

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

Tuesday, July 27, 2021

Prepared by:

Andrew Hagen

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*

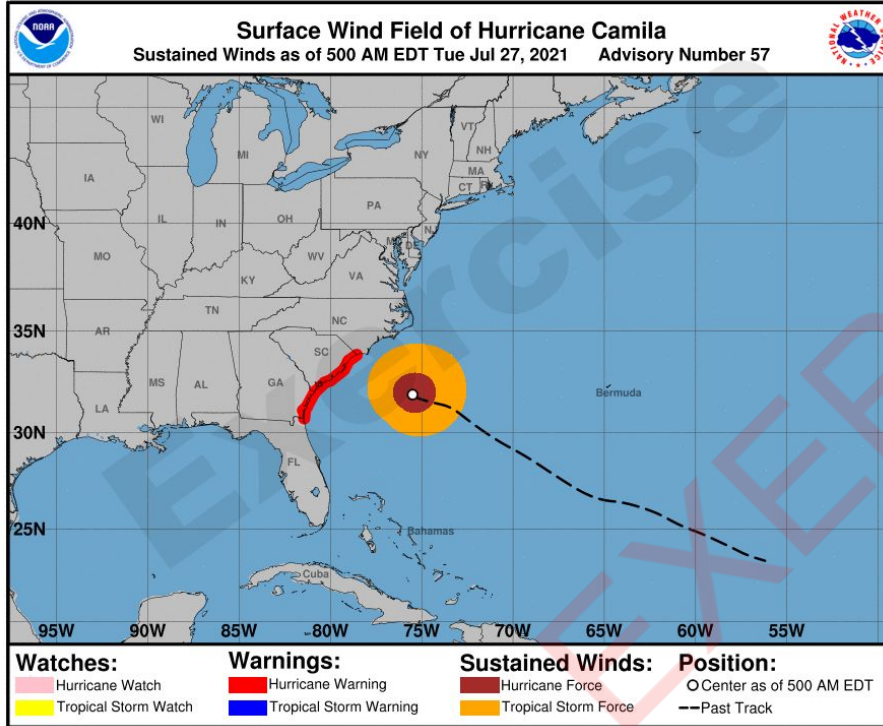


Situation Overview

Hurricane Camila



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



...Camila Heading Toward the Coasts of South Carolina and Georgia...

Summary of 500 AM EDT Information

Location... 31.9N 75.5W

About... 230 nm ESE of Charleston, SC

About... 285 nm E of Savannah, GA

Maximum Sustained Winds... 90 kt

Present Movement... WNW at 8 kt

Size

34 kt... 160 NE 140 SE 110 SW 140 NW

Seas to 30 ft

Current Satellite View

Hurricane Camila



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

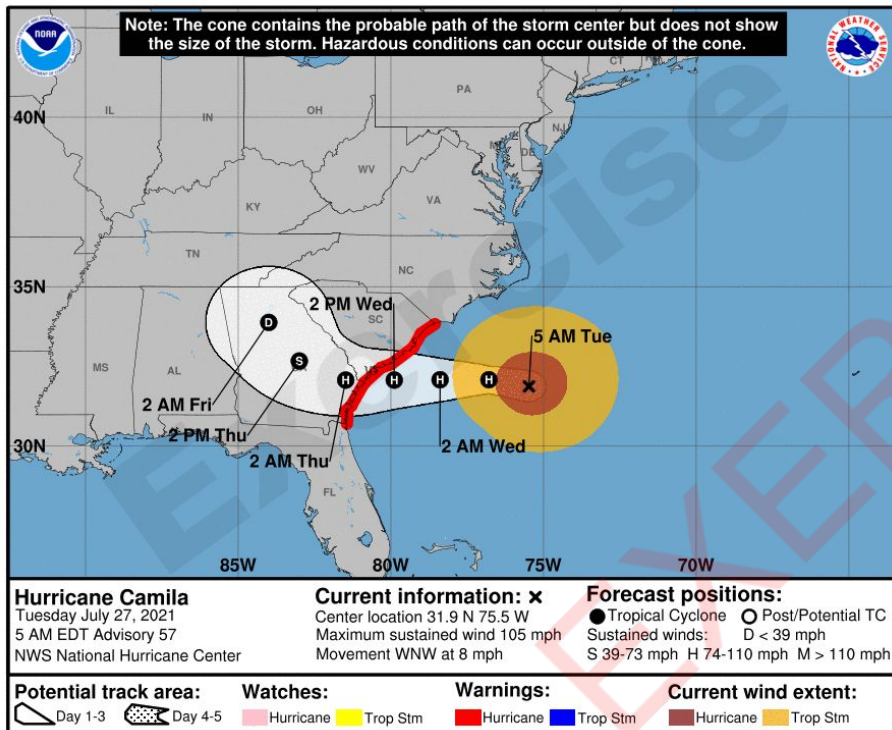


Forecast Information

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 coasts of Georgia and South Carolina. Preparations to protect life and property should be rushed to completion.**

- **Flash flooding is possible from excessive rainfall, due to the slow forward speed of Camila.**

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

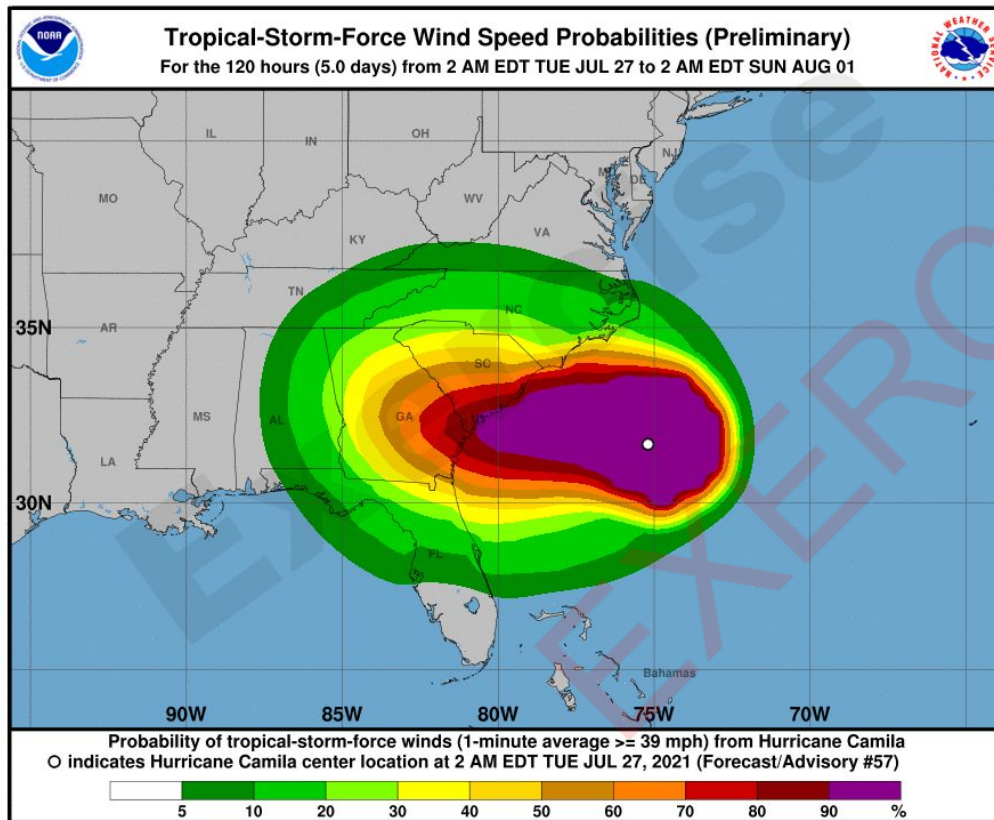
** Swaths are designed so the actual track will occur inside the cone two-thirds of the time. One-third of the time, the center will track outside the cone.

T.S. Wind Speed Probabilities

Hurricane Camila



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



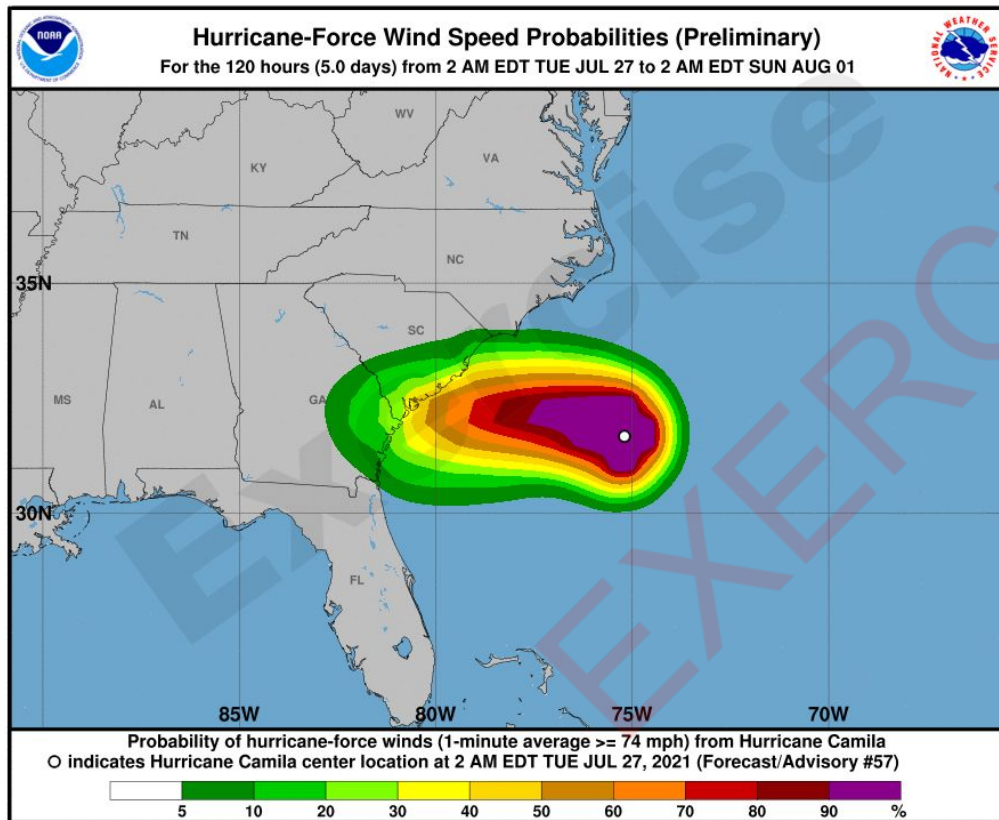
- Charleston: 85-90%
- Savannah: 85%
- Probabilities of sustained tropical storm force winds (34 kt to 63 kt) over the next 5 days, based off this cyclone's wind radii and track.

Hurricane Wind Speed Probabilities

Hurricane Camila



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



- Charleston: 35-40%
- Savannah: 25-30%
- 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

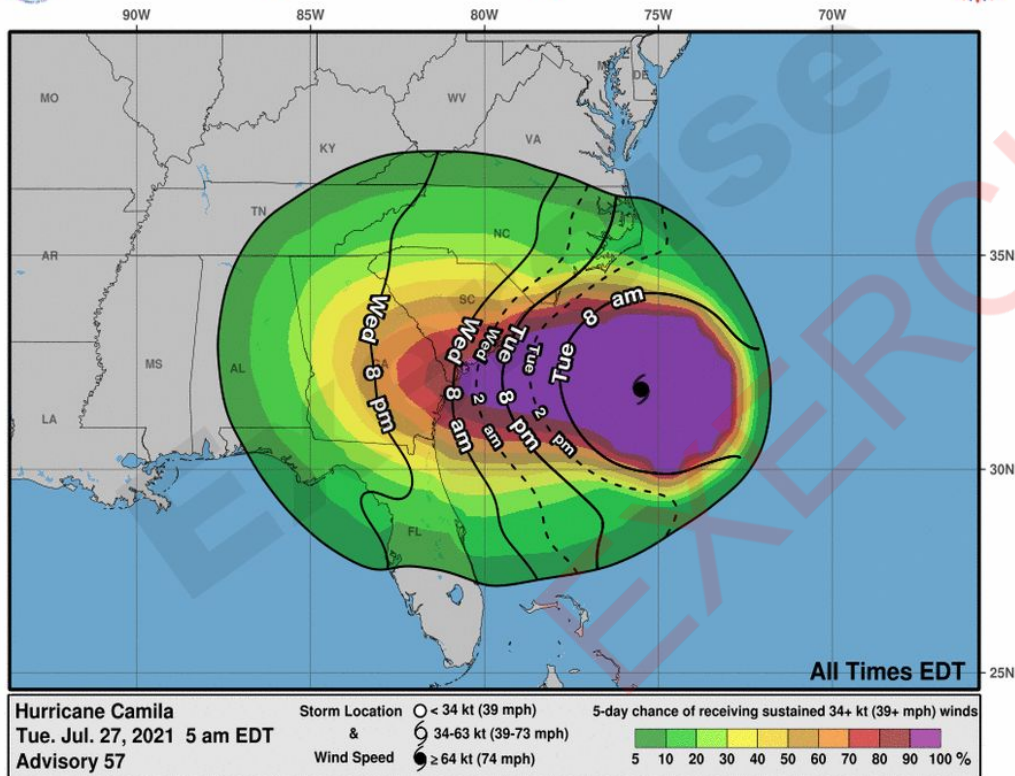


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NWS National Hurricane Center

Hurricane Camila



Most Likely Arrival Time of Tropical-Storm-Force Winds



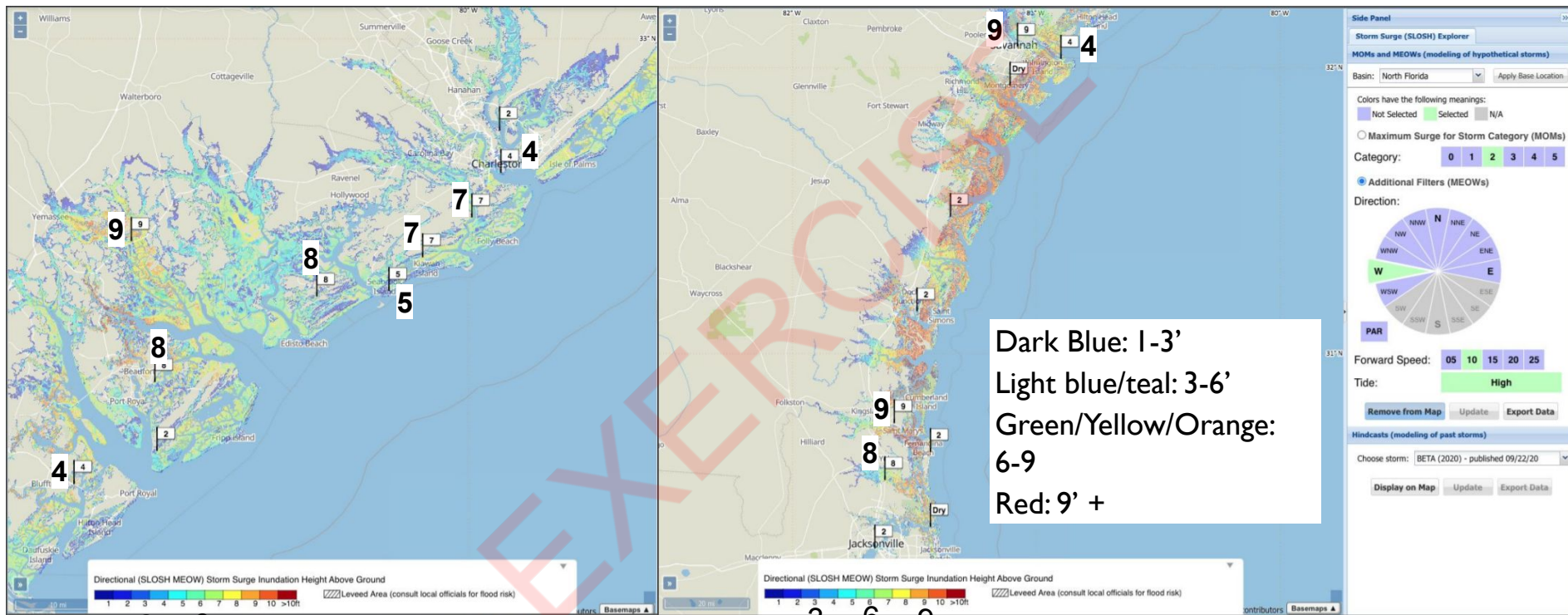
- **Charleston: Tuesday night**
- **Savannah: Wednesday morning**
- The most likely time of arrival of Tropical Storm Force Winds (34 kt to 63 kt) for this cyclone based off the current track and wind radii.

Storm Surge

Hurricane Camila

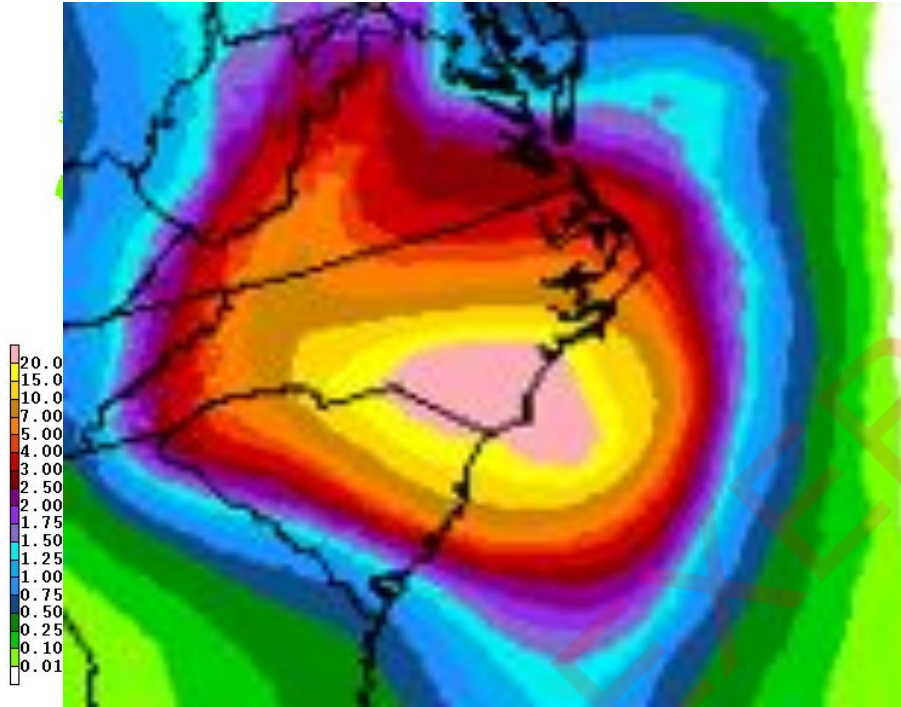


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NWS National Hurricane Center



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 2-3
(Wed-Thu)

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



Tonight - Wednesday

Marine Key Messages

Hurricane Camila



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

- Seas greater than 12 ft continue within 330 nm from the center
- Waves are currently reaching as high as 30 ft
- Waves in coastal waters will increase to 25-30 ft later today through Wednesday

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

Hurricane Lisa BRIEFING



Prepared by:

Stephen Konarik

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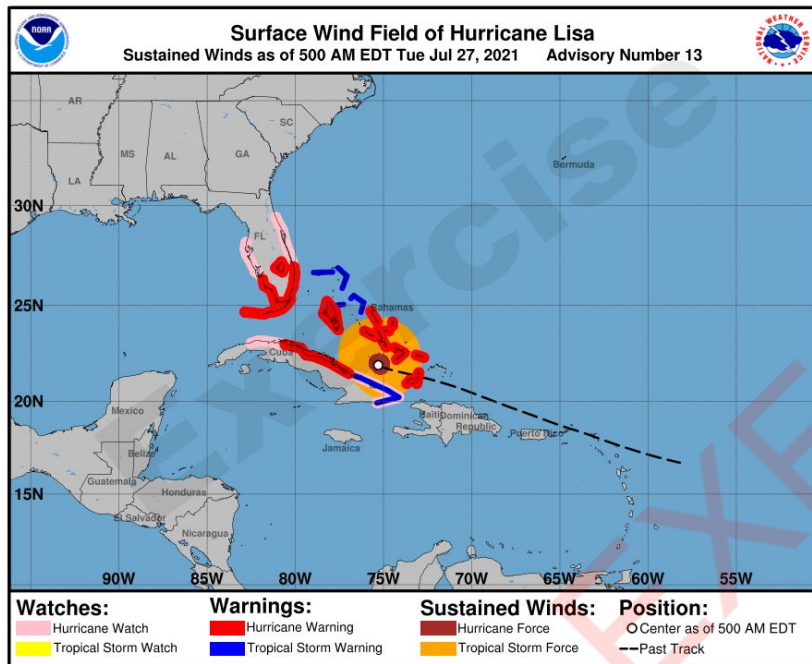


Situation Overview

Hurricane Lisa



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



...Hurricane Lisa Churning through SE Bahamas...

Summary of 500 AM EDT...0900 UTC...Information

Location... 21.9N 75.3W

About 170 nm... ENE of Camaguey, Cuba

About 360 nm... SE of Miami, FL

Maximum Sustained Winds...90 kt

Present Movement... WNW at 14 kt

Size

34 kt... 150NE 120SE 90SW 150NW

12 ft seas... 210NE 30SE 0SW 120NW

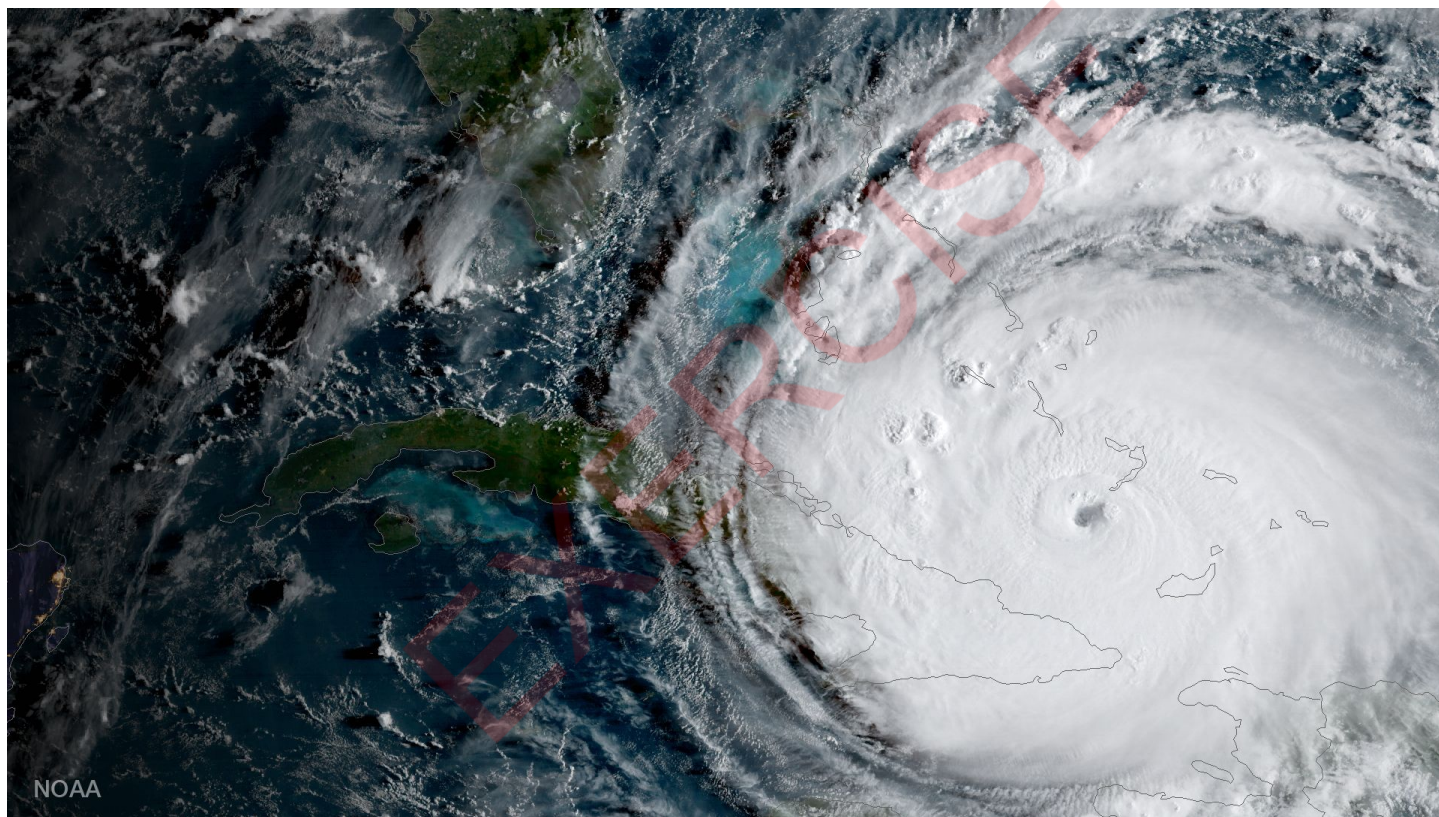
Seas to 30 ft

Current Satellite View

Hurricane Lisa



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

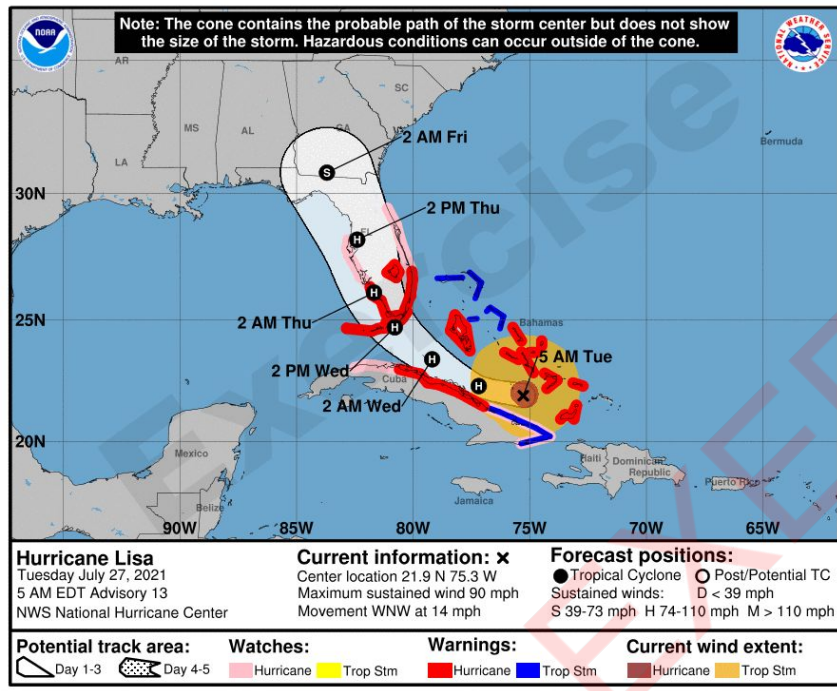


Forecast Information

Hurricane Lisa



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



- **Hurricane Warning and Storm Surge Warning for South Florida and the Keys**
- **Hurricane Watch and Storm Surge Watch for Tampa Bay and much of Florida Peninsula**
- **Increasing confidence that tropical storm and hurricane conditions will impact South Florida**

- 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.

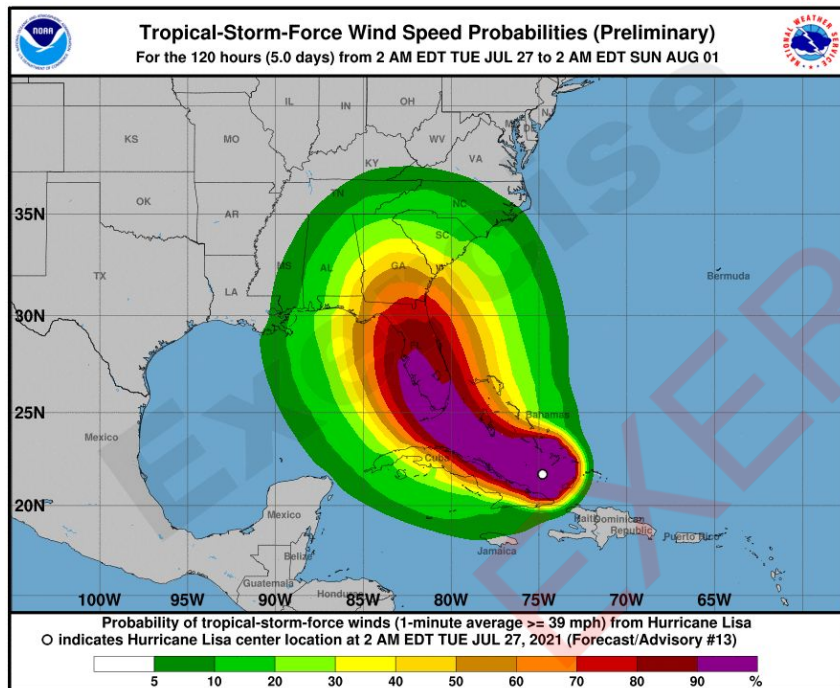
NOTE: Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.

T.S. Wind Speed Probabilities

Hurricane Lisa



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



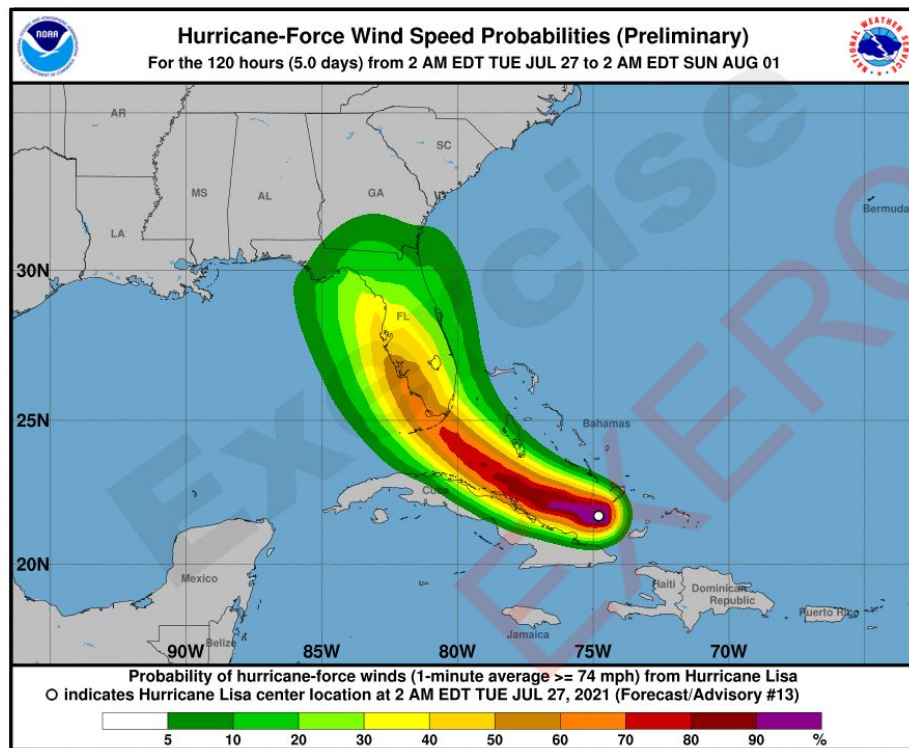
- Panama City 30%
 - Tampa >90%
 - Key West >90%
 - Miami >90%
 - Ft Lauderdale >90%
 - Cocoa Beach 85%
 - Jacksonville 50%
-
- Probabilities of sustained tropical storm force winds (34 kt to 63 kt) over the next 5 days, based off this cyclone's wind radii and track.

Hurricane Wind Speed Probabilities

Hurricane Lisa



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



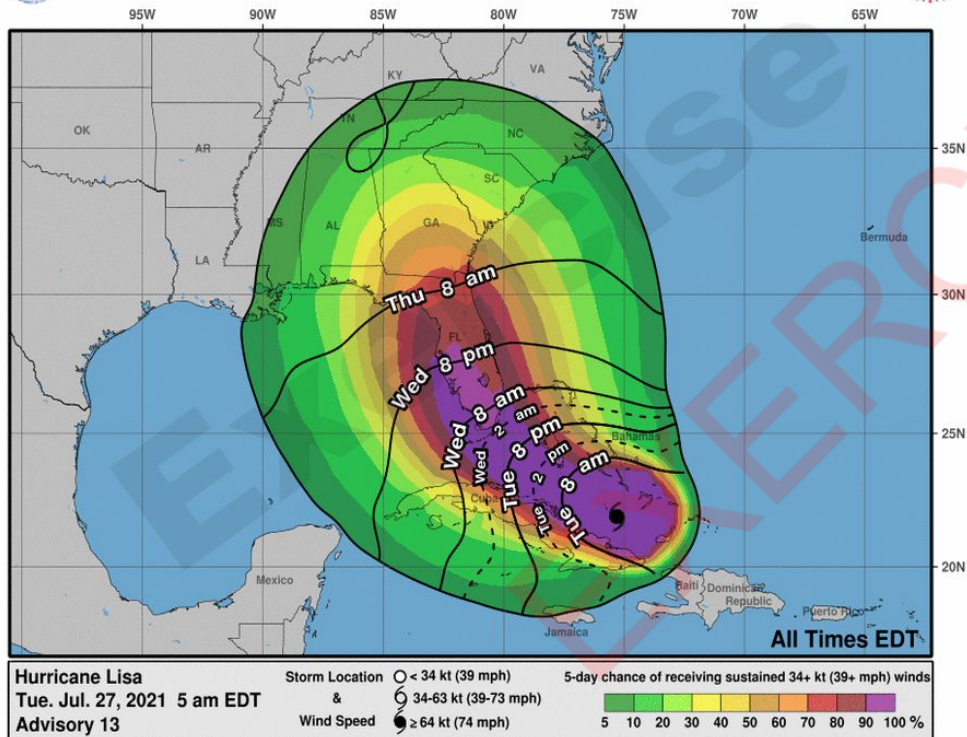
- Tampa 40%
 - Key West 60%
 - Miami 35%
 - Ft Lauderdale 35%
 - Cocoa Beach 20%
 - Jacksonville 5%
-
- Probabilities of sustained hurricane force winds (64 kt +) over the next 5 days, based off this cyclone's wind radii and track.



Hurricane Lisa



Most Likely Arrival Time of Tropical-Storm-Force Winds



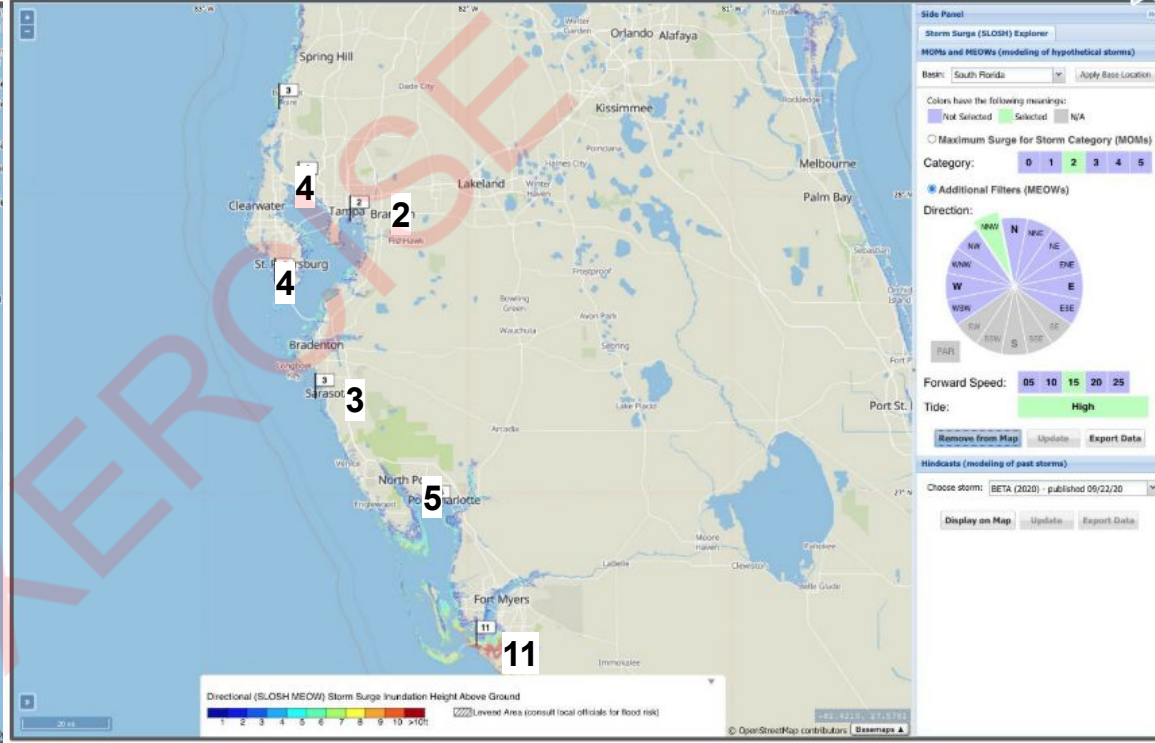
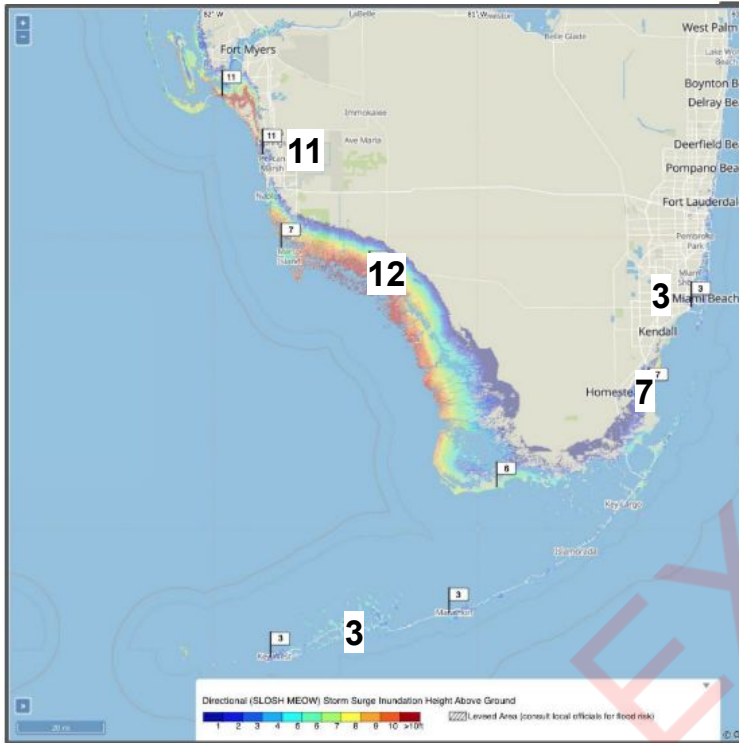
- South Florida: **Late Tuesday night**
- Tampa Bay: **Wednesday**
- Jacksonville: **Late Wednesday night**
- The most likely time of arrival of Tropical Storm Force Winds (34kt to 63 kt) for this cyclone based off the current track and wind radii.

Storm Surge

Hurricane Lisa

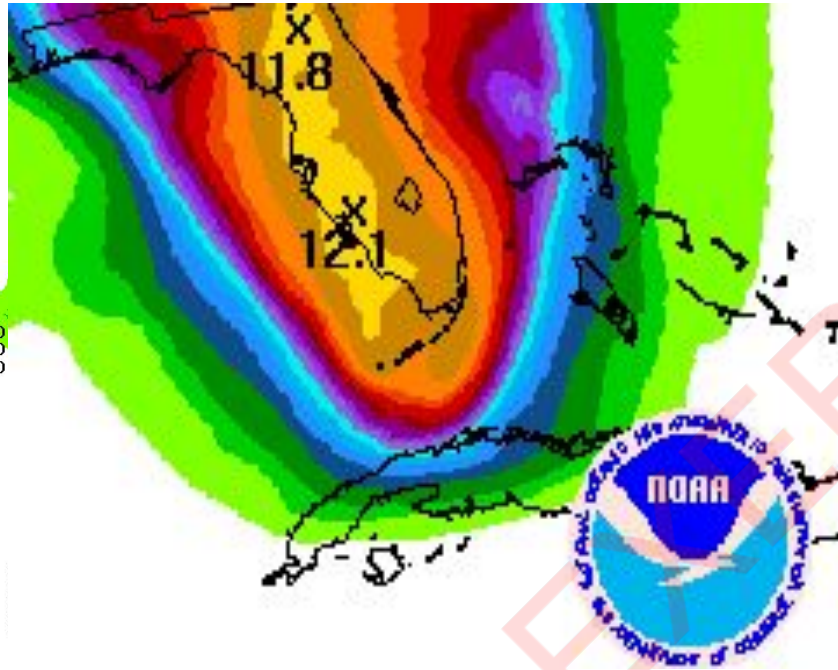


Tropical Analysis and Forecast Branch
NWS National Hurricane Center



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

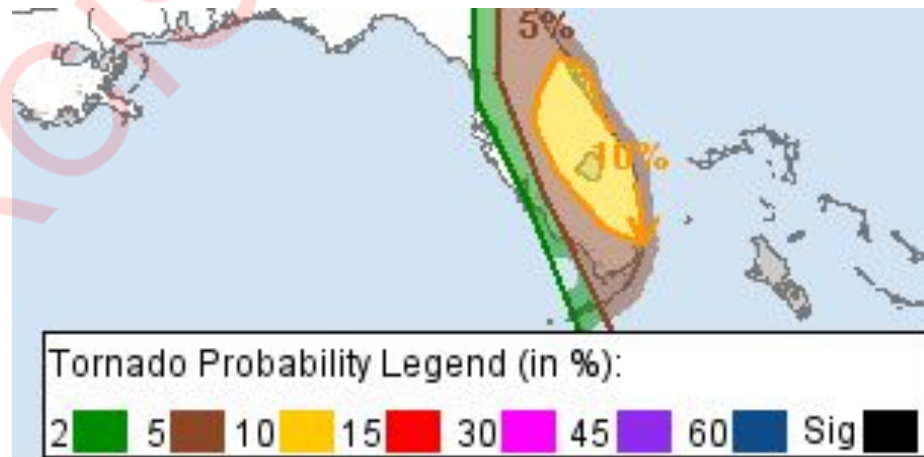
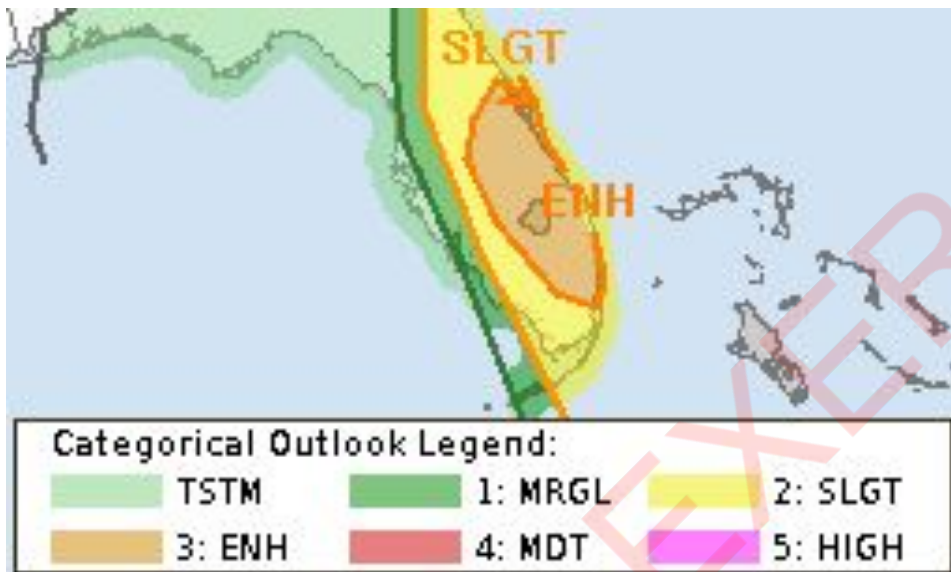
HIGH: > 50%	SLGT: 10%-20%
MDT: 20%-50%	MRGL: 5%-10%

Tornado Potential - Storm Prediction Center

Hurricane Lisa



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



Later today - Wednesday



- Large waves and hazardous surf are beginning along the Florida coast
- Potentially 25-30 ft seas are likely along the Florida coast as Lisa passes

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 – Extreme

Tornadoes – Low

Waves - High

Tropical Storm Nico BRIEFING



Prepared by:

Amanda Reinhart

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*

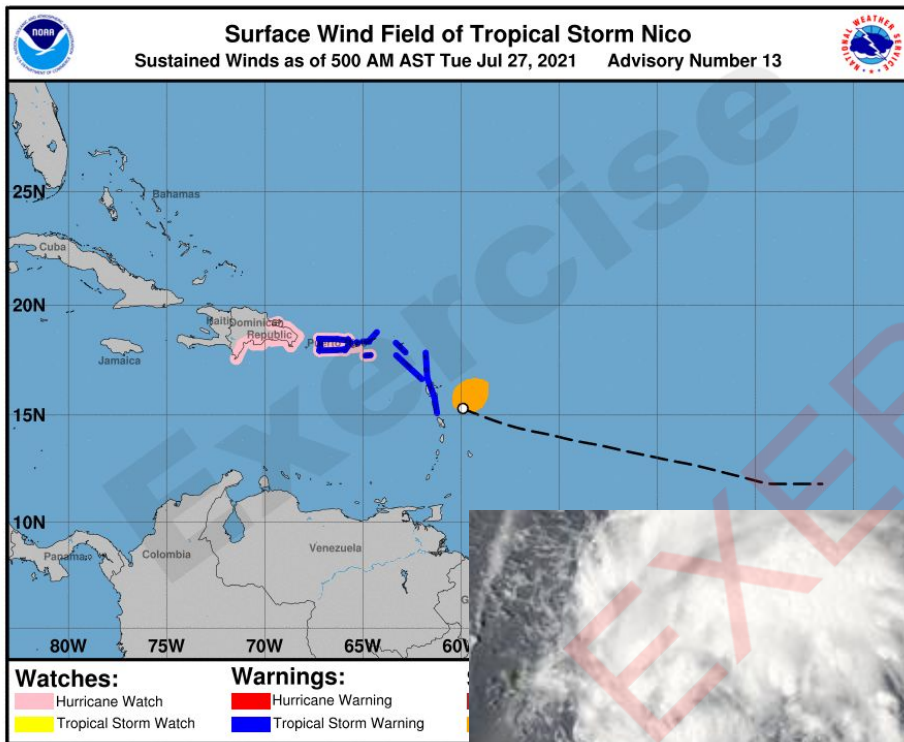


Situation Overview

Tropical Storm Nico



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



...NICO NEARING THE LESSER ANTILLES...

Summary of 500 AM AST Information

Location... 15.3N 59.9W

About... 85 nm E of the Lesser Antilles

About... 400 nm ESE of San Juan Puerto Rico

Maximum Sustained Winds... 45 kt

Present Movement... WNW at 15 kt

Size

34 kt.....105NE 0SE 0SW 45NW.

Seas to 19 ft

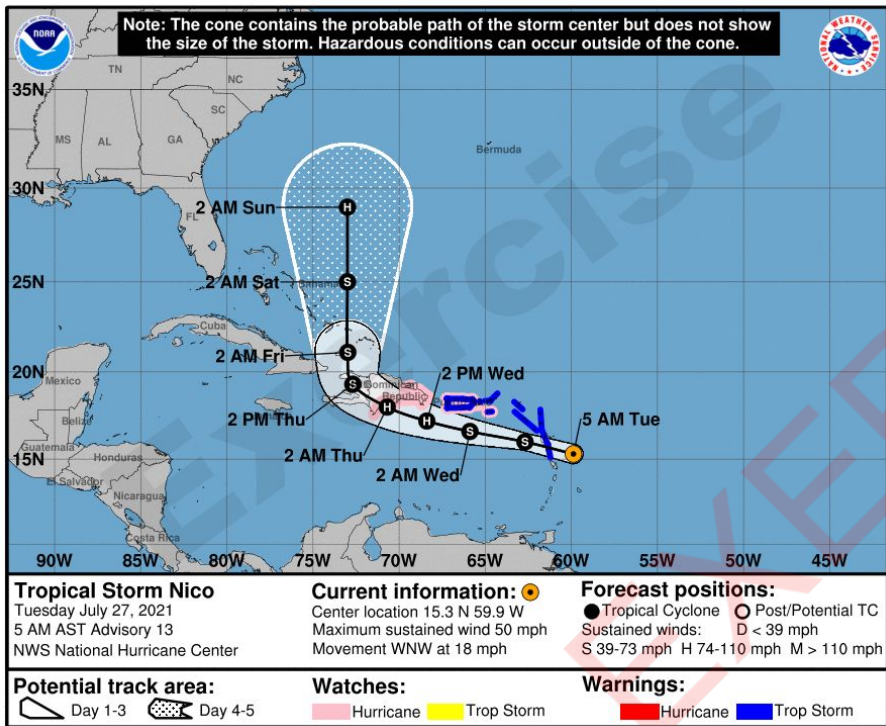


Forecast Information

Tropical Storm Nico



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



- Nico will enter the Caribbean by midday as a tropical storm
- Hurricane Watch and Storm Surge Watch continues
- System expected to strengthen to a hurricane by early Wednesday morning and may impact the southern portion of the island
- Nico expected to turn into Hispaniola and continue moving north across the Bahamas by Friday with no threat to the SE US

- Current center forecast positions through the next 5 days illustrated by dots
- White swatch is potential track error through day 3
- Hatched swatch is potential track error on days 4-5

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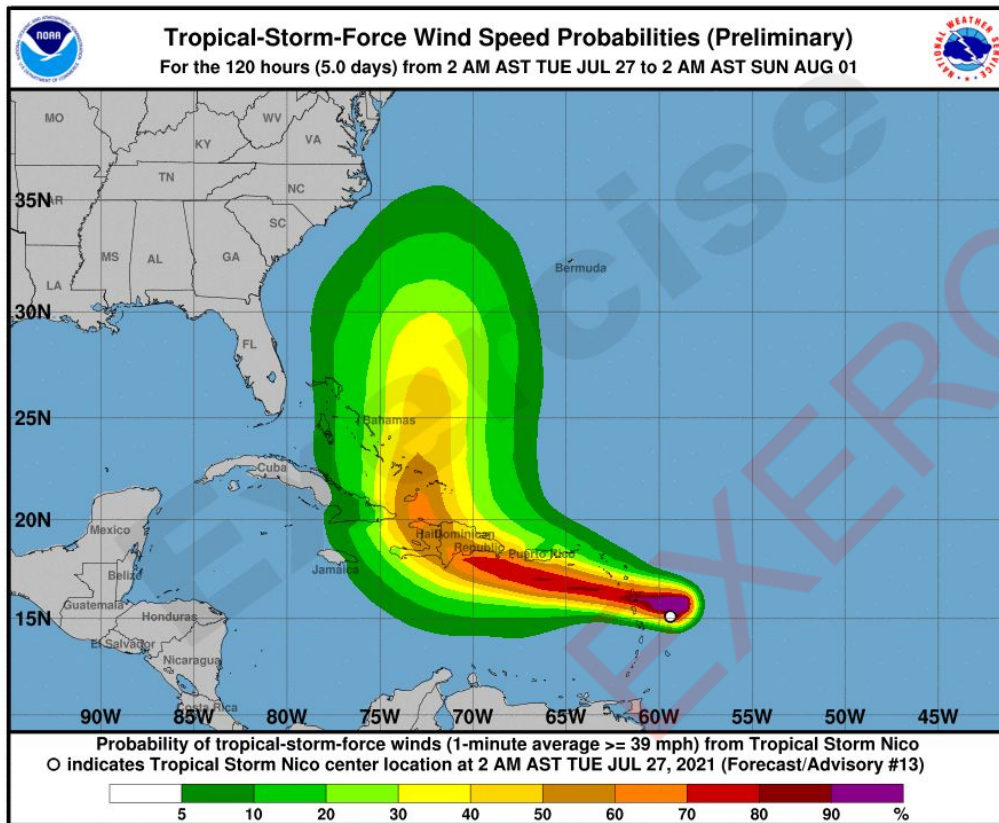
NOTE: Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.

T.S. Wind Speed Probabilities

Tropical Storm Nico



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



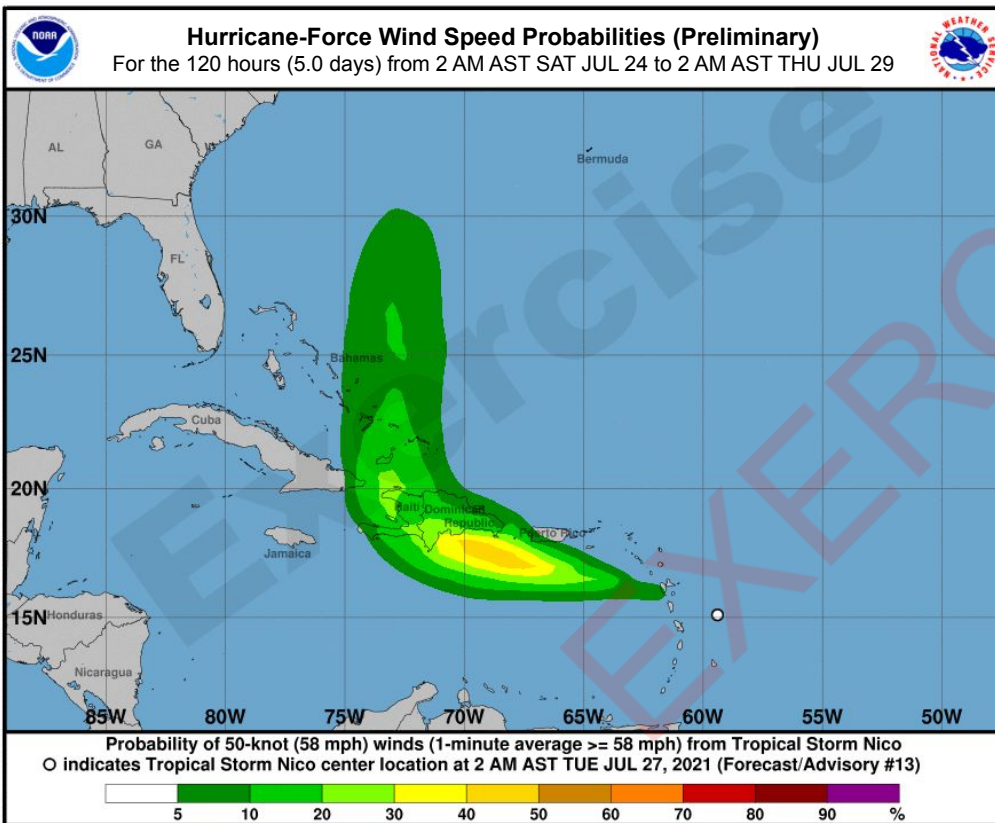
- Ponce PR 60%
 - Aguadilla PR 60%
 - San Juan PR 30%
 - Vieques PR 50%
 - St. Thomas 40%
 - St. Croix 60%
-
- Probabilities of sustained tropical storm force winds (34 kt to 63 kt) over the next 5 days, based off this cyclone's wind radii and track.

Hurricane Wind Speed Probabilities

Tropical Storm Nico



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

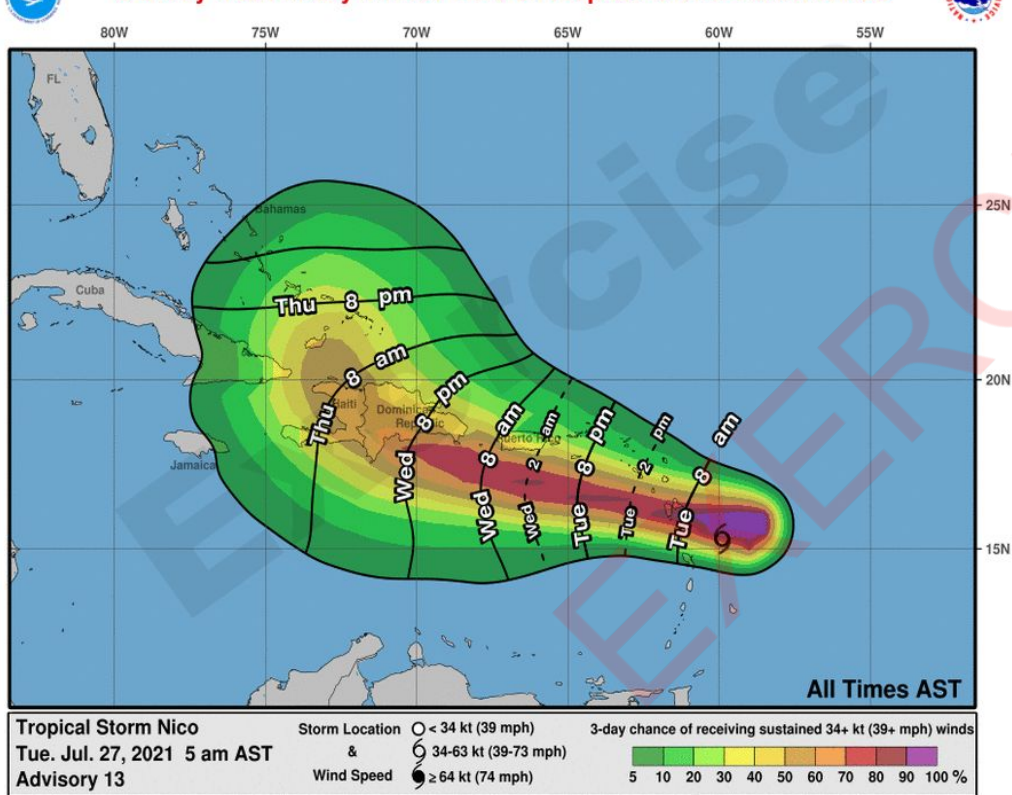


- Ponce PR 10%
 - Aguadilla PR 10%
 - San Juan PR <5%
 - Vieques PR 5%
 - St. Thomas <5%
 - St. Croix 10%
-
- Probabilities of sustained hurricane force winds (64 kt +) over the next 5 days, based off this cyclone's wind radii and track.



Tropical Storm Nico

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



- Puerto Rico: **Late tonight**

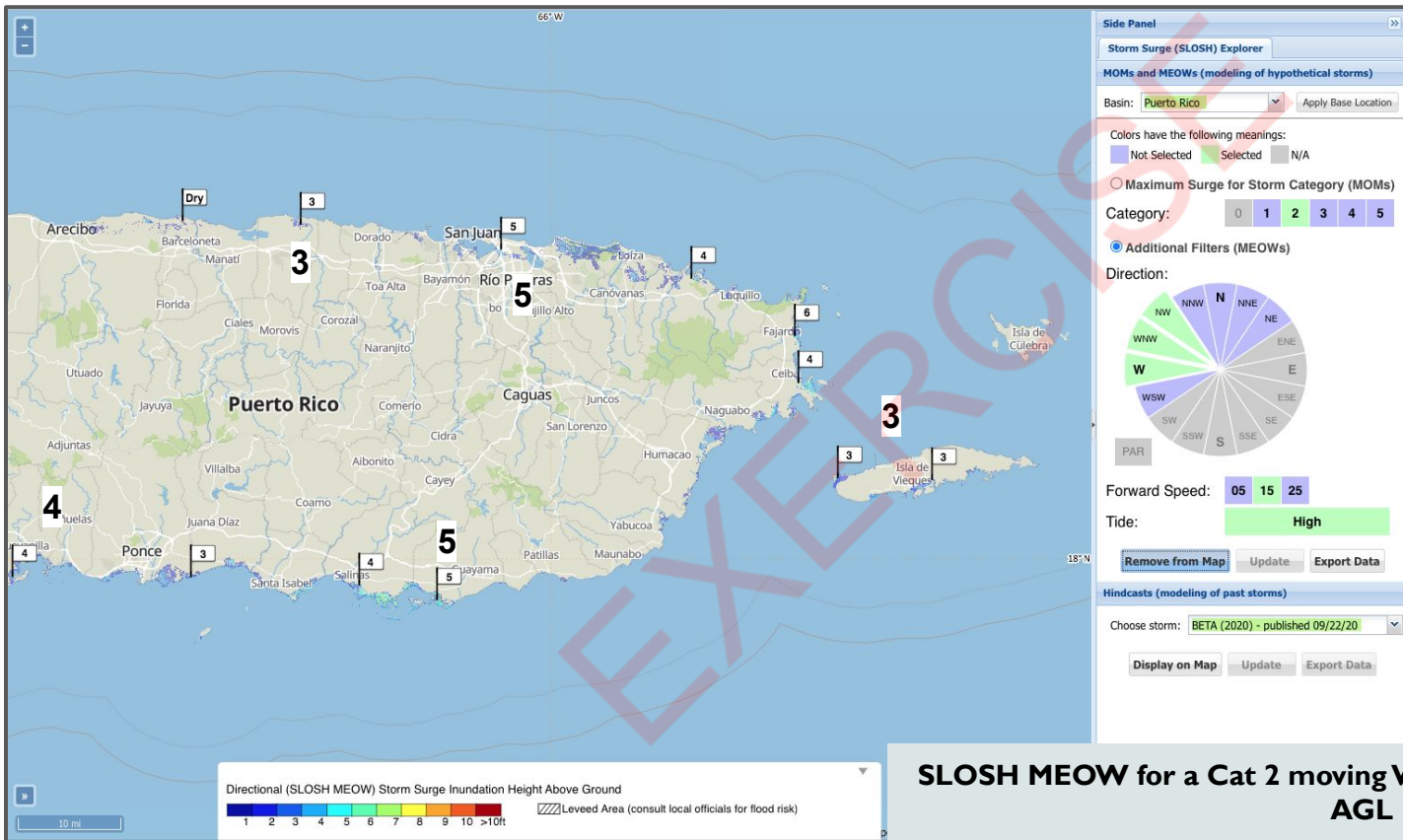
- The most likely time of arrival of Tropical Storm Force Winds (34kt to 63 kt) for this cyclone based off the current track and wind radii.

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

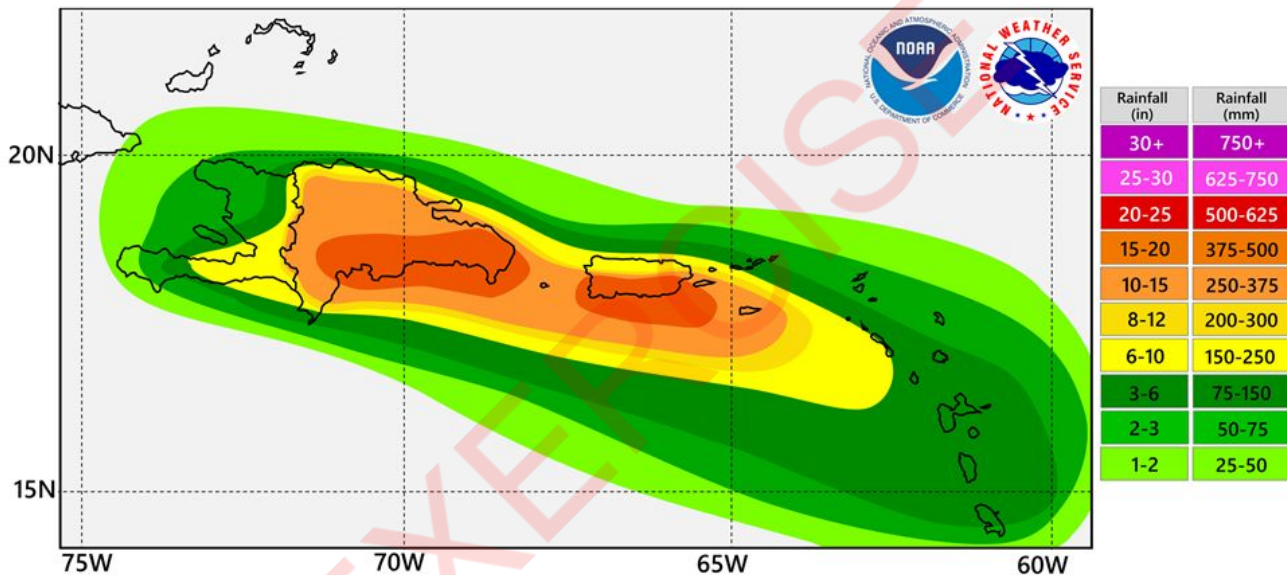
- Areas at risk for a Cat 2 MEOW show inundation values at 2-4 ft AGL.
- Southeast coast of St. Thomas Island is showing values up to 6 ft AGL.
- Potential storm surge is represented in feet above the ground at any given point.

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, southern half of Puerto Rico could receive 10-20" with locally higher amounts
- This could bring life-threatening flash flooding and mudslides



- Seas greater than 12 ft have expanded to within 180 nm of the center
- Seas could build to 20 ft south of Puerto Rico tonight into Wednesday
- Dangerous surf and high waves will start to impact Puerto Rico this evening

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

Winds – High

Storm Surge – Medium

Rainfall/Flash Flooding – Extreme

Tornadoes – Low

Waves - High



BRIEFING

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

The Next Briefing Will Be:
Tuesday, 3:00 PM EDT

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



NHC_TAFB

www.nhc.noaa.gov