



# Weather Briefing on Tropical Depression #3

Sunday, June 05, 2016

**NWS Miami**



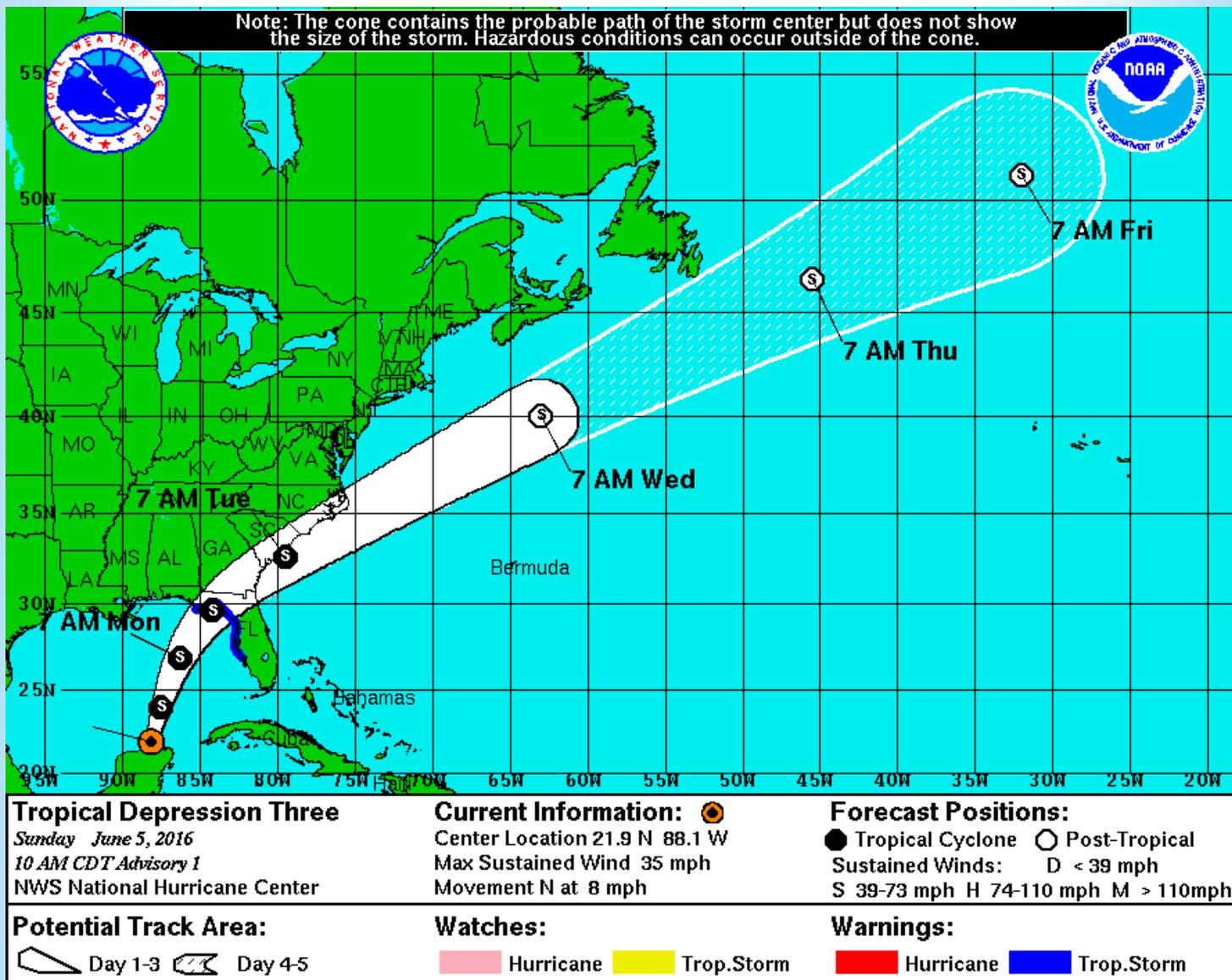


# Situation Overview

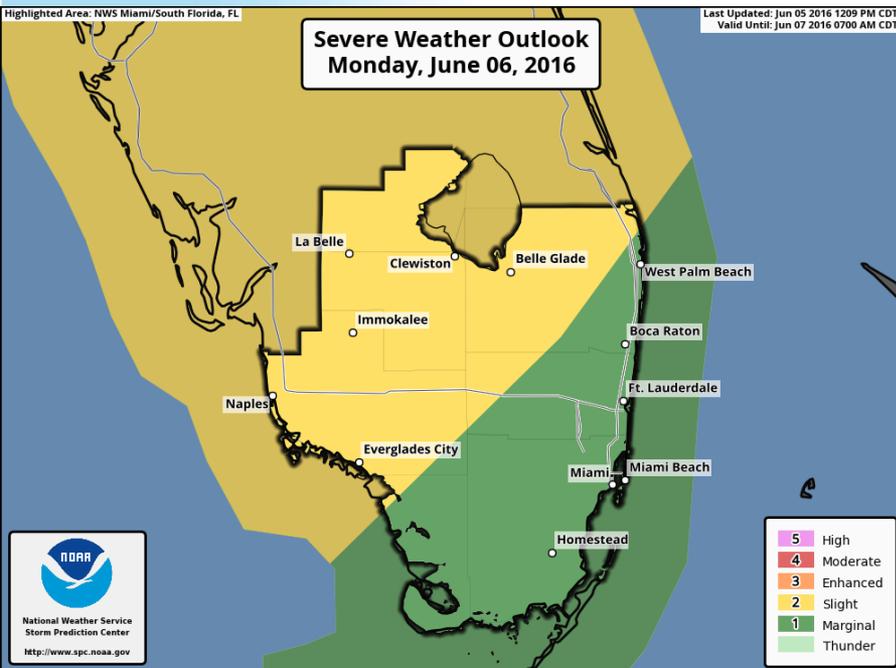


- **Tropical Depression 3 develops over the southern Gulf**
- **System is forecast to head in the general direction of the Big Bend/North Florida region early this week**
- **There are no tropical cyclone watches or warnings in effect for South Florida. Although they cannot be ruled out they are not anticipated at this time**
- **Regardless of where system approaches the coast, potential impacts for South Florida early Monday through Tuesday continue to include:**
  - Locally heavy rain and flooding potential, which will continue to be a concern for the remainder of the week
  - Strong storms, with isolated tornadoes
  - High surf and beach erosion/minor coastal flooding along Gulf coast
  - High risk rip currents along both gulf and Atlantic coasts

## Forecast Advisory



# Wind & Tornado Threats



**Monday Morning Through  
Tuesday Morning**

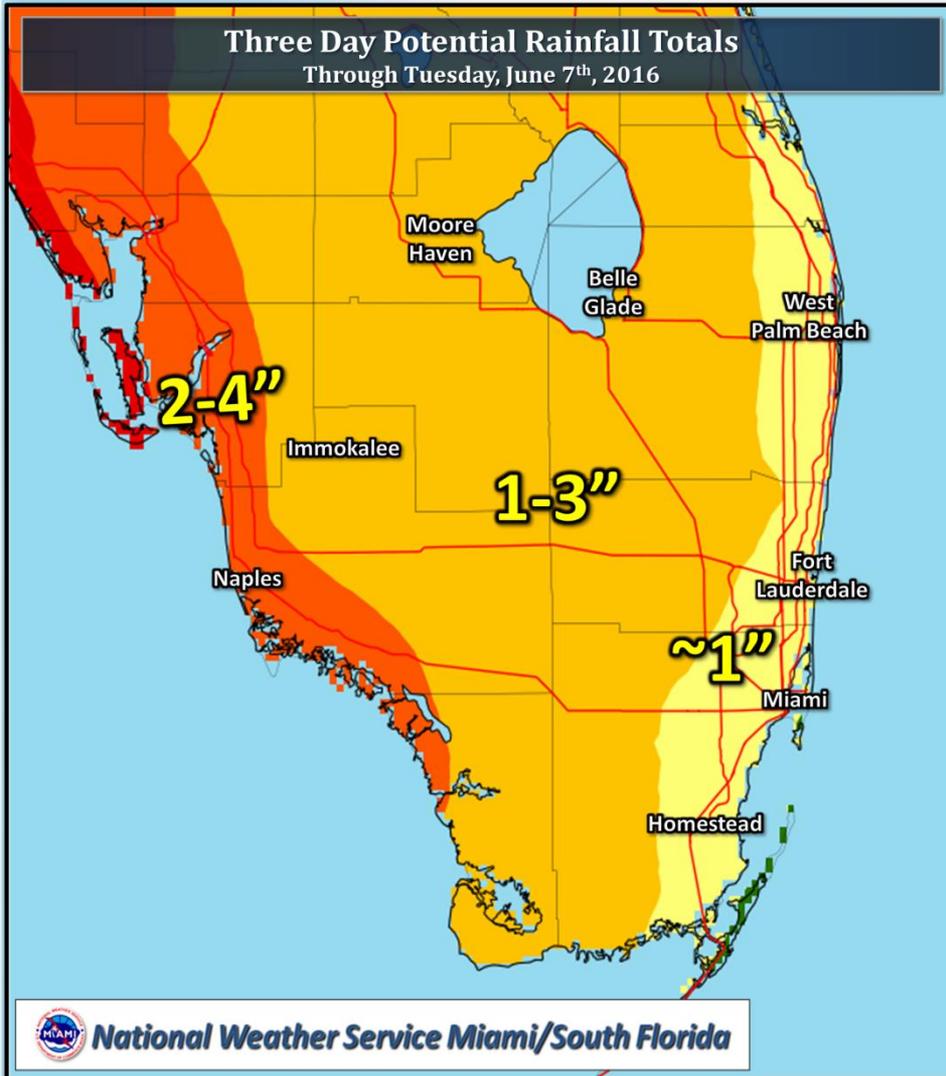
- **Severe Weather**
  - Slight risk: SW Florida and Lake Region
  - Marginal risk: SE Florida
  - Threat of strong storms with wind gusts in excess of 45 mph
  - Isolated Tornadoes
- **Timing**
  - Early Monday through first half of Tuesday
- **Potential Impacts**
  - Damage to porches, awnings, and/or mobile homes
  - Unsecured light objects blown around
  - Tree limbs broken off, a few snapped or uprooted



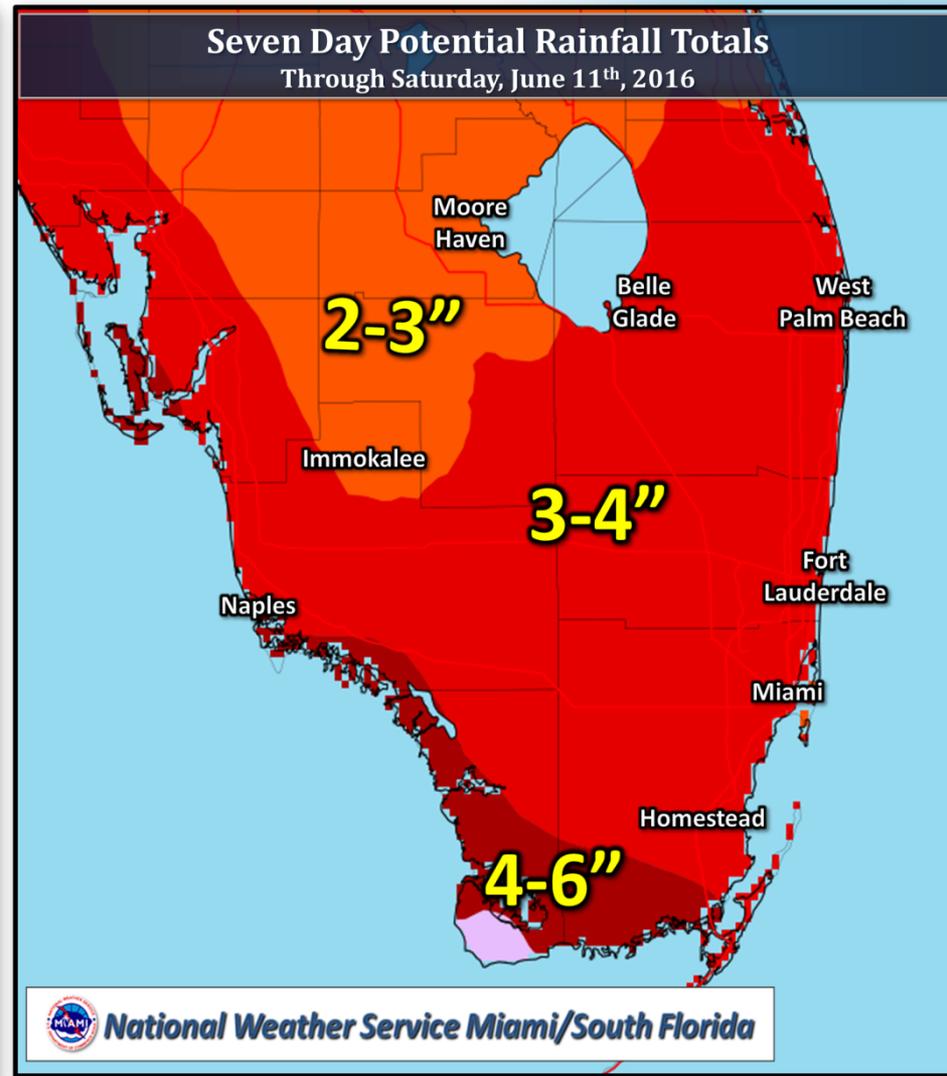
# Rainfall Flooding Threat

(Highlights Next Slide)

Three Day Potential Rainfall Totals  
Through Tuesday, June 7<sup>th</sup>, 2016



Seven Day Potential Rainfall Totals  
Through Saturday, June 11<sup>th</sup>, 2016



# Rainfall Flooding Threat

- **Rainfall/Flooding**
  - As system moves north across eastern Gulf Monday and Tuesday, greatest threat is for areas north of South Florida
  - As system departs state late Tuesday and middle of the week, trailing boundary will shift focus for potential of heavier rains into south Florida
  - This is what is reflected on the two maps shown in previous slide, with rain totals through Tuesday on the left and rain totals for the week on the right
  - **However**, rainfall amounts for any given time frame could be locally much higher or lower than shown and therefore threat of locally heavy rain in rain squalls and potential flooding will exist for much of the week
- **Timing**
  - Threat of heavy rains and potential flooding will be around from Monday through late week
- **Potential Impacts**
  - Street flooding will be likely with water entering structures possible in hardest hit places and flood prone areas if highest threat is realized

# Marine/Coastal Threats

- **Marine/Coastal**

- South winds 25 to 30 knots and gusty over the southwest Florida Gulf waters with peak seas building to 9 to 13 feet offshore and 6 to 10 nearshore. Wind south 20 to 25 knots and gusty along Atlantic waters with peak seas 5-7 feet (greatest values well offshore).
- Small craft advisory is in effect for the Gulf waters through Tuesday morning. An advisory will be needed on Monday for the Atlantic and the Lake also.

- **Timing**

- Peak values Monday morning through early Tuesday morning Gulf waters and late Monday throughout Tuesday Atlantic waters

- **Potential Impacts for Gulf Coast**

- **Gulf coast**

- High risk of rip currents: Monday through Tuesday
- Rough surf and beach erosion: Monday through Tuesday
- Minor coastal flooding: Monday afternoon through early morning Tuesday. Most likely around high tide (2 PM) Monday afternoon, and again Tuesday morning (4 AM). Inundation values could approach 1 to 2 ft above ground level right at the coast.

- **Atlantic coast**

- Increasing risk of rip currents: Monday through early half of Tuesday

# Summary for South Florida

## Primary concerns ...

- Tropical Depression 3 forms in the Gulf of Mexico
- Regardless of track, there is a potential for the following hazards particularly from Monday through Tuesday across South Florida:
  - Locally Heavy rain and flooding with concern continuing through remainder of the week
  - Strong storms with isolated tornadoes
  - High surf and beach erosion/minor coastal flooding, primarily along Gulf coast
  - High risk of rip currents Gulf as well as Atlantic waters

# NWS Miami Contact Information

Most effective means of contact are the phone # listed to the right or the ops email shown. Please don't use specific individual emails as the person might be off duty.



(305) 229 – 4525 (24 hours/7 days)



**E-mail:** [sr-mfl.ops@noaa.gov](mailto:sr-mfl.ops@noaa.gov)



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