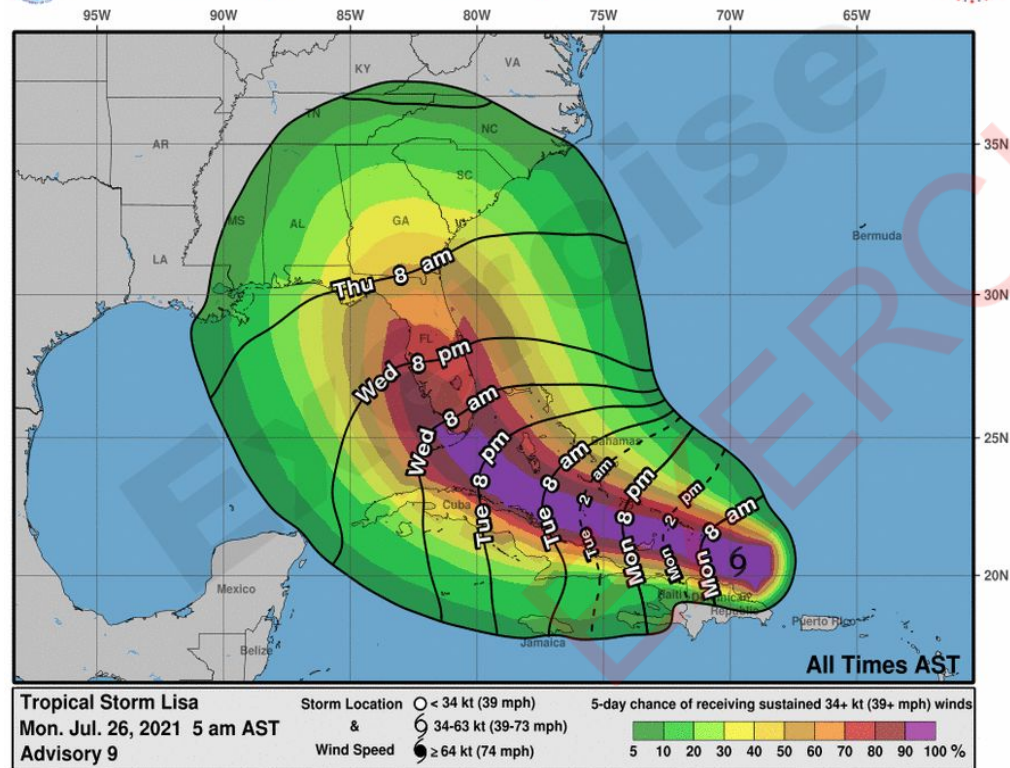
- Panama City 5%
 - Tampa 20%
 - Key West 30%
 - Miami 20%
 - Ft Lauderdale 20%
 - Cocoa Beach 10%
 - Jacksonville <5%
-
- Probabilities of sustained hurricane force winds (64 kt +) over the next 5 days, based off this cyclone's wind radii and track.



Tropical Storm Lisa



Most Likely Arrival Time of Tropical-Storm-Force Winds



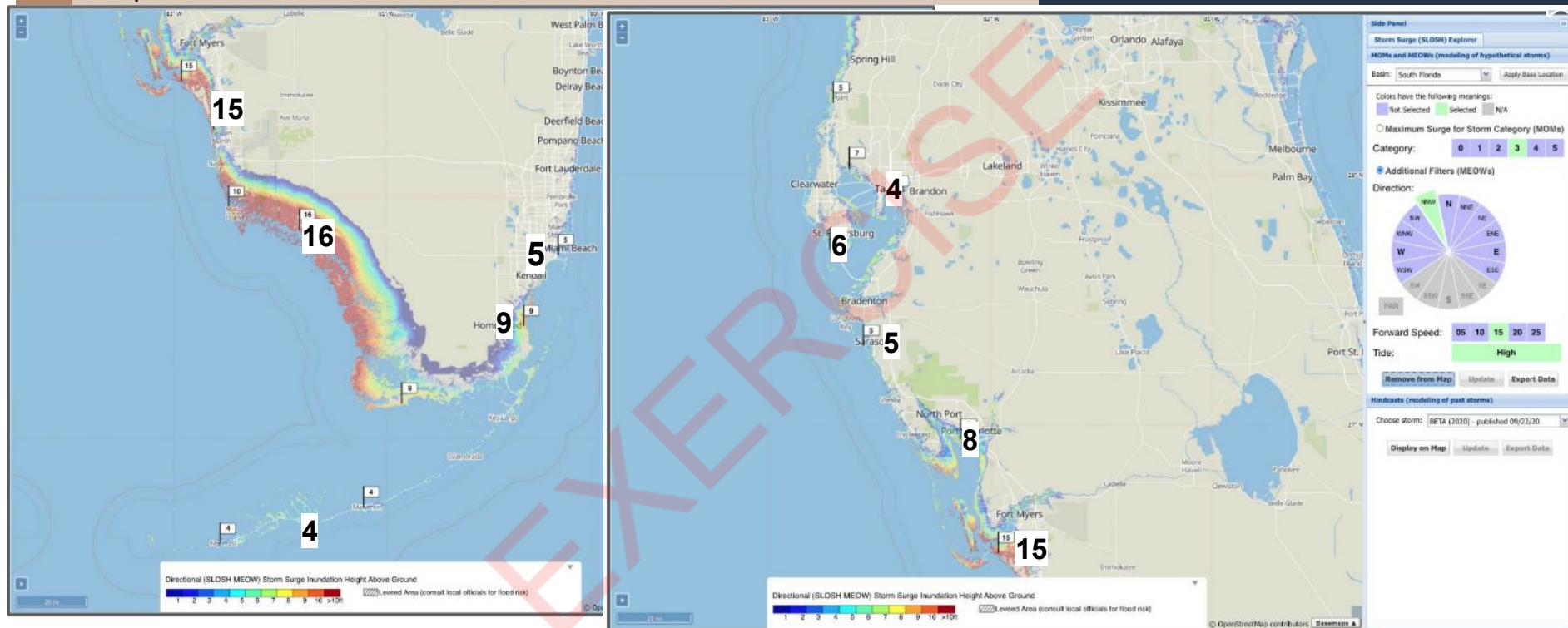
- South Florida: **Wednesday morning**
- Tampa Bay: **Wednesday evening**
- Jacksonville: **Thursday morning**
- The most likely time of arrival of Tropical Storm Force Winds (34kt to 63 kt) for this cyclone based off the current track and wind radii.

Storm Surge

Tropical Storm Lisa

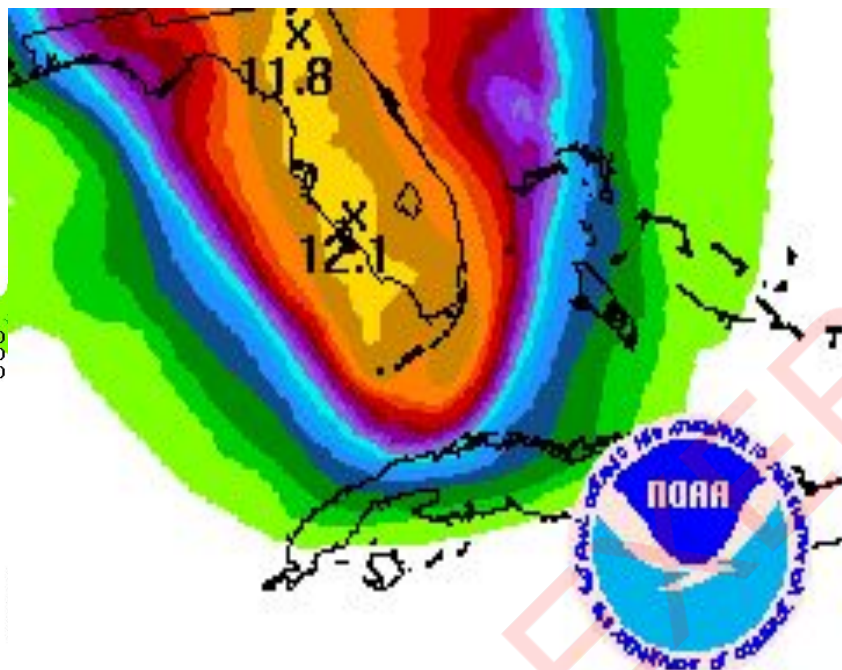


Tropical Analysis and Forecast Branch
NWS National Hurricane Center



SLOSH MEOW for a Cat 3 moving NW at 10-15 mph at high tide - AGL

- Storm surge is represented in feet above the ground at any given point.



- Total rainfall in inches over the next 5 days
- Rainfall amounts 5-10" with localized amounts up to 15" possible



Risk of rainfall exceeding flash flood guidance to the right of a line

HIGH: > 15% **SLGT:** 5%-10%
MDT: 10%-15% **MRGL:** 2%-5%

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

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

Tornado Potential - Storm Prediction Center

Tropical Storm Lisa



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



Categorical Outlook Legend:



Total Severe Probability Legend (in %):



Day 2 (Tuesday)



- Large waves and hazardous surf could arrive along the Florida coast as early as tonight
- Potentially 25-30 ft seas could build near South Florida if the track holds

IMPACTS FOR **D7** (through next 5 days)

Winds – High

Storm Surge – High

Rainfall/Flash Flooding – High

Tornadoes – Low

Waves – High

IMPACTS FOR D7 (through next 5 days)

Winds – High

Storm Surge – Low

Rainfall/Flash Flooding – High

Tornadoes – None

Waves - Medium

Tropical Storm Nico BRIEFING



Prepared by:

Amanda Reinhart

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*



NHC_TAFB

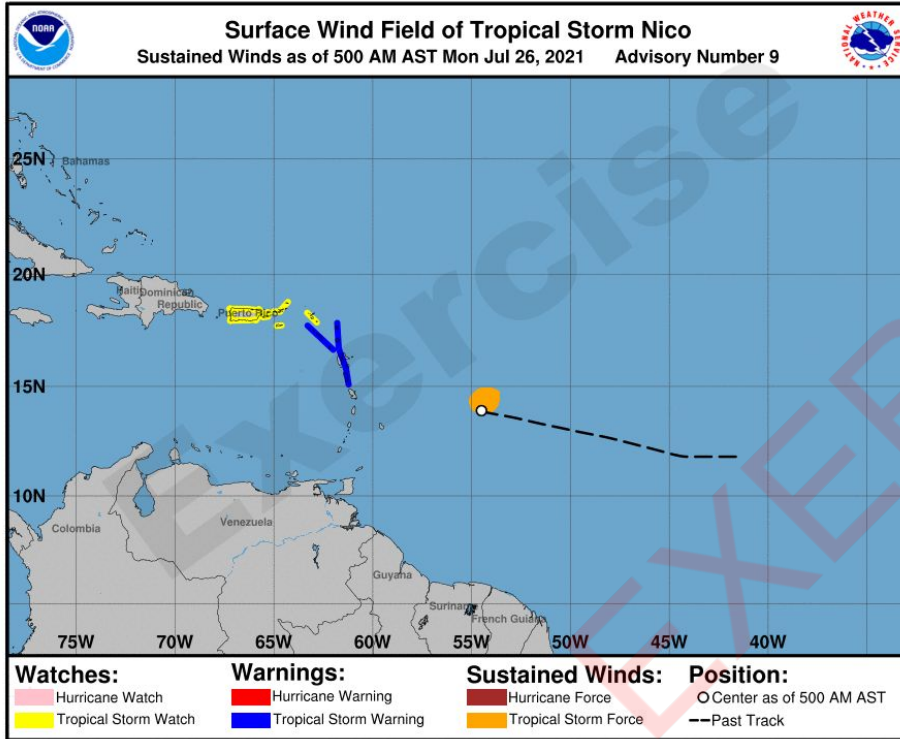
www.nhc.noaa.gov

Situation Overview

Tropical Storm Nico



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



**...NICO A BIT STRONGER AS IT
NEARS THE LESSER ANTILLES...**

Summary of 500 AM AST Information

Location... 13.9N 54.5W
About... 400 nm ESE of the Lesser Antilles
About... 300 nm E of Barbados
Maximum Sustained Winds... 40 kt
Present Movement... WNW at 12 kt

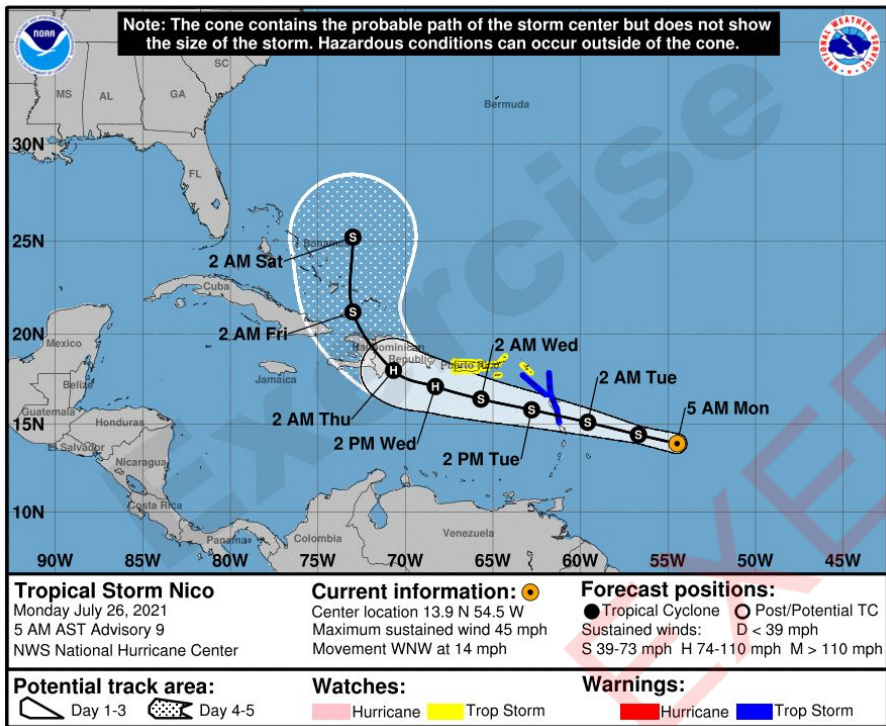
Size
34 kt..... 75NE 0SE 0SW 50NW.
Seas to 14 ft

Forecast Information

Tropical Storm Nico



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



- **Nico will move WNW toward the Leeward Islands**
- **Tropical storm warnings have been issued to the Leeward Islands and tropical storm watches have been issued for Puerto Rico/USVI**
- **System expected to strengthen to a hurricane by Wednesday as it passes south of Puerto Rico**
- **Nico expected to turn into Hispaniola and continue moving north across the Bahamas later in the week**
- Current center forecast positions through the next 5 days illustrated by dots
- White swath is potential track error through day 3
- Hatched swath is potential track error on days 4-5

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

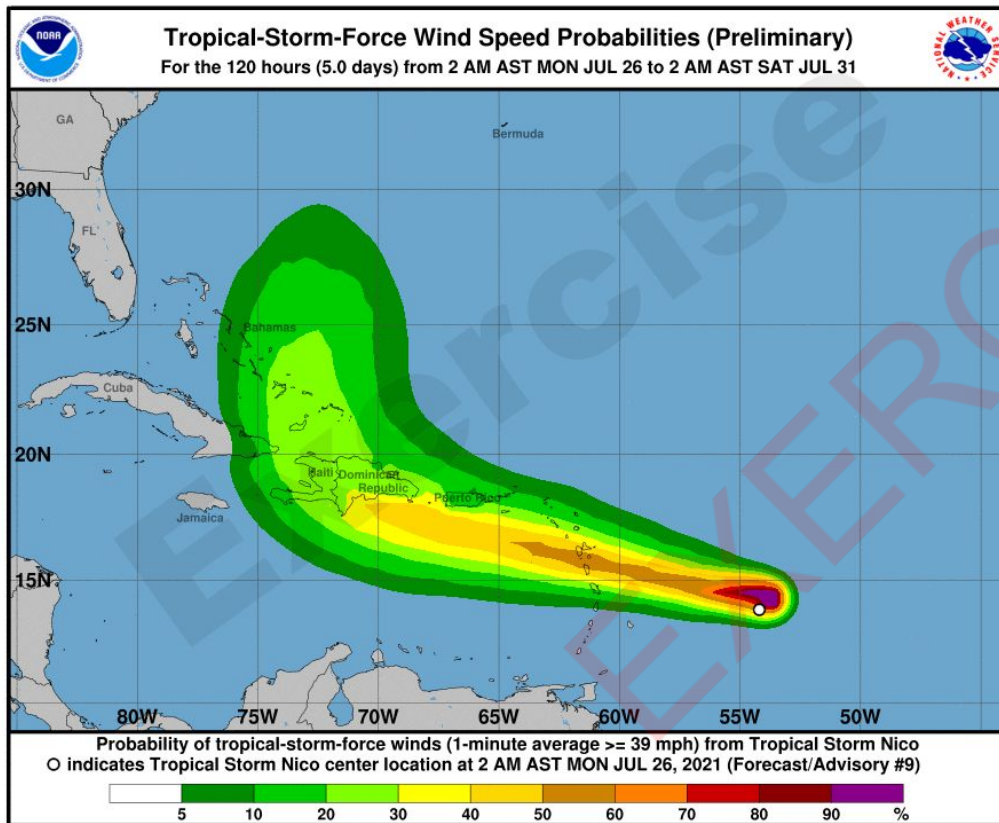
** Swaths are designed so the actual track will occur inside the cone two-thirds of the time. One-third of the time, the center will track outside the cone.

T.S. Wind Speed Probabilities

Tropical Storm Nico



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



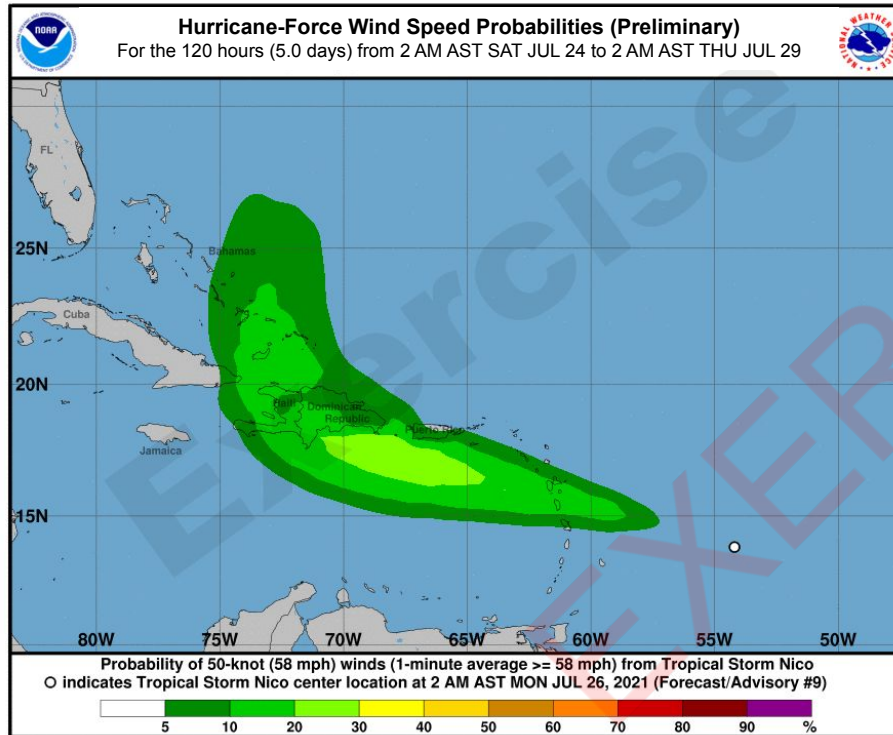
- Ponce PR 30%
 - Aguadilla PR 40%
 - San Juan PR 20%
 - Vieques PR 35%
 - St. Thomas 30%
 - St. Croix 40%
-
- Probabilities of sustained tropical storm force winds (34 kt to 63 kt) over the next 5 days, based off this cyclone's wind radii and track.

Hurricane Wind Speed Probabilities

Tropical Storm Nico



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

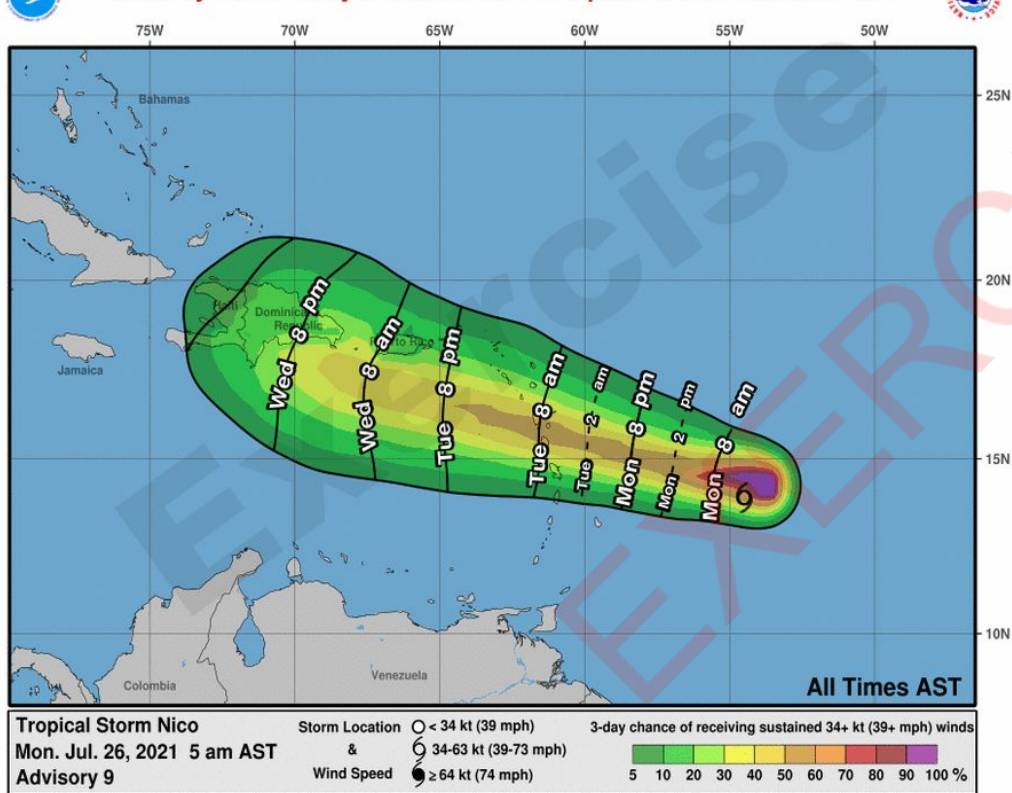


- Ponce PR 5%
 - Aguadilla PR 10%
 - San Juan PR <5%
 - Vieques PR 5%
 - St. Thomas 5%
 - St. Croix 10%
-
- Probabilities of sustained hurricane force winds (64 kt +) over the next 5 days, based off this cyclone's wind radii and track.



Tropical Storm Nico

0-3 Day Most Likely Arrival Time of Tropical-Storm-Force Winds



▪ Puerto Rico: **Tuesday night**

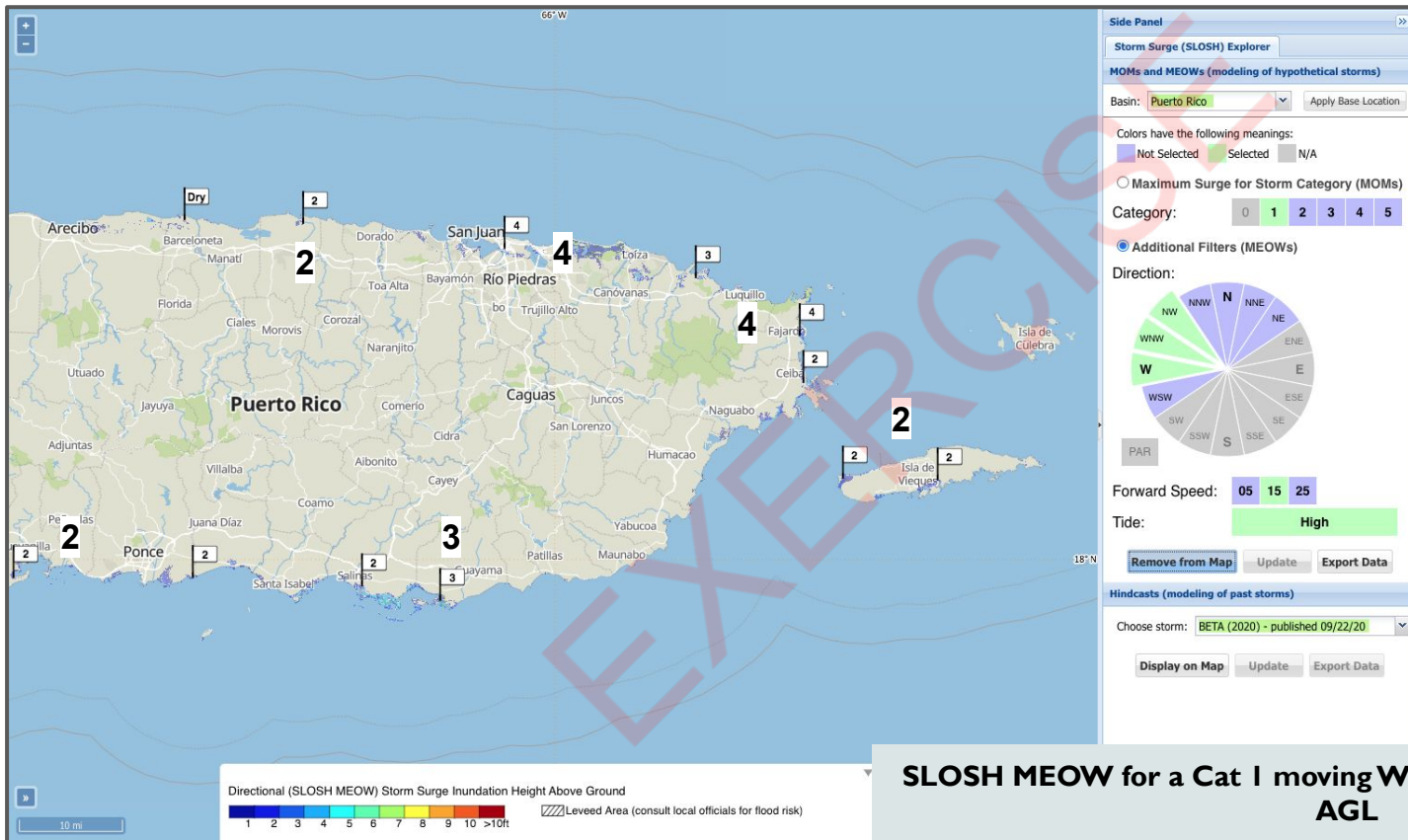
▪ The most likely time of arrival of Tropical Storm Force Winds (34kt to 63 kt) for this cyclone based off the current track and wind radii.

Storm Surge

Tropical Storm Nico



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



- **U.S. Virgin Islands:**
 - **Low Surge Impacts** - areas at risk for the **Cat I MEOW** show inundation values below 3 ft.
- Storm surge is represented in feet above the ground at any given point.

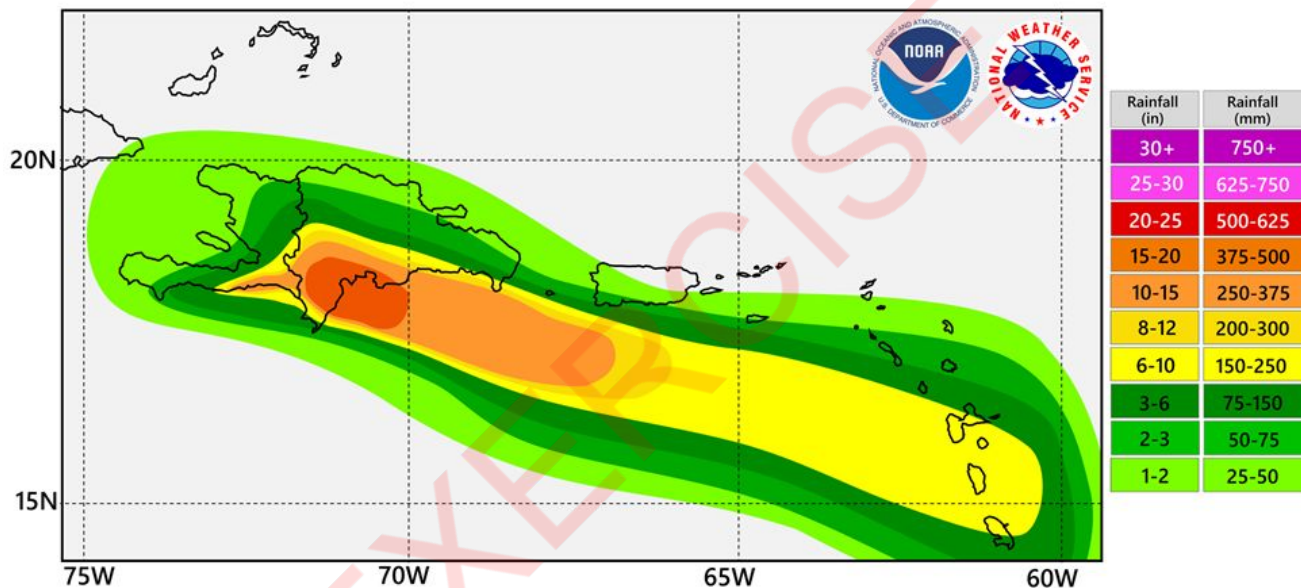
SLOSH MEOW for a Cat I moving WNW at 15 mph at high tide - AGL

Expected Storm Total Rainfall and Chance of Rainfall Flooding

Tropical Storm Nico



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



Exercise Prepared by the WPC International Desks

- Based on current track, the extreme southwestern portion of the island could receive 3-5"
- This could bring areas of flash flooding



- Seas could build to 15 ft south of Puerto Rico Tuesday through Wednesday

IMPACTS FOR **D7** (through next 5 days)

Winds – High

Storm Surge – Low

Rainfall/Flash Flooding – High

Tornadoes – None

Waves - Medium



BRIEFING

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

The Next Briefing Will Be:
Monday, 4:00 PM EDT

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