

IMPACTS FOR D7 (through next 5 days)

Winds – High

Storm Surge – High

Rainfall/Flash Flooding – High

Tornadoes – Low

Waves - High

Hurricane Camila BRIEFING

5:00 PM EDT

Monday, July 26, 2021

Prepared by:

Andrew Hagen

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*

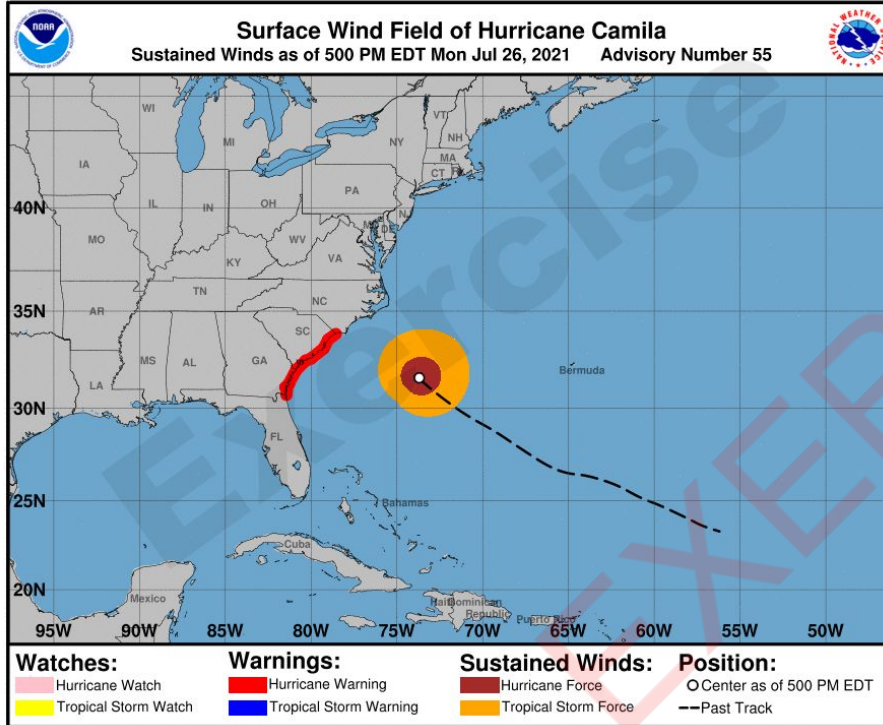


Situation Overview

Hurricane Camila



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



...Camila Expected to Turn Toward the West Soon...

...Hurricane Warnings Extended Southward to Include Georgia coast...

Summary of 500 PM EDT Information

Location... 31.6N 73.7W

About... 325 nm E of Charleston, SC

About... 380 nm E of Savannah, GA

Maximum Sustained Winds... 95 kt

Present Movement... NW at 11 kt

Size

34 kt... 160 NE 140 SE 100 SW 140 NW

Seas to 32 ft

Current Satellite View

Hurricane Camila



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

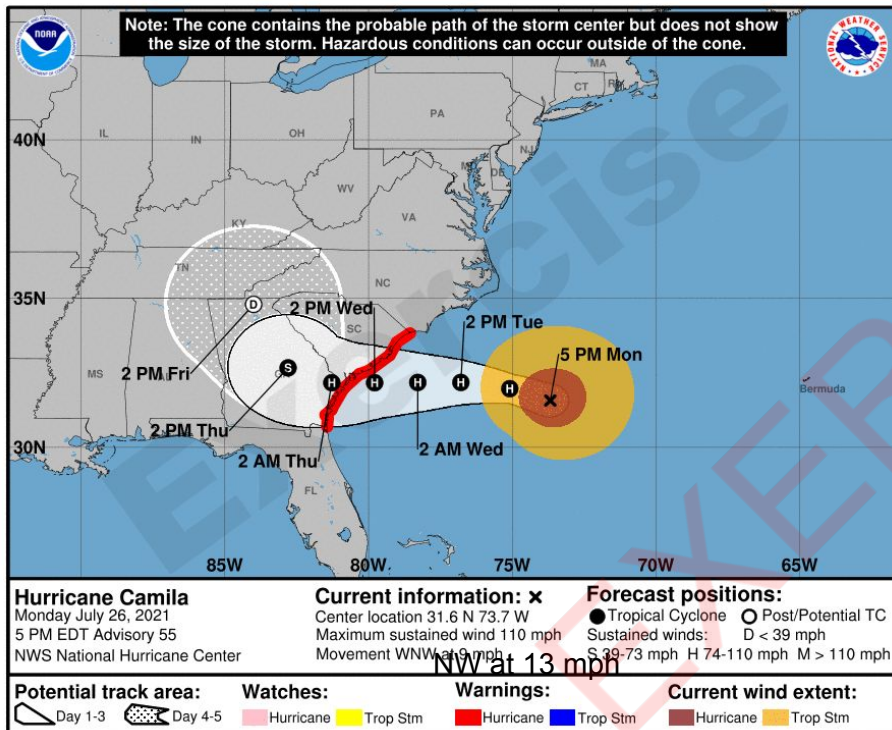


Forecast Information

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 coasts of Georgia and South Carolina

Flash flooding is possible from excessive rainfall, due to the forecast slow forward speed of Camila around the time of landfall.

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

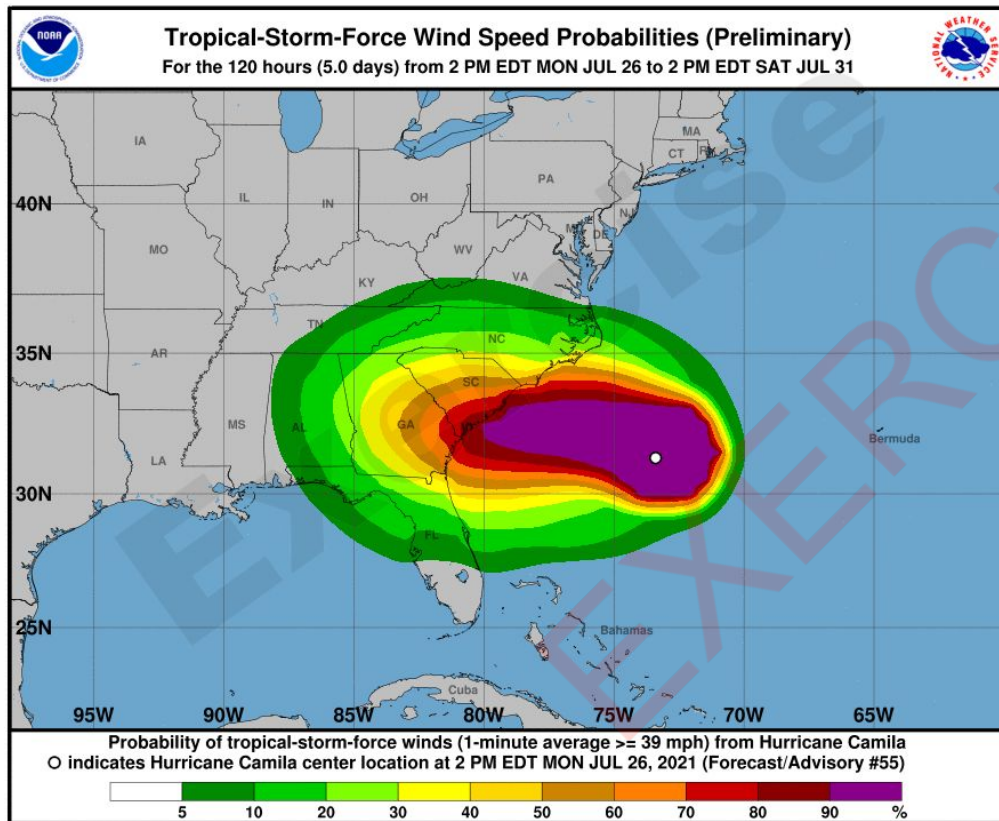
** Swaths are designed so the actual track will occur inside the cone two-thirds of the time. One-third of the time, the center will track outside the cone.

T.S. Wind Speed Probabilities

Hurricane Camila



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



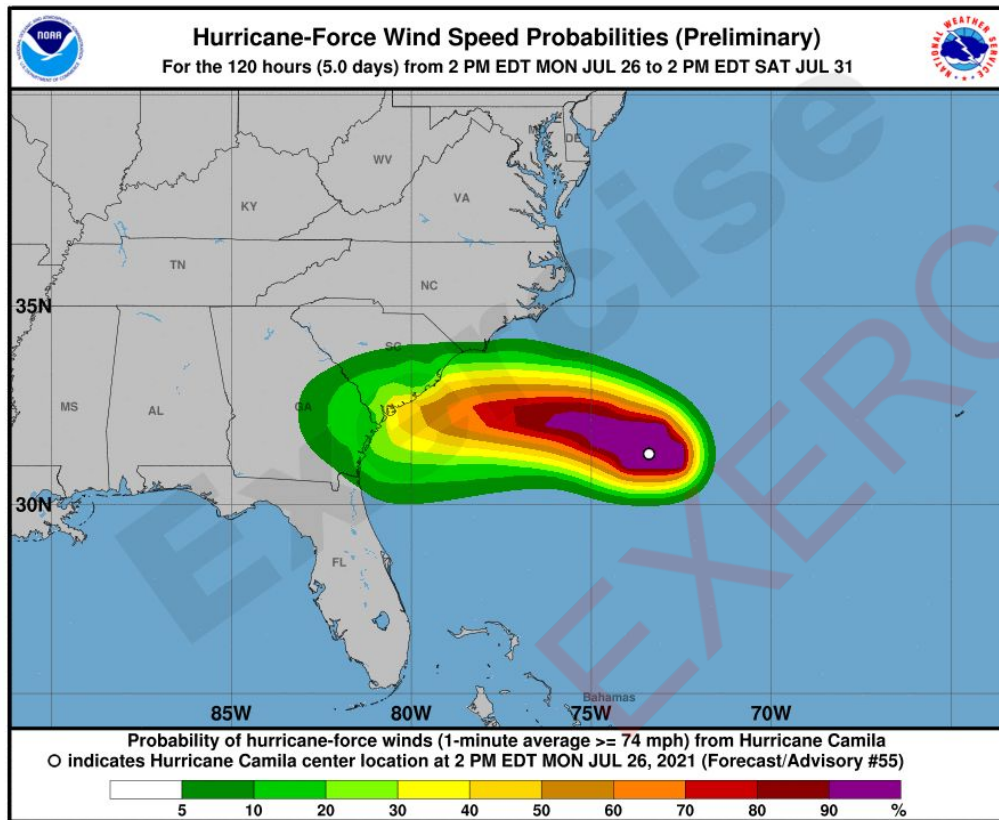
- Charleston: 85%
- Savannah: 75-80%
- Probabilities of sustained tropical storm force winds (34 kt to 63 kt) over the next 5 days, based off this cyclone's wind radii and track.

Hurricane Wind Speed Probabilities

Hurricane Camila



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



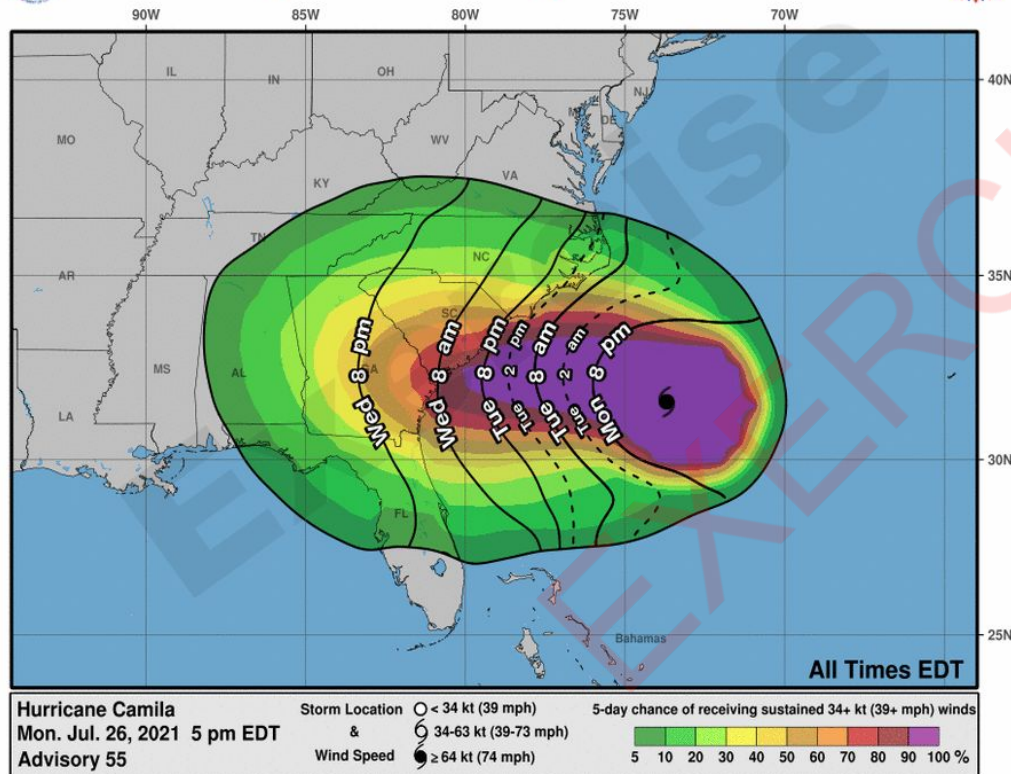
- Charleston: 25-30%
- Savannah: 20%
- Probabilities of sustained hurricane force winds (64 kt +) over the next 5 days, based off this cyclone's wind radii and track.



Hurricane Camila



Most Likely Arrival Time of Tropical-Storm-Force Winds



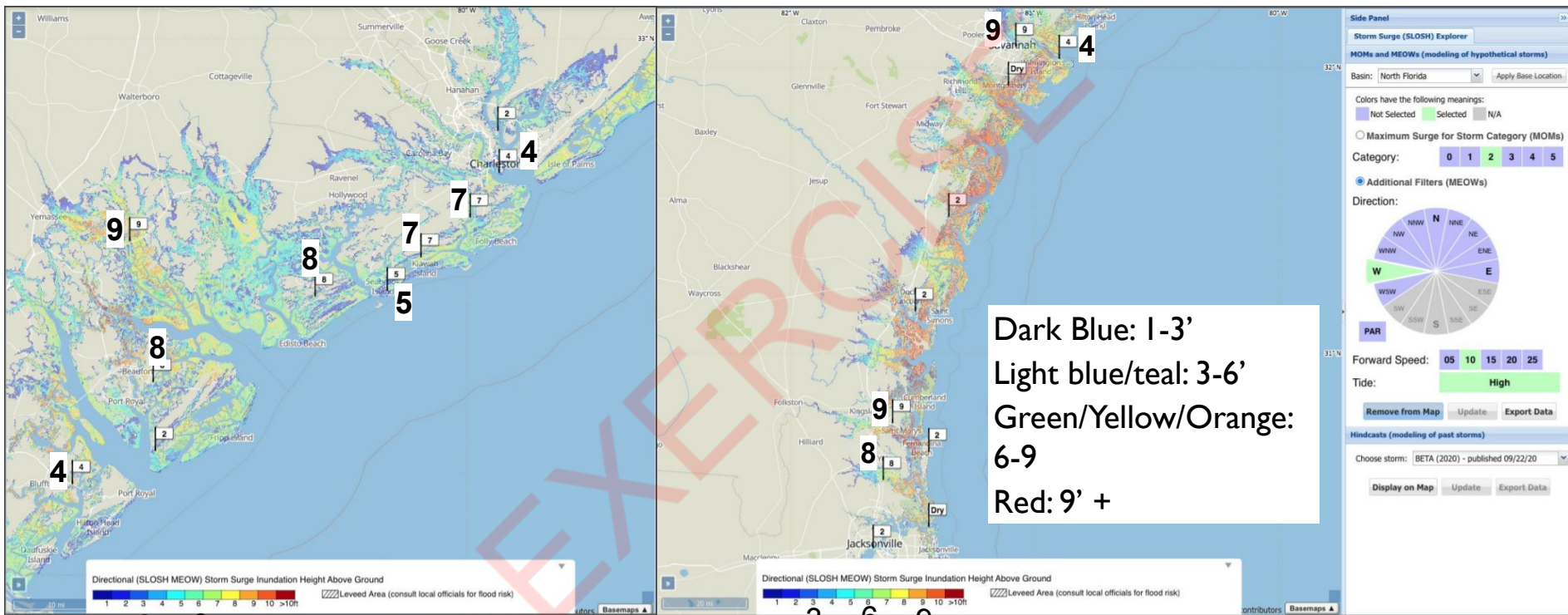
- **Charleston: Tuesday night**
- **Savannah: Wednesday morning**
- The most likely time of arrival of Tropical Storm Force Winds (34 kt to 63 kt) for this cyclone based off the current track and wind radii.

Storm Surge

Hurricane Camila

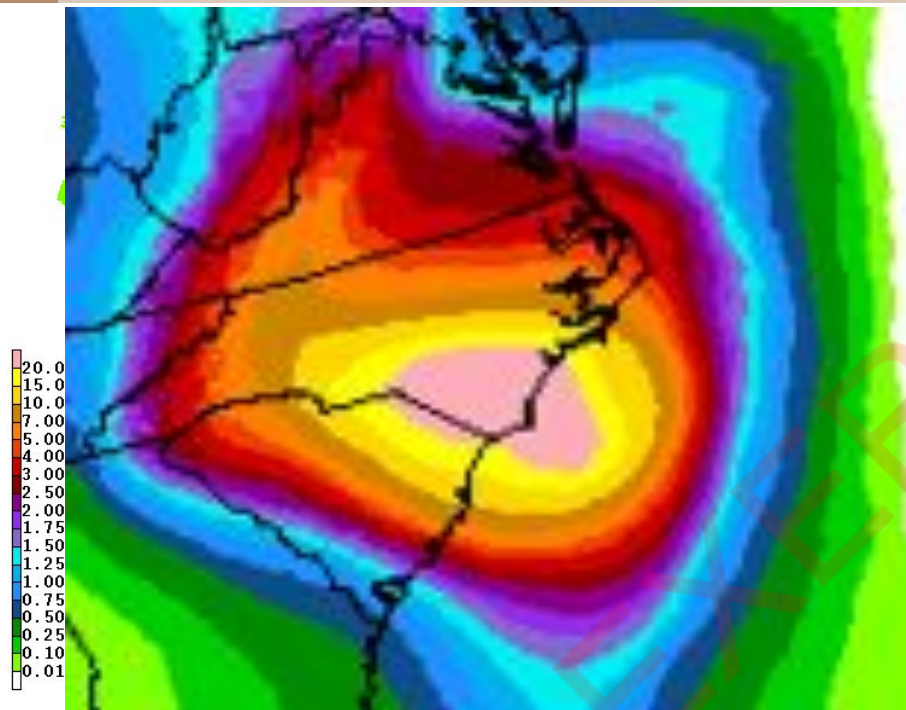


Tropical Analysis and Forecast Branch
NWS National Hurricane Center



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.



- Total rainfall in inches over the next 3 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%

Day 3
(Wednesday)

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 have expanded out to within 330 nm from the center
- Waves reach as high as 32 ft
- Waves of 25-30 ft could impact coastal waters Tuesday into Wednesday
- Large swells 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 – Medium

Waves - High

Tropical Storm Lisa BRIEFING



Prepared by:

Stephen Konarik

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*

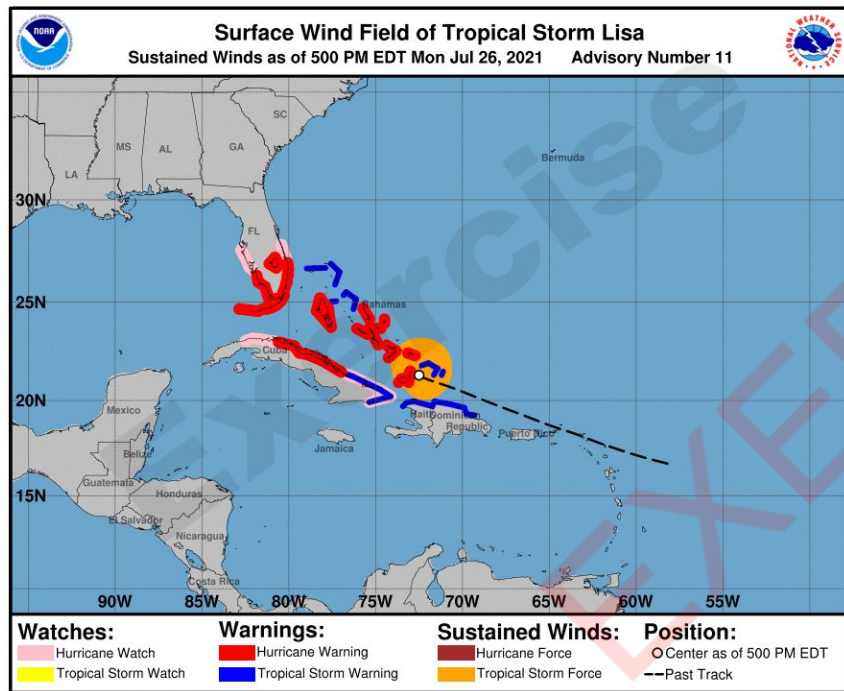


Situation Overview

Tropical Storm Lisa



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



...Lisa nearing Hurricane Strength approaching Bahamas...

Summary of 500 PM EDT Information

Location... 21.3N 72.5W
About 135 nm... NE of eastern tip of Cuba
About 510 nm... SE of Miami, FL
Maximum Sustained Winds... 60 kt
Present Movement... WNW at 14 kt

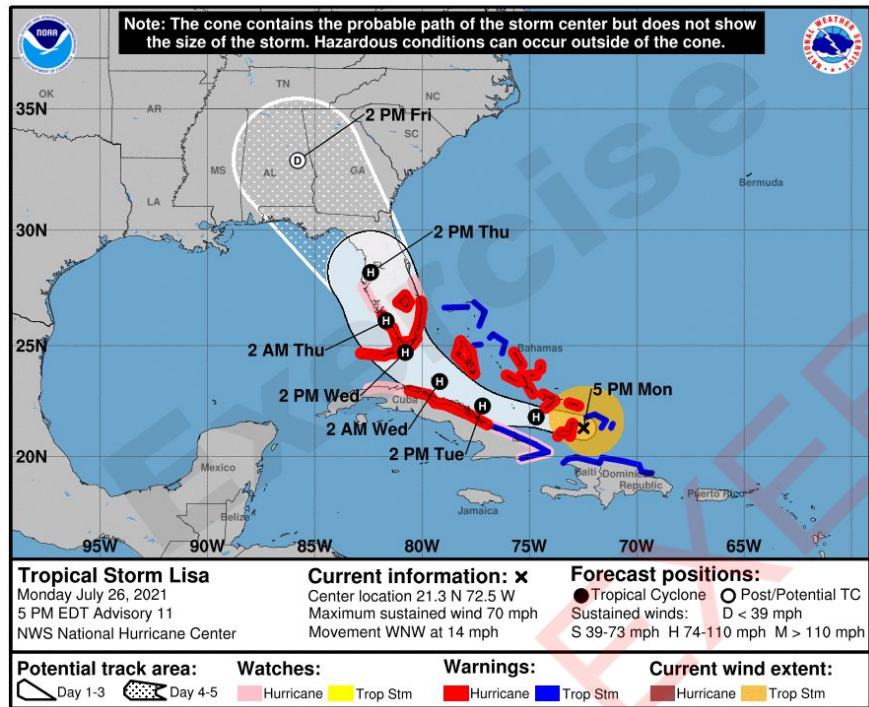
Size
34 kt..... 120NE 90SE 60SW 110NW
12 ft seas... 180NE 30SE 0SW 90NW
Seas to 20 ft

Forecast Information

Tropical Storm Lisa



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 Warning and Storm Surge Warning for South Florida and the Keys**
- **Hurricane Watch and Storm Surge Watch has been issued for Tampa Bay and much of Florida Peninsula**
- **Deteriorating conditions in South Florida starting Tuesday afternoon**
- 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

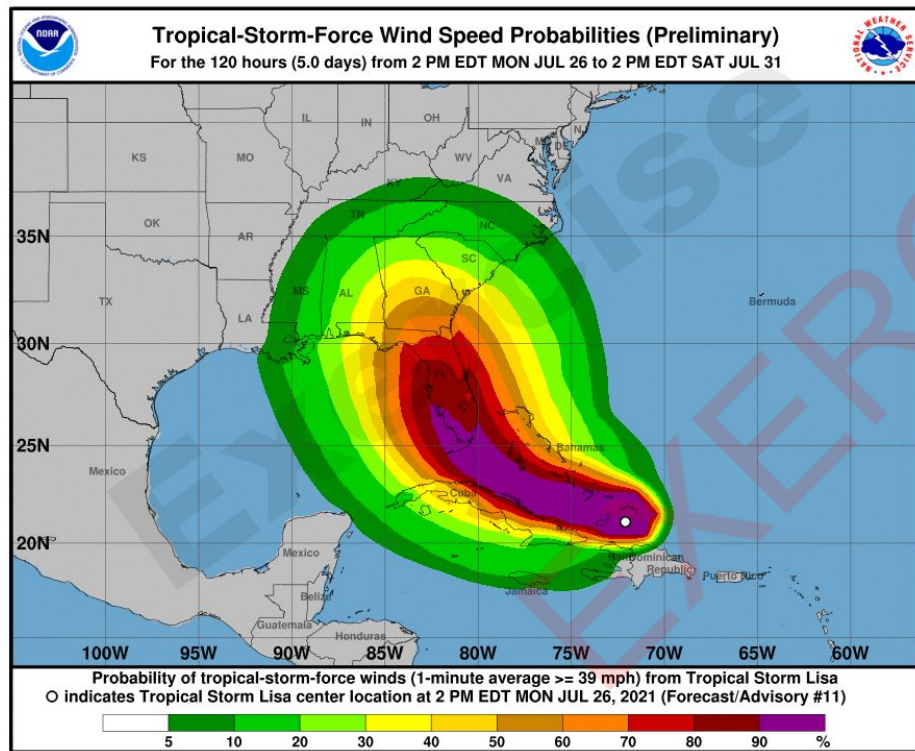
** Swaths are designed so the actual track will occur inside the cone two-thirds of the time. One-third of the time, the center will track outside the cone.

T.S. Wind Speed Probabilities

Tropical Storm Lisa



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



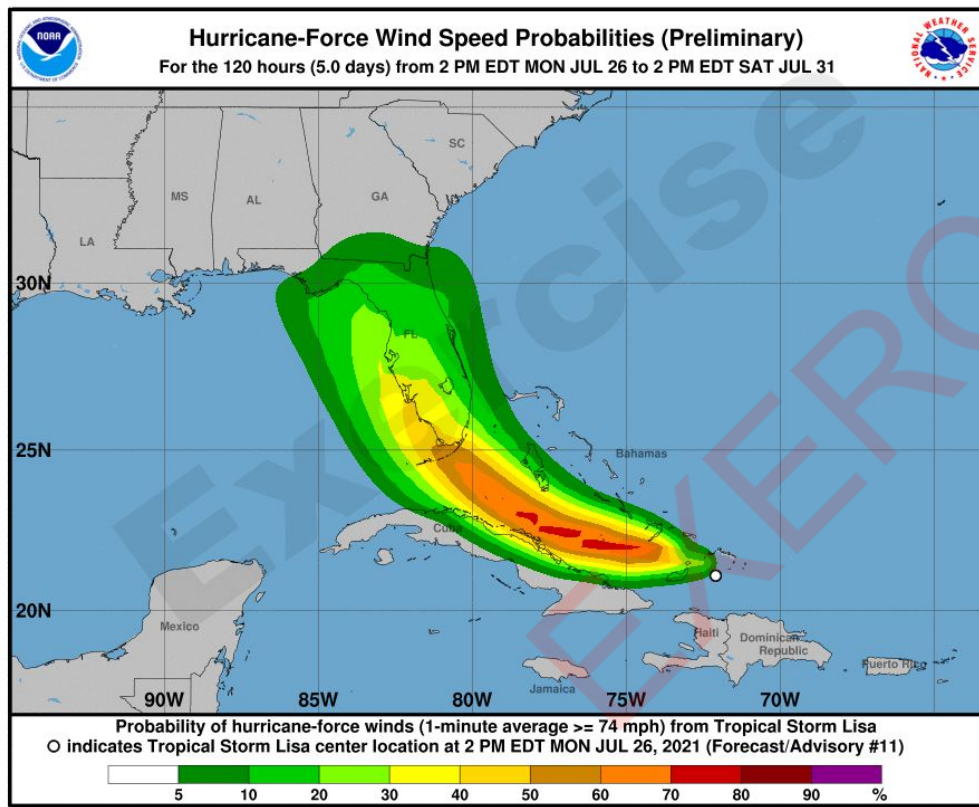
- Panama City 30%
 - Tampa 85%
 - Key West >90%
 - Miami 90%
 - Ft Lauderdale 90%
 - Cocoa Beach 80%
 - Jacksonville 45%
-
- Probabilities of sustained tropical storm force winds (34 kt to 63 kt) over the next 5 days, based off this cyclone's wind radii and track.

Hurricane Wind Speed Probabilities

Tropical Storm Lisa



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



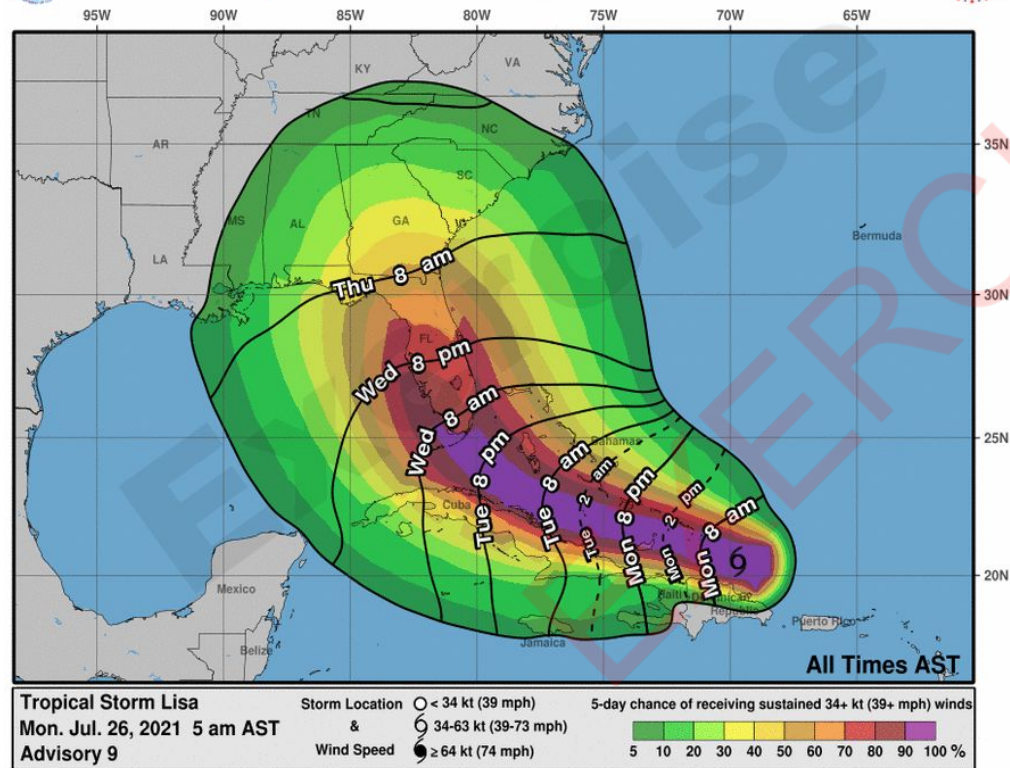
- Tampa 25%
 - Key West 45%
 - Miami 25%
 - Ft Lauderdale 25%
 - Cocoa Beach 10%
 - Jacksonville 5%
-
- Probabilities of sustained hurricane force winds (64 kt +) over the next 5 days, based off this cyclone's wind radii and track.



Tropical Storm Lisa



Most Likely Arrival Time of Tropical-Storm-Force Winds



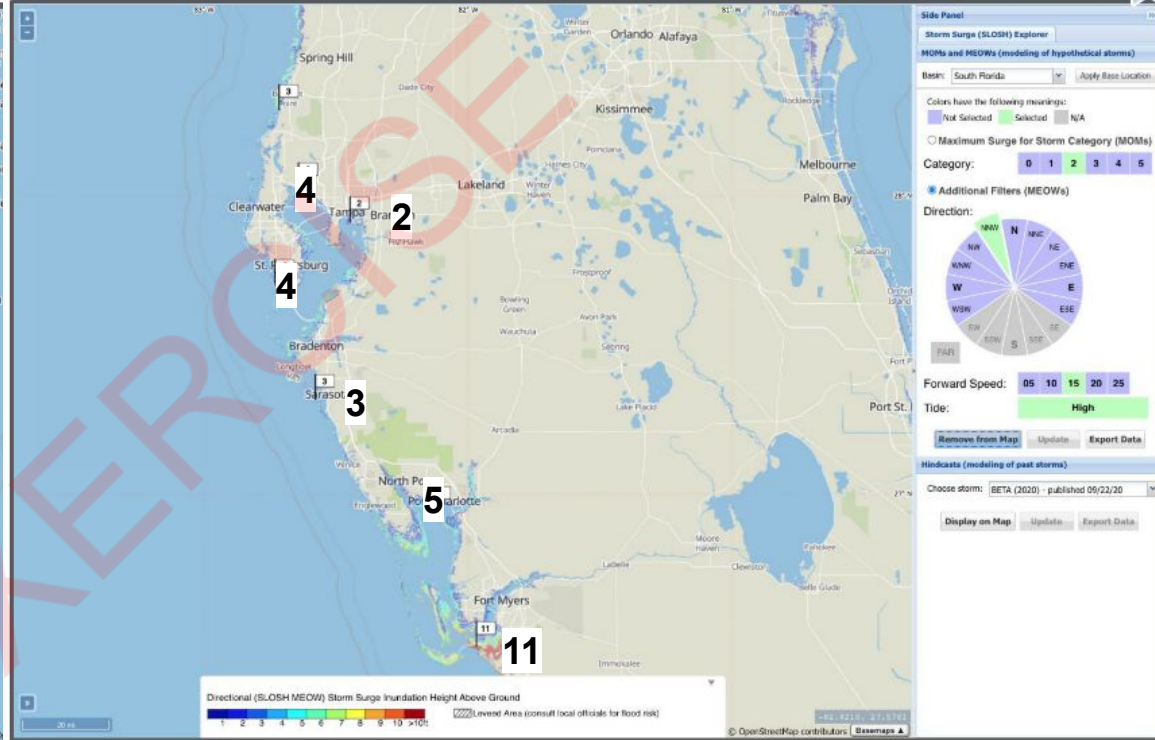
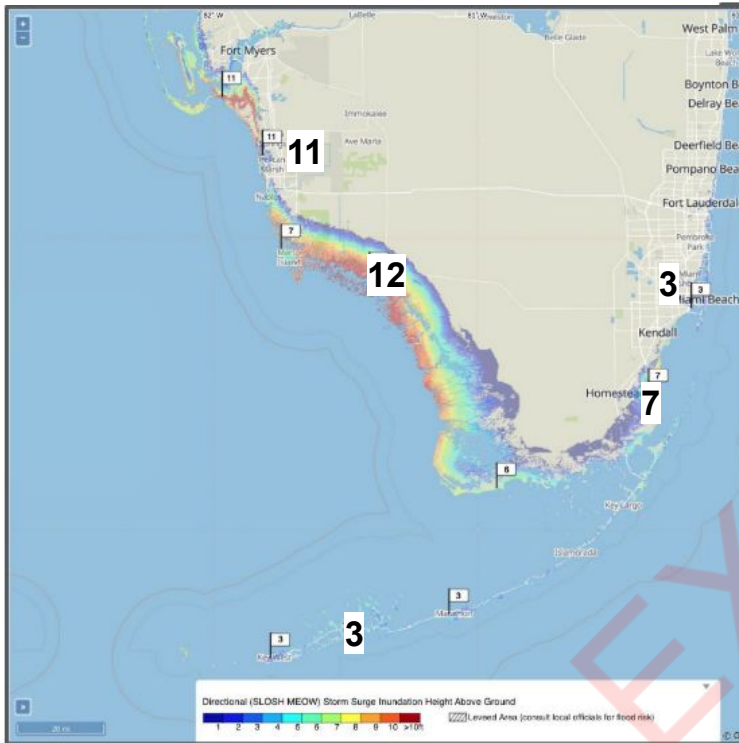
- South Florida: **Wednesday morning**
- Tampa Bay: **Wednesday evening**
- Jacksonville: **Wednesday night**
- The most likely time of arrival of Tropical Storm Force Winds (34kt to 63 kt) for this cyclone based off the current track and wind radii.

Storm Surge

Tropical Storm Lisa

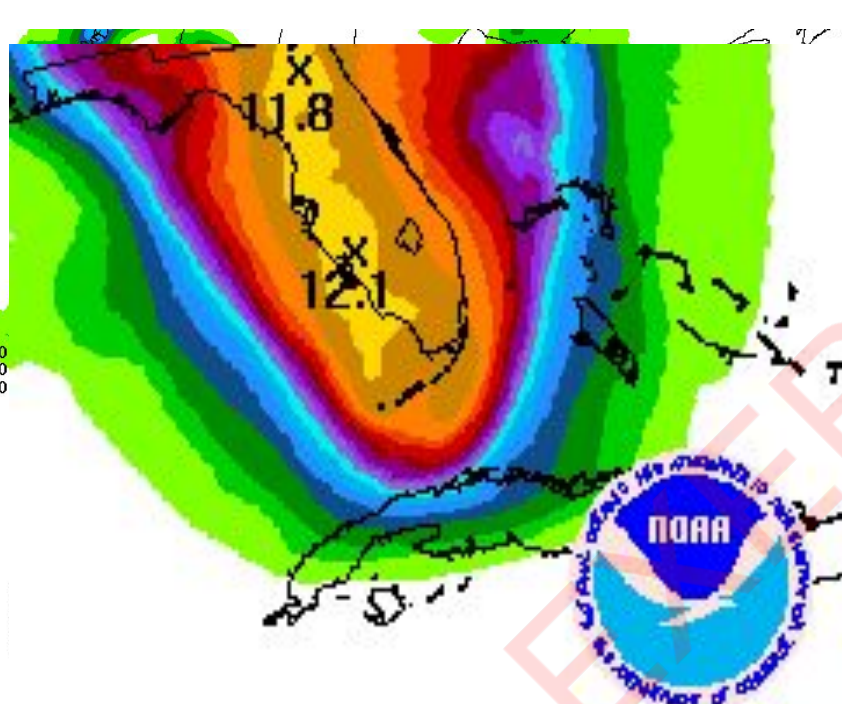


Tropical Analysis and Forecast Branch
NWS National Hurricane Center



SLOSH MEOw for a Cat 2 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 3 days
- Rainfall amounts 6-12" with localized amounts of 20" 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

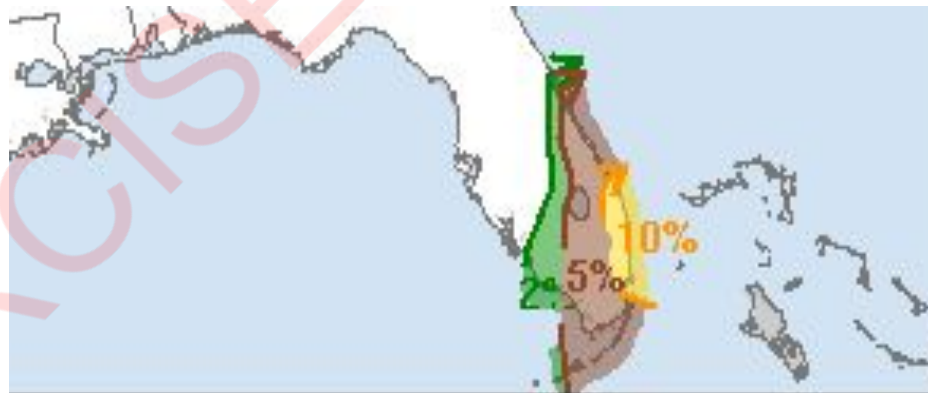
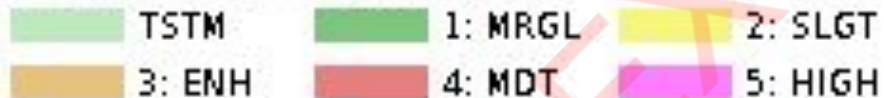
Tropical Storm Lisa



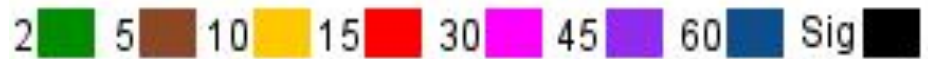
Tropical Analysis and Forecast Branch
NWS National Hurricane Center



Categorical Outlook Legend:



Tornado Probability Legend (in %):



Day 2 (Tuesday)

Marine Key Messages

Tropical Storm Lisa



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

- 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 – Medium

Waves – High

IMPACTS FOR D7 (through next 5 days)

Winds – High

Storm Surge – Medium

Rainfall/Flash Flooding – High

Tornadoes – None

Waves - High

Tropical Storm Nico BRIEFING



Prepared by:

Amanda Reinhart

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*

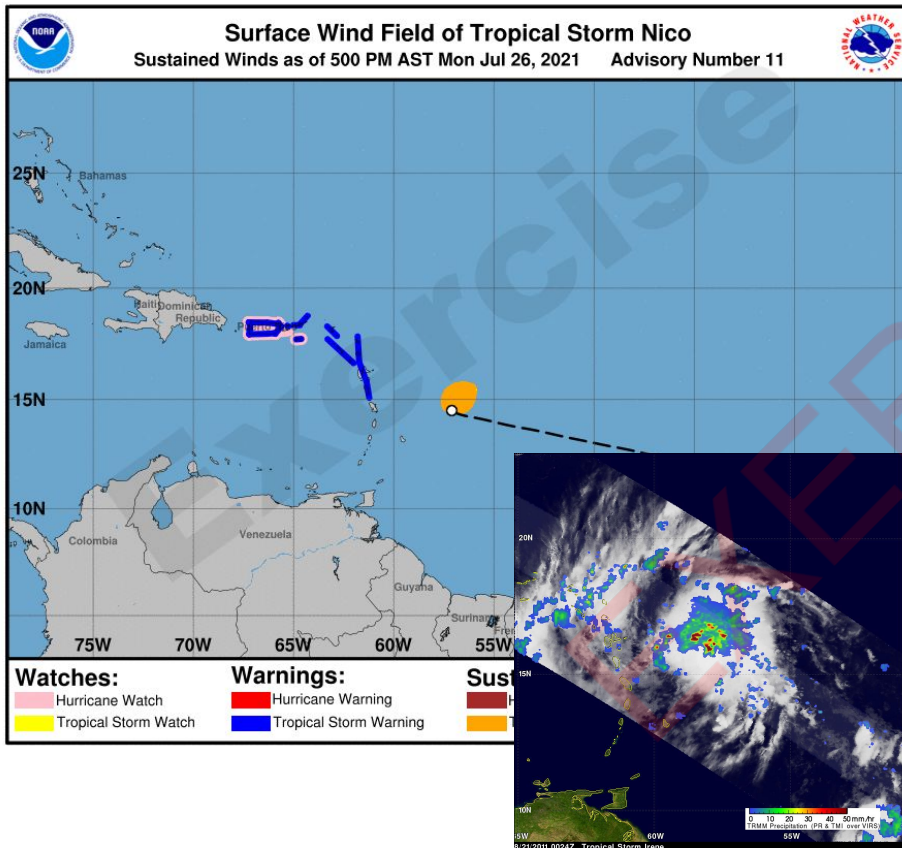


Situation Overview

Tropical Storm Nico



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



**...NICO A LITTLE STRONGER...
...HURRICANE WATCH ISSUED FOR
PUERTO RICO...**

Summary of 500 PM AST Information

Location... 14.5N 57.1W
About... 250 nm ESE of the Lesser Antilles
About... 570 nm ESE of San Juan Puerto Rico
Maximum Sustained Winds... 45 kt
Present Movement... WNW at 14 kt

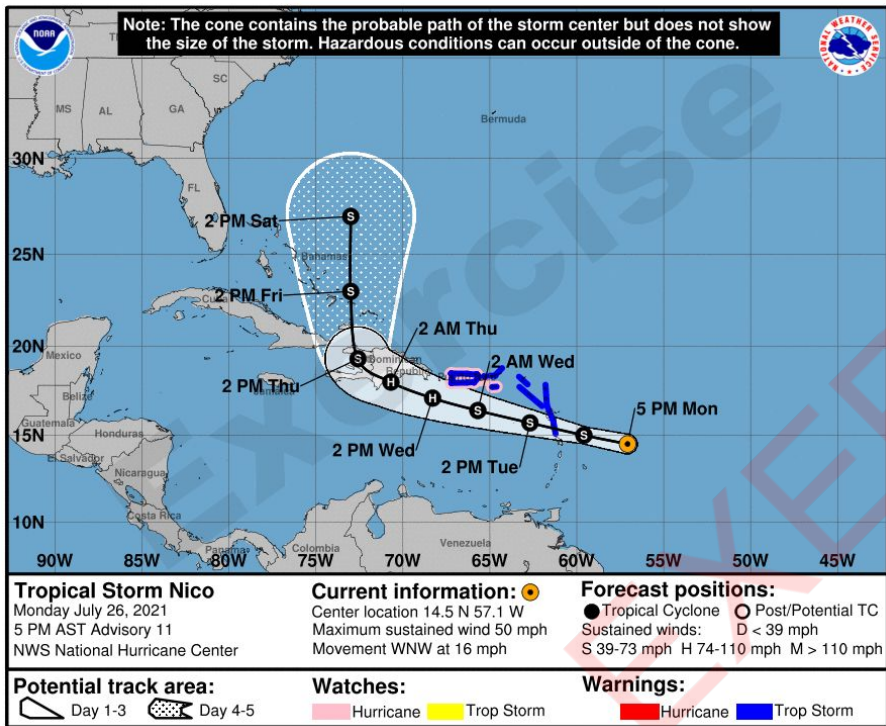
Size
34 kt.....100NE 0SE 0SW 45NW.
Seas to 18 ft

Forecast Information

Tropical Storm Nico



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



- **Nico will enter the Caribbean by midday Tuesday as a tropical storm**
- **A Hurricane Watch and Storm Surge Watch has been issued for Puerto Rico/USVI**
- **System expected to strengthen to a hurricane by early Wednesday and could potentially impact the southern portion of the island**
- **Nico expected to turn into Hispaniola and continue moving north across the Bahamas later in the week with no threat to the SE US**

- 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.

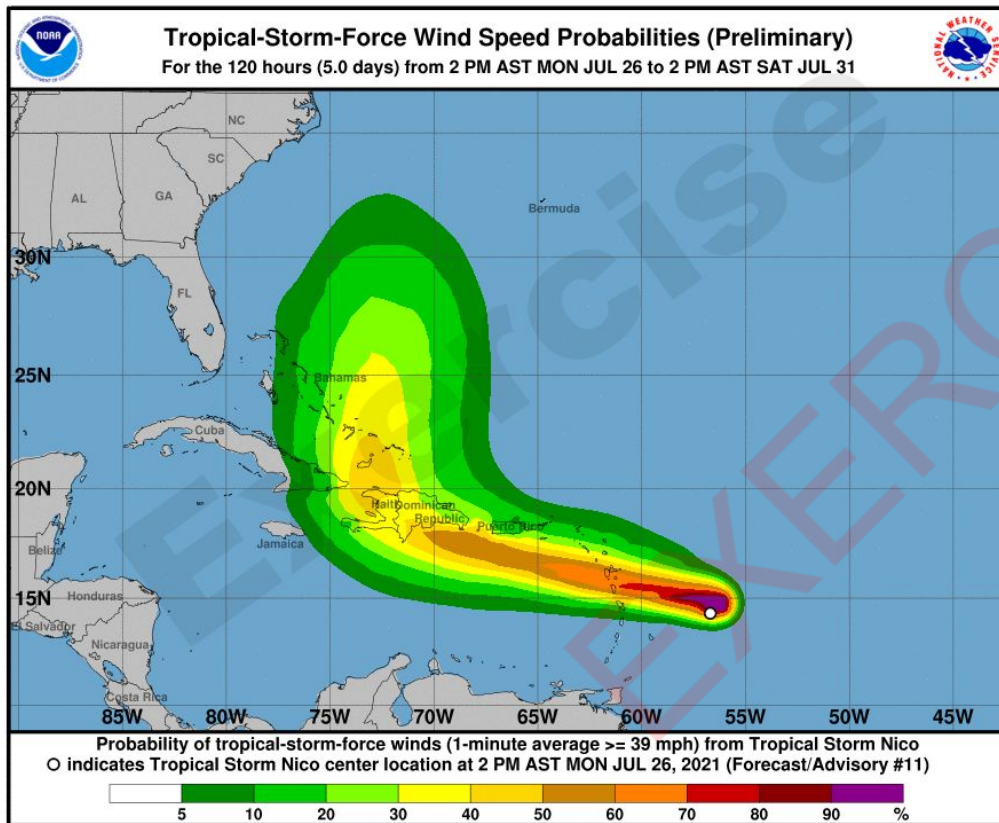
** Swaths are designed so the actual track will occur inside the cone two-thirds of the time. One-third of the time, the center will track outside the cone.

T.S. Wind Speed Probabilities

Tropical Storm Nico



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



- Ponce PR 35%
 - Aguadilla PR 50%
 - San Juan PR 20%
 - Vieques PR 35%
 - St. Thomas 30%
 - St. Croix 45%
-
- 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

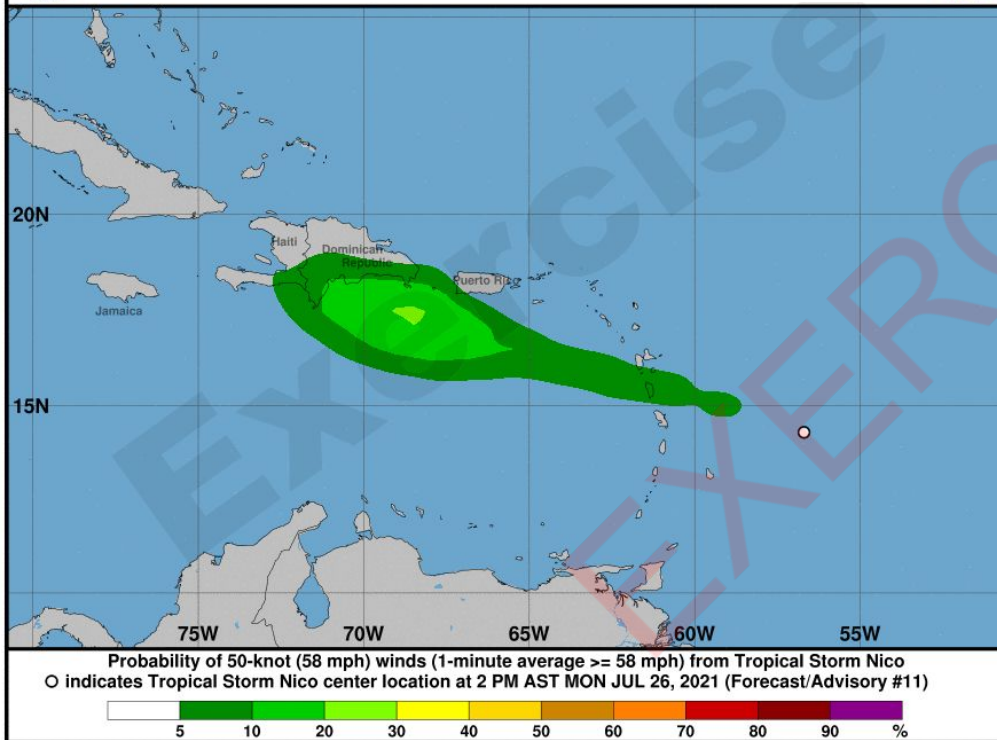
Tropical Storm Nico



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

Hurricane-Force Wind Speed Probabilities (Preliminary)

For the 120 hours (5.0 days) from 2 AM AST SAT JUL 24 to 2 AM AST THU JUL 29



- Ponce PR 5%
 - Aguadilla PR 10%
 - San Juan PR <5%
 - Vieques PR 5%
 - St. Thomas NONE
 - 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.

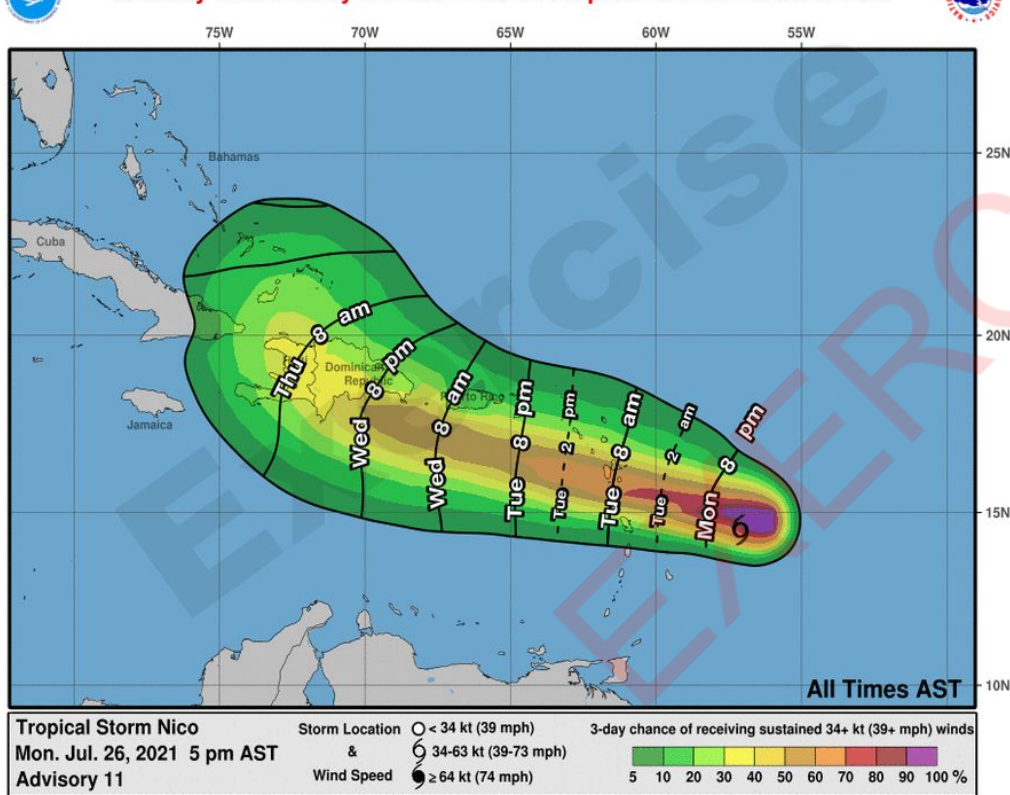
Most Likely Time of Arrival and Tropical Storm Wind Speed Probabilities



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

Tropical Storm Nico

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



■ Puerto Rico: **Tuesday night**

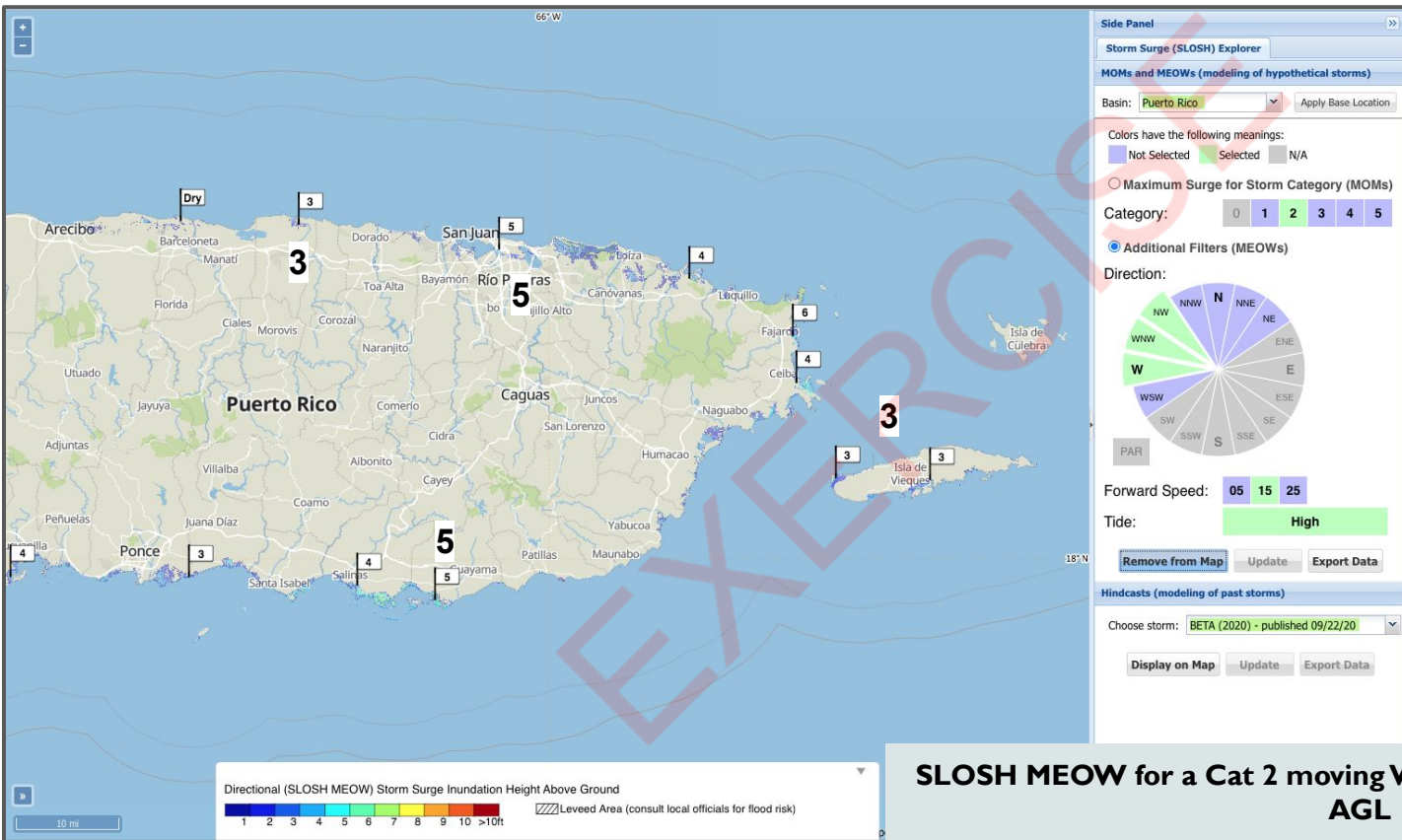
- The most likely time of arrival of Tropical Storm Force Winds (34kt to 63 kt) for this cyclone based off the current track and wind radii.

Storm Surge

Tropical Storm Nico



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



SLOSH MEOW for a Cat 2 moving WNW at 15 mph at high tide - AGL

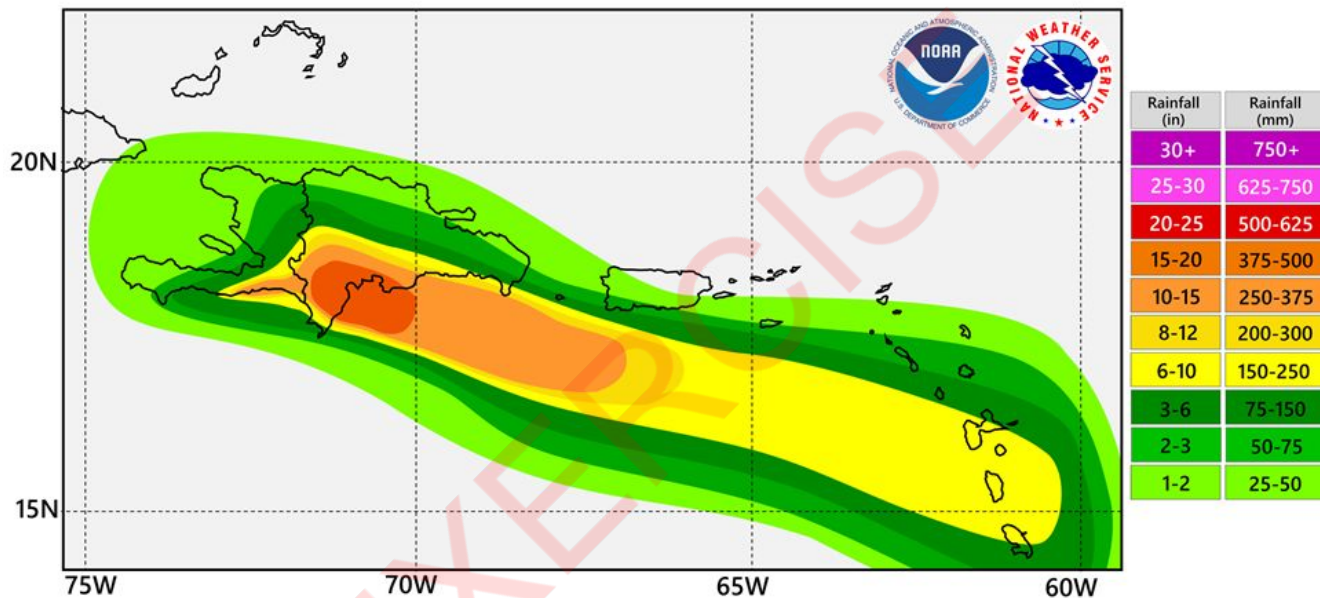
- Areas at risk for a Cat 2 MEOW show inundation values at 2-4 ft AGL.
- Southeast coast of St. Thomas Island is showing values up to 6 ft AGL.
- Potential storm surge is represented in feet above the ground at any given point.

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 3-6" with locally higher amounts
- This could bring life-threatening flash flooding and mudslides



- Seas could build to 20 ft south of Puerto Rico Tuesday night through Wednesday

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

Winds – **High**

Storm Surge – **Medium**

Rainfall/Flash Flooding – **High**

Tornadoes – **None**

Waves – **High**



BRIEFING

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

The Next Briefing Will Be:
Tuesday, 9:00 AM EDT

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