

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

Sunday, July 25, 2021

Prepared by:

Andrew Hagen

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*

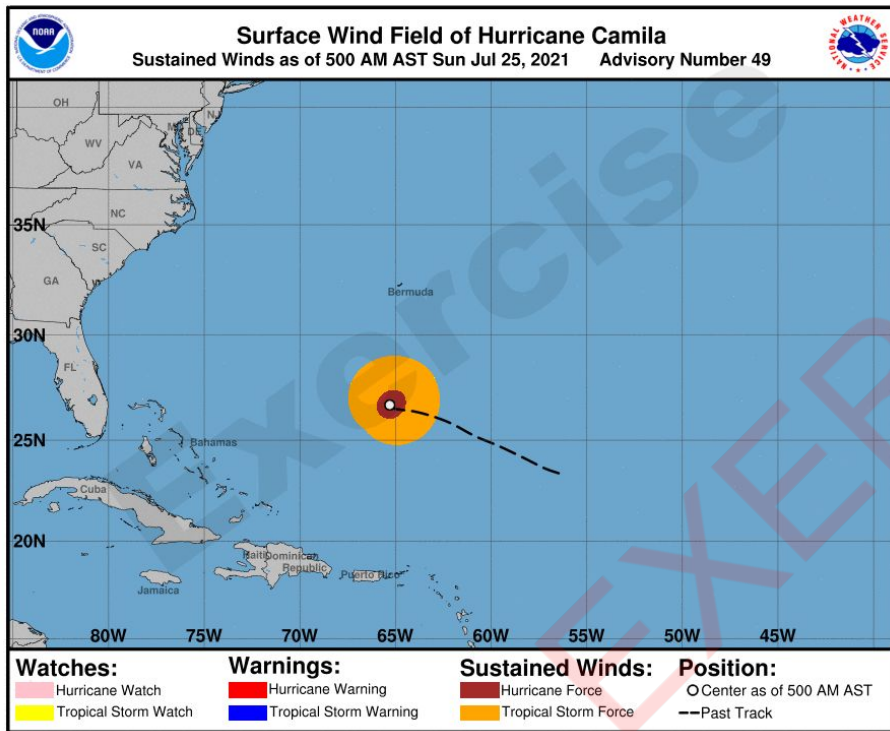


Situation Overview

Hurricane Camila



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



...Hurricane and Storm Surge Watches could be issued tonight for portions of the southeast U.S. Coast...

Summary of 500 AM EDT Information

Location...26.7N 65.3W

About... 340 nm S of Bermuda

About... 845 nm ESE of Charleston, SC

Maximum Sustained Winds...115 kt

Present Movement...WNW at 12 kt

Size

34 kt... 50 NE 130 SE 100 SW 130 NW

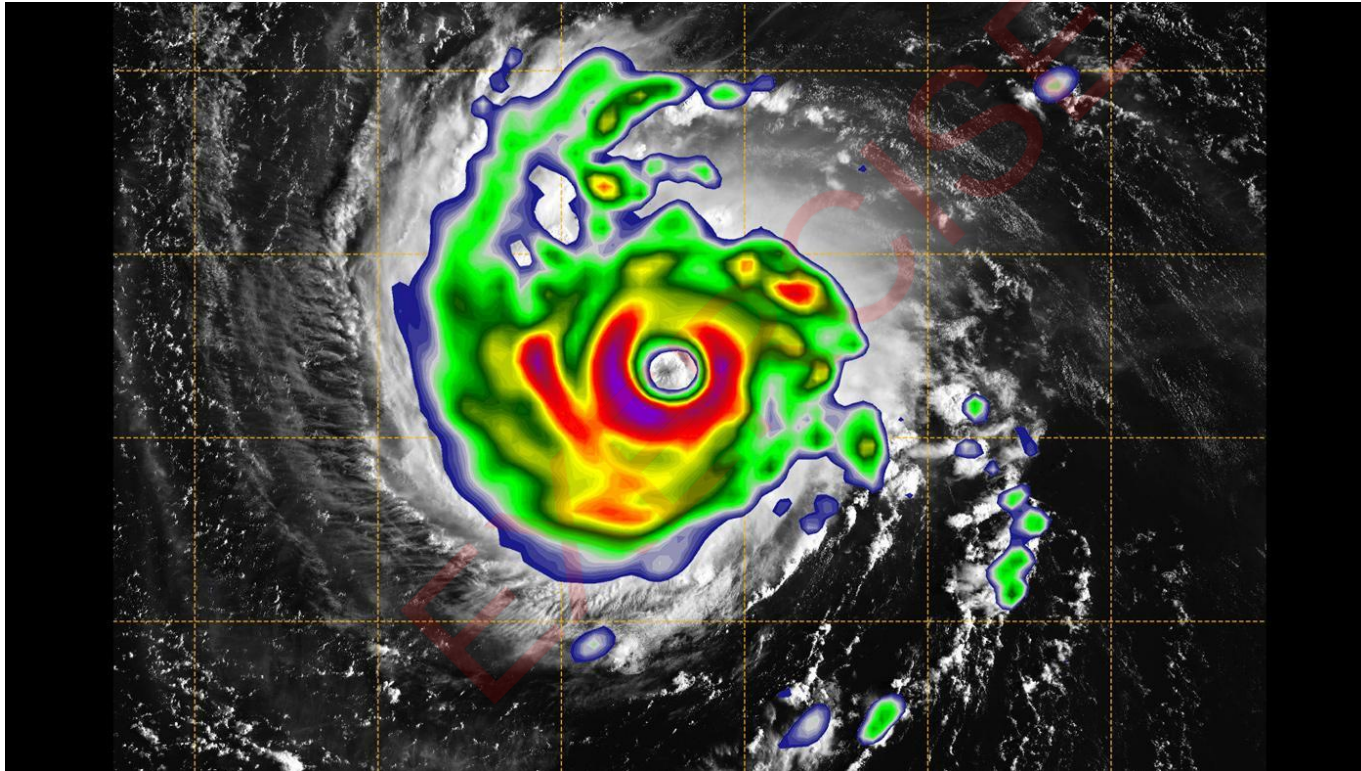
Seas to 30 ft

Current Satellite View

Hurricane Camila



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

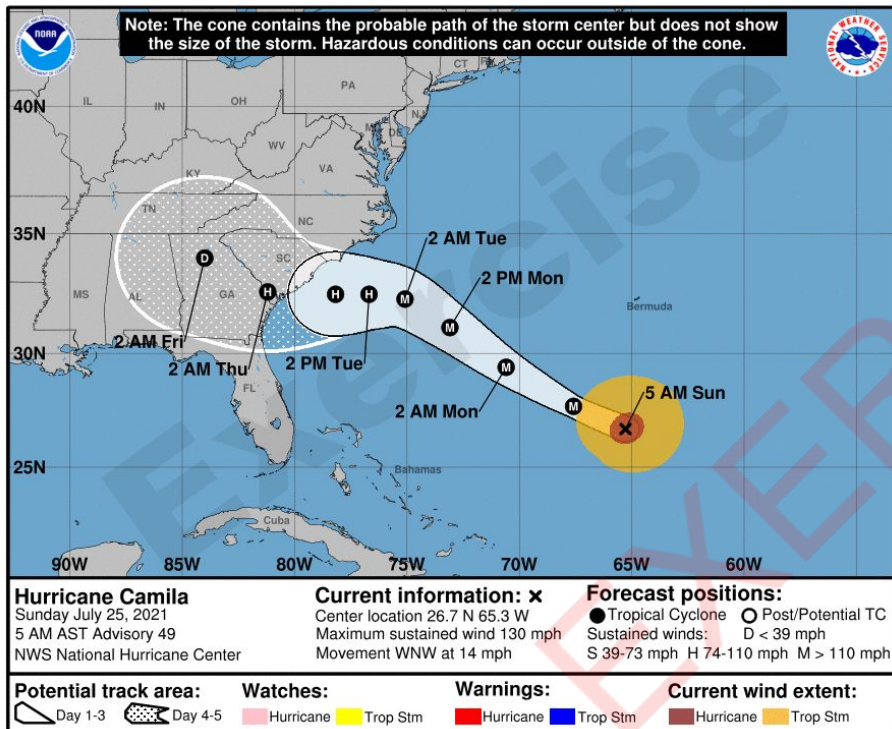


Forecast Information

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 Camila is forecast to move toward the SE US coast this week**
- **A dangerous storm surge, hurricane force winds and flooding rainfall are becoming increasingly likely along portions of the coast**
- **Camila is expected to weaken below major hurricane strength before landfall.**
- Center forecast positions illustrated by dots
- White swath is potential track error through day 3
- Hatched swath is potential error on days 4-5

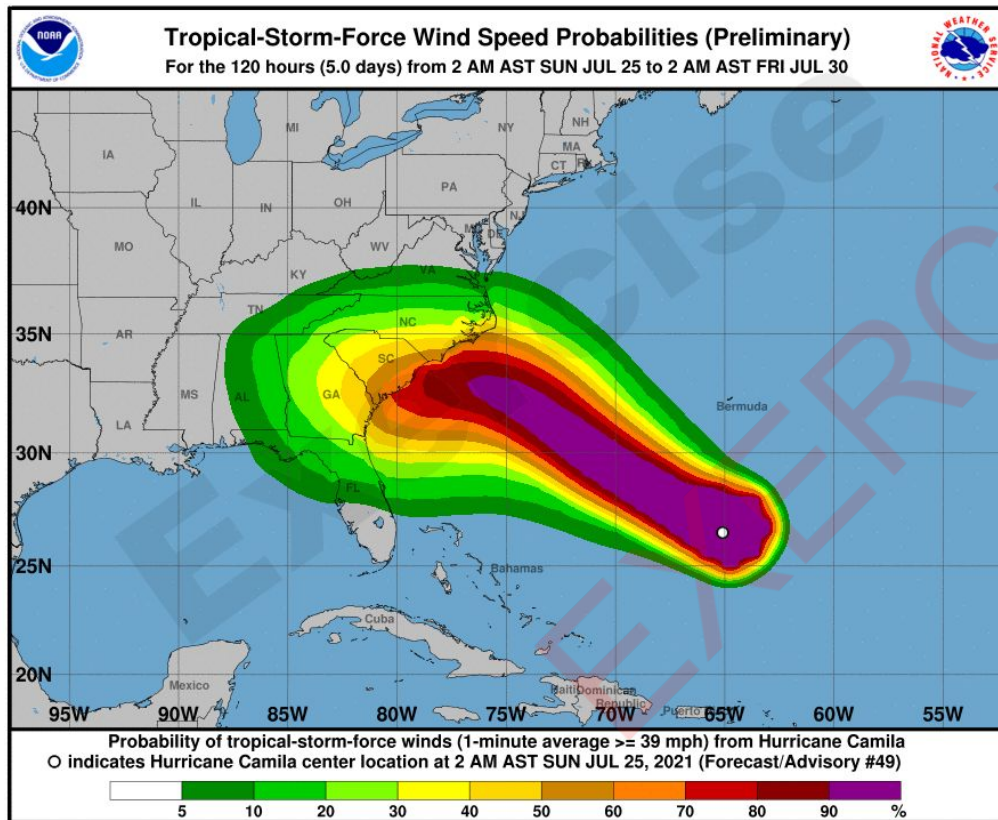
** Swaths are designed so the actual track will occur inside the cone two-thirds of the time. One-third of the time, the center will track outside the cone.

T.S. Wind Speed Probabilities

Hurricane Camila



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



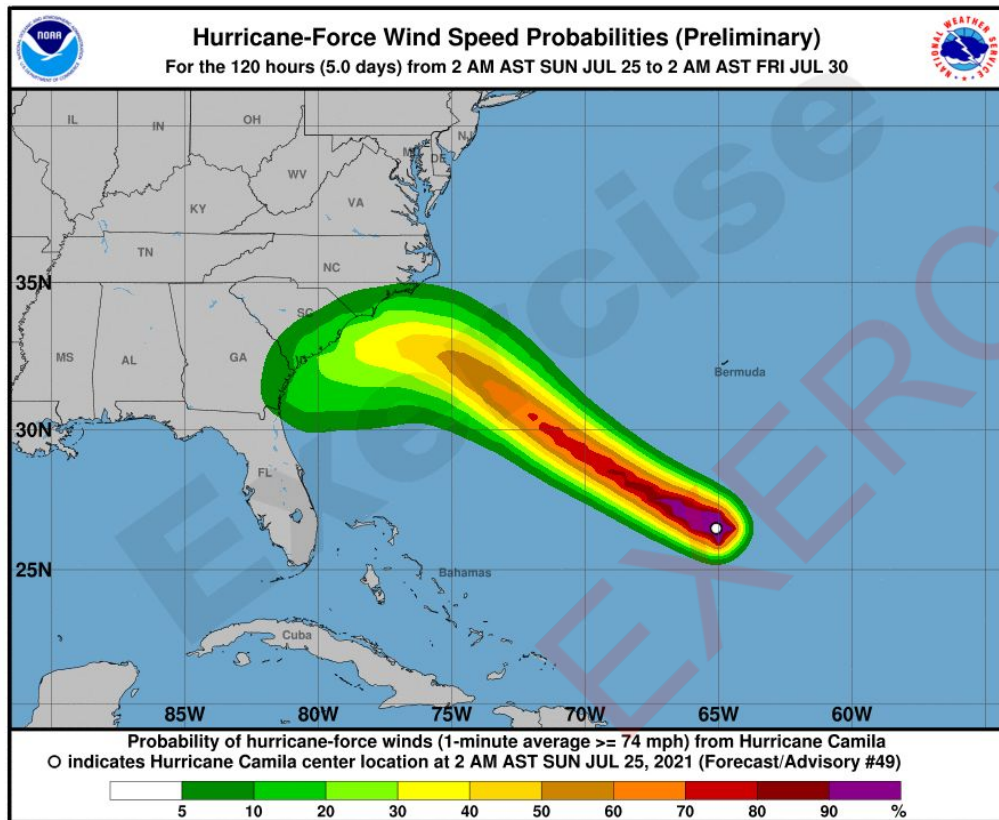
- Coastal South Carolina: 60-70%
- Coastal Georgia: 40-50%
- Probabilities of sustained tropical storm force winds (34 kt to 63 kt) over the next 5 days, based off this cyclone's wind radii and track.

Hurricane Wind Speed Probabilities

Hurricane Camila



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- Coastal South Carolina: 20%
- Coastal Georgia: 10%
- Probabilities of sustained hurricane force winds (64 kt +) over the next 5 days, based off this cyclone's wind radii and track.

Most Likely Time of Arrival and Tropical Storm Wind Speed Probabilities

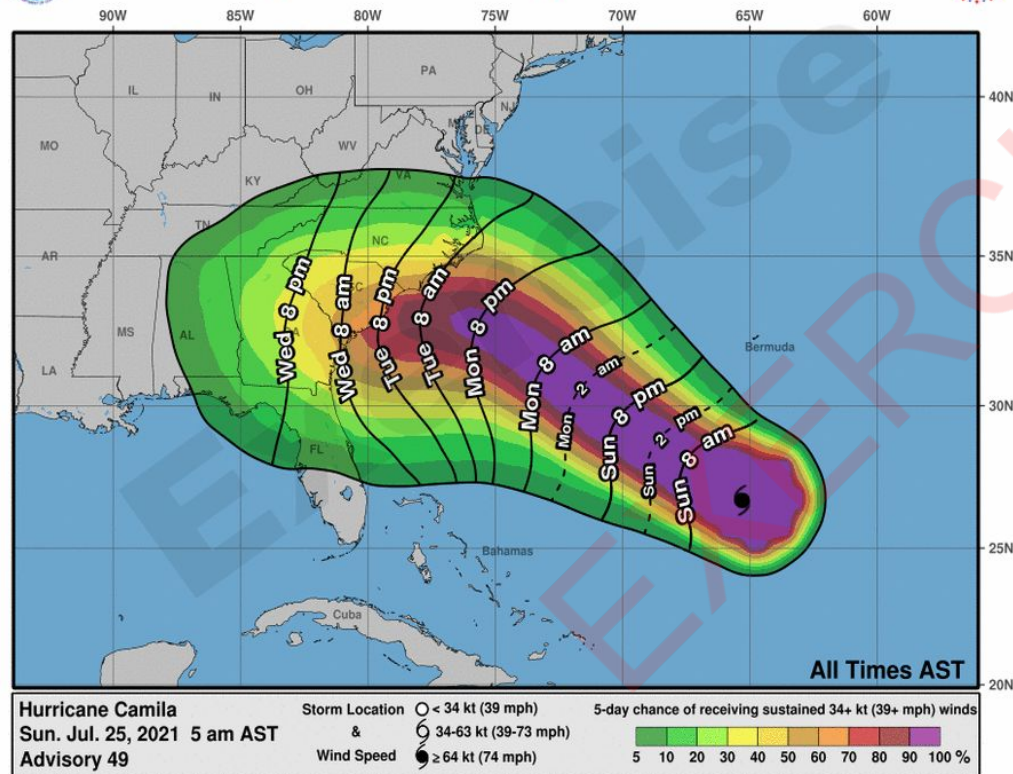


Tropical Analysis and Forecast Branch
NWS National Hurricane Center

Hurricane Camila



Most Likely Arrival Time of Tropical-Storm-Force Winds



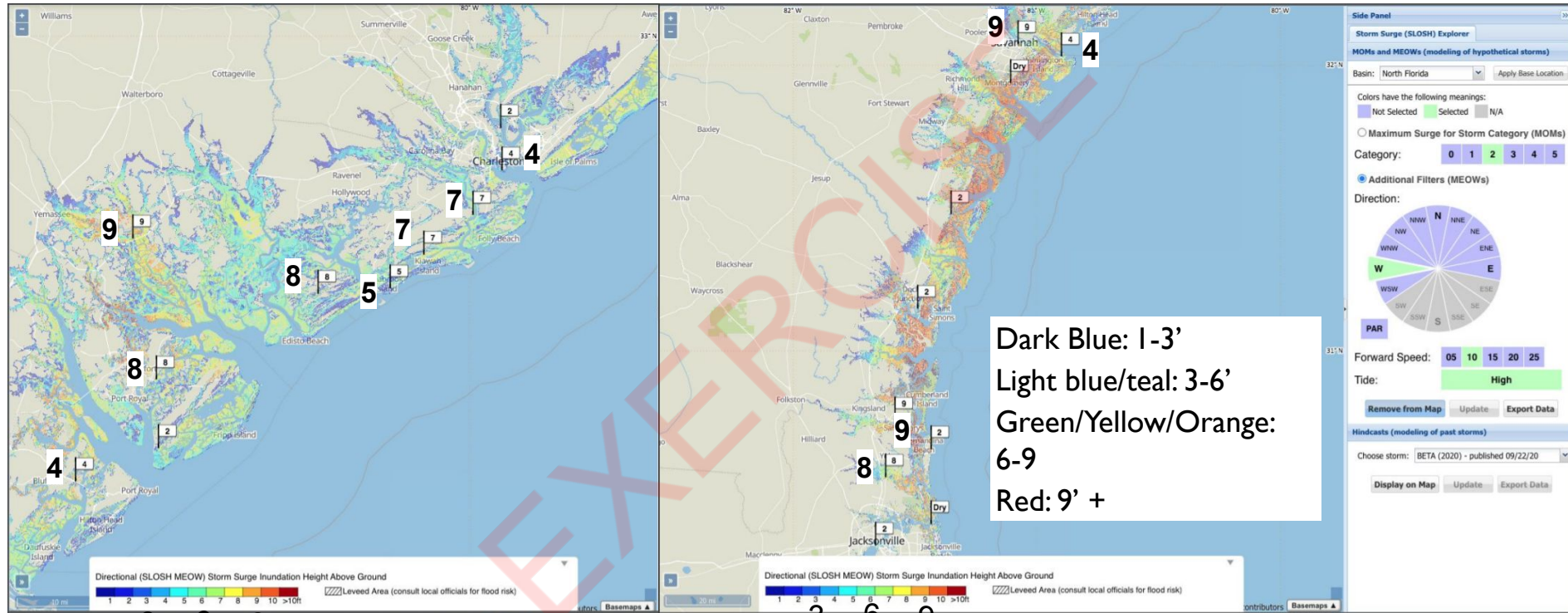
- **Charleston: Tuesday night**
- **Savannah: Wednesday morning**
- The most likely time of arrival of Tropical Storm Force Winds (34 kt to 63 kt) for this cyclone based off the current track and wind radii.

Storm Surge

Hurricane Camila

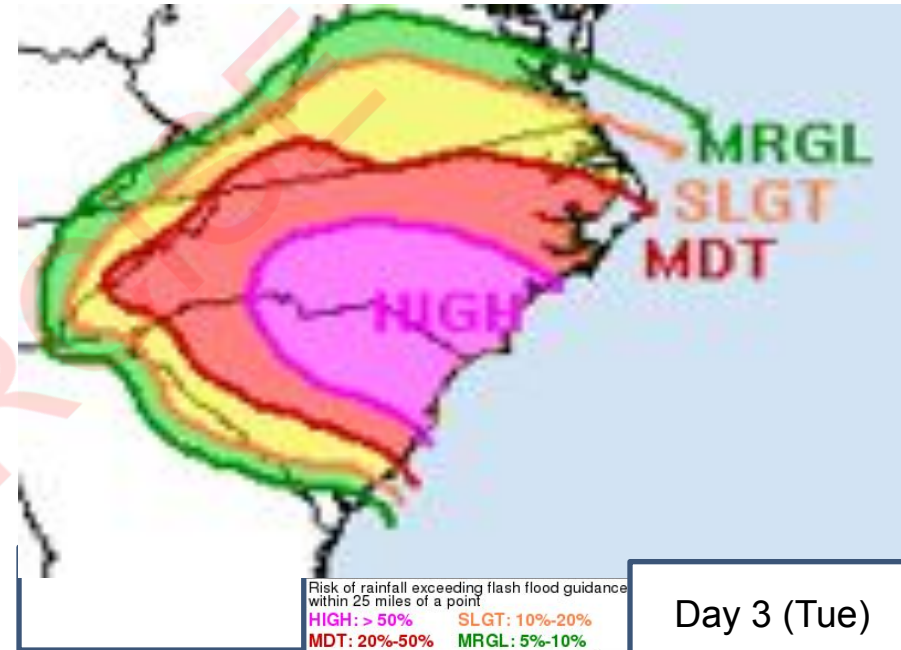
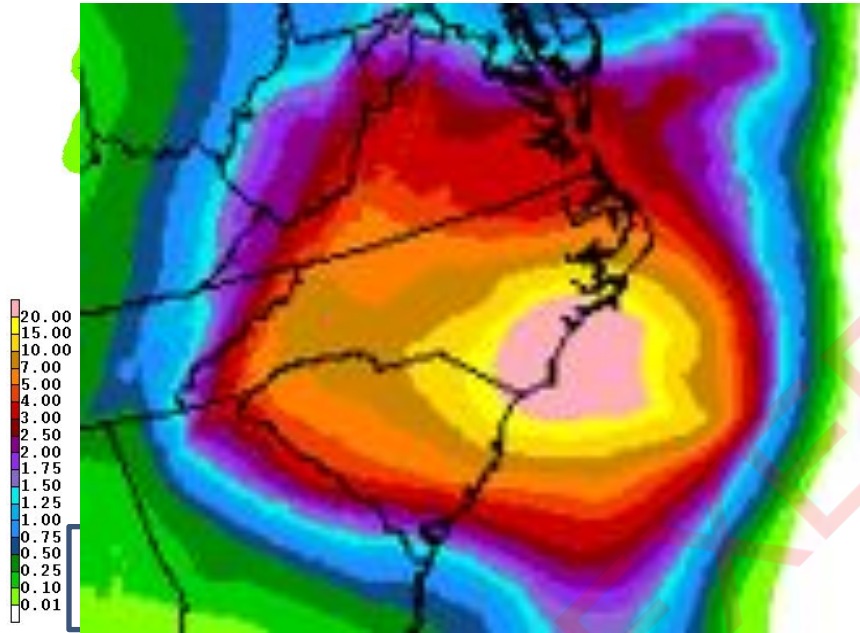


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SLOSH MEOW for a Cat 2 moving W at 5-10 mph at high tide - AGL

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



Day 3 (Tue)

- 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%

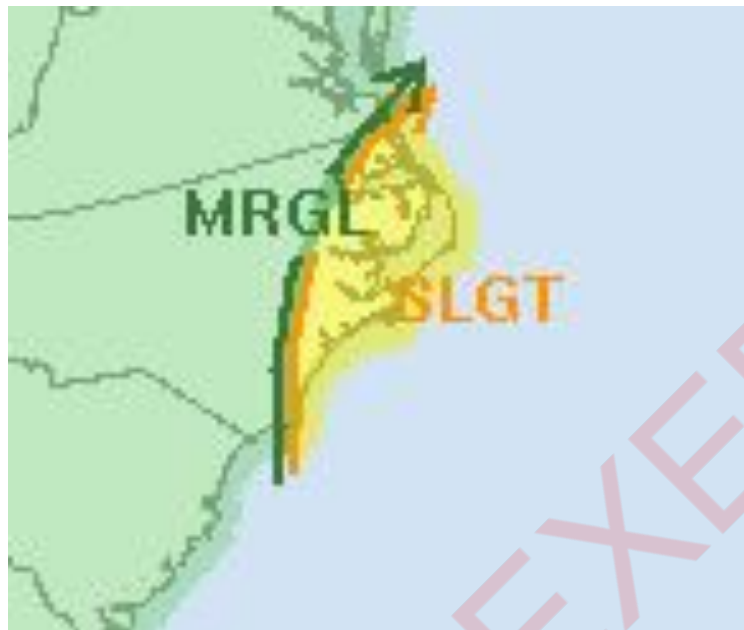
Refer to map legend for Valid Time

Tornado Potential - Storm Prediction Center

Hurricane Camila



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



Day 3 (Tuesday)

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 are beginning 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 Depression Lisa BRIEFING



Prepared by:
Stephen Konarik

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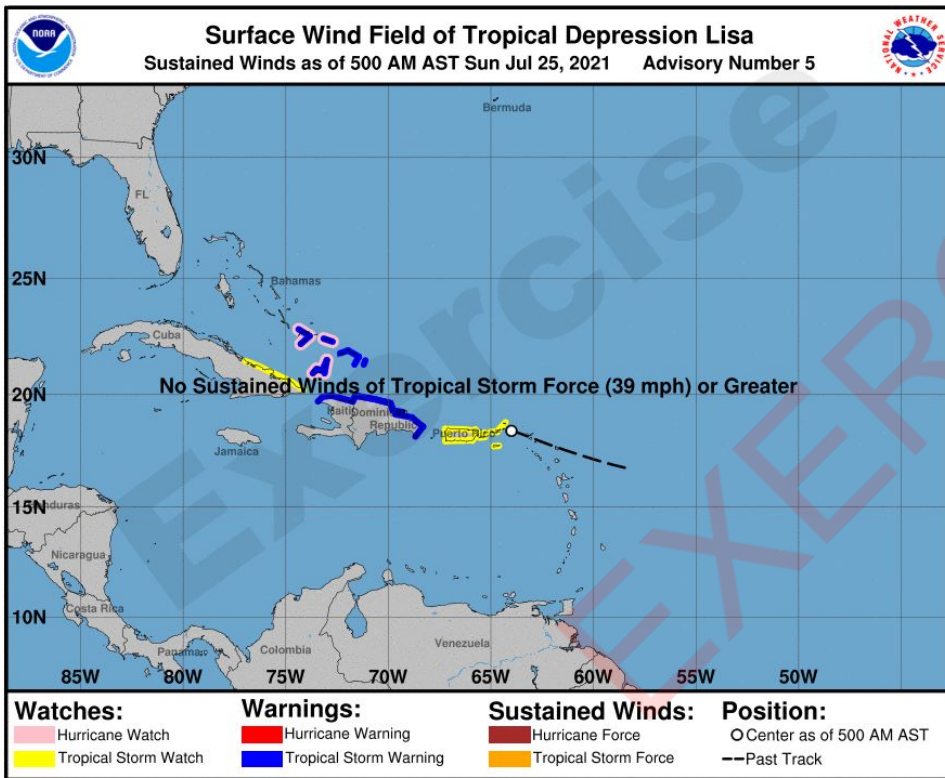


Situation Overview

Tropical Depression Lisa



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



...Tropical Depression Lisa passing through the U.S. Virgin Islands...

Summary of 500 AM EDT Information

Location... 18.4N 64.0W

About 65 nm... E of St Thomas, USVI

About 120 nm... E of San Juan, PR

Maximum Sustained Winds... 30 kt

Present Movement... WNW at 14 kt

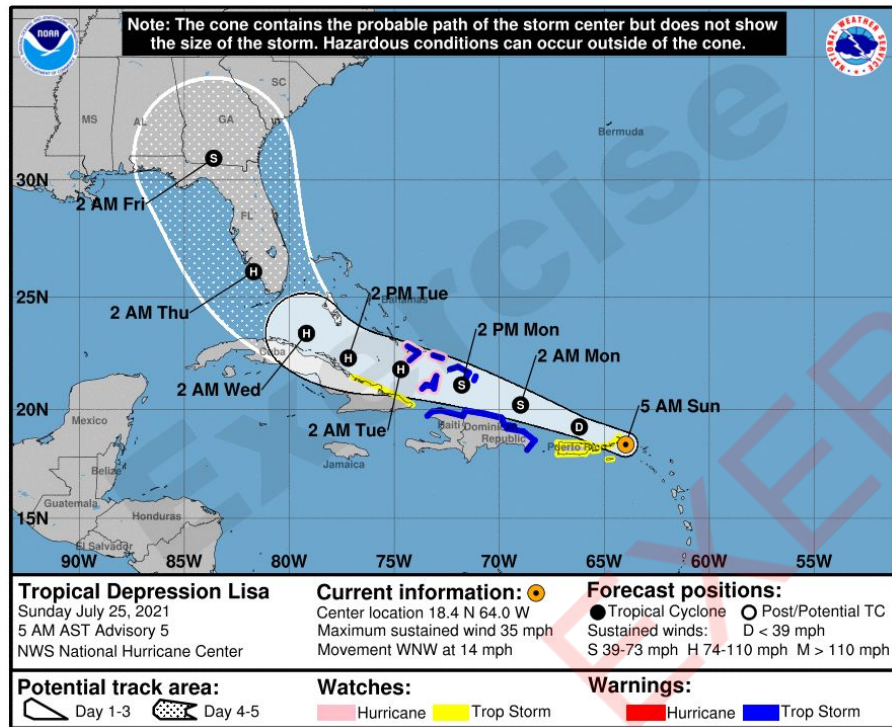
Seas to 10 ft

Forecast Information

Tropical Depression Lisa



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



- Lisa will move north of Puerto Rico tonight, with heavy rain and the potential for flooding continuing
- Lisa is expected to continue moving WNW across the southern Bahamas on Monday into Monday night
- Lisa could impact South Florida as a hurricane, with conditions beginning to deteriorate by Tuesday night

- 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.

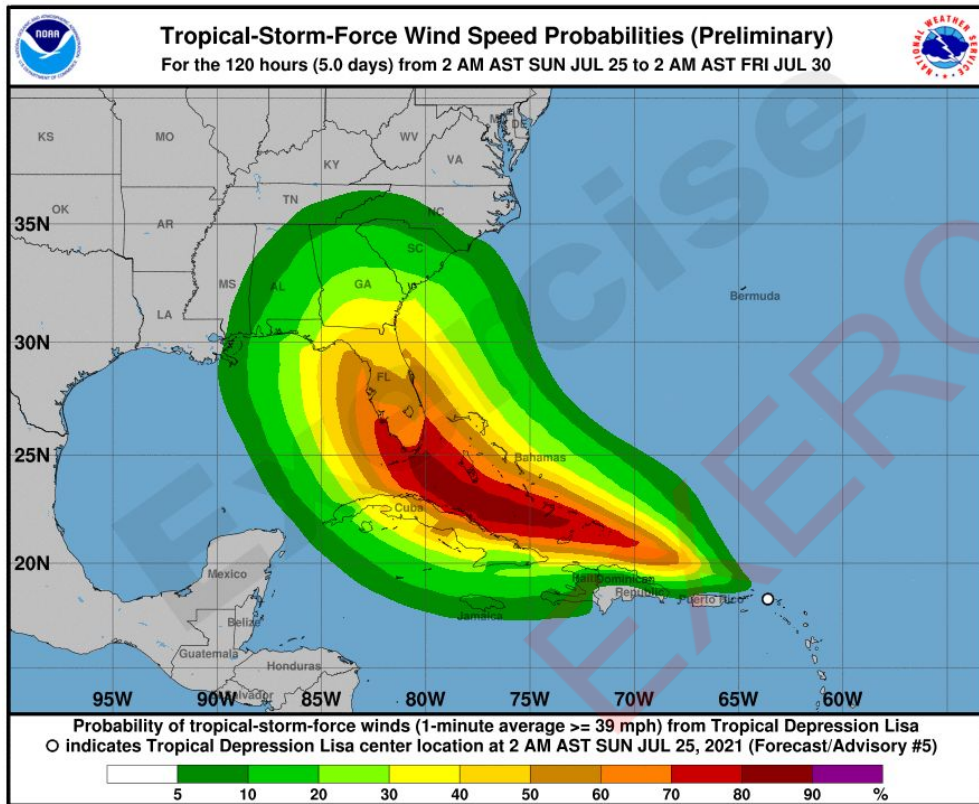
NOTE: Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.

T.S. Wind Speed Probabilities

Tropical Depression Lisa



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



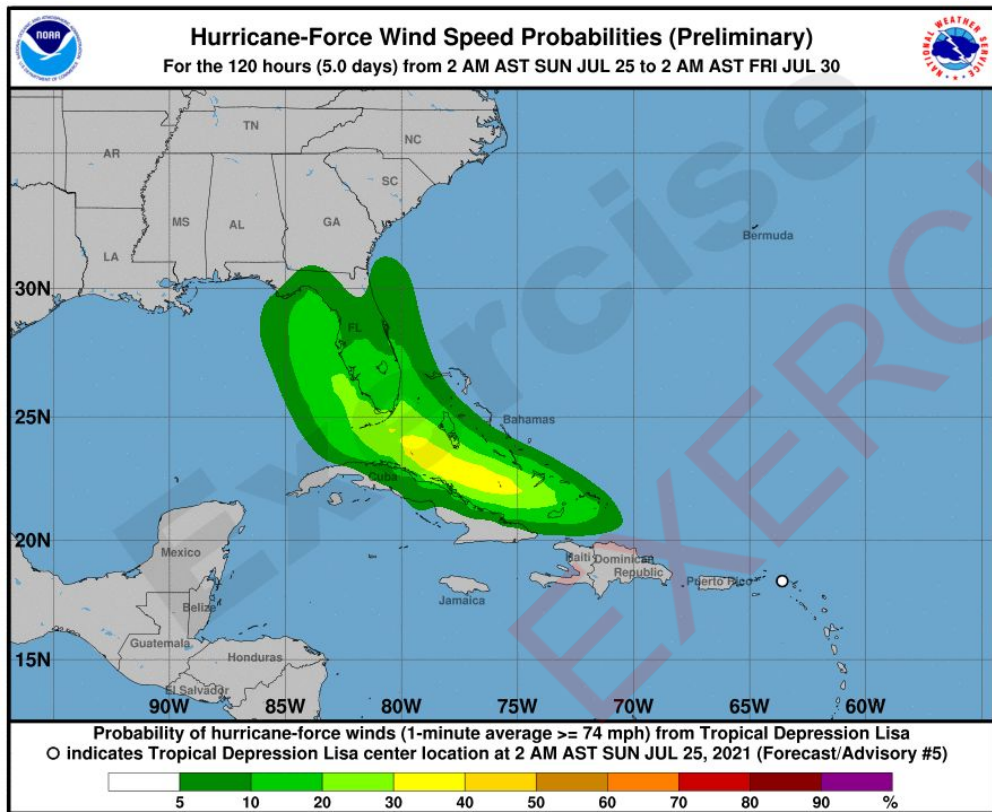
- Panama City 25%
 - Tampa 60%
 - Key West 65%
 - Miami 70%
 - Ft Lauderdale 70%
 - Cocoa Beach 50%
 - Jacksonville 35%
-
- Probabilities of sustained tropical storm force winds (34 kt to 63 kt) over the next 5 days, based off this cyclone's wind radii and track.

Hurricane Wind Speed Probabilities

Tropical Depression Lisa



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



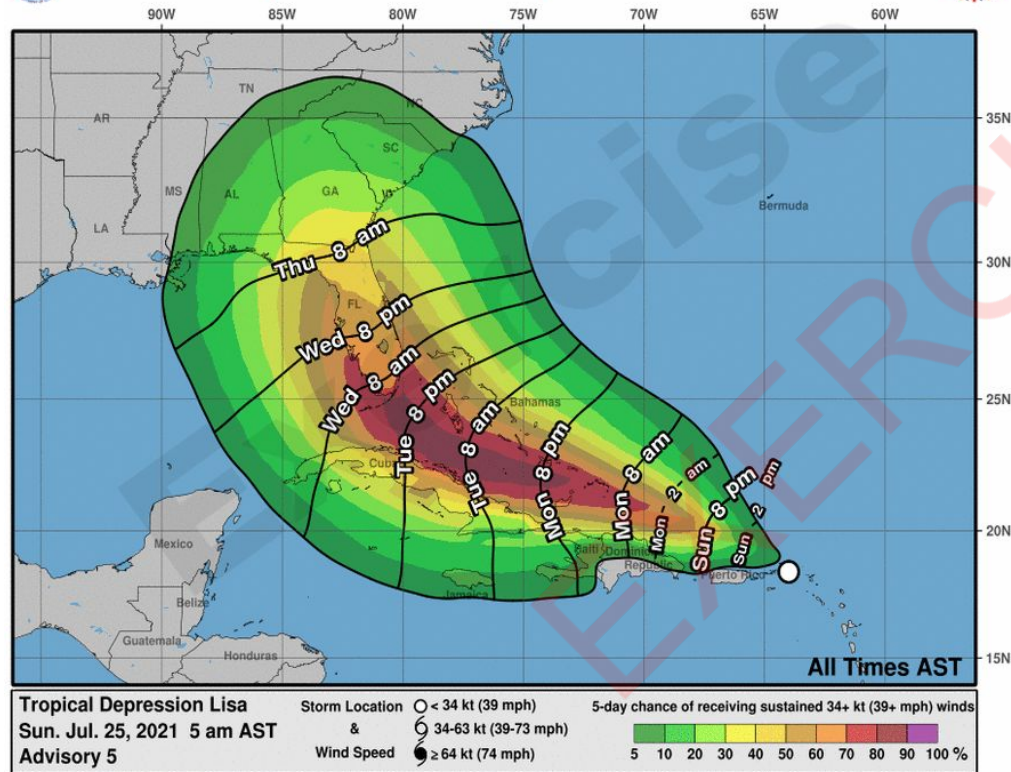
- Panama City 5%
 - Tampa 15%
 - Key West 20%
 - Miami 20%
 - Ft Lauderdale 20%
 - Cocoa Beach 10%
 - Jacksonville <5%
-
- Probabilities of sustained hurricane force winds (64 kt +) over the next 5 days, based off this cyclone's wind radii and track.



Tropical Depression Lisa



Most Likely Arrival Time of Tropical-Storm-Force Winds



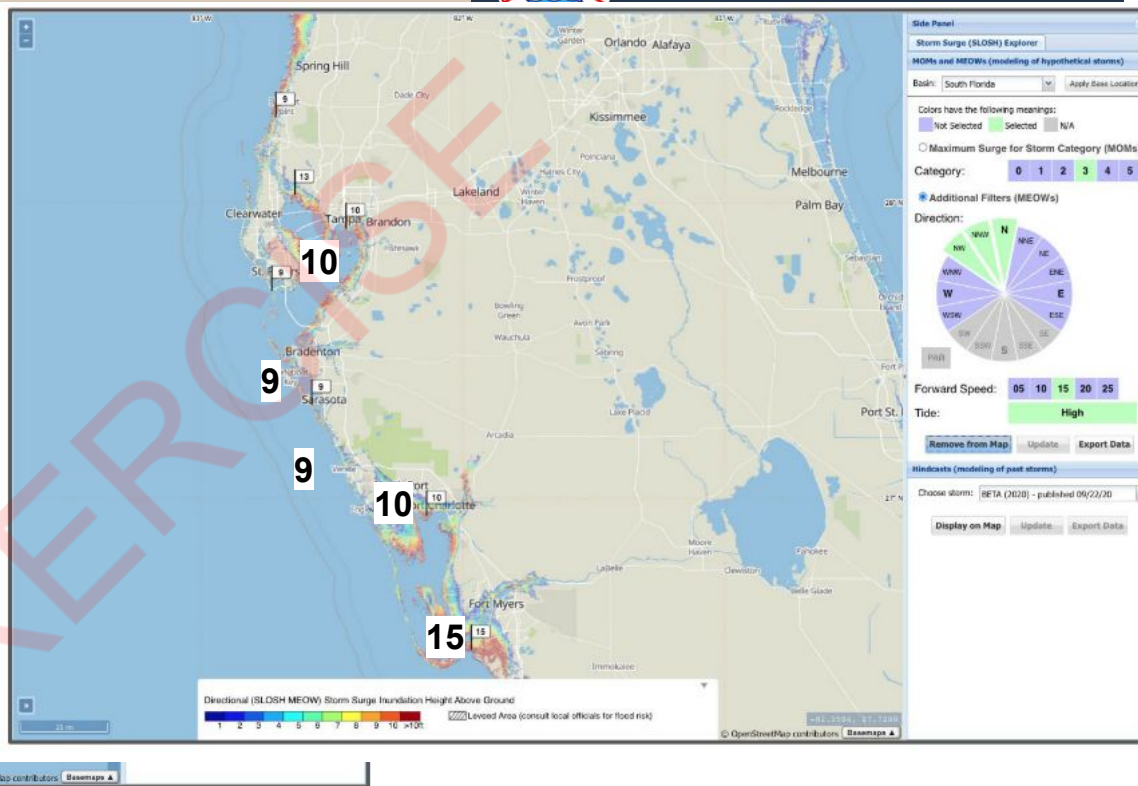
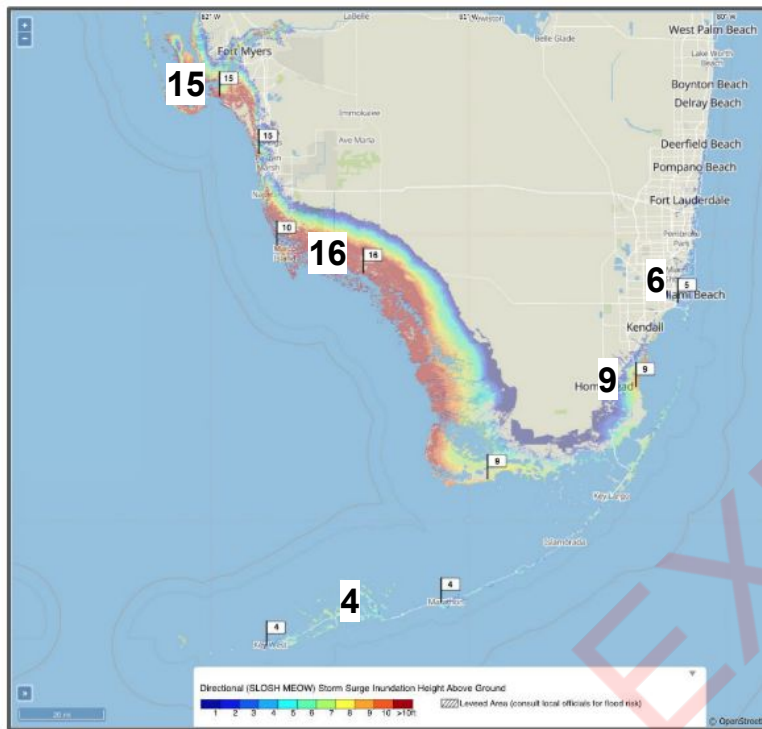
- South Florida: **Wednesday morning**
- Tampa Bay: **Wednesday evening**
- Jacksonville: **Thursday morning**
- The most likely time of arrival of Tropical Storm Force Winds (34kt to 63 kt) for this cyclone based off the current track and wind radii.

Storm Surge

Tropical Depression 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

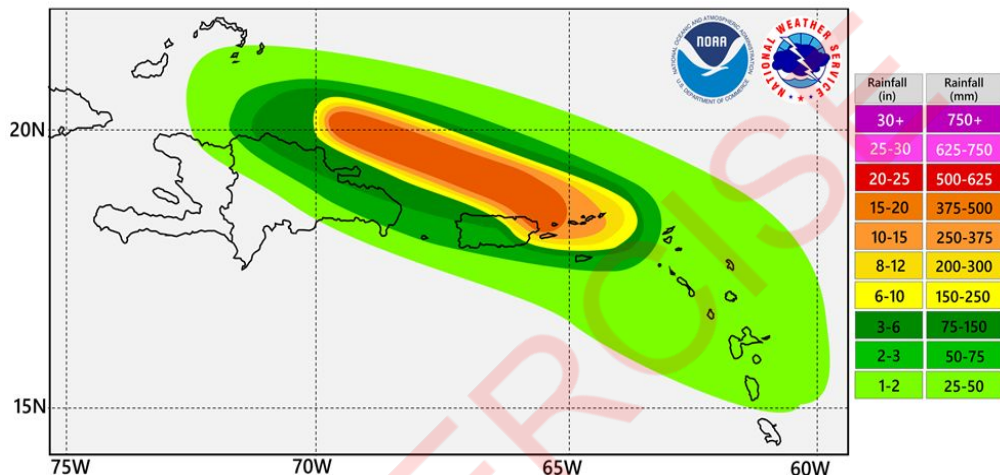
- Storm surge is represented in feet above the ground at any given point.

Expected Storm Total Rainfall and Chance of Rainfall Flooding

Tropical Depression Lisa



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



Exercise Prepared by the WPC International Desks

QPF for Day 1 (Sun)

- Based on current track, northeastern portions of Puerto Rico could receive additional 5-10" with locally higher amounts
- This could lead to life-threatening flash flooding and mudslides



- Seas could build to 12 ft north of Puerto Rico later today with dangerous surf conditions
- Potentially 20-25 ft seas could build near South Florida on Tuesday into Wednesday 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 – Medium

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*

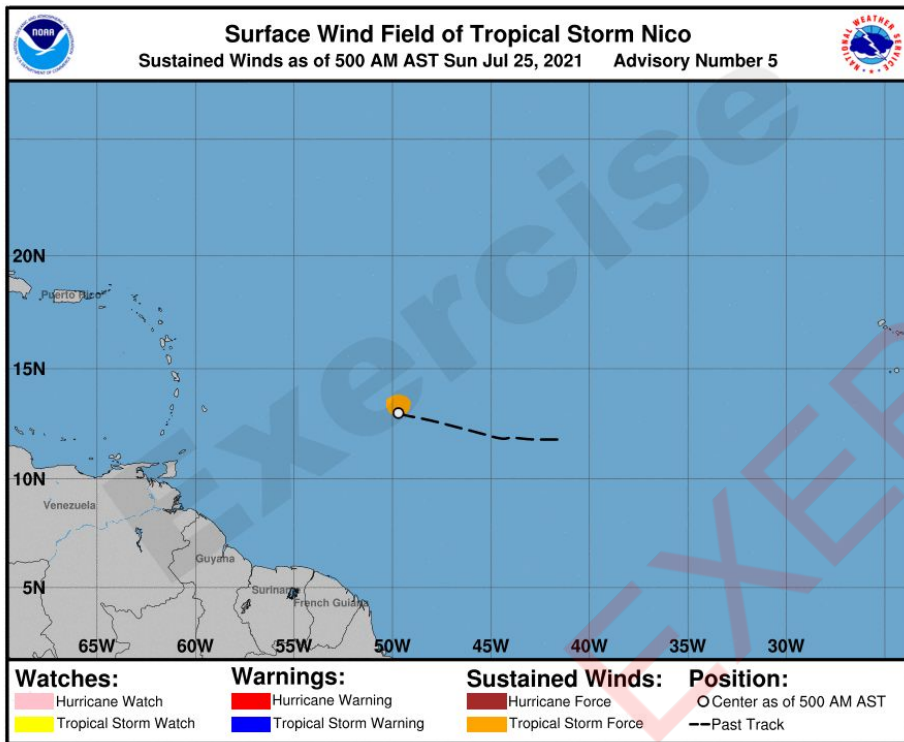


Situation Overview

Tropical Storm Nico



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



**...NICO MOVING WEST-NORTHWEST
TOWARDS THE LESSER ANTILLES...**

Summary of 500 AM AST Information

Location... 13.0N 49.7W

About... 690 nm E of the Lesser Antilles

About... 575 nm E of Barbados

Maximum Sustained Winds... 35 kt

Present Movement... WNW at 10 kt

Size

34 kt..... 50NE 0SE 0SW 50NW.

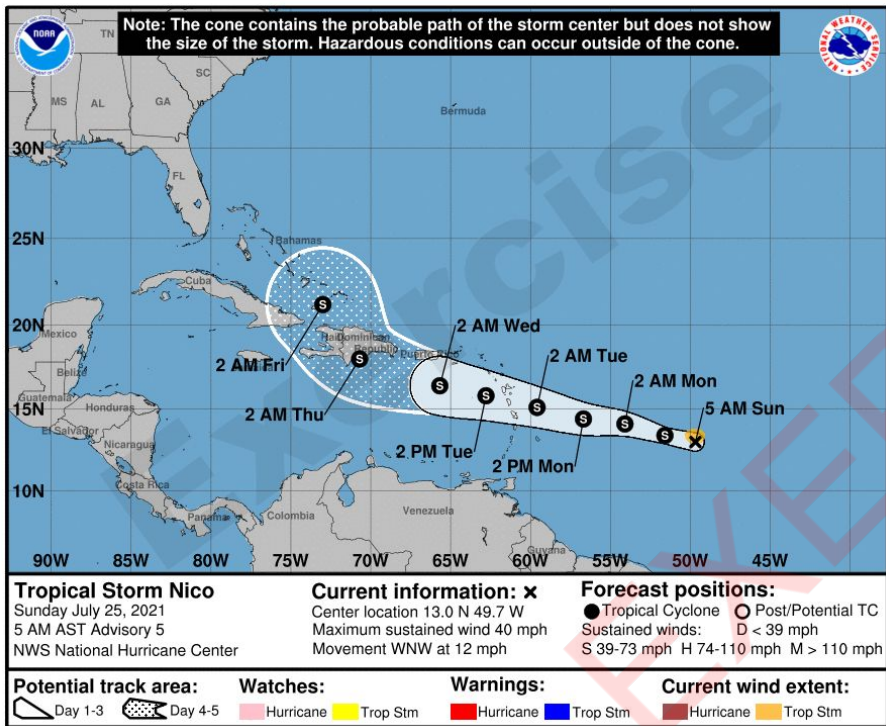
Seas to 12 ft

Forecast Information

Tropical Storm Nico



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



- **Nico will continue a westward track toward the Lesser Antilles**
- **System expected to strengthen some but remain a tropical storm while potentially impacting the southern portion of the island**
- **Uncertainty in the track and intensity for Nico after it enters the Caribbean**
 - 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.

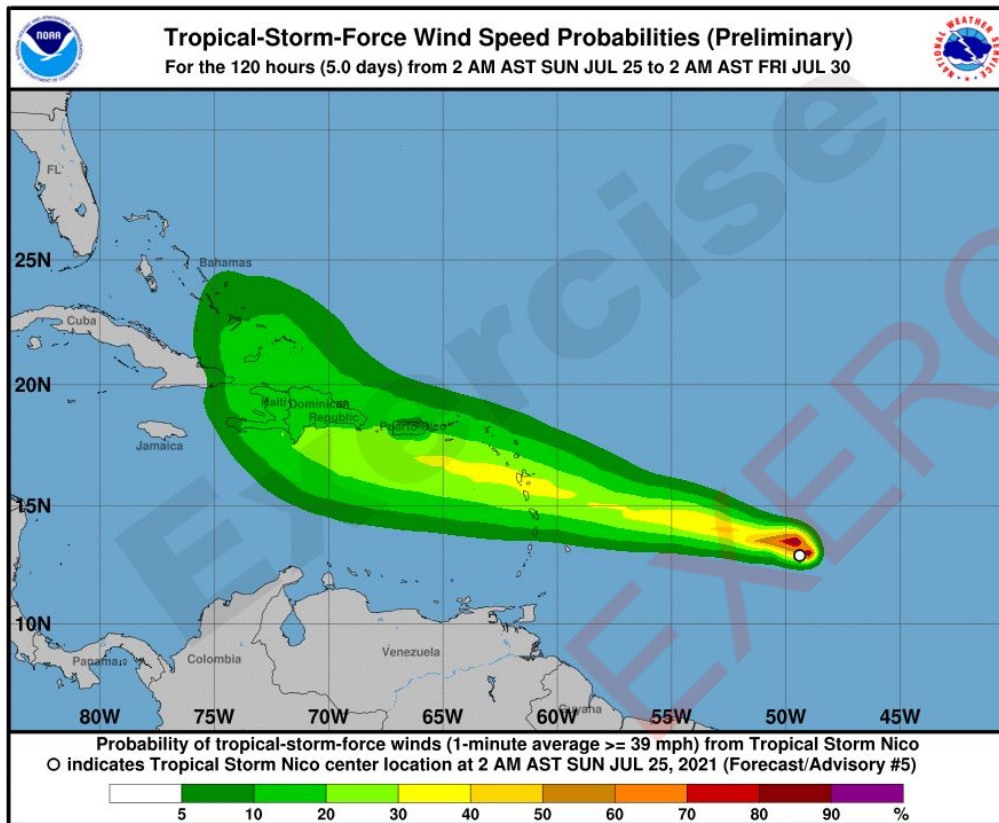
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T.S. Wind Speed Probabilities

Tropical Storm Nico



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



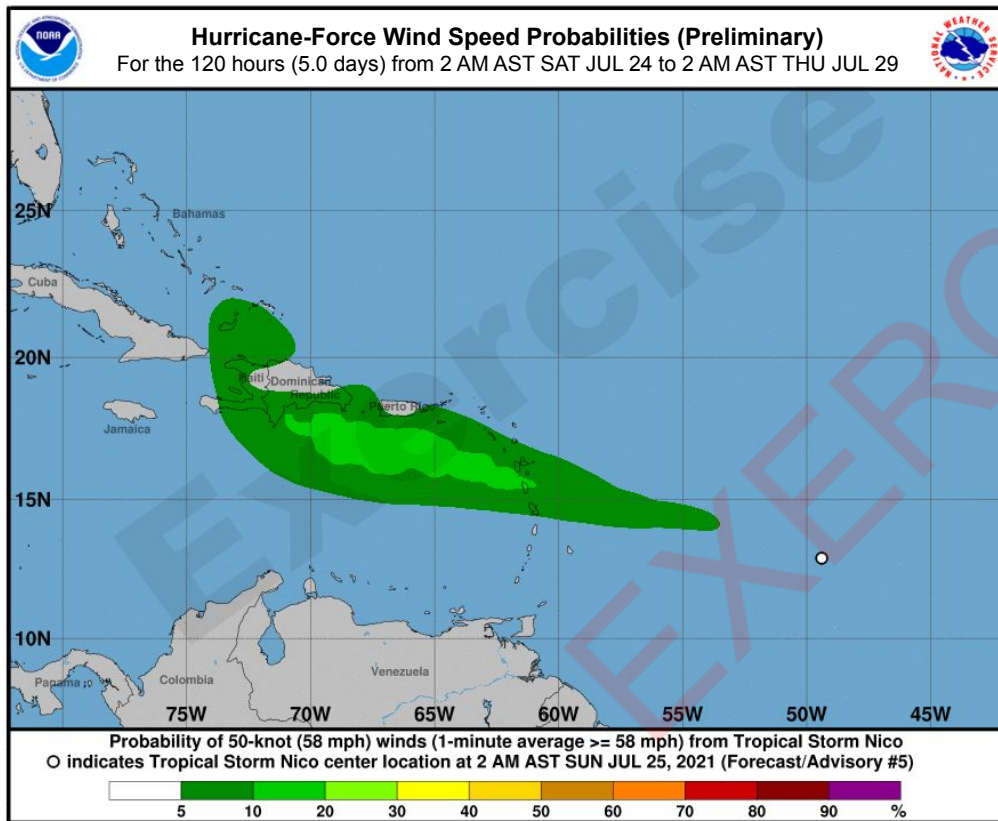
- Ponce PR 15%
 - Aguadilla PR 30%
 - San Juan PR 15%
 - Vieques PR 30%
 - St. Thomas 25%
 - St. Croix 30%
-
- Probabilities of sustained tropical storm force winds (34 kt to 63 kt) over the next 5 days, based off this cyclone's wind radii and track.

Hurricane Wind Speed Probabilities

Tropical Storm Nico



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NWS National Hurricane Center

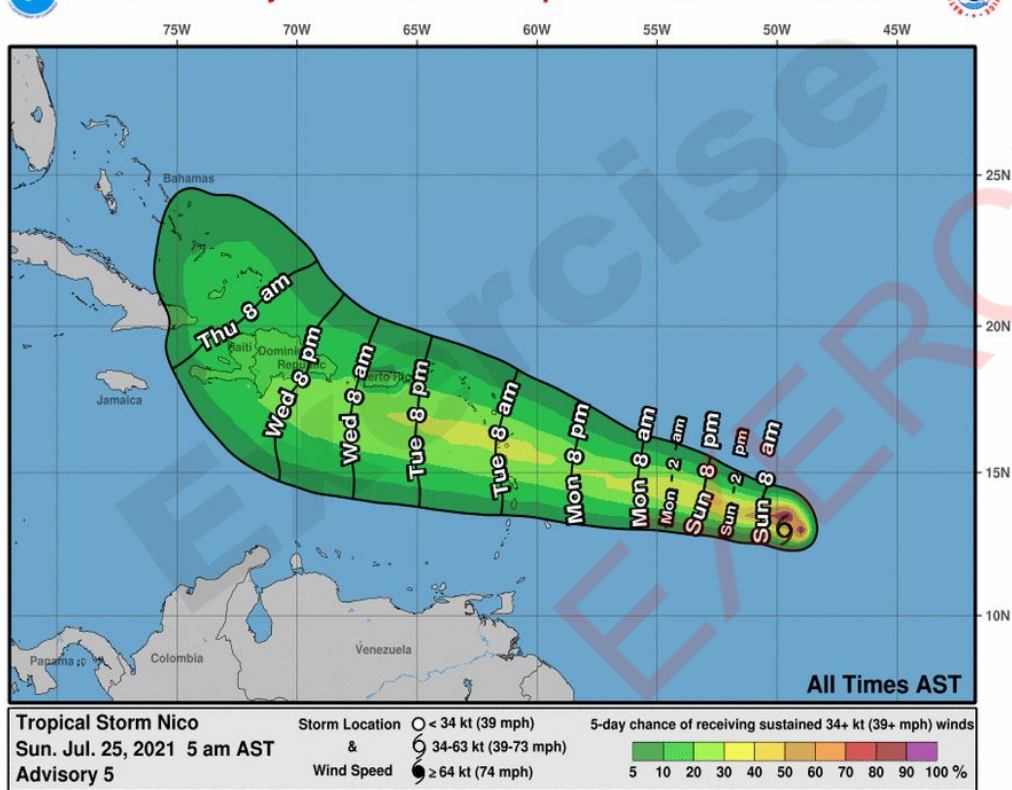


- Ponce PR <5%
 - Aguadilla PR 5%
 - San Juan PR NONE
 - Vieques PR 5%
 - St. Thomas 5%
 - St. Croix 5%
-
- Probabilities of sustained hurricane force winds (64 kt +) over the next 5 days, based off this cyclone's wind radii and track.



Tropical Storm Nico

Most Likely Arrival Time of Tropical-Storm-Force Winds



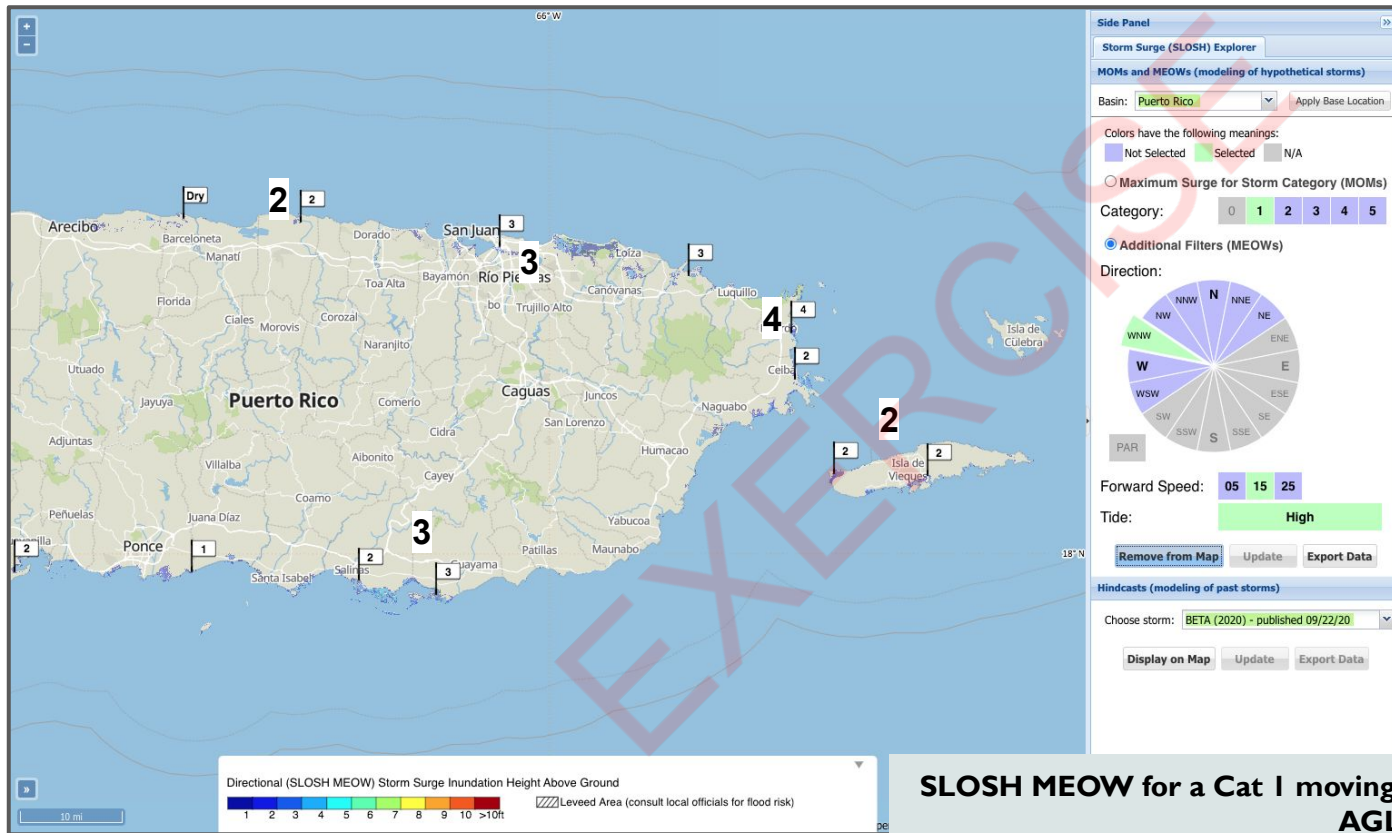
- **Puerto Rico: Tuesday night**
- The most likely time of arrival of Tropical Storm Force Winds (34kt to 63 kt) for this cyclone based off the current track and wind radii.

Potential 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 1 MEOW show inundation values below 3 ft.
- Potential storm surge is represented in feet above the ground at any given point.

SLOSH MEOW for a Cat 1 moving WNW at 15 mph at high tide - AGL



For information on expected rainfall, please refer to the Tropical Depression Lisa briefing

- If Lisa brings localized heavy rainfall over Puerto Rico and Nico moves near the island, this could exacerbate conditions.

Marine Key Messages

Tropical Storm Nico



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

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

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

Winds – **Medium**

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, 9:00 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