



8 AM Weather Briefing on Tropical Storm Colin

Monday, June 06, 2016

NWS Miami





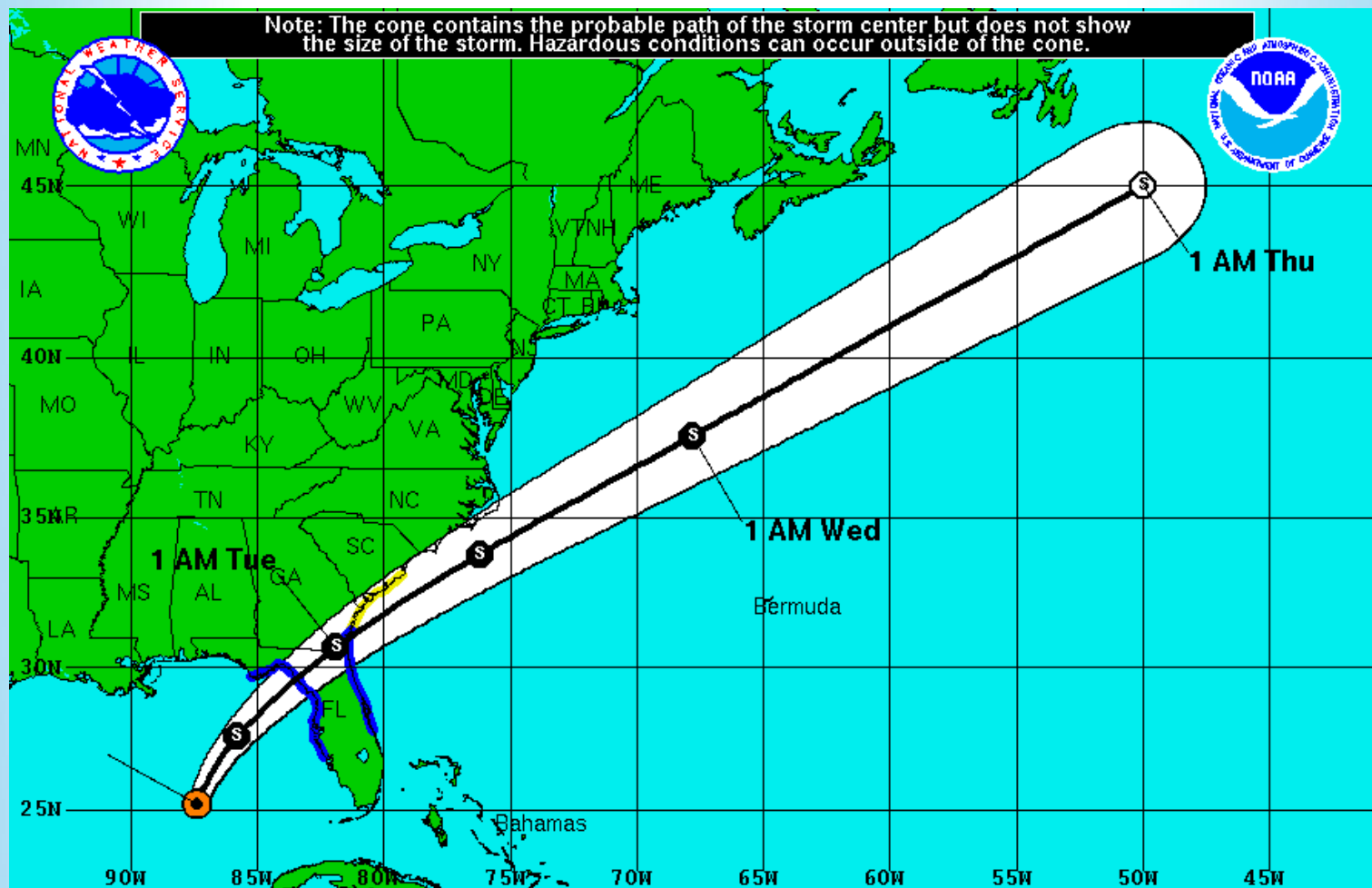
Situation Overview



- **Tropical Storm Colin moving NE across the eastern Gulf**
- **System is forecast to continue heading in the general direction of the Big Bend/North Florida region crossing the state tonight**
- **There are no tropical cyclone watches or warnings in effect for South Florida. Although they cannot totally be ruled out, they are not anticipated.**
- **Regardless of where system approaches the coast, potential impacts for South Florida through Tuesday continue to include:**
 - Locally heavy rain and flooding potential, which will continue to be a concern for the remainder of the week.
 - Trends indicate threat has lessened for today but heavy rains can still not be ruled out.
 - Strong storms, with isolated tornadoes
 - High surf and beach erosion/minor coastal flooding along Gulf coast
 - High risk rip currents along gulf coast and moderate along Atlantic coast



Forecast Advisory



Tropical Storm Colin
 Monday June 6, 2016
 4 AM CDT Advisory 4
 NWS National Hurricane Center

Current Information: ●
 Center Location 25.2 N 87.4 W
 Max Sustained Wind 50 mph
 Movement NNE at 14 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:



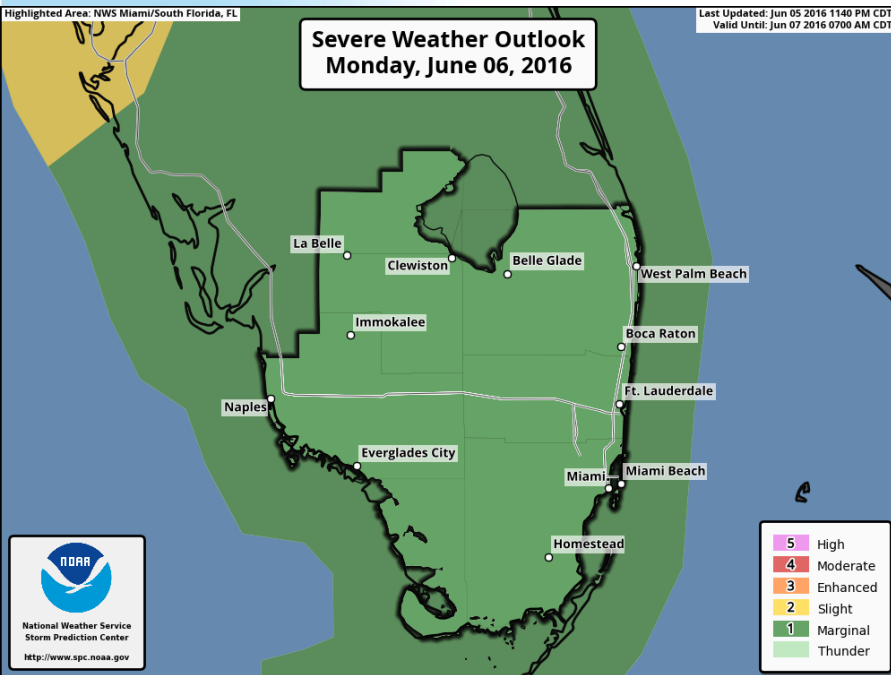
Watches:



Warnings:



Wind & Tornado Threats



Through Tuesday Morning

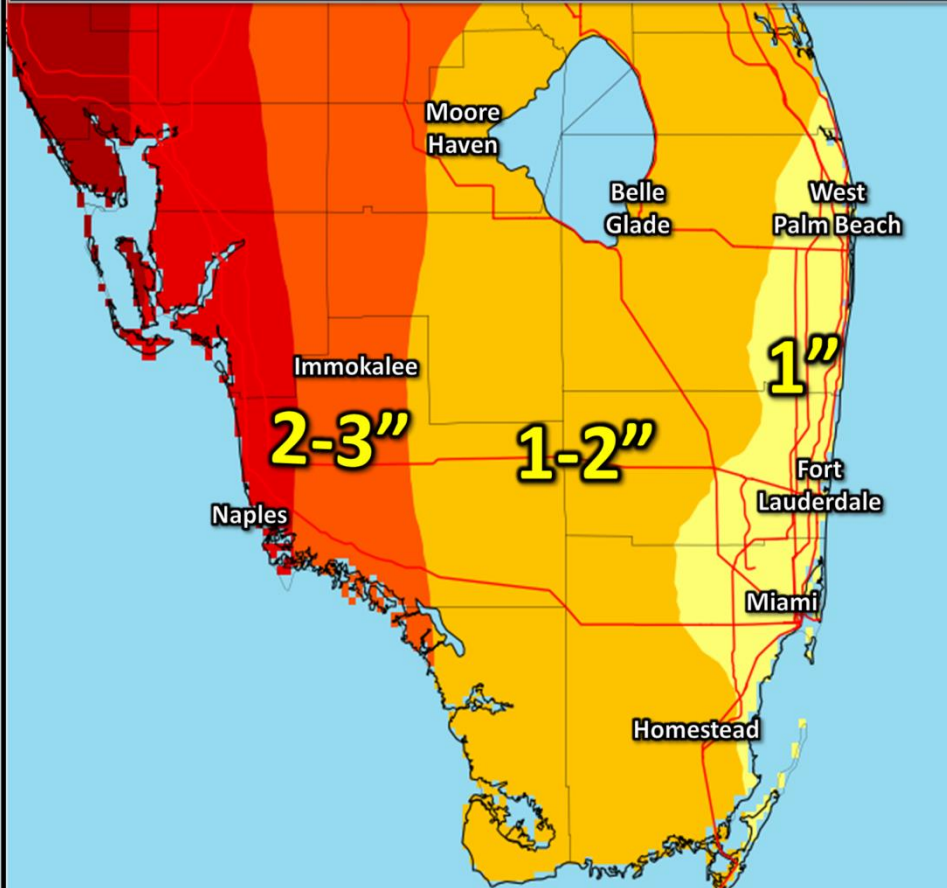
- **Severe Weather**
 - Marginal risk: All of South Florida
 - Threat of strong storms with wind gusts in excess of 45 mph
 - Isolated Tornadoes
- **Timing**
 - Through first half of Tuesday
- **Potential Impacts**
 - Damage to porches, awnings, and/or mobile homes
 - Unsecured light objects blown around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



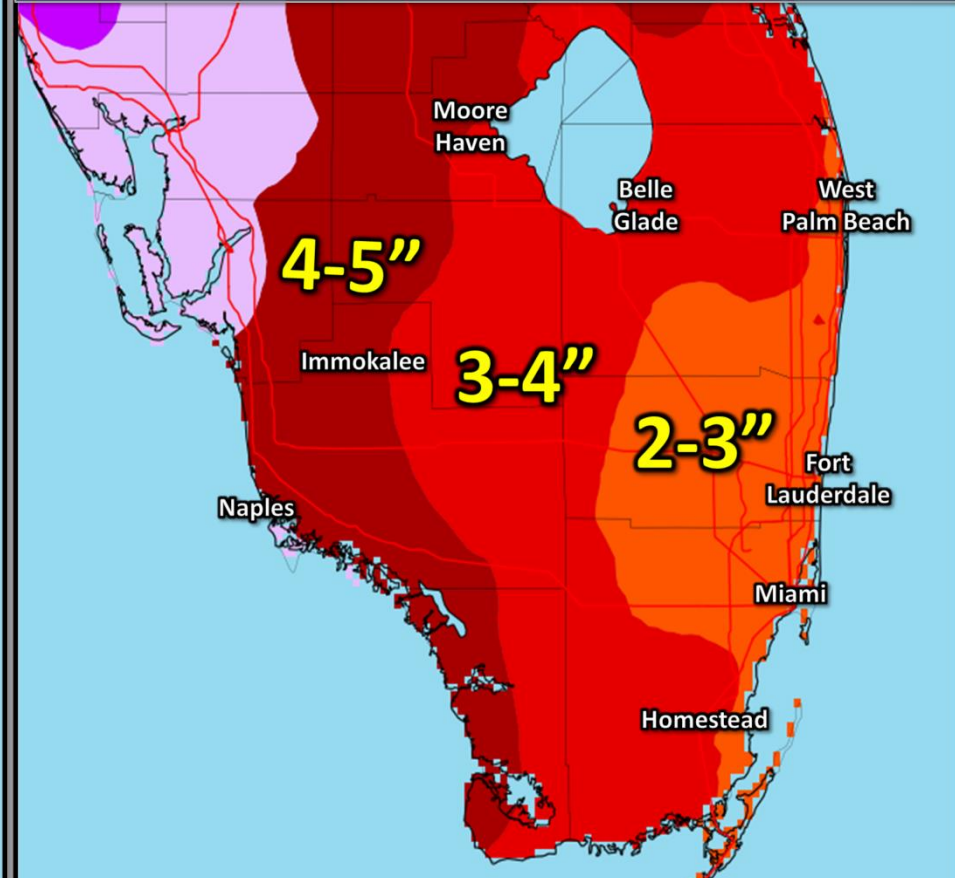
Rainfall Flooding Threat

(Highlights Next Slide)

Two Day Potential Rainfall Totals
Through Tuesday, June 7th, 2016



Seven Day Potential Rainfall Totals
Through Sunday, June 12th, 2016



Rainfall Flooding Threat

- **Flood Watch for Collier, Hendry, & Glades Counties Through this evening**
- **Rainfall/Flooding**
 - Greatest threat is for Southwest Florida and areas north of Lake Okeechobee
 - Trends indicate threat has lessened for today but heavy rains can still not be ruled out.
 - As system departs state late Tuesday and middle of the week, trailing boundary will continue potential of heavy rains for South Florida
 - This is what is reflected on the two maps shown in previous slide, with rain totals through Wednesday morning 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
- **Timing**
 - Through late week
- **Potential Impacts**
 - Street flooding 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).
- **Timing**
 - Peak values: through early Tuesday morning Gulf waters and late Monday Night through Tuesday Night Atlantic waters
 - Therefore **Small craft advisory is in effect for the Gulf waters and Lake Okeechobee through Tuesday morning. An advisory is in effect for the Atlantic waters through early Wednesday.**
- **Potential Impacts for Gulf Coast**
 - **Gulf coast: Coastal Flood Advisory for Collier & mainland Monroe Monday through Tuesday morning**
 - High risk of rip currents: through Tuesday Morning
 - Rough surf and beach erosion: through Tuesday Morning
 - 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 right at the coast resulting in inundation of vulnerable locations.
 - **Atlantic coast**
 - Moderate risk of rip currents: through mid day Tuesday

Summary for South Florida

Primary concerns ...

- Tropical Storm Colin moving north across Eastern Gulf of Mexico Today and staying away from South Florida
- Regardless of track, there is still a potential for the following hazards particularly 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 along Gulf coast
 - High risk of rip currents Gulf coast. Moderate Atlantic coast.

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



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