

IMPACTS FOR D7 (through next 5 days)

Winds – None

Storm Surge – None

Rainfall/Flash Flooding – None

Tornadoes – None

Waves - Low

**Tropical Storm Nico
BRIEFING
Thu May 15, 2025 – 9am EDT**



Prepared by:
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NWS National Hurricane Center*



Situation Overview

****EXERCISE****

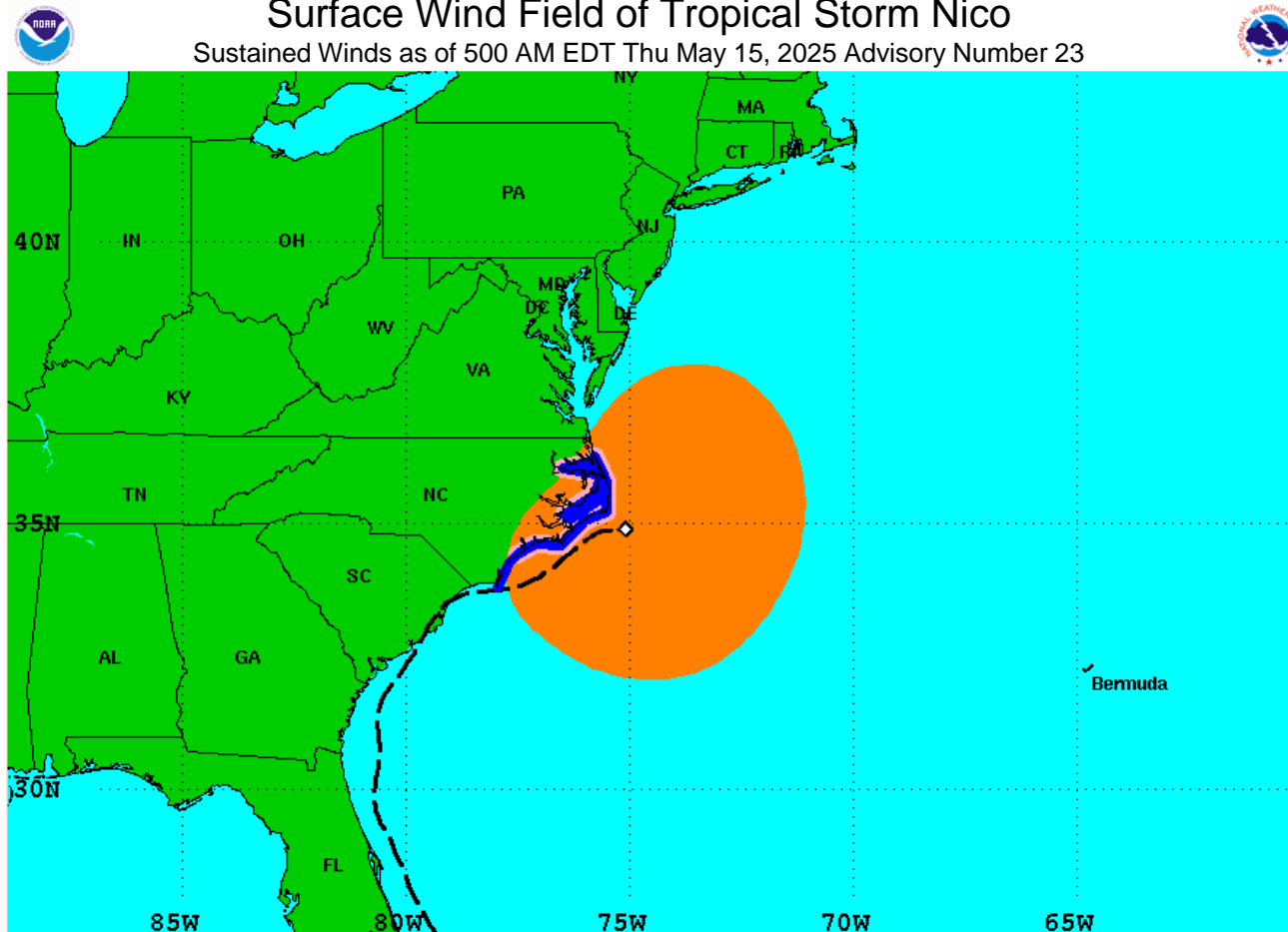


Tropical Analysis and Forecast Branch
NWS National Hurricane Center

Tropical Storm Nico

Surface Wind Field of Tropical Storm Nico

Sustained Winds as of 500 AM EDT Thu May 15, 2025 Advisory Number 23



Watches:

- Hurricane Watch
- Tropical Storm Watch

Warnings:

- Hurricane Warning
- Tropical Storm Warning

Sustained Winds:

- Hurricane Force
- Tropical Storm Force

Position:

- Center as of 500 AM EDT
- Past Track

...Strong winds continue over eastern North Carolina as Nico moves ENE offshore the Outer Banks...

Summary of 500 AM EDT Information

Location...34.9N 75.1W

About 30 nm SE of Cape Hatteras, NC

Maximum Sustained Winds...60 kt

Present Movement...E at 12 kt

Size

34 kt...210 NE 180 SE 150 SW 90 NW

Seas to 30 ft

****EXERCISE****

www.nhc.noaa.gov

****EXERCISE****

Forecast Information

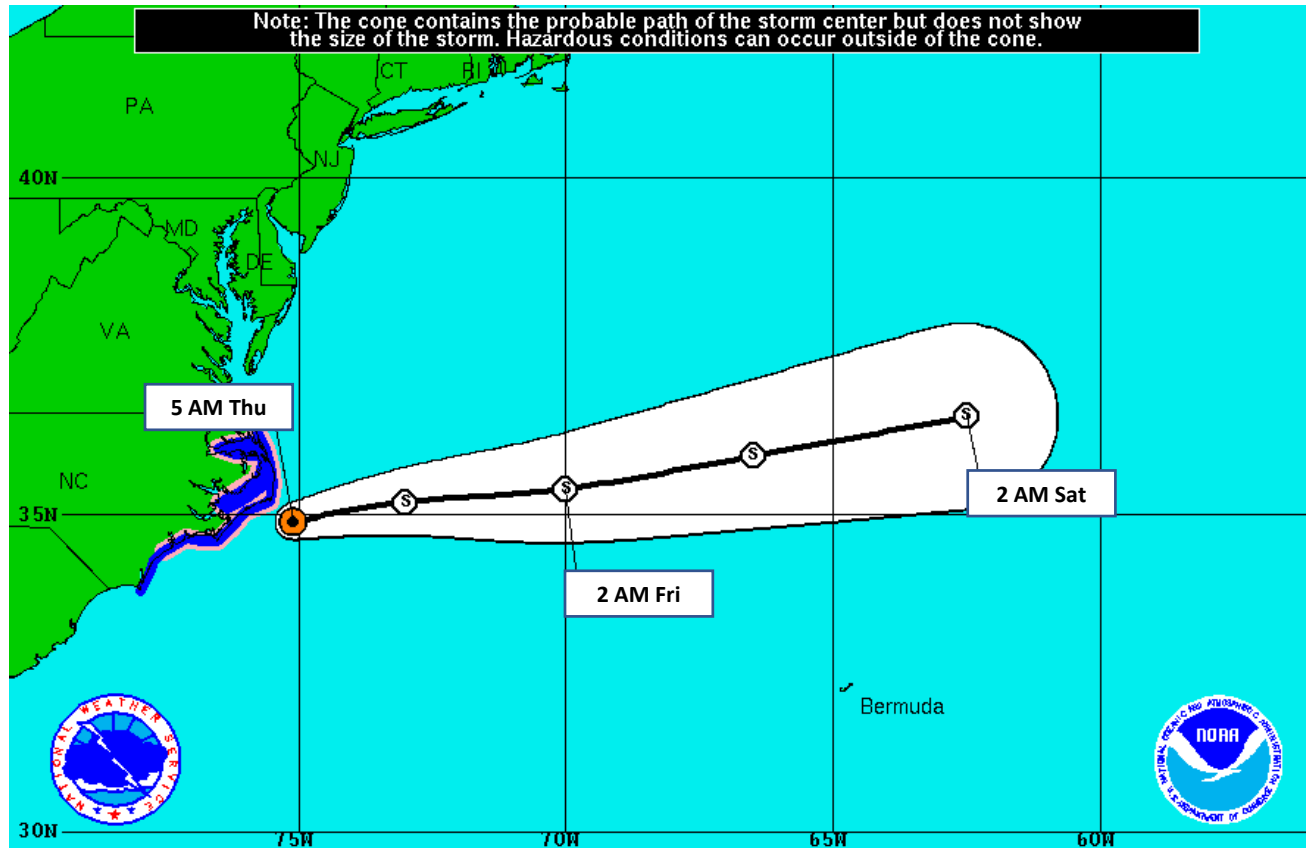
****EXERCISE****



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NWS National Hurricane Center

Tropical Storm Nico

Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.



- Nico has become embedded in the mid-latitude westerly flow and is accelerating to the E
- As Nico transitions to an extratropical cyclone, the intensity will stabilize as the wind field grows
- No further impacts anticipated for D7 Area of Responsibility

Tropical Storm Nico Thursday May 15, 2025 5 AM EDT Advisory 23 NWS National Hurricane Center	Current information Center location 34.9 N 75.1 W Maximum sustained wind 70 mph Movement NE at 12 mph	Forecast Positions: ● Tropical Cyclone ○ Post-Tropical Sustained Winds: D < 39 mph S 39-73 mph H 74-110 mph M > 110mph
Potential Track Area: Day 1-3	Watches: Hurricane Trop.Storm	Warnings: Hurricane Trop.Storm

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

****EXERCISE****

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****EXERCISE****

Storm Surge

****EXERCISE****



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

Tropical Storm Nico

- The Peak Storm Surge Forecast graphic has been discontinued. Water levels may remain elevated with the high tide cycle.

****EXERCISE****

www.nhc.noaa.gov

****EXERCISE****

Expected Storm Total Rainfall and Chance of Rainfall Flooding

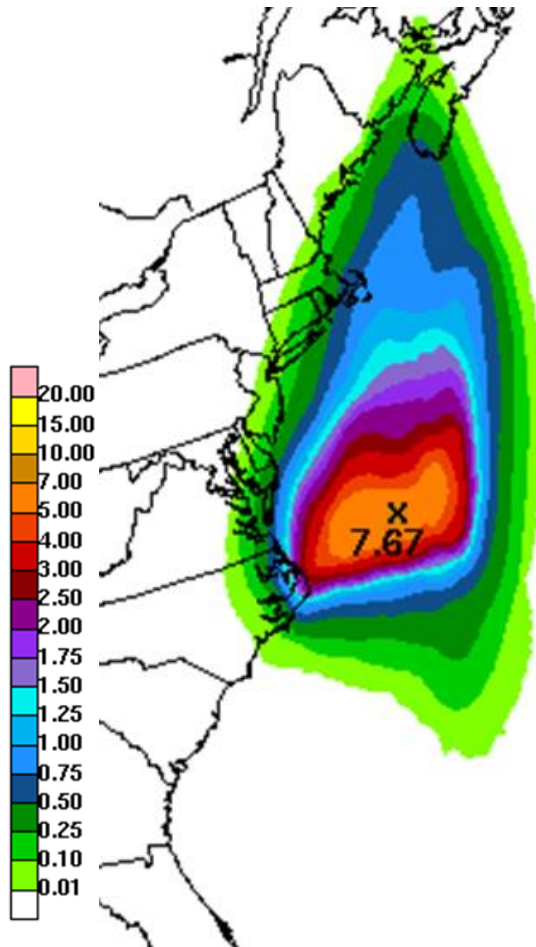
Weather Prediction Center

****EXERCISE****



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

Tropical Storm Nico



NO ORGANIZED AREAS OF RAINFALL
EXCEEDING FLASH FLOOD GUIDANCE
ARE EXPECTED

Rainfall will be subsiding later today with no chance of additional flooding.

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www.nhc.noaa.gov

****EXERCISE****

Marine Key Messages

****EXERCISE****



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

Tropical Storm Nico

- Seas and surf will continue to improve off the North and South Carolina coasts tonight and into tomorrow

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****EXERCISE****

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•From National Weather Service Key West Weather Forecast Office

Extended Forecast for Key West FL

This Afternoon



High: 81 °F

Sunny

Tonight



Low: 72 °F

Mostly Clear

Friday



High: 81 °F

Sunny

Friday Night



Low: 72 °F

Chance
Showers and
Breezy

Saturday



High: 82 °F

Chance
Showers



•From National Weather Service Miami Weather Forecast Office

Extended Forecast for
Miami FL

This Afternoon



High: 78 °F

Sunny and
Breezy

Tonight



Low: 73 °F

Mostly Clear
and Breezy

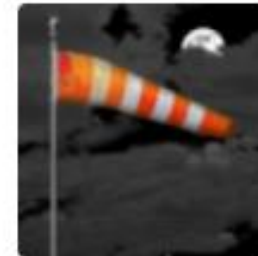
Friday



High: 77 °F

Mostly Sunny
and Windy

Friday Night



Low: 74 °F

Mostly Cloudy
and Windy

Saturday



High: 79 °F

Chance
Showers and
Breezy



• **From National Weather Service Jacksonville Weather Forecast Office**

Extended Forecast for Jacksonville FL

This Afternoon



High: 76 °F

Mostly Sunny
and Breezy

Tonight



Low: 59 °F

Partly Cloudy

Friday



High: 79 °F

Mostly Sunny

Friday Night



Low: 63 °F

Partly Cloudy

Saturday



High: 80 °F

Mostly Cloudy



•From National Weather Service Charleston, SC Weather Forecast Office

Extended Forecast for Savannah GA

This Afternoon



High: 71 °F

Sunny

Tonight



Low: 53 °F

Mostly Clear

Friday



High: 78 °F

Mostly Sunny

Friday Night



Low: 61 °F

Partly Cloudy

Saturday



High: 77 °F

Mostly Cloudy