

IMPACTS FOR D7 (through next 5 days)

Winds – High

Storm Surge – High

Rainfall/Flash Flooding – High

Tornadoes – Low

Waves - Medium

**Hurricane Lisa
BRIEFING
Wed July 19, 2023 – 4pm EDT**



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Situation Overview

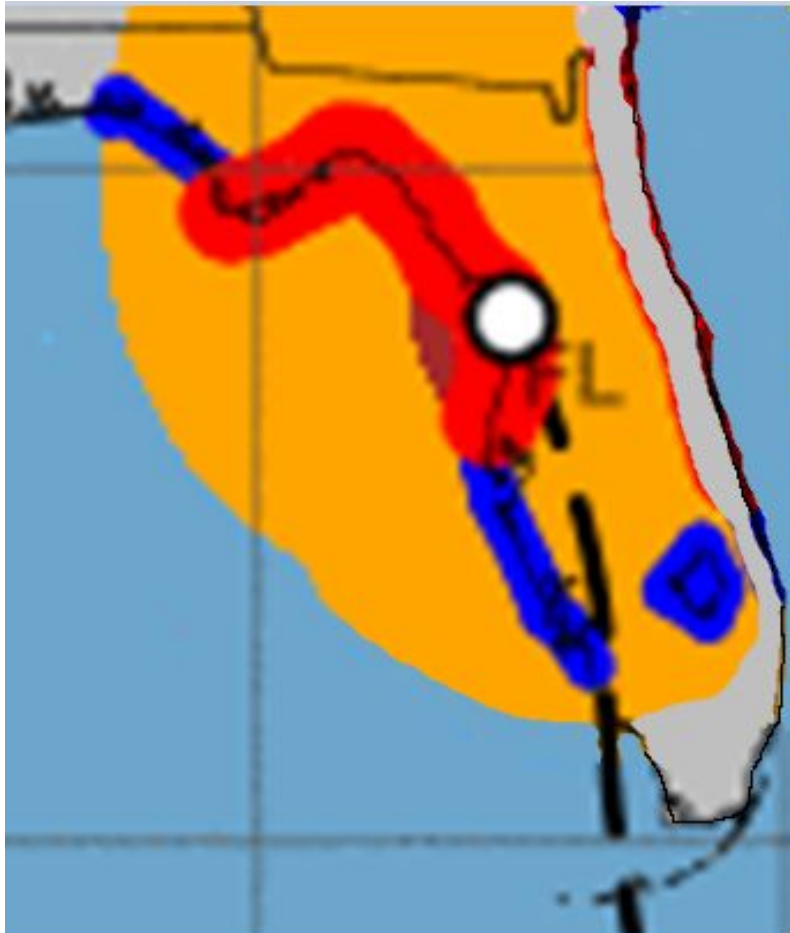
****EXERCISE****



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Hurricane Lisa

 **Surface Wind Field of Hurricane Lisa**
Sustained Winds as of 500 PM AST Wed Jul 19 2023 Advisory Number 29 



...Lisa weakening as center accelerates along the coast north of Tampa...

Summary of 500 PM EDT Information

Location... 28.8N 82.7W
About 55 nm...NNW of Tampa, FL
Maximum Sustained Winds...65 kt
Present Movement...NNW at 16 kt

Size
34 kt... 140 NE 140 SE 140 SW 180 NW
Seas to 20 ft

****EXERCISE****

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Hurricane Lisa

- **Tampa Bay:**

- Dangerous sustained hurricane force winds (Category I) are occurring in and around the Tampa Bay area.
- Dangerous storm surge continues.

- **South Florida and the Florida Keys:**

- Sustained hurricane force winds (Category I) occurred from **Big Pine Key to Tavernier**, with higher gusts.
- **Key West** and **Miami** both experienced sustained winds of strong tropical storm force, with higher gusts.
- Tropical storm force winds have now ended for South Florida and the Florida Keys, and all warnings have been discontinued.
- Storm Surge has receded.
- Within the past hour, heavy rain in South Florida has ended. Some streets in Miami are impassable due to flooding, but these waters will recede completely over the next 6 to 12 hours.

Forecast Information

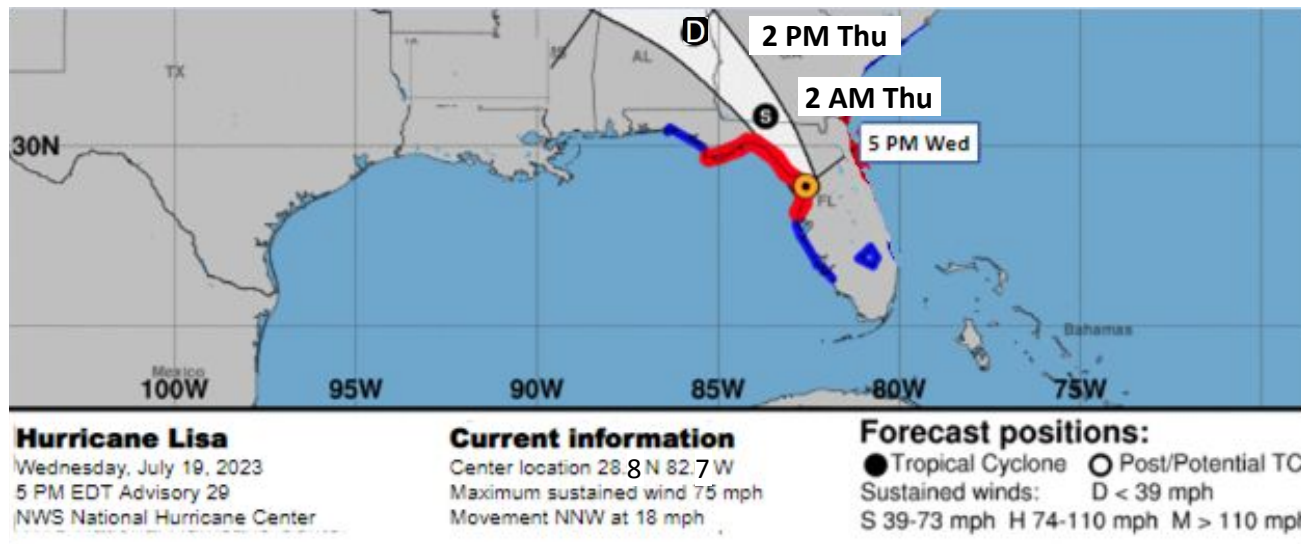
Hurricane Lisa

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- **Storm Surge Warnings remain in effect for Tampa Bay**
- **Hurricane and Tropical Storm Warnings remain in effect, with those conditions continuing through tonight**
- **Lisa is forecast to weaken to a tropical storm tonight.**
- **All Warnings dropped for SE Florida and Florida Keys**
- 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.

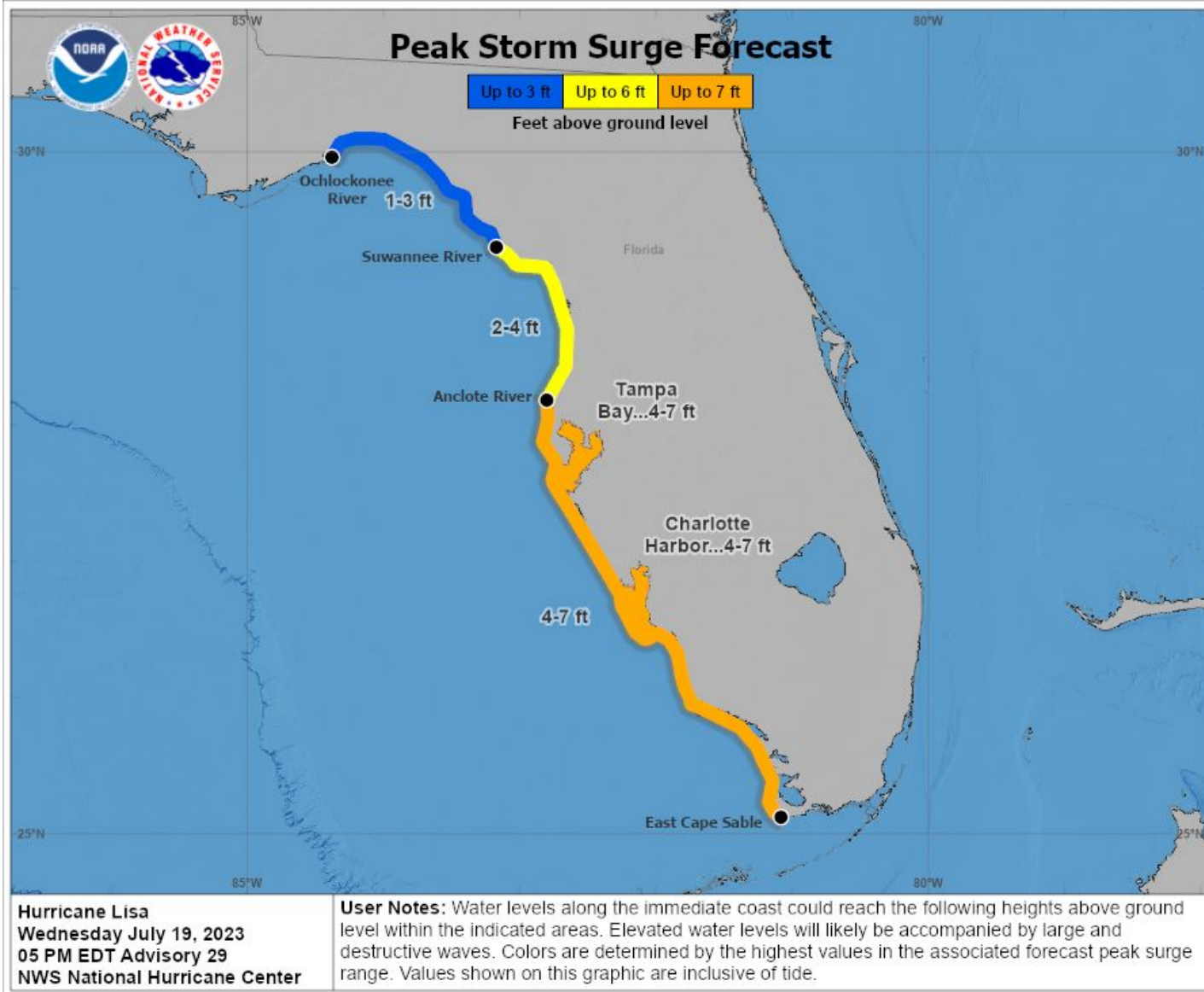
Storm Surge

****EXERCISE****



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Hurricane Lisa



- A storm surge of **4 - 7 ft** above ground level is expected from East Cape Sable to the Anclote River, including Charlotte Harbor and Tampa Bay.
- A storm surge of **2 - 4 ft** above ground level is expected from the Anclote River to the Suwannee River.
- A storm surge of **1 - 3 ft** above ground level is expected from the Suwannee River to the Ochlocknee River

****EXERCISE****

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- Additional rainfall amounts of **3 to 6 inches** are forecast in the Tampa Bay area, from now through Thursday
- Storm total rainfall amounts are expected to range from **6 to 12 inches**, with isolated totals to **20 inches** for Tampa Bay area
- This will result in **significant flash and river flooding.**
- As a reminder, rain has ended in South Florida, though any persisting flood waters will recede within the next 6 to 12 hours.



- There is a **low** threat of an isolated tornado today in Central Florida, including Tampa Bay.
- The threat of an isolated tornado will decrease late tonight.



- **15 - 20 ft seas** are occurring over the E Gulf of Mexico just offshore, within 50 nm of the center of Lisa.

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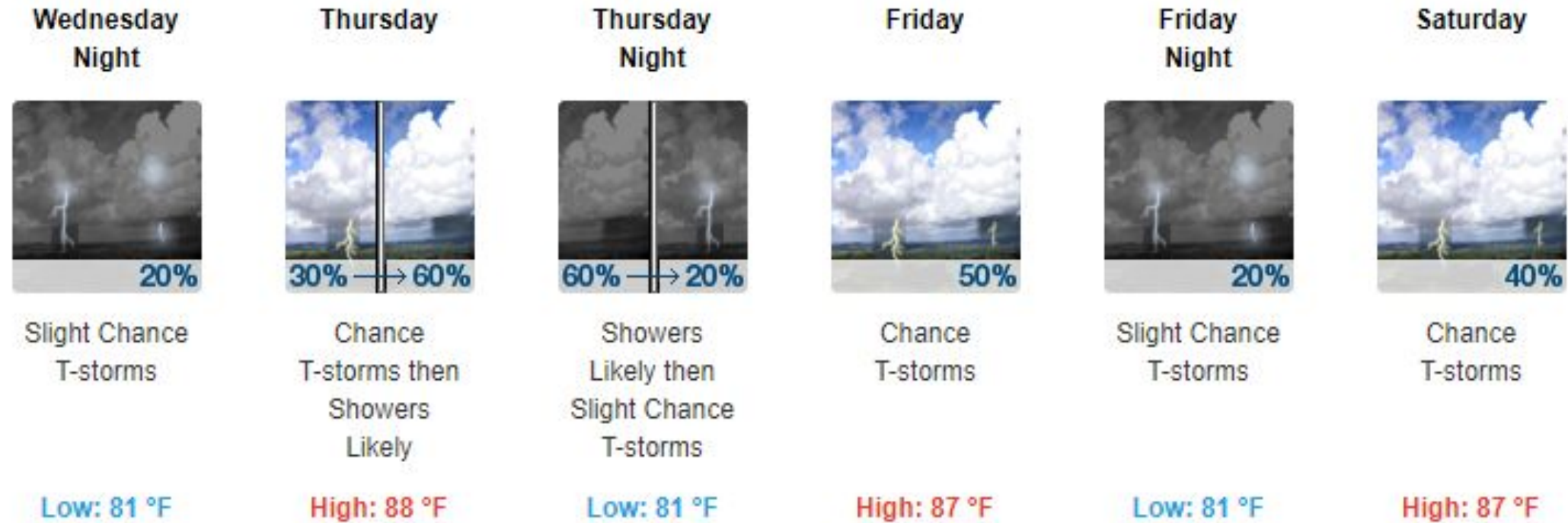
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Tornadoes – Low

Waves - Medium



•From National Weather Service Miami Weather Forecast Office





•From National Weather Service Key West Weather Forecast Office

Wednesday
Night



Slight Chance
T-storms

Low: 82 °F

Thursday



Chance
Showers

High: 91 °F

Thursday
Night



Slight Chance
T-storms

Low: 83 °F

Friday



Slight Chance
T-storms

High: 91 °F

Friday
Night



Slight Chance
T-storms

Low: 82 °F

Saturday



Slight Chance
T-storms

High: 91 °F



•From National Weather Service Tampa Bay Weather Forecast Office

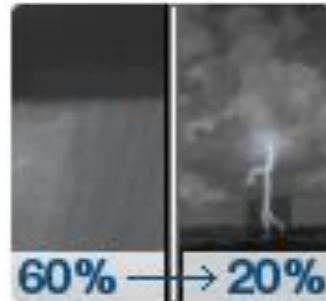
Thursday



Scattered
T-storms then
Showers
Likely

High: 92 °F

Thursday
Night



Showers
Likely then
Isolated
T-storms

Low: 78 °F

Friday



Scattered
T-storms

High: 93 °F

Friday
Night



Partly Cloudy

Low: 79 °F

Saturday



Scattered
T-storms

High: 93 °F