

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

**Winds – High to Extreme**

**Storm Surge – Medium**

**Rainfall/Flash Flooding – Extreme**

**Tornadoes – Low**

**Waves - Extreme**

# Hurricane Lisa BRIEFING

Mon May 12, 2025 – 5pm EDT



Prepared by:  
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*Tropical Analysis and Forecast Branch*  
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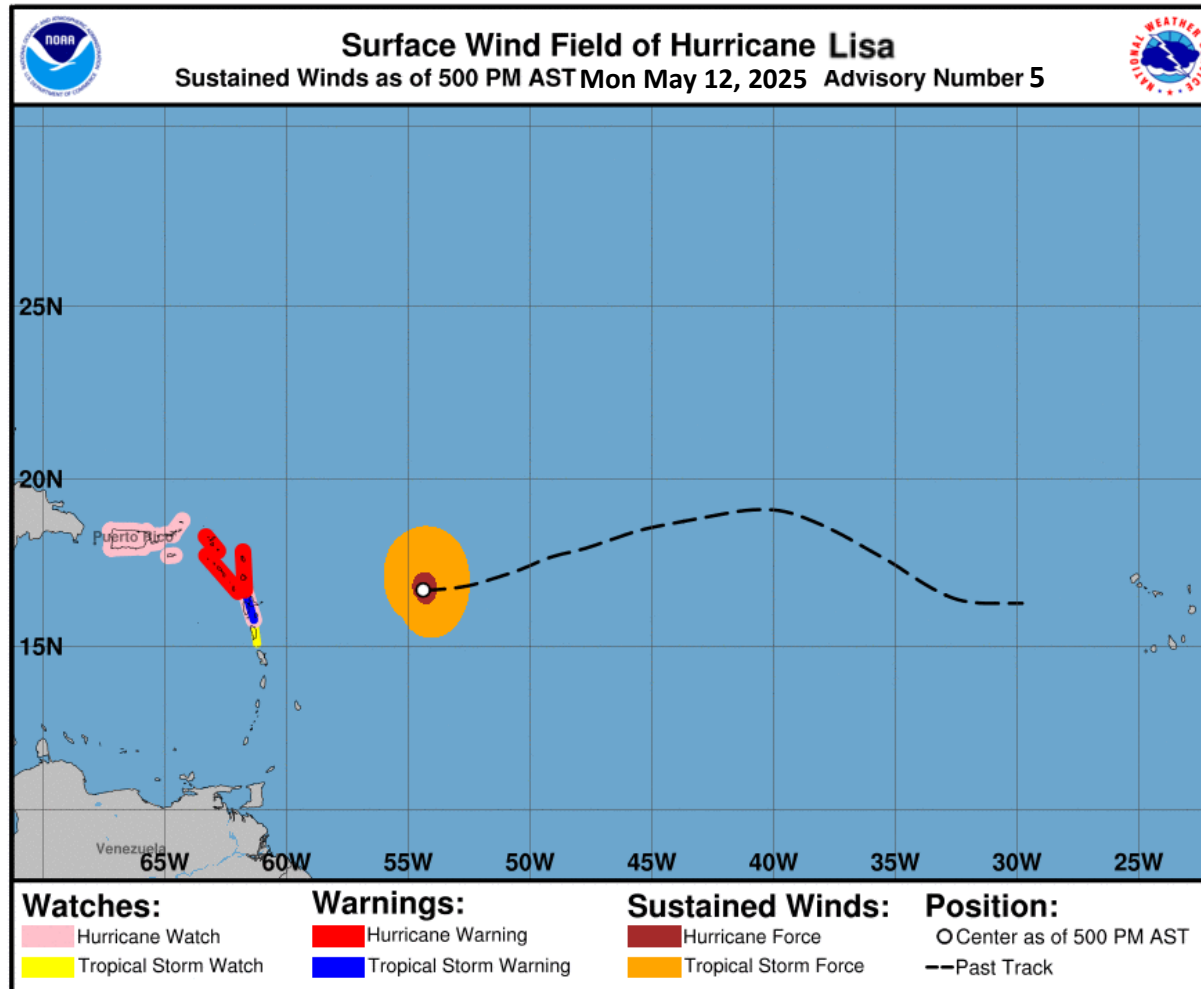


# Situation Overview

## Hurricane Lisa



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## ...Lisa Strengthens as it Heads Toward Leeward Islands...

### Summary of 500 PM EDT Information

Location... 16.7N 54.4W  
About 425 nm...E of Leeward Islands  
About 680 nm...E of San Juan, PR  
Maximum Sustained Winds... 125 kt  
Present Movement... W at 11 kt

### Size

34 kt...120 NE 100 SE 70 SW 110 NW  
Seas to 42 ft

# Forecast Information

## Hurricane Lisa



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- Lisa will move over the northern Leeward Islands Tuesday, and approach Puerto Rico Wed evening
- Lisa is expected to continue moving WNW, staying near, or just north of, the Greater Antilles through Tue
- Lisa is expected to remain a major hurricane until after it passes near Puerto Rico.

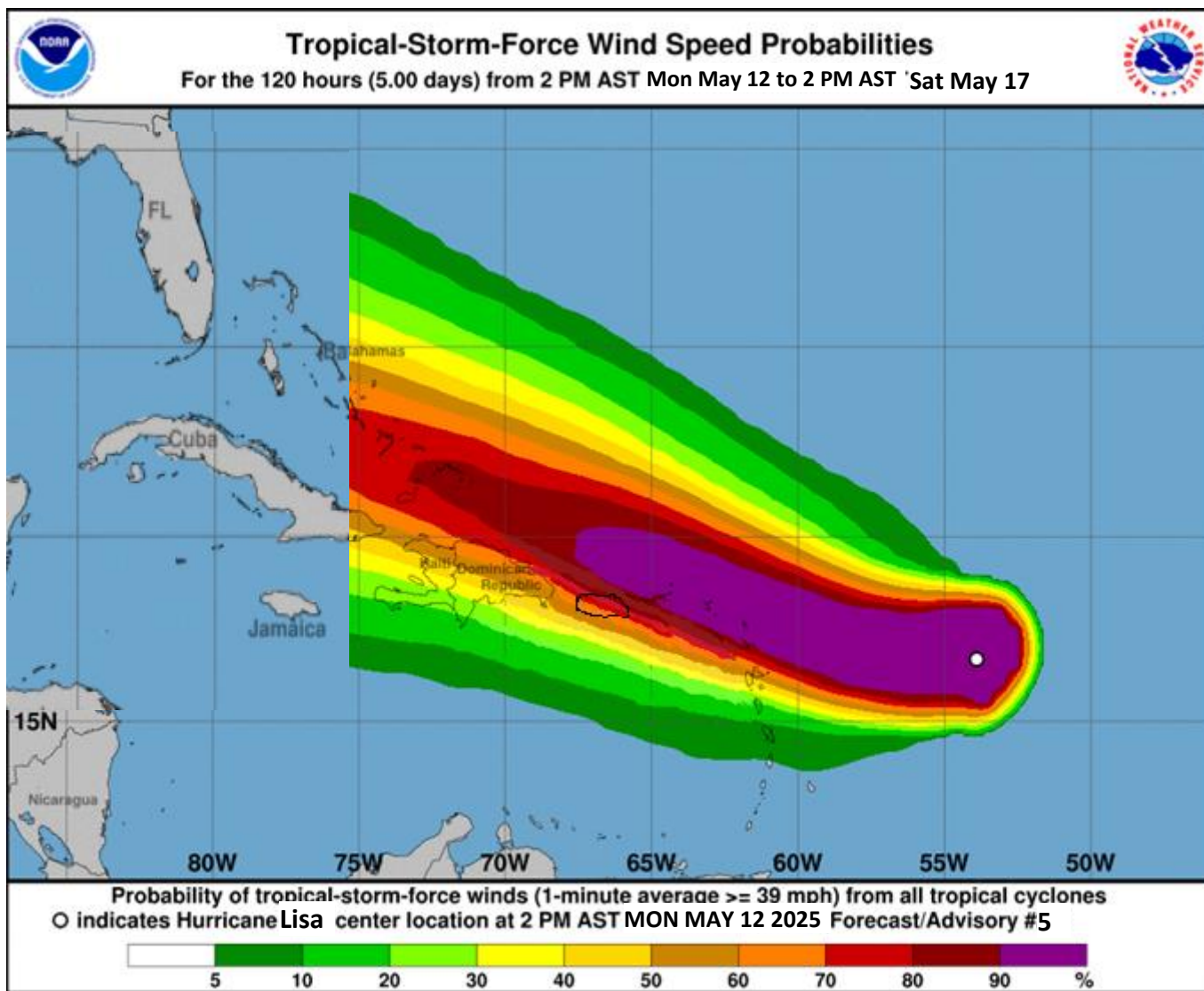
**NOTE:** Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.

# T.S. Wind Speed Probabilities

## Hurricane Lisa



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- Ponce 60%
- San Juan PR 80%
- Aguadilla, PR 70%
- Vieques 80%
- St. Croix 75%
- St. Thomas 90%

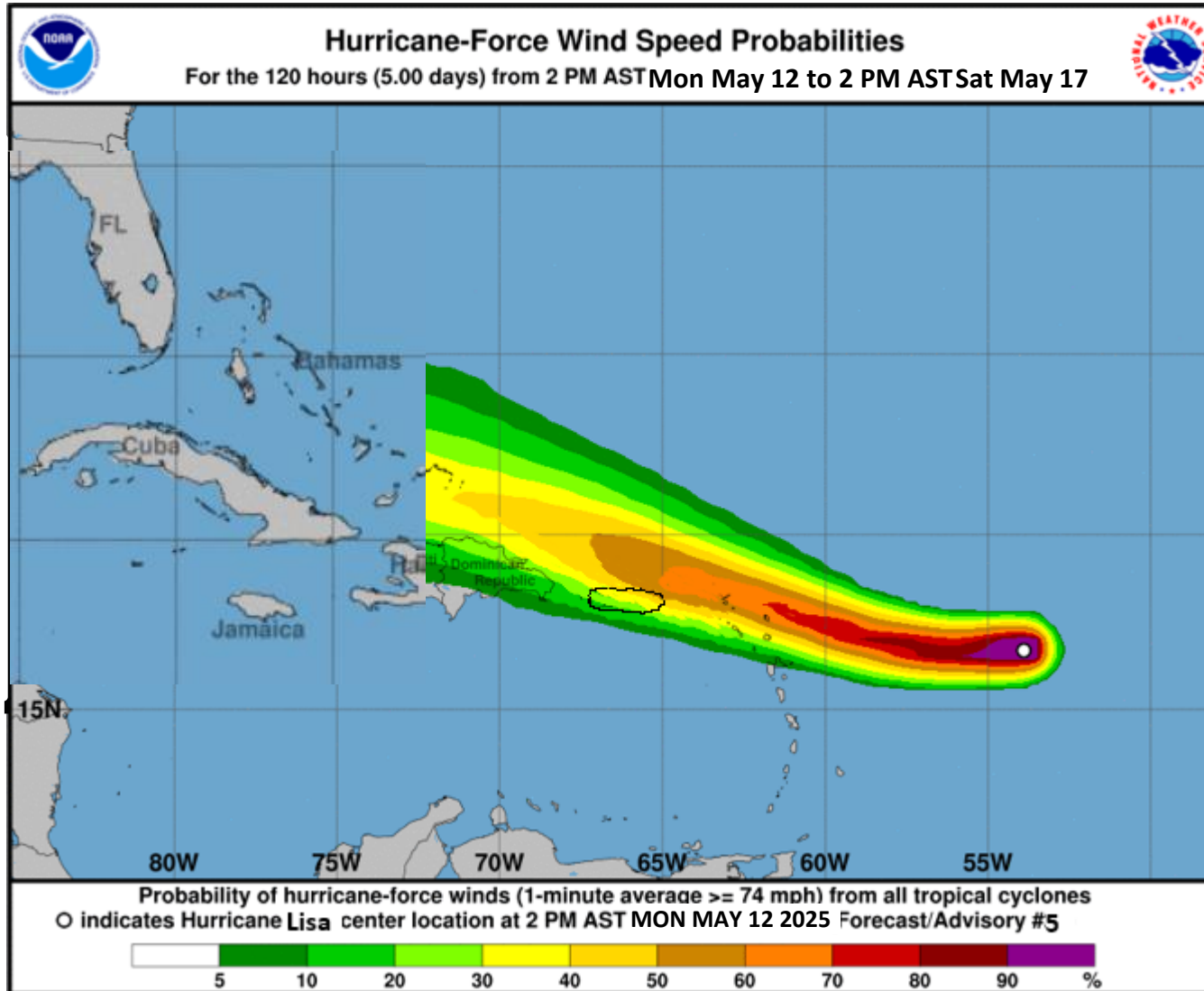


# Hurricane Wind Speed Probabilities

Hurricane Lisa



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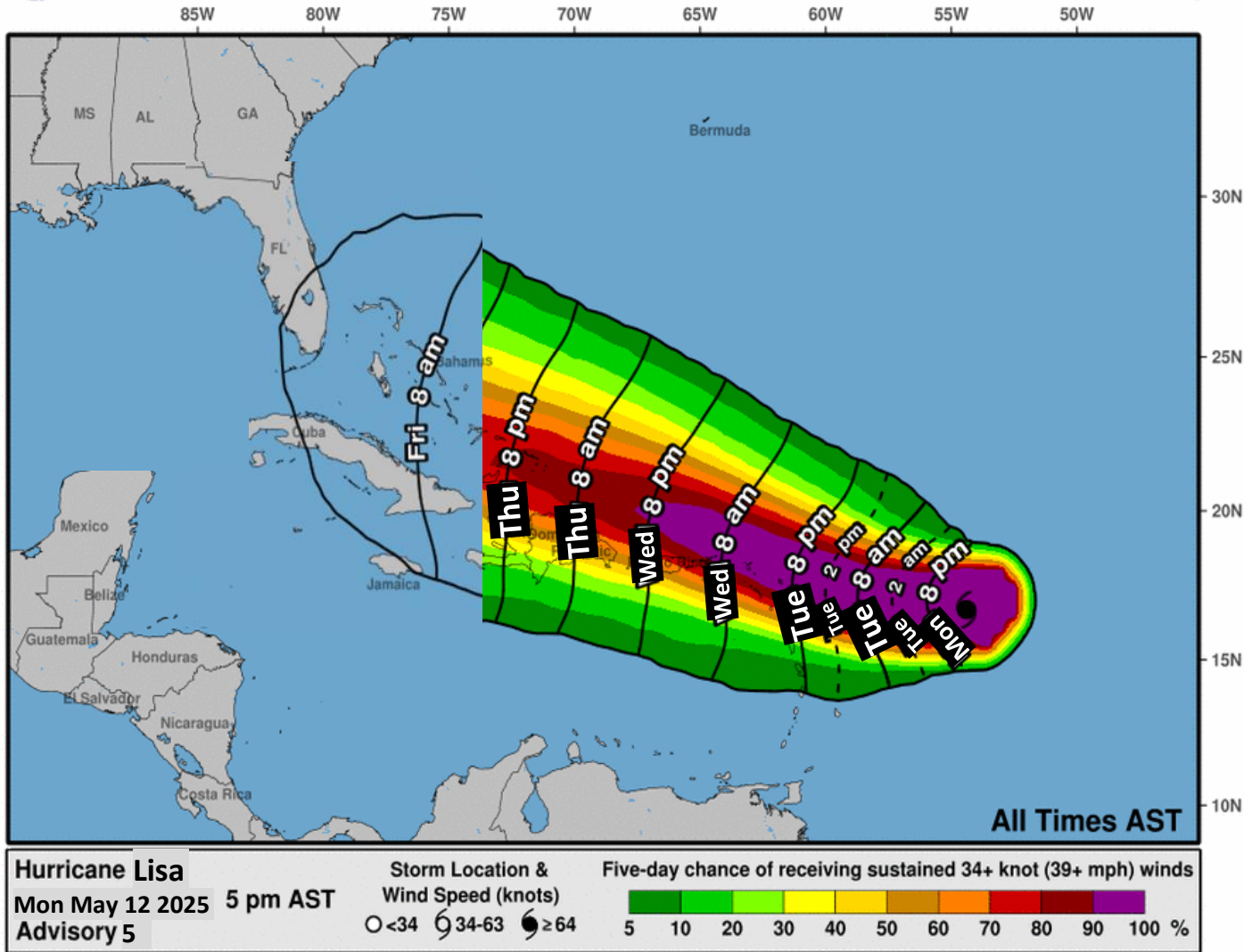
- Ponce 20%
- San Juan PR 45%
- Aguadilla, PR 30%
- Vieques 45%
- St. Croix 30%
- St. Thomas 55%



Hurricane Lisa



Most Likely Arrival Time of Tropical-Storm-Force Winds



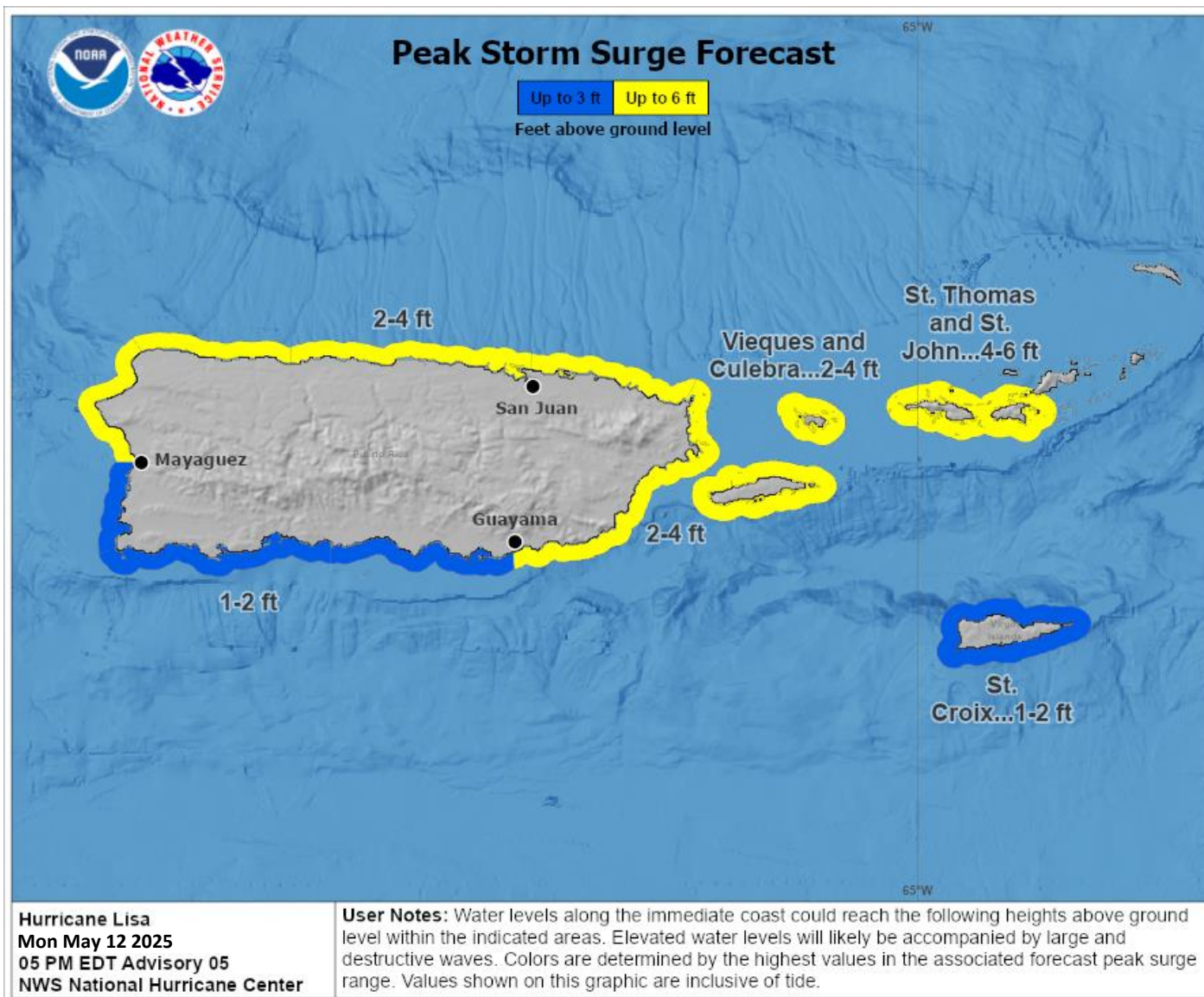
- Puerto Rico: **Late Wed**
- The most likely time of arrival of Tropical Storm Force Winds (34kt to 63 kt) for this cyclone based off the current track and wind radii.

# Storm Surge

## Hurricane Lisa



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- Large Waves combined with storm surge will likely lead to significant beach erosion and potentially minor structural damage along the immediate NE and N coastlines of Puerto Rico



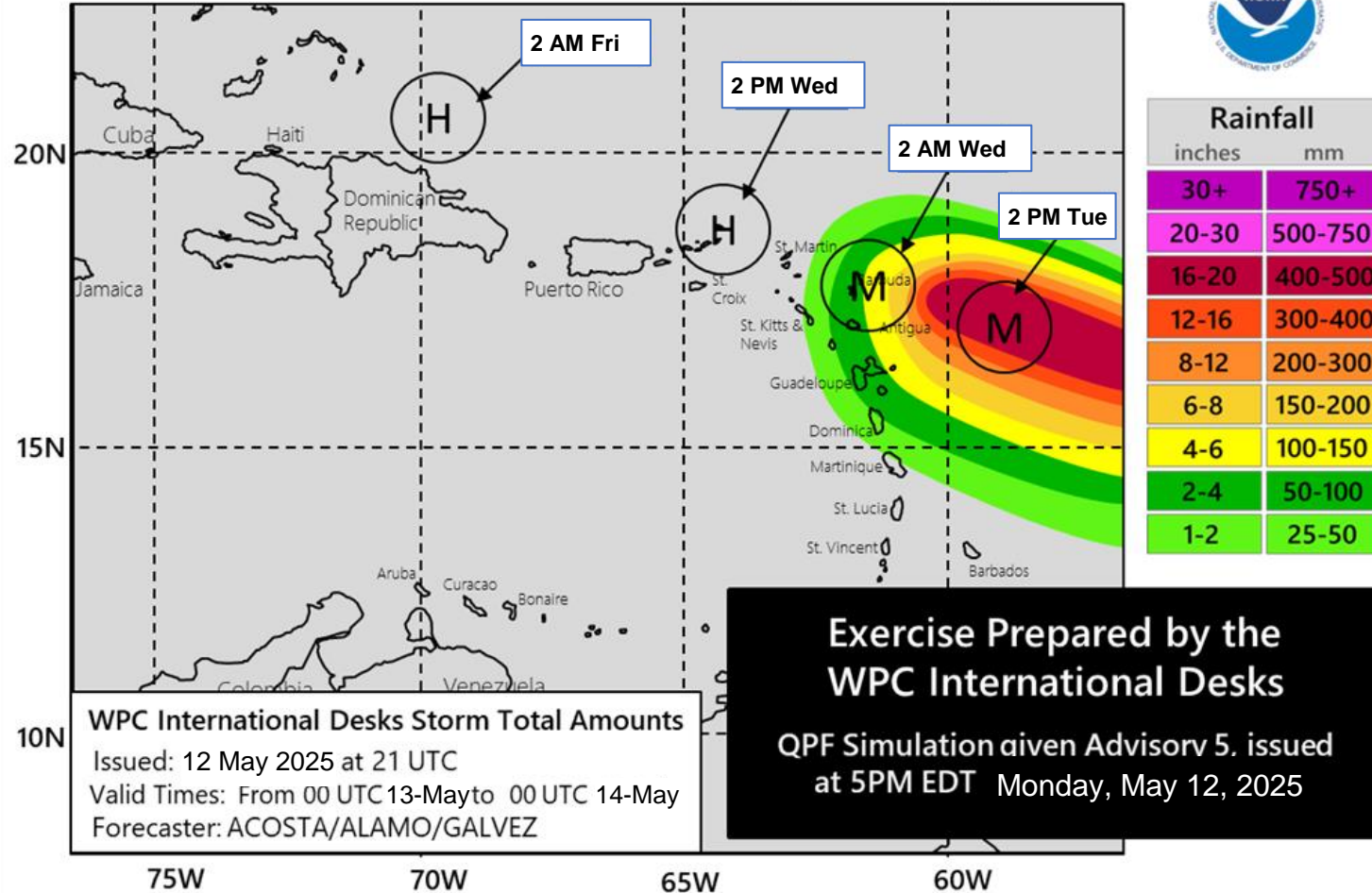
# Expected Storm Total Rainfall - Weather Prediction Center

## Hurricane Lisa



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### Hurricane Lisa 24-hr QPF (Exercise)



- The chance for Major Flooding Rainfall is increasing for Puerto Rico and the U.S. Virgin Islands



# Marine Key Messages

## Hurricane Lisa



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- Seas could build to 35 ft north of Puerto Rico on Wed with dangerous surf conditions

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