

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

Saturday, July 24, 2021

Prepared by:

Andrew Hagen

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*



NHC_TAFB

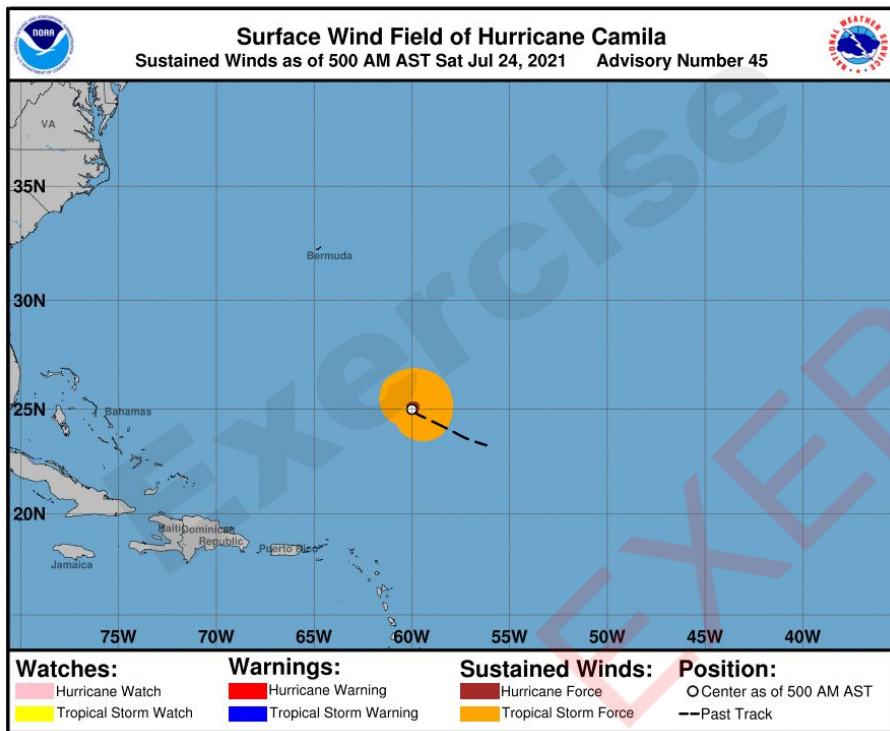
www.nhc.noaa.gov

Situation Overview

Hurricane Camila



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



...CAMILA STRENGTHENS TO A MAJOR HURRICANE...

Summary of 500 AM EDT Information

Location... 25.0N 60.0W

About... 505 nm SSE of Bermuda

About... 1,080 nm ESE of Cape Fear, NC

Maximum Sustained Winds... 100 kt

Present Movement... W at 11 kt

Size

34 kt... 120 NE 110 SE 60 SW 110 NW

Seas to 25 ft

Current Satellite View

Hurricane Camila



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

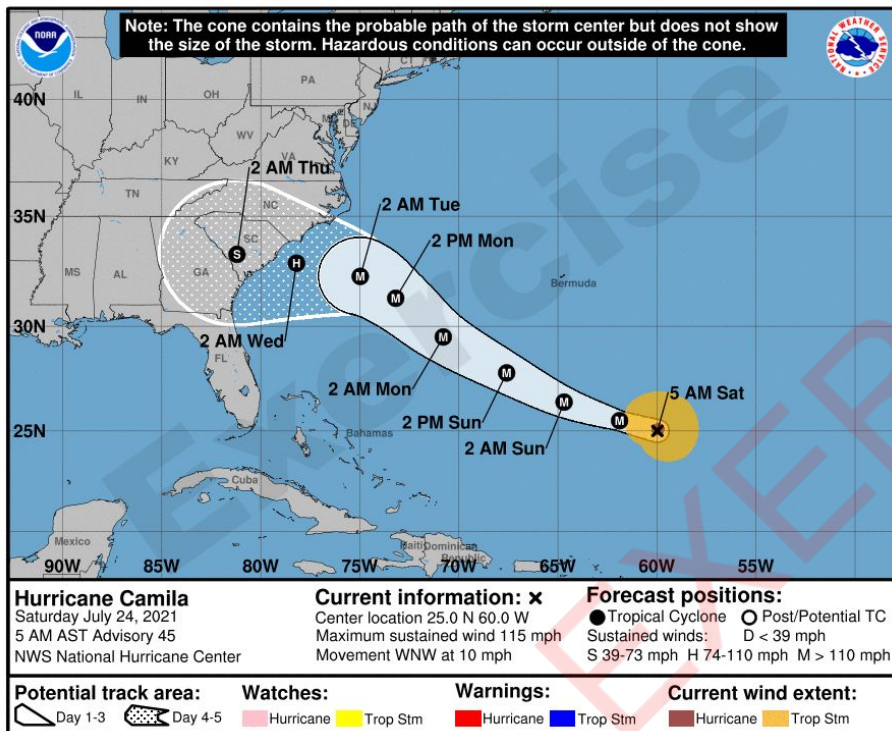


Forecast Information

Hurricane Camila



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- **NW track expected next few days followed by west bend toward to the US East Coast**
- **Greatest risk from Georgia through North Carolina; too early to determine exact impacts or landfall location**
- **Strengthening expected in near term, but Camila expected to weaken below major hurricane strength prior to landfall.**
- 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.

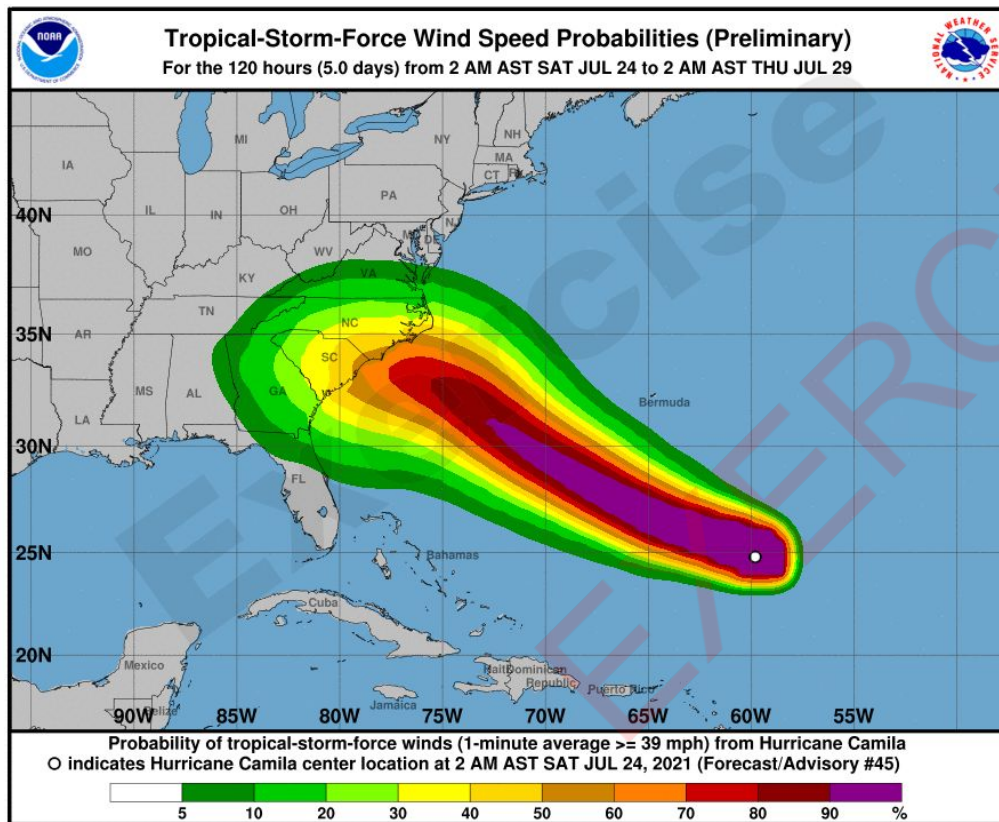
NOTE: Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.

T.S. Wind Speed Probabilities

Hurricane Camila



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NWS National Hurricane Center



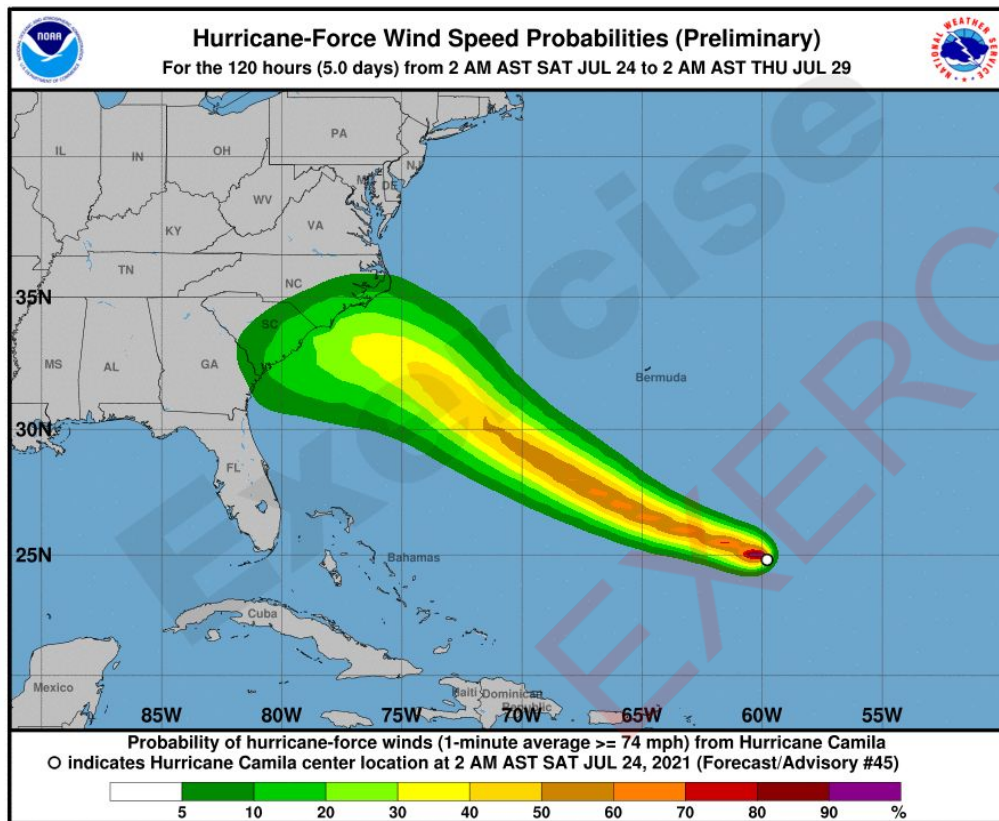
- Coast of the Carolinas: 30-60%
 - Highest chances near the SC/NC border
- Coastal Georgia: 20-30%
- Probabilities of sustained tropical storm force winds (34 kt to 63 kt) over the next 5 days, based off this cyclone's wind radii and track.

Hurricane Wind Speed Probabilities

Hurricane Camila



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

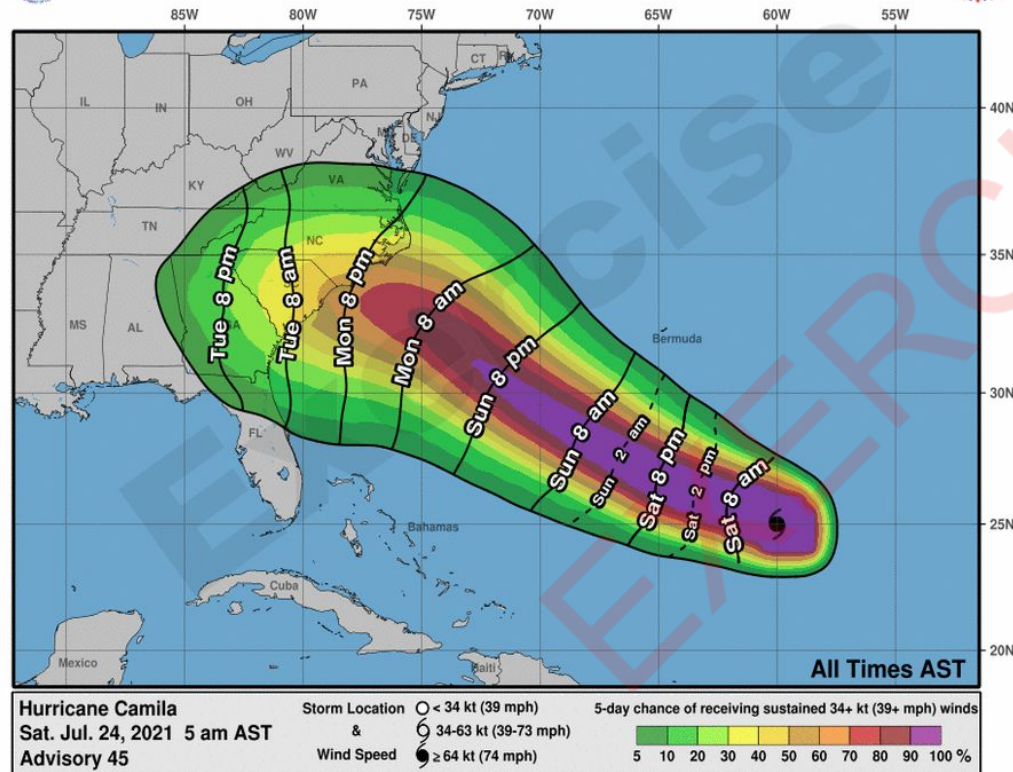


- South Carolina: 10-20%
- Southern North Carolina: 10-20%
- Georgia coast: 5%
- Probabilities of sustained hurricane force winds (64 kt +) over the next 5 days, based off this cyclone's wind radii and track.



Hurricane Camila

Earliest Reasonable Arrival Time of Tropical-Storm-Force Winds



- South Carolina: **Early Tuesday morning**
- Georgia: **Tuesday morning**
- The earliest reasonable time of arrival of Tropical Storm Force Winds (34 kt to 63 kt) for this cyclone based off the current track and wind radii.

Most Likely Time of Arrival and Tropical Storm Wind Speed Probabilities

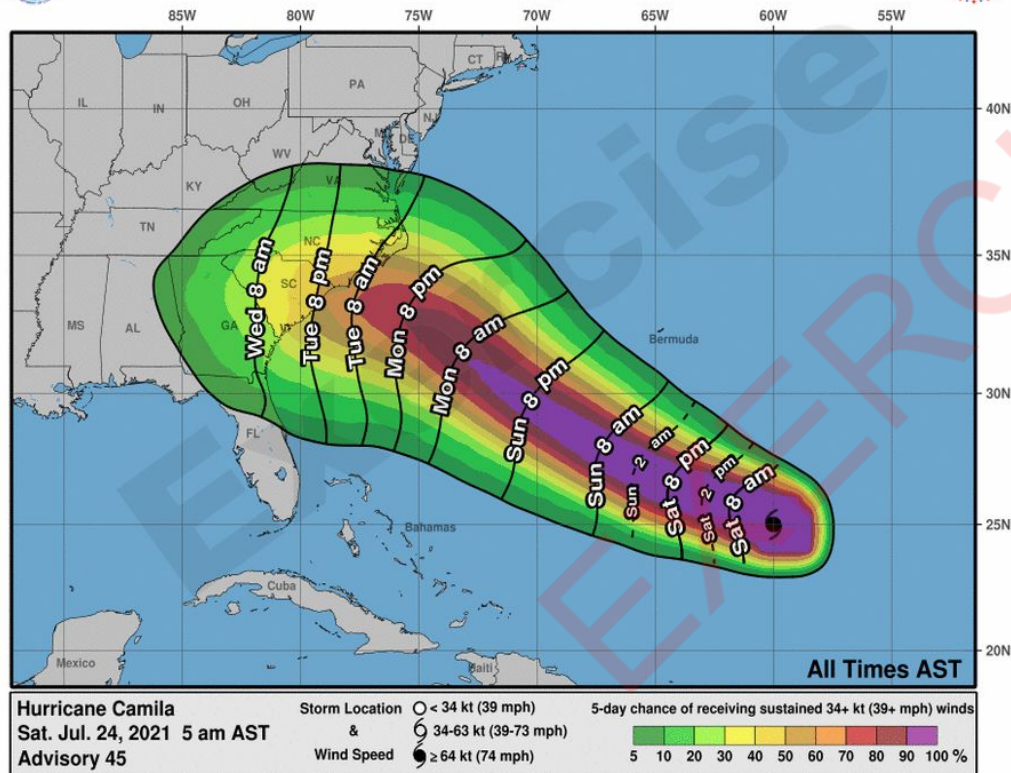


Tropical Analysis and Forecast Branch
NWS National Hurricane Center

Hurricane Camila



Most Likely Arrival Time of Tropical-Storm-Force Winds



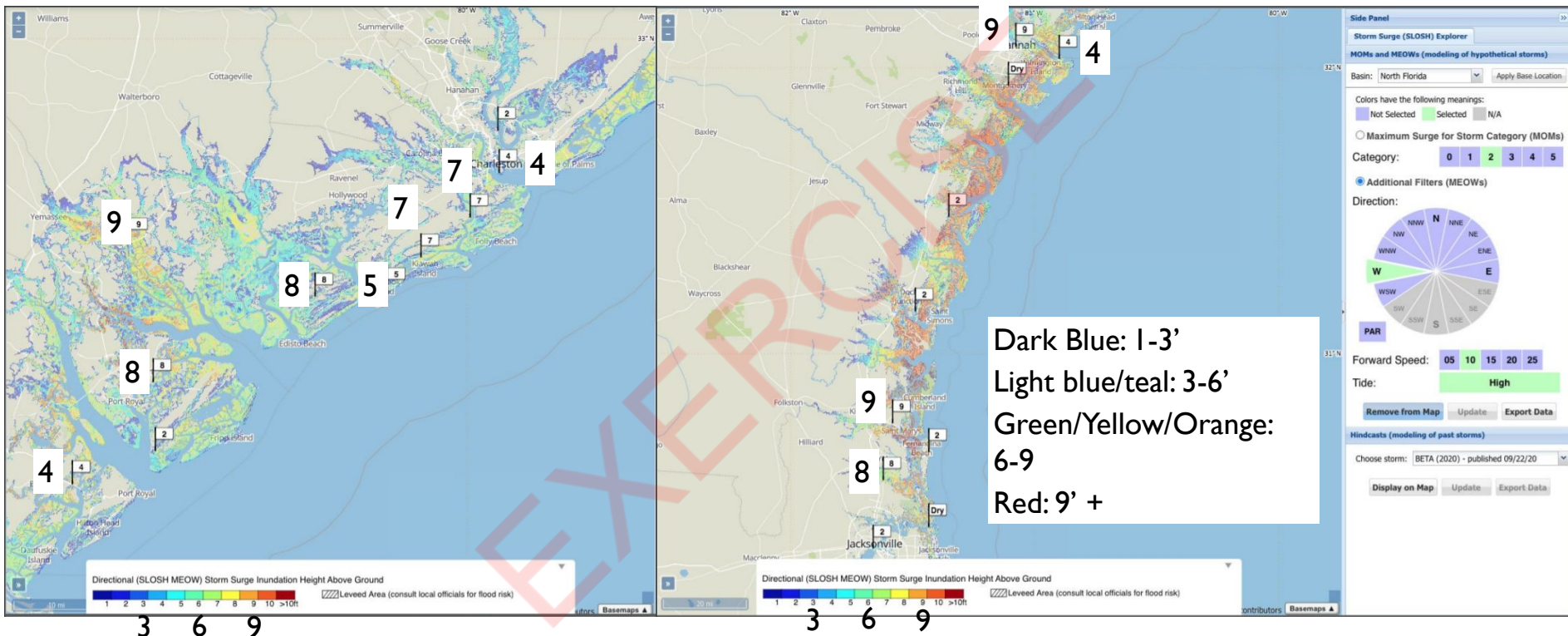
- Charleston: **Tuesday night**
- Savannah: **Wednesday morning**
- The most likely time of arrival of Tropical Storm Force Winds (34 kt to 63 kt) for this cyclone based off the current track and wind radii.

Storm Surge

Hurricane Camila



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NWS National Hurricane Center

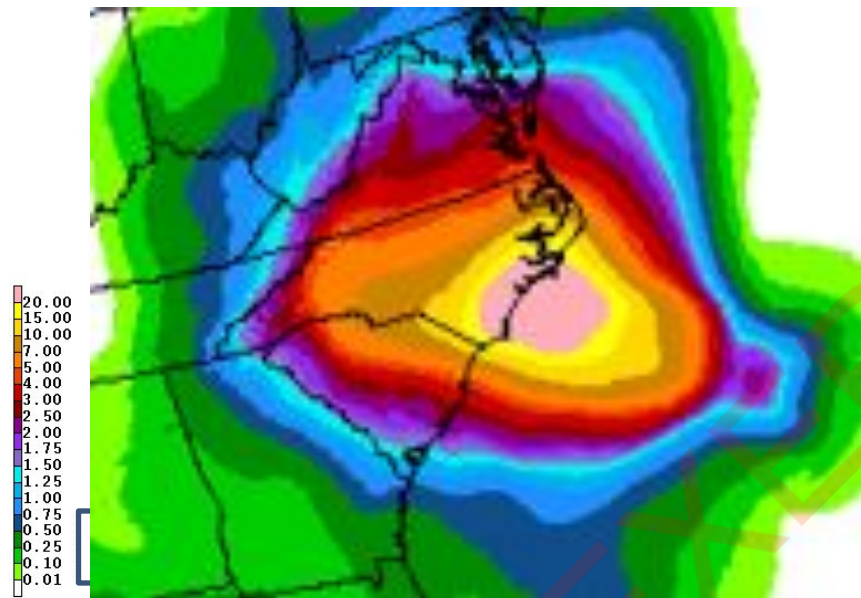


SLOSH MEOW for a Cat 2 moving W at 5-10 mph at high tide - AGL

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



Hurricane Camila



- Total rainfall in inches during the next 7 days

- Due to the expected slow motion of Camila, heavy rainfall and flooding will likely be a major impact

Marine Key Messages

Hurricane Camila



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

- Seas greater than 12 ft extend up to 240 nm from the center
- Waves reach as high as 25 ft, currently
- Large waves and hazardous surf will begin tomorrow 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 – Medium

Storm Surge – Medium

Rainfall/Flash Flooding – Medium

Tornadoes – Low

Waves - Medium

Tropical Depression Lisa BRIEFING



Prepared by:
Stephen Konarik

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*

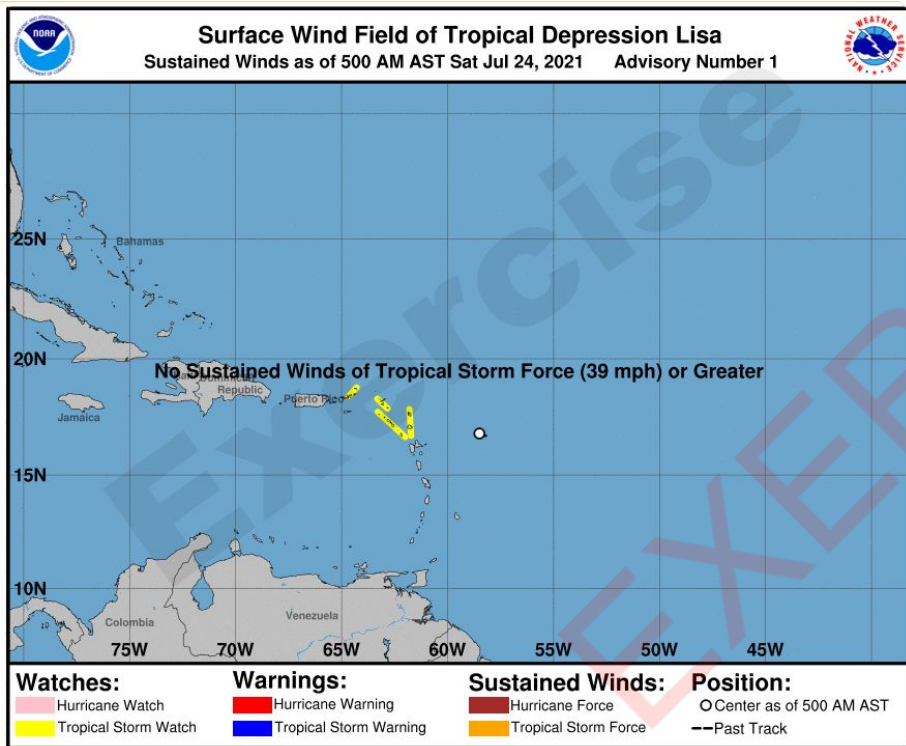


Situation Overview

Tropical Depression Lisa



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NWS National Hurricane Center



...Tropical Depression Lisa Forms East of the Leeward Islands...

Summary of 500 AM EDT Information

Location... 16.8N 58.5W

About 225 nm... ESE of Barbuda

About 450 nm... ESE of San Juan, PR

Maximum Sustained Winds... 30 kt

Present Movement... WNW at 10 kt

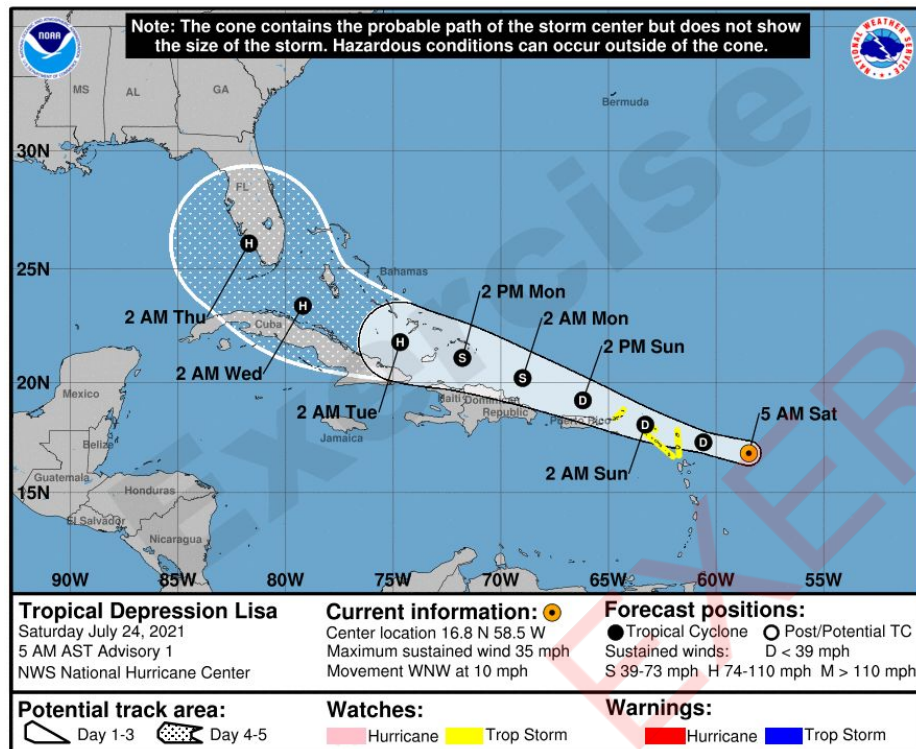
Seas less than 8 ft

Forecast Information

Tropical Depression Lisa



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NWS National Hurricane Center



- Lisa will move over the northern Leeward Islands by Sat night into Sun
- Lisa is expected to continue moving WNW, staying north of the Greater Antilles through Tue and potentially impact the southern Bahamas by Tue
- Track and intensity is uncertain beyond Tue
- 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

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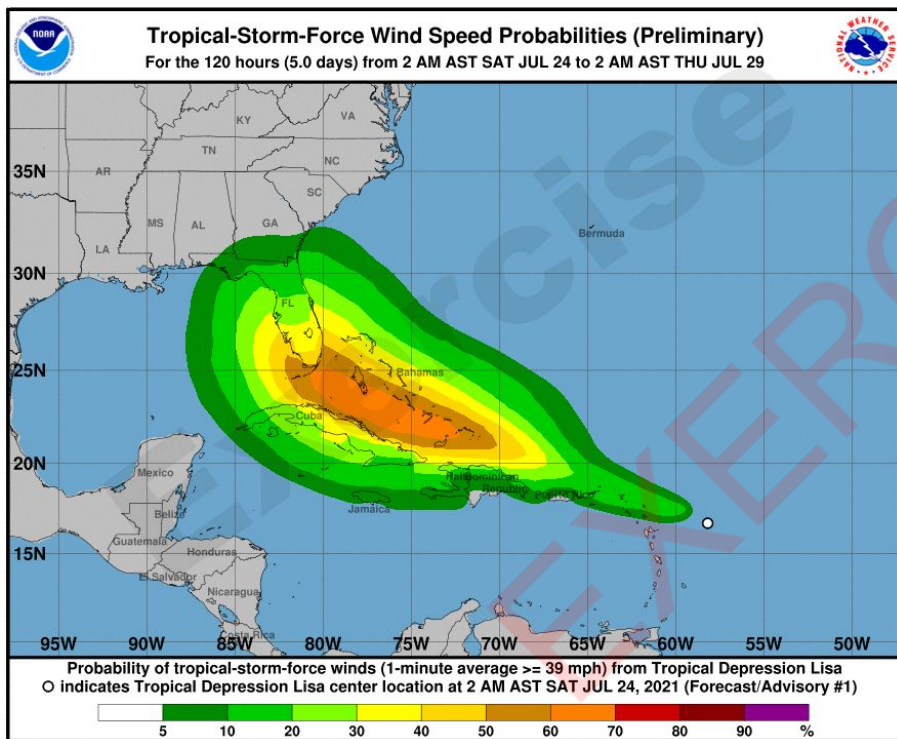
NOTE: Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.

T.S. Wind Speed Probabilities

Tropical Depression Lisa



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- Ponce <5%
- San Juan PR 5%
- Vieques 10%
- St. Croix 5%
- St. Thomas 10%

- Panama City 10%
- Tampa 30%
- Key West 50%
- Miami 50%
- Ft Lauderdale 50%
- Cocoa Beach 30%

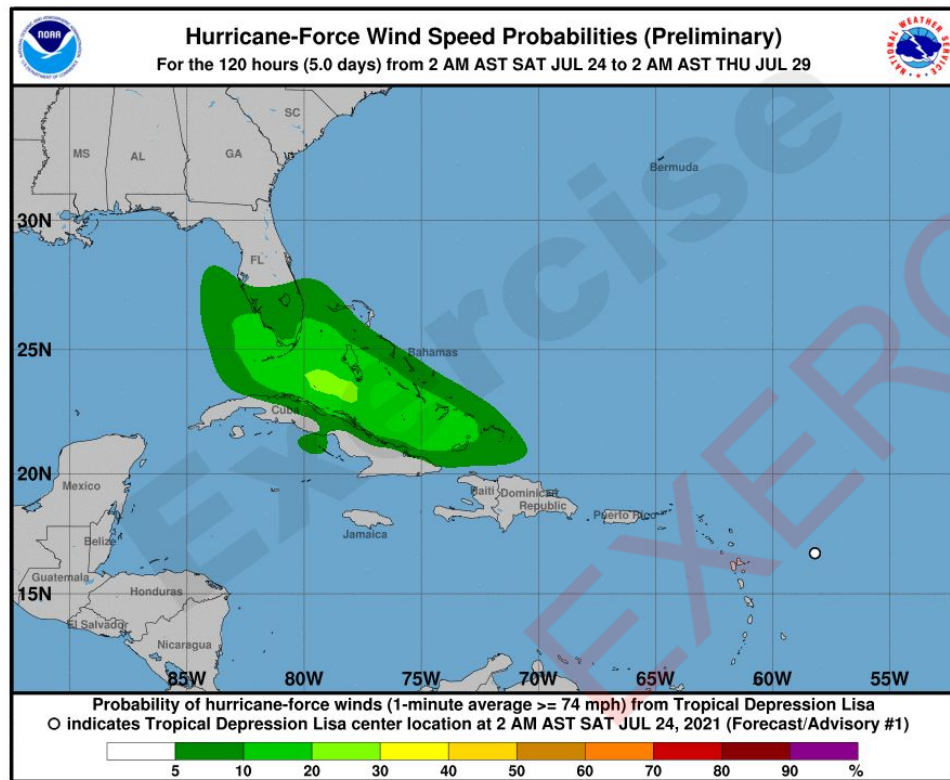
- Probabilities of sustained tropical storm force winds (34 kt to 63 kt) over the next 5 days, based off this cyclone's wind radii and track.

Hurricane Wind Speed Probabilities

Tropical Depression Lisa



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NWS National Hurricane Center



- No probabilities for PR/USVI

- Panama City <5%
- Tampa 5%
- Key West 15%
- Miami 10%
- Ft Lauderdale 10%
- Cocoa Beach 5%

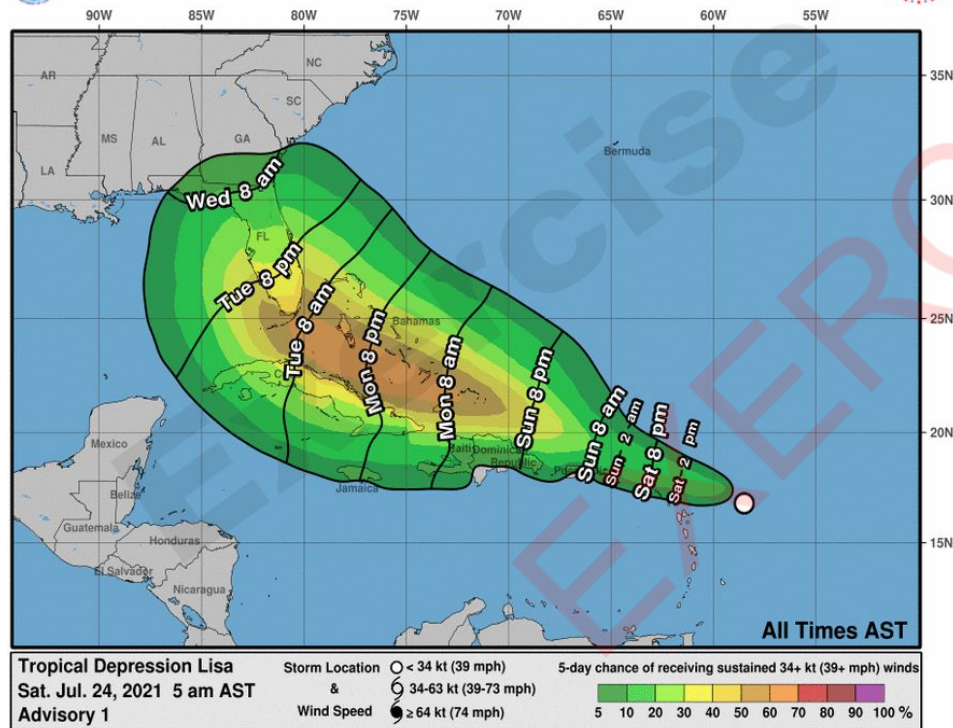
- Probabilities of sustained hurricane force winds (64 kt +) over the next 5 days, based off this cyclone's wind radii and track.



Tropical Depression Lisa



Earliest Reasonable Arrival Time of Tropical-Storm-Force Winds



- South Florida: **Tuesday morning**
- Tampa Bay: **Tuesday night**
- 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.

Most Likely Time of Arrival and Tropical Storm Wind Speed Probabilities

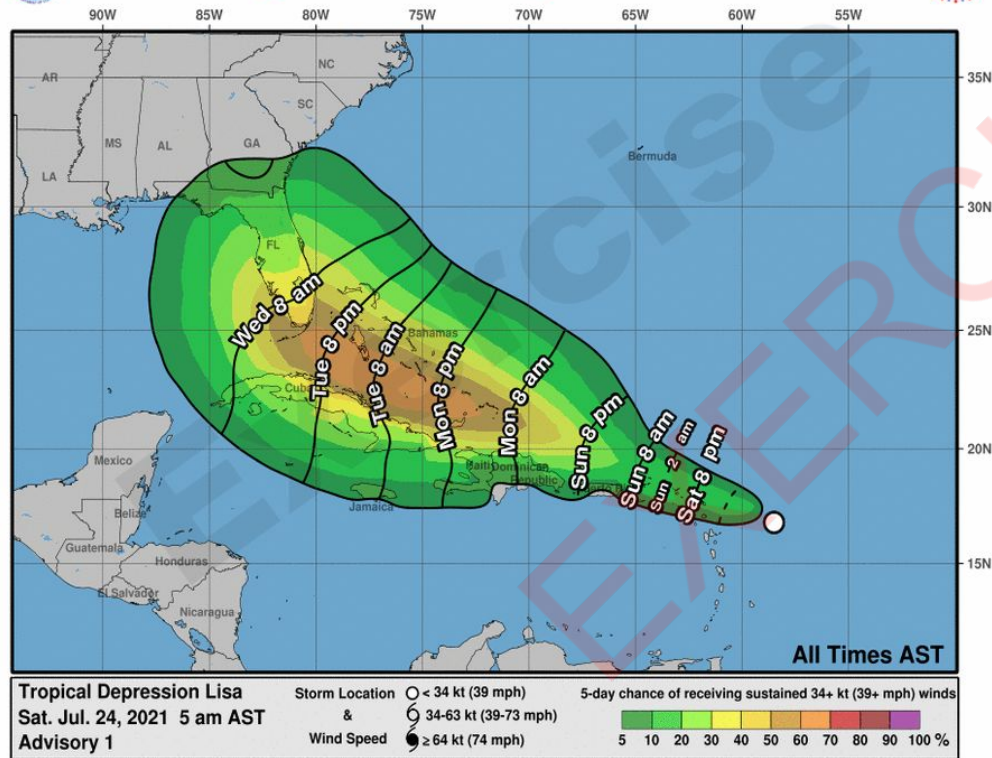


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Tropical Depression Lisa



Most Likely Arrival Time of Tropical-Storm-Force Winds



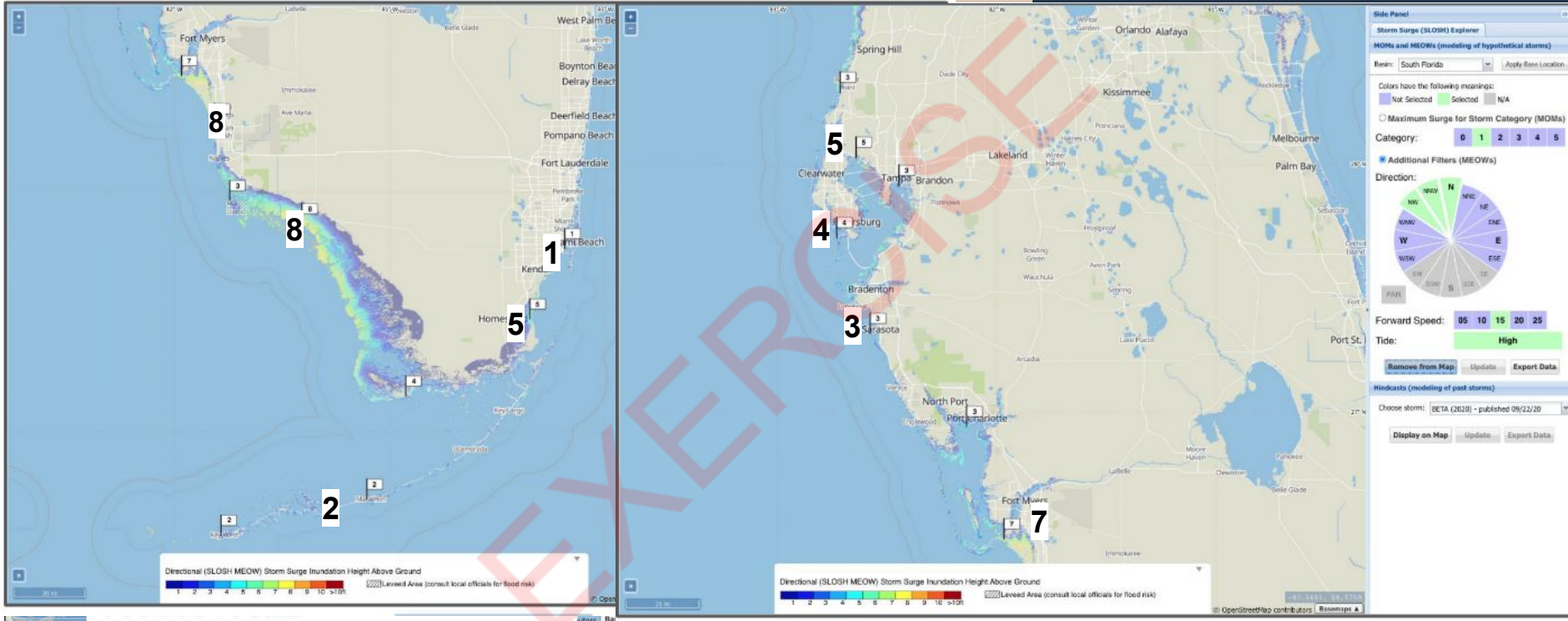
- South Florida: **Early Wednesday morning**
- Tampa Bay: **Wednesday**
- The most likely time of arrival of Tropical Storm Force Winds (34kt to 63 kt) for this cyclone based off the current track and wind radii.

Storm Surge

Tropical Depression Lisa



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NWS National Hurricane Center



SLOSH MEOW for a Cat I moving NW to N at 10-15 mph at high tide - AGL

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

Marine Key Messages

Tropical Depression Lisa



Tropical Analysis and Forecast Branch
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- Seas could build to 12 ft north of Puerto Rico on Sun with dangerous surf conditions
- Seas could potentially build to 15-20 ft near South Florida if the track holds

IMPACTS FOR D7 (through next 5 days)

Winds – Medium

Storm Surge – Medium

Rainfall/Flash Flooding – Medium

Tornadoes – Low

Waves - Medium

IMPACTS FOR D7 (through next 5 days)

Winds – Medium

Storm Surge – Low

Rainfall/Flash Flooding – Medium

Tornadoes – None

Waves - Low

Tropical Storm Nico BRIEFING



Prepared by:

Amanda Reinhart

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*



NHC_TAFB

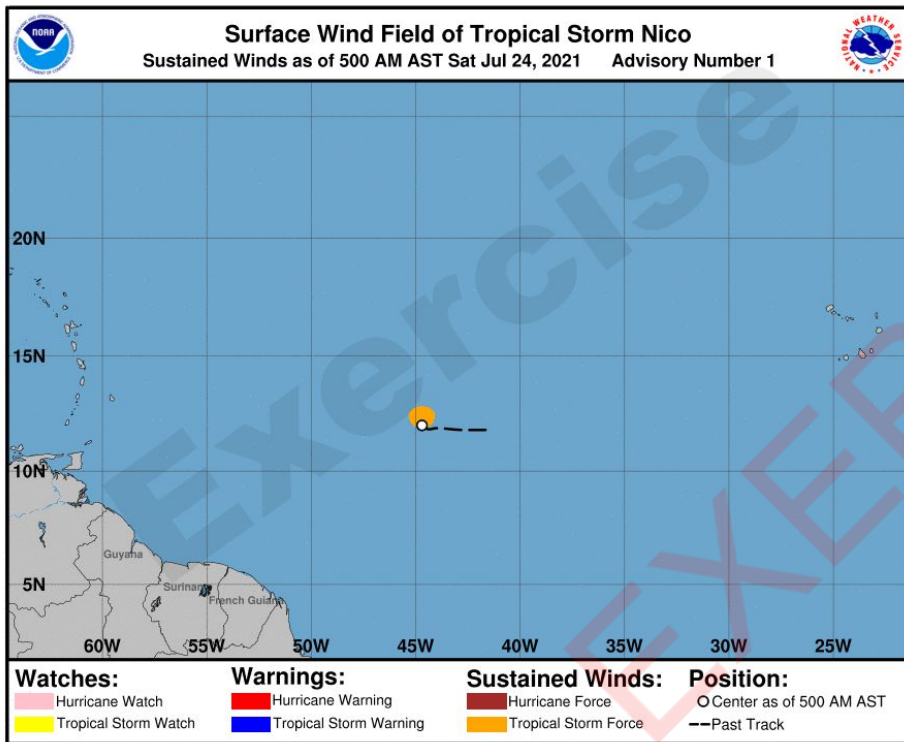
www.nhc.noaa.gov

Situation Overview

Tropical Storm Nico



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



...NICO BECOMES A TROPICAL STORM...

Summary of 500 AM AST Information

Location... 12.0N 44.7W
About... 990 nm E of the Lesser Antilles
About... 870 NM E of Barbados
Maximum Sustained Winds... 35 kt
Present Movement... WNW at 10 kt

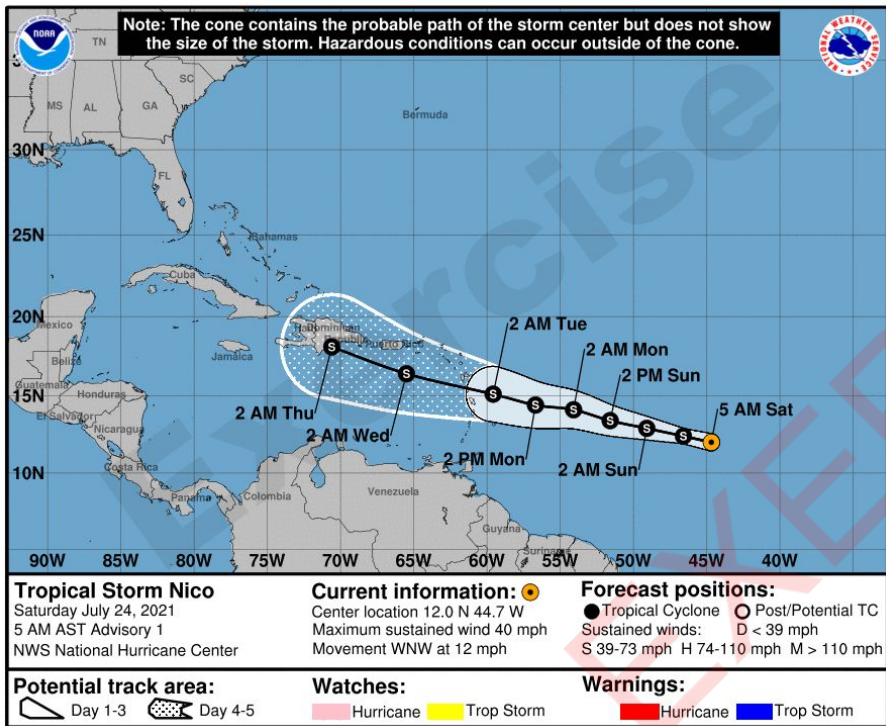
Size
34 kt..... 50NE 0SE 0SW 50NW.
Seas to 8 ft

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**
- **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

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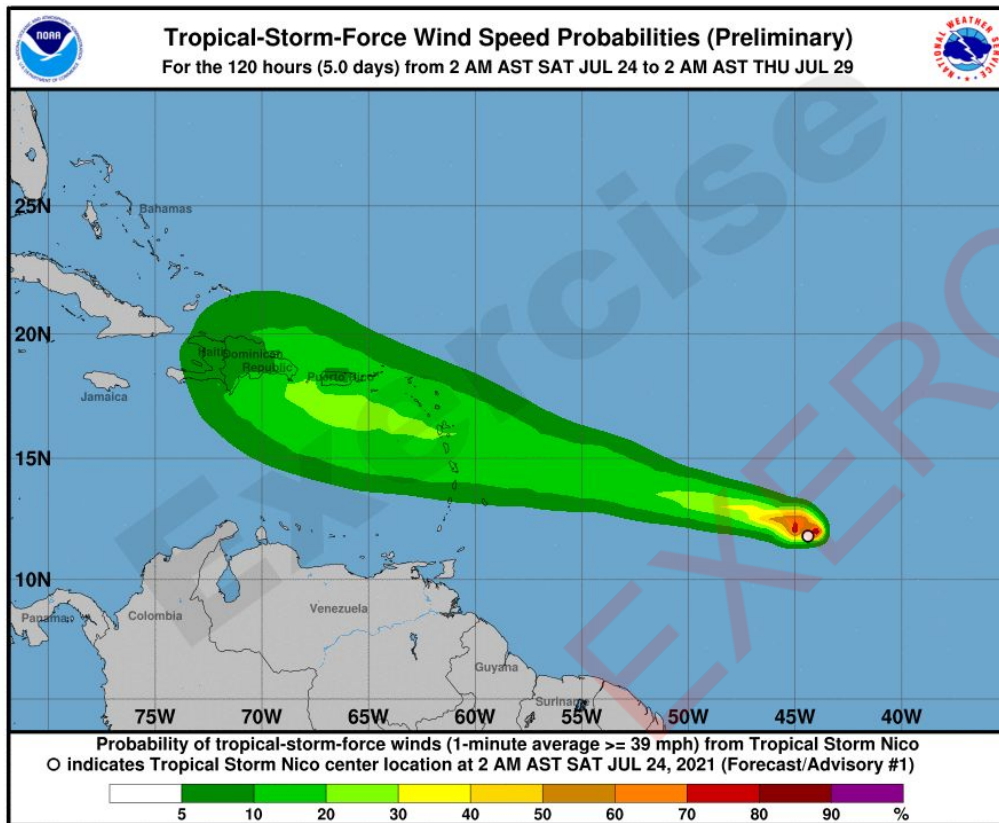
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T.S. Wind Speed Probabilities

Tropical Storm Nico



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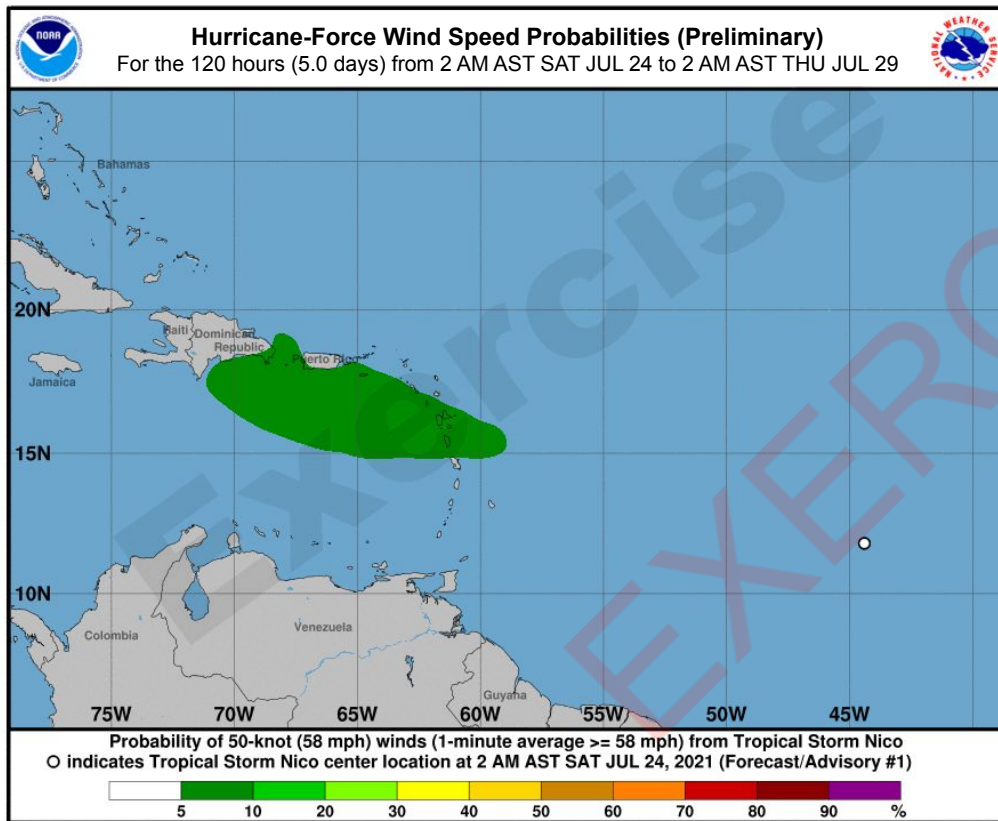
- Ponce PR 15%
 - Aguadilla PR 25%
 - San Juan PR 15%
 - Vieques PR 25%
 - St. Thomas 20%
 - St. Croix 25%
-
- Probabilities of sustained tropical storm force winds (34 kt to 63 kt) over the next 5 days, based off this cyclone's wind radii and track.

Hurricane Wind Speed Probabilities

Tropical Storm Nico



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NWS National Hurricane Center

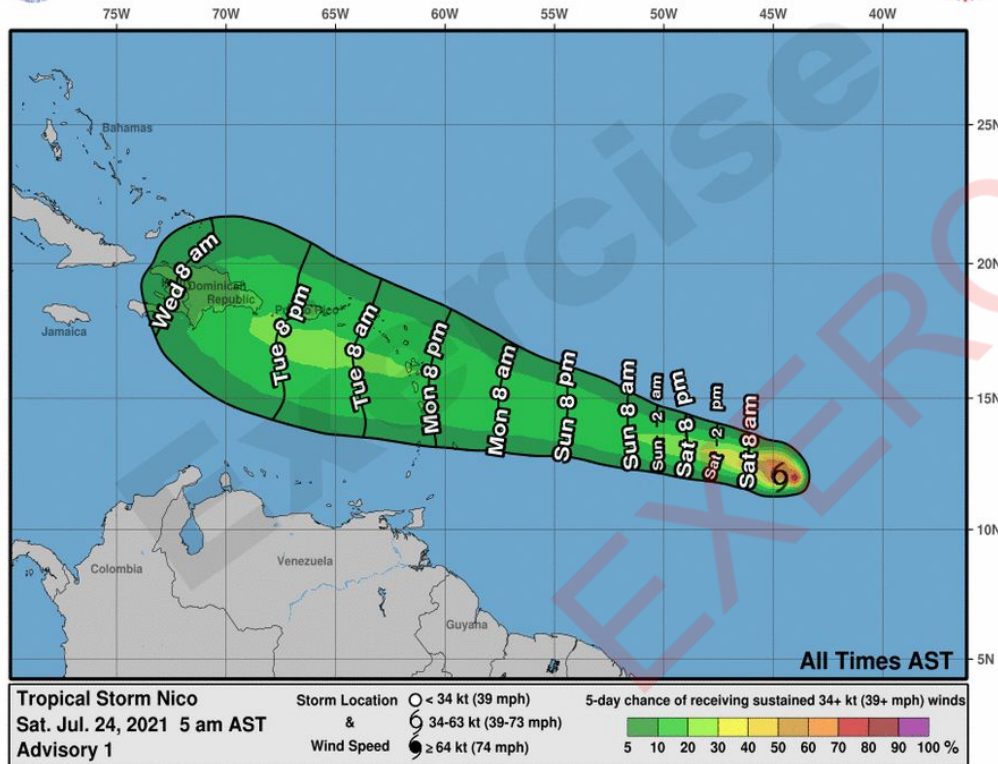


- Ponce PR <5%
 - Aguadilla PR 5%
 - San Juan PR NONE
 - Vieques PR 5%
 - St. Thomas 5%
 - St. Croix 5%
-
- Probabilities of sustained hurricane force winds (64 kt +) over the next 5 days, based off this cyclone's wind radii and track.



Tropical Storm Nico

Earliest Reasonable Arrival Time of Tropical-Storm-Force Winds



- **Puerto Rico: Tuesday afternoon**
- 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.

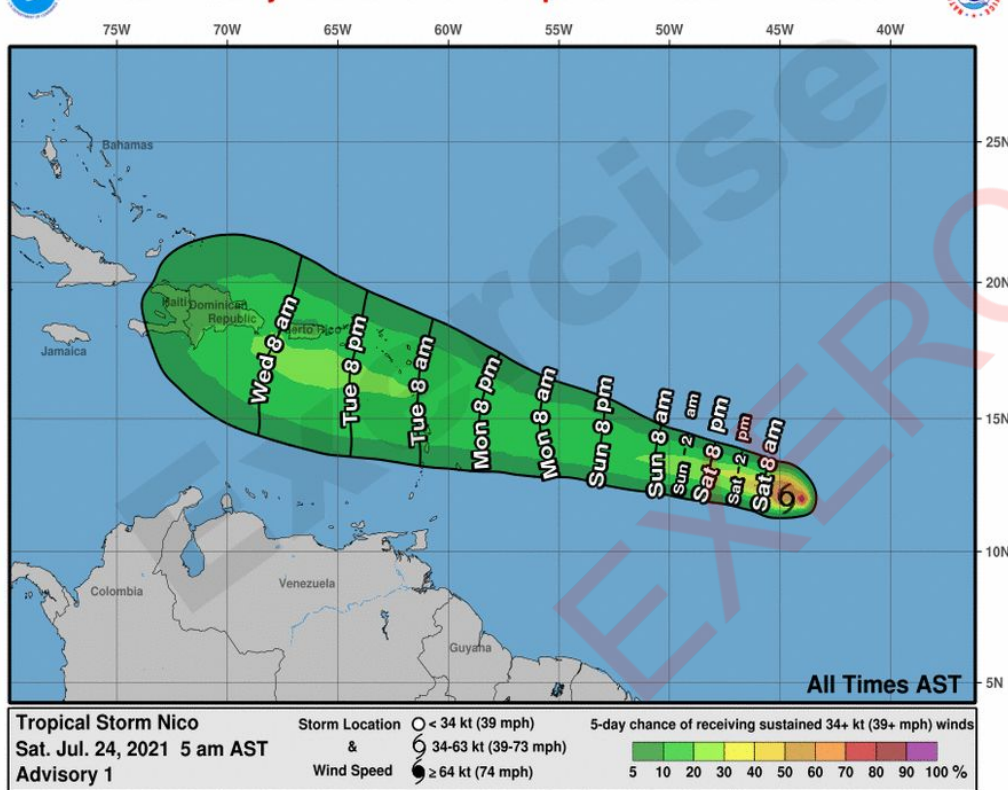
Most Likely Time of Arrival and Tropical Storm Wind Speed Probabilities



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

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.

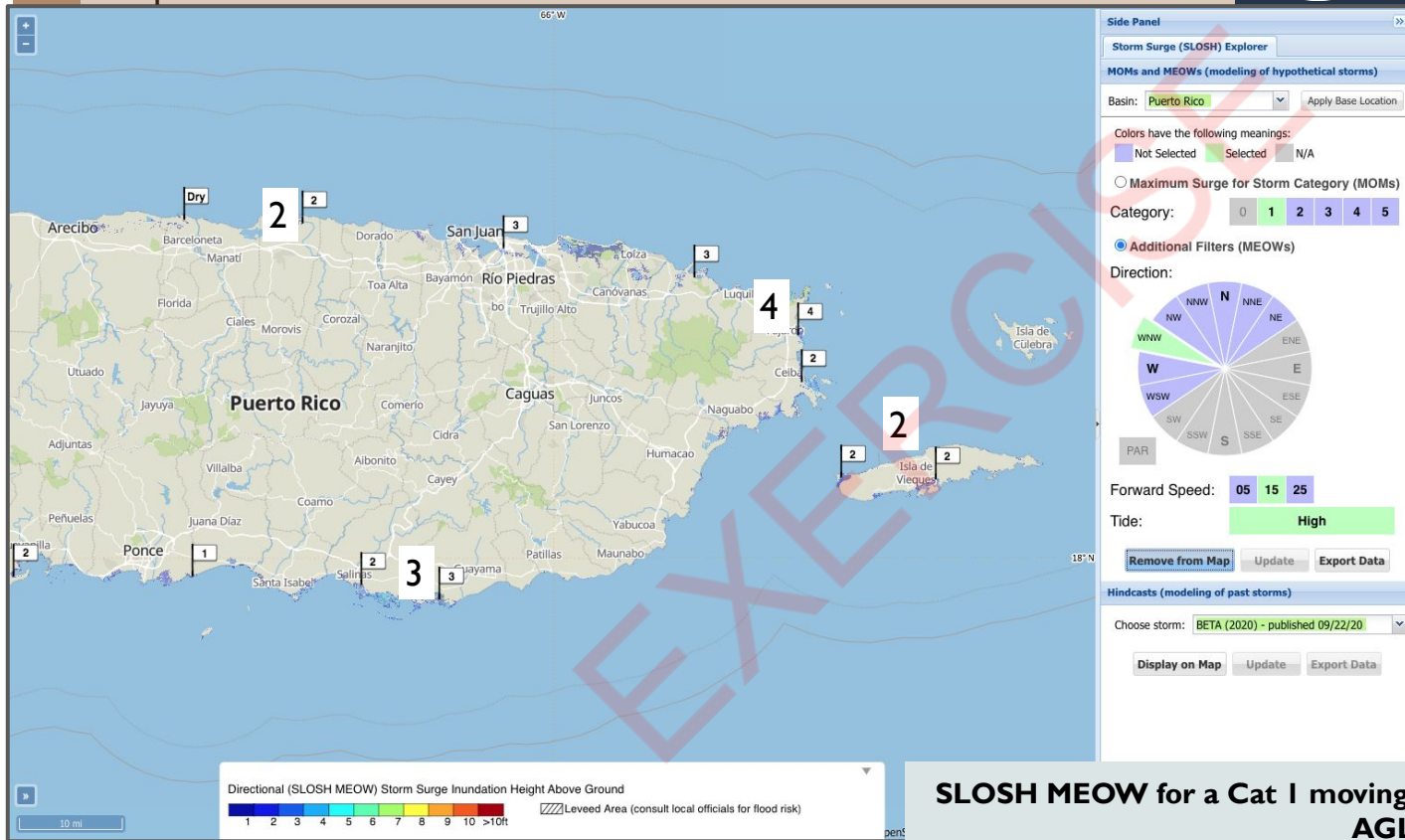
Storm Surge

Tropical Storm Nico



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

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



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

Marine Key Messages

Tropical Storm Nico



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

- Seas could build to 12 ft south of Puerto Rico Tuesday night into Wednesday

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

Winds – Medium

Storm Surge – Low

Rainfall/Flash Flooding – Medium

Tornadoes – None

Waves – Low



BRIEFING

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

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

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



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www.nhc.noaa.gov