



HURRICANE IRMA BRIEFING



7:00 PM EDT
Sunday, September 10, 2017

Prepared by:
Daniel Noah

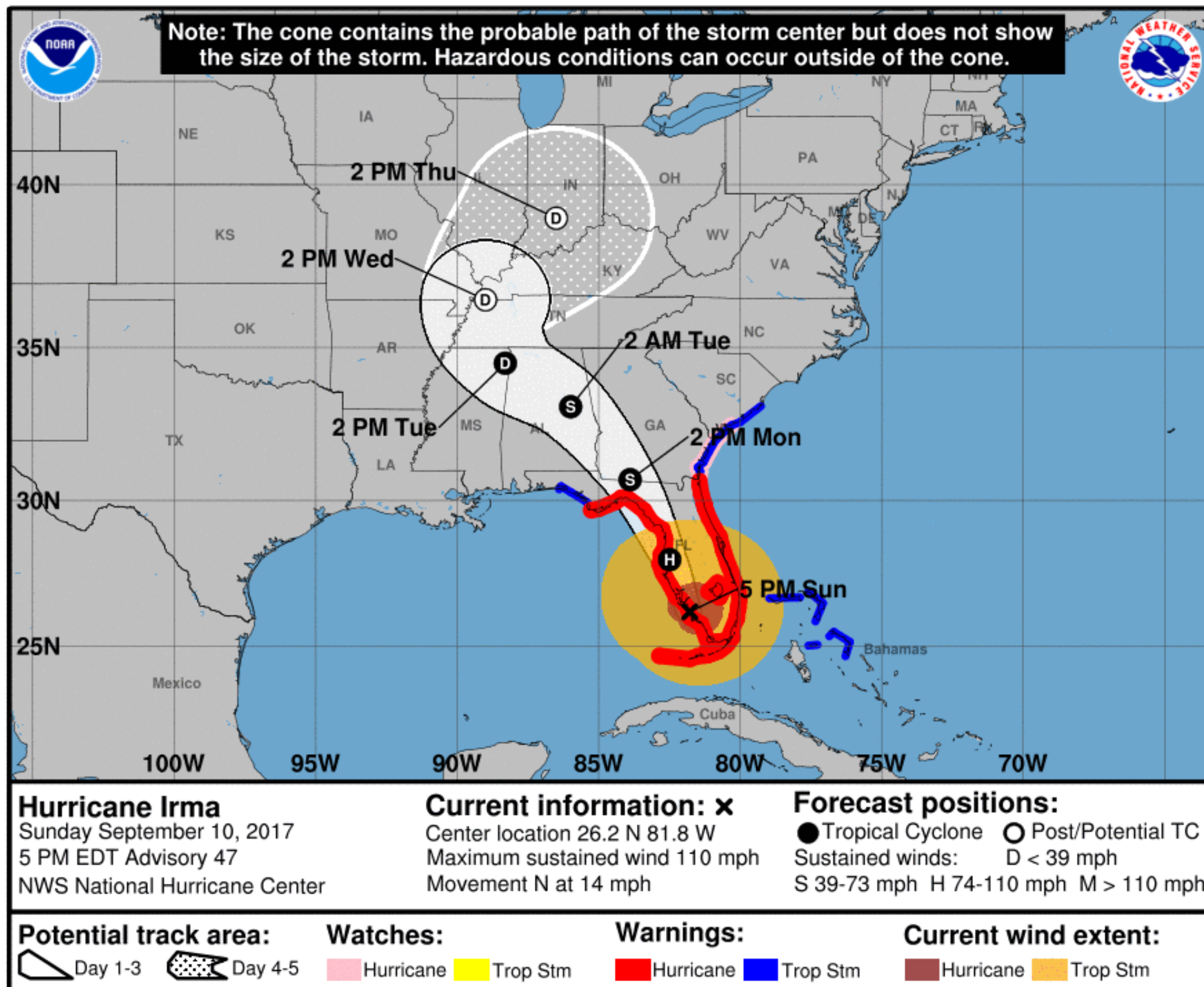
Situation Overview



Tampa Bay Area

WEATHER FORECAST OFFICE

Hurricane Irma



- Irma's Eyewall onshore causing Major damage in southwest Florida
- Friction over land and dry air wrapping into system will keep strength much lower than previously expected in the Tampa bay area northward
- Surge potential much lower north of Fort Myers



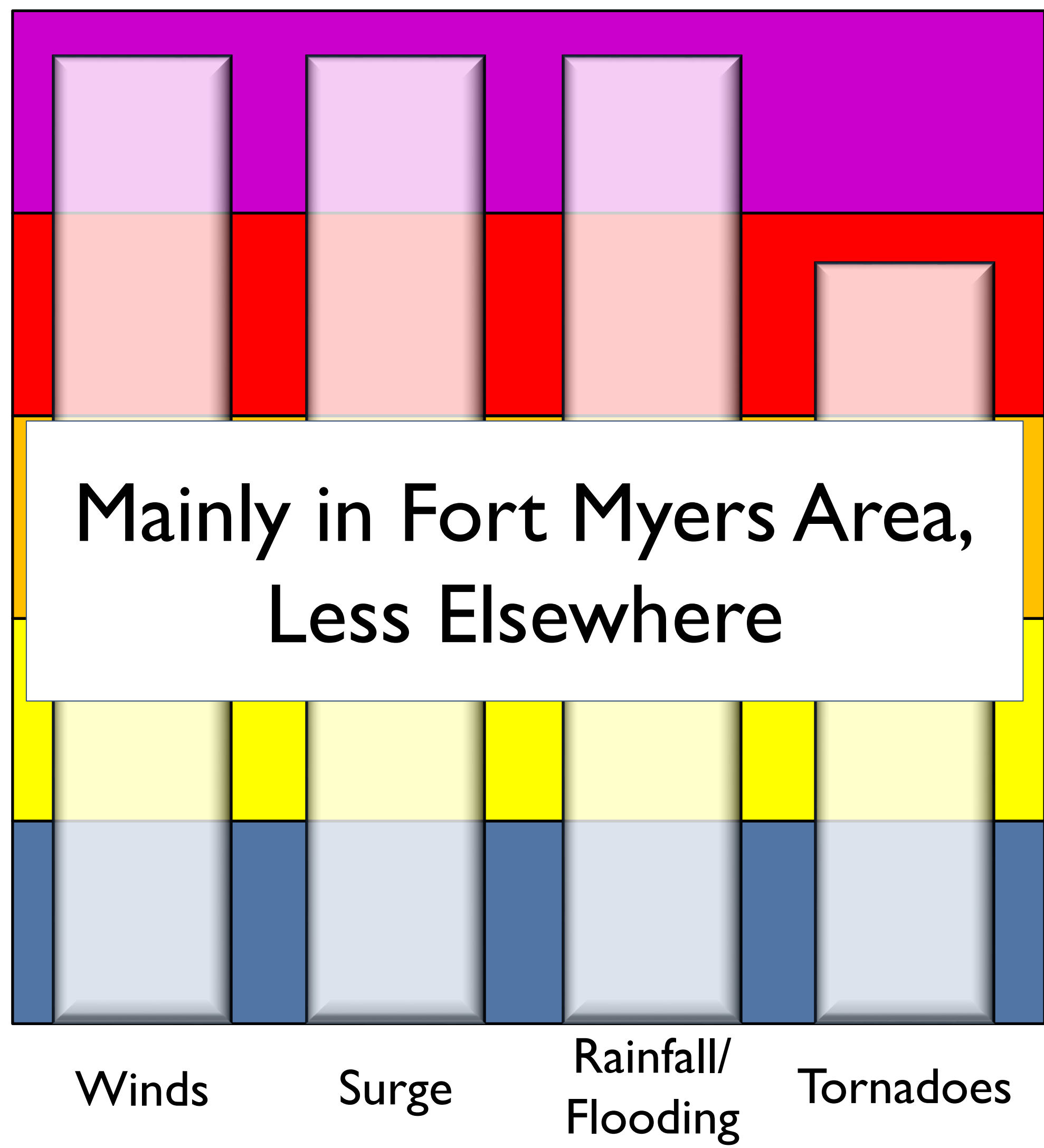
Threat Levels



Tampa Bay Area

WEATHER FORECAST OFFICE

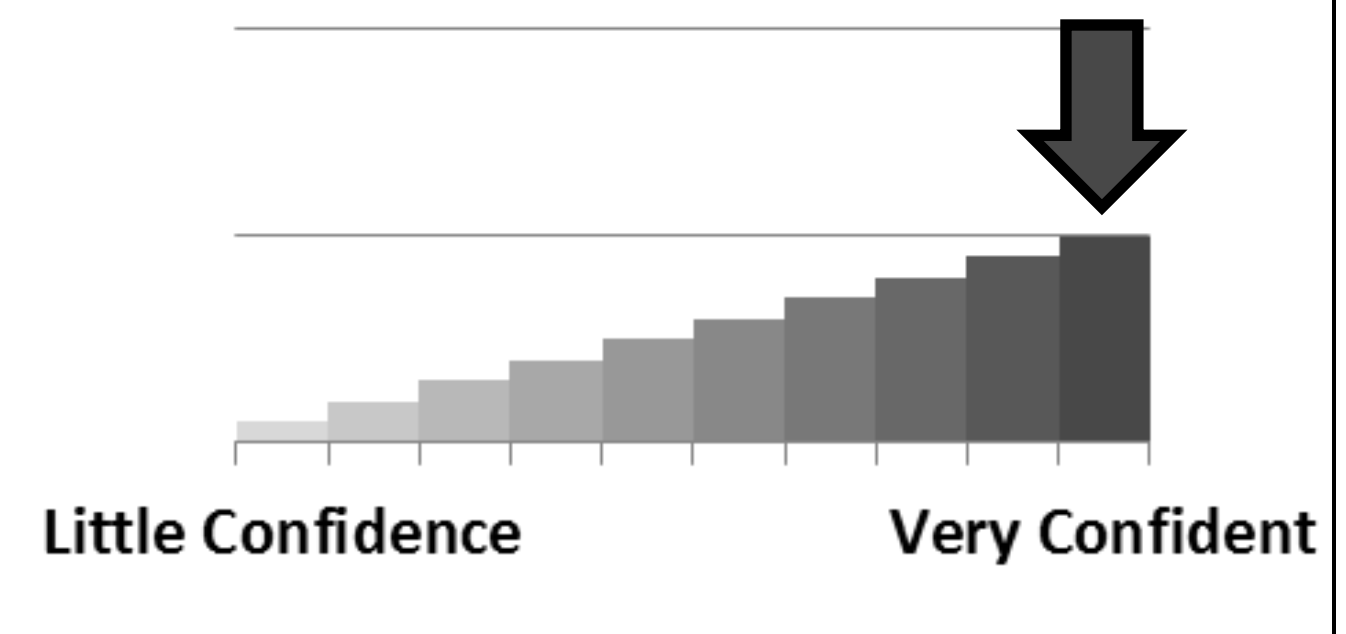
Hurricane Irma



Threat Level

- Extreme
- High
- Moderate
- Low
- None

Forecast Confidence



Current Radar View & Gusts



Tampa Bay Area

WEATHER FORECAST OFFICE

Hurricane Irma



Extreme Wind Warning
for winds > 115 mph
issued this afternoon

Max Wind by County Last 12 Hours

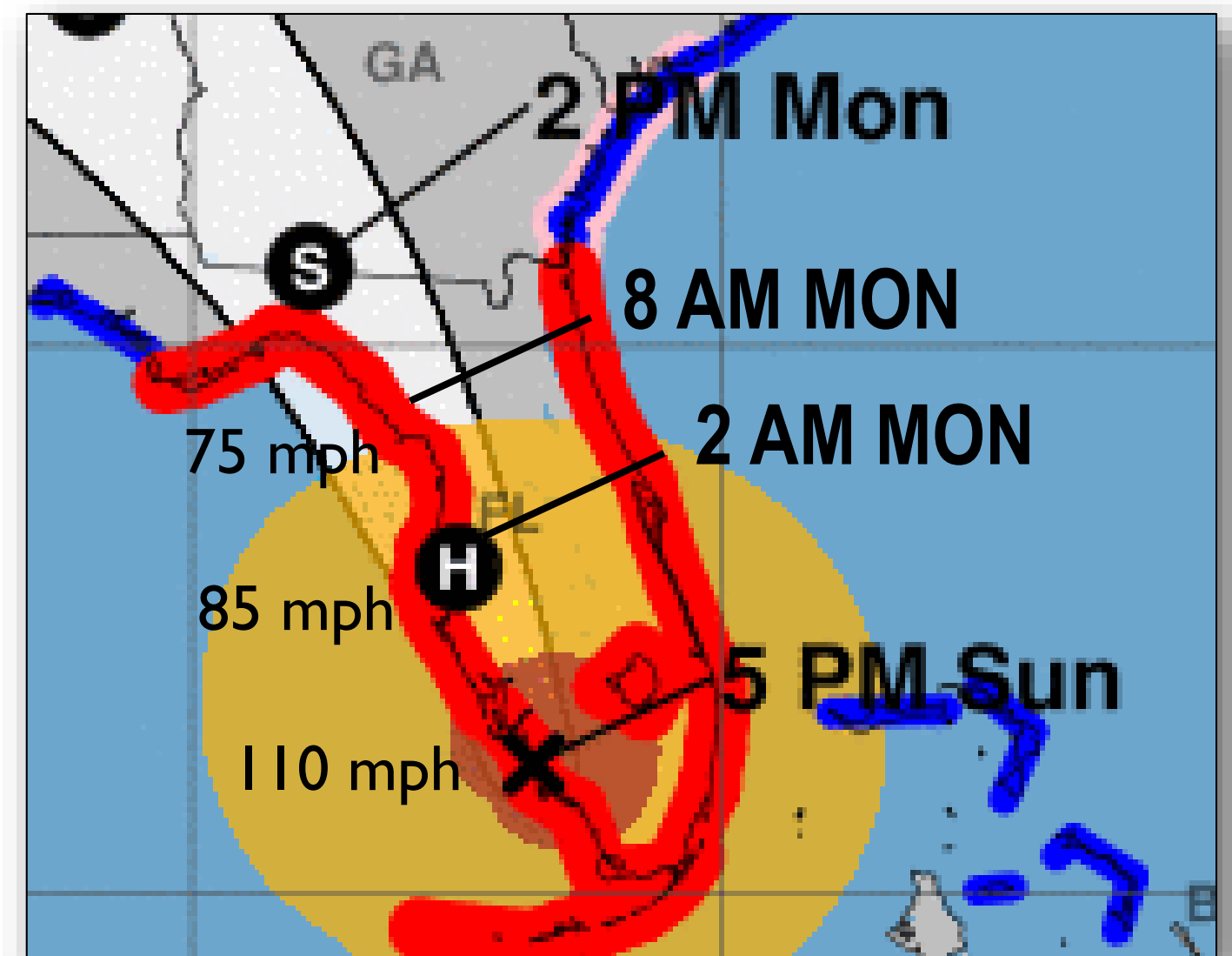
- Lee – 89 mph Fort Myers (will be higher)
- Charlotte - 79 mph Port Charlotte
- Sarasota - 55 mph Ridge Wood Heights
- Manatee - 55 mph Anna Maria
- DeSoto - 39 mph Arcadia
- Hardee - no report
- Highlands - 57 mph Spring Lake
- Polk - 53mph Frostproof
- Hillsborough - 58 mph Tampa
- Pinellas - 60 mph Albert Whitted
- Pasco - 42 mph in Odessa
- Hernando to Levy and Sumter were at 30-40 mph



Most Likely Time of Arrival/End of Tropical Storm Force Winds

- Fort Myers: Ongoing – 3 am Monday
- Punta Gorda: Ongoing – 4 am Monday
- Sarasota: Ongoing – 5 am Monday
- Bradenton: Ongoing – 6 am Monday
- Sebring: Ongoing – 5 am Monday
- St Pete/Tampa: Ongoing – 8 am Monday
- Lakeland: Ongoing – 7 am Monday
- New Port Richey: Now – 9 am Monday
- Brooksville: 8 pm – 11 am Monday
- Crystal River: 10 pm – Noon Monday
- The Villages: 8 pm – Noon Monday
- Chiefland: 10 pm – 1 pm Monday

Hurricane force winds
To be near the eyewall
and last 6 hours



Potential Storm Surge Flooding

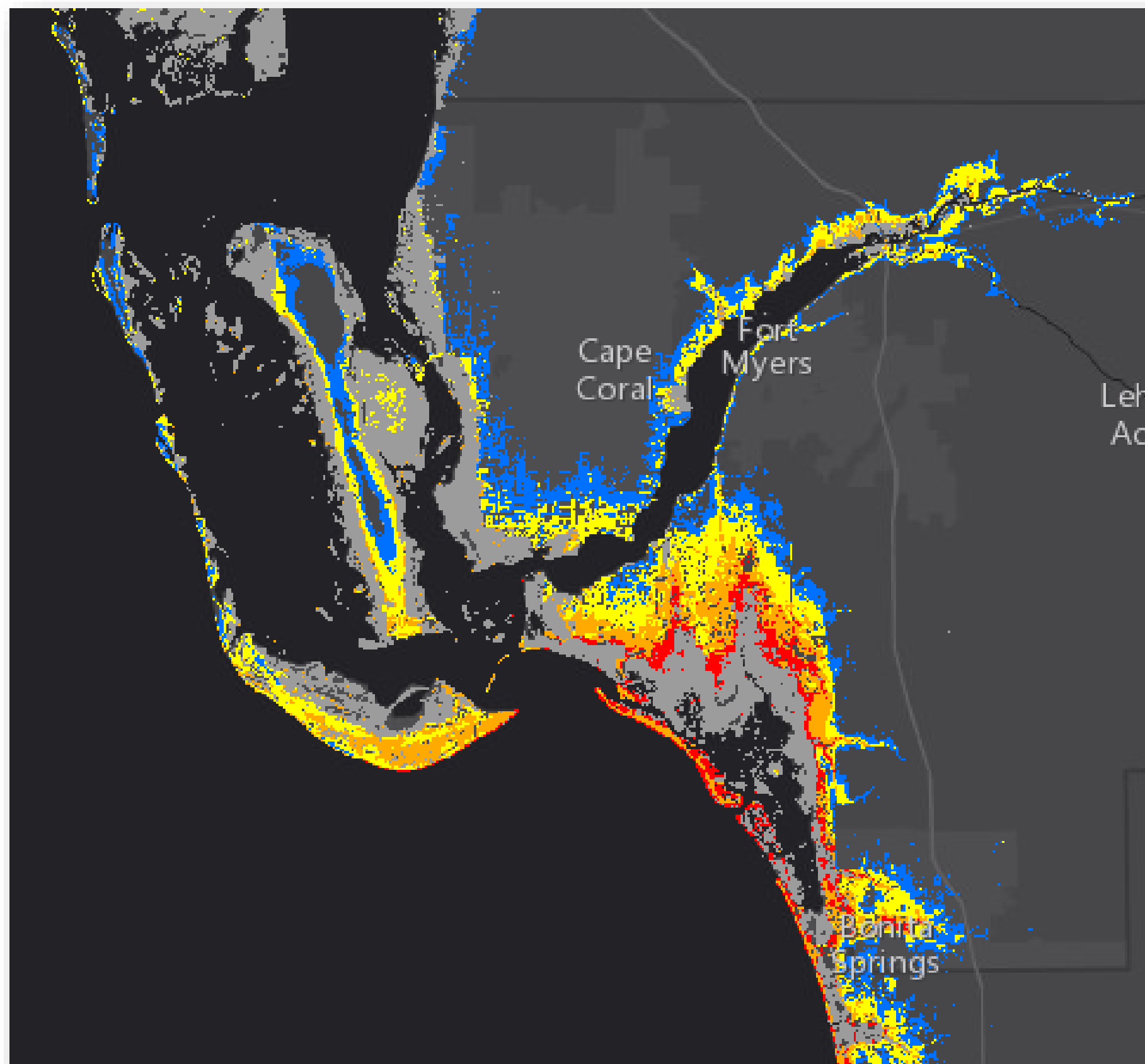


Tampa Bay Area

WEATHER FORECAST OFFICE

Hurricane Irma

Reasonable worst case scenario has dropped to around 10 ft due to eyewall going inland near Naples



- **Color Scale**
 - Red = 9-11 feet AGL
 - Orange = 6-9 feet AGL
 - Yellow = 4-6 feet AGL
- **Timing:** rapid increase as eye wall passes north of your location this evening
- **Worst of surge lasts 4 hours with above normal tides 2 to 3 ft persisting to daybreak**



Potential Storm Surge Flooding

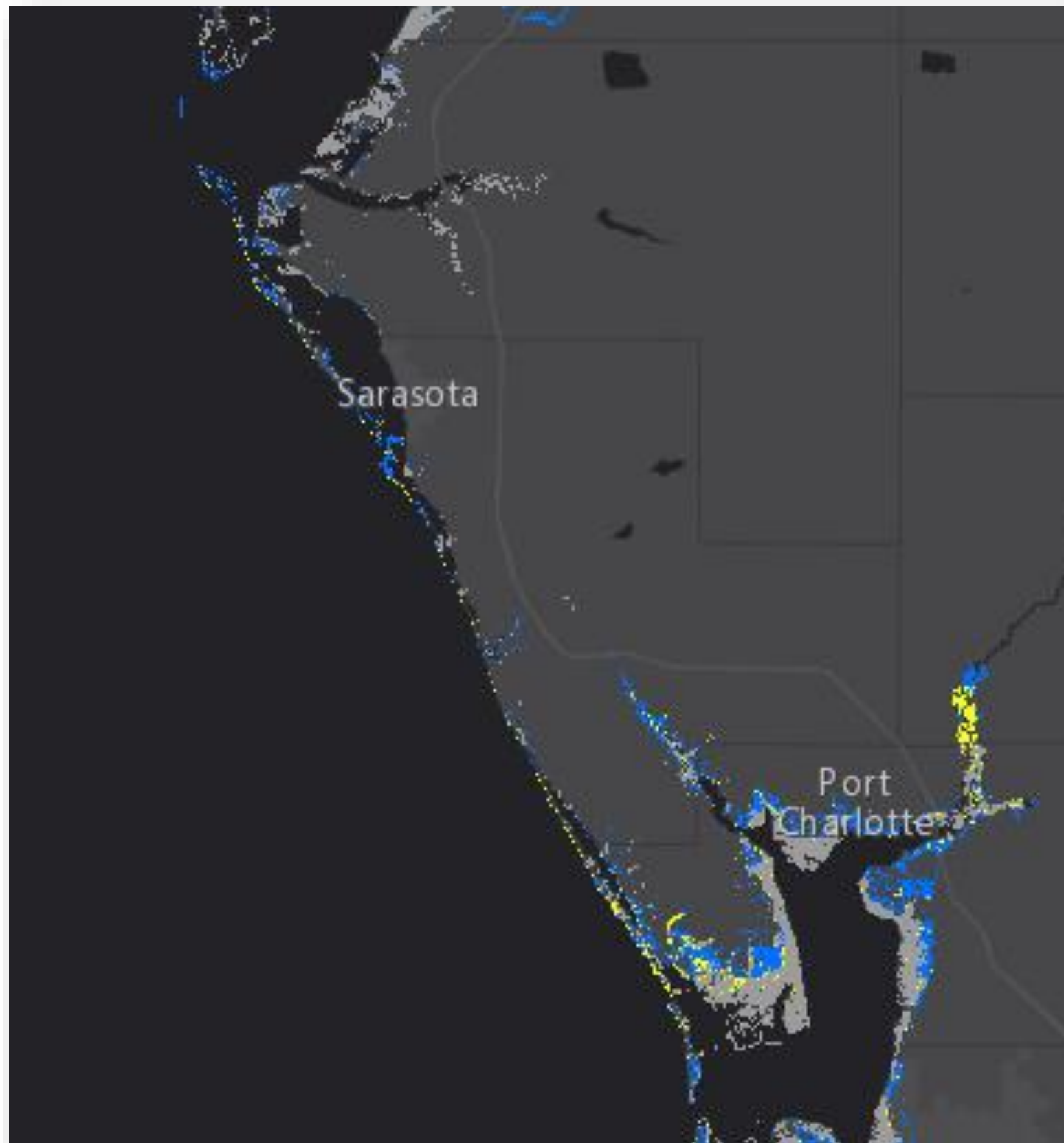


Tampa Bay Area

WEATHER FORECAST OFFICE

Hurricane Irma

Note: *reasonable worst case scenario* has dropped significantly due to eyewall going inland near Naples



- Highest 3-5 ft AGL possible along barrier islands and in Peace River. Most areas 3 ft or less
- Timing: Storm surge inundation could begin around 2 am Monday
- Worst of surge lasts 4 hours with above normal tides 1 to 2 ft persisting to daybreak



Potential Storm Surge Flooding

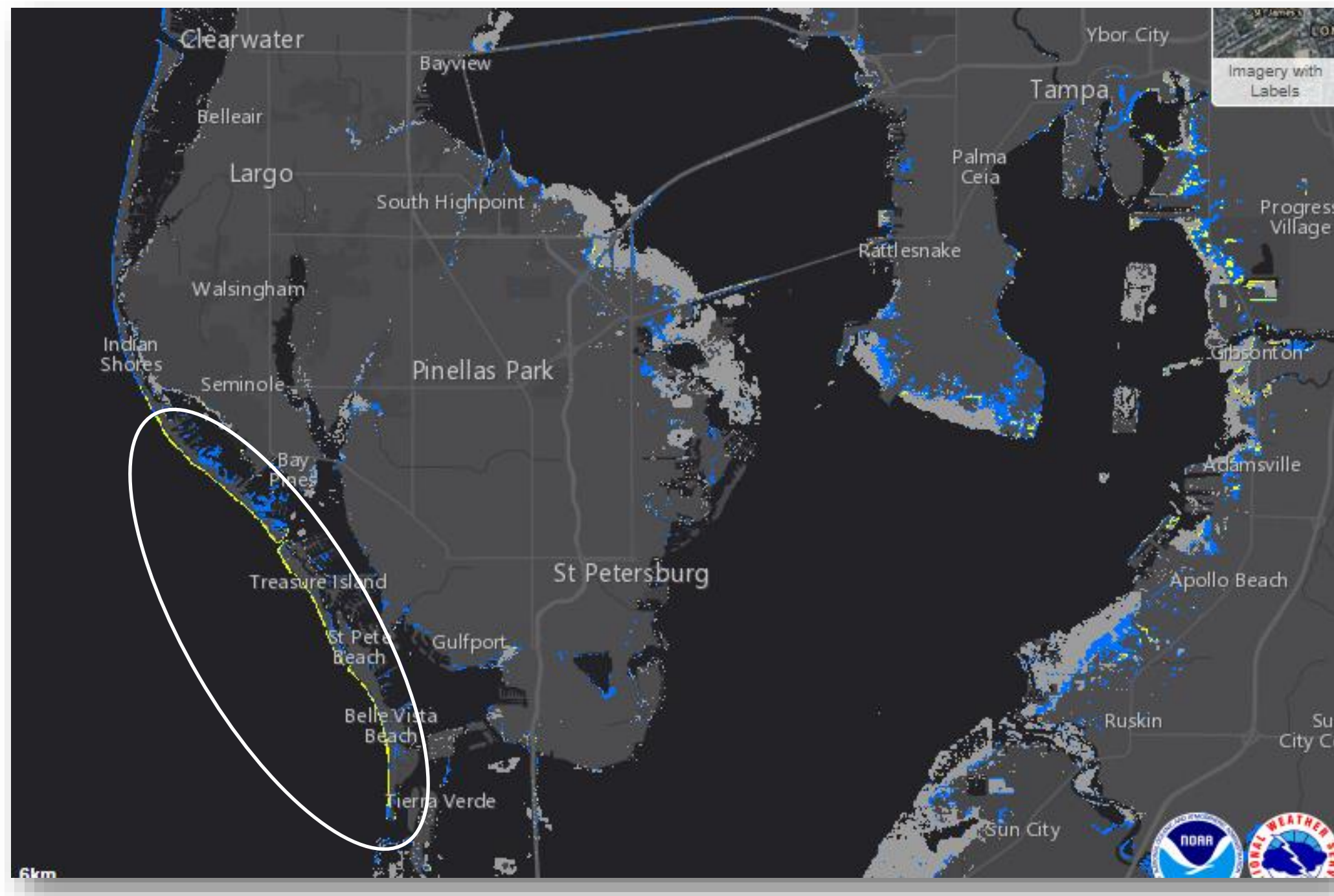


Tampa Bay Area

WEATHER FORECAST OFFICE

Hurricane Irma

Note: *reasonable worst case scenario* has dropped significantly due to eyewall going inland near Naples



- Highest 3-5 ft along southwest Pinellas barrier islands
- Timing: Storm surge inundation could begin around 2 am Monday
- Worst of surge lasts 4 hours with above normal tides 1 to 2 ft persisting to daybreak

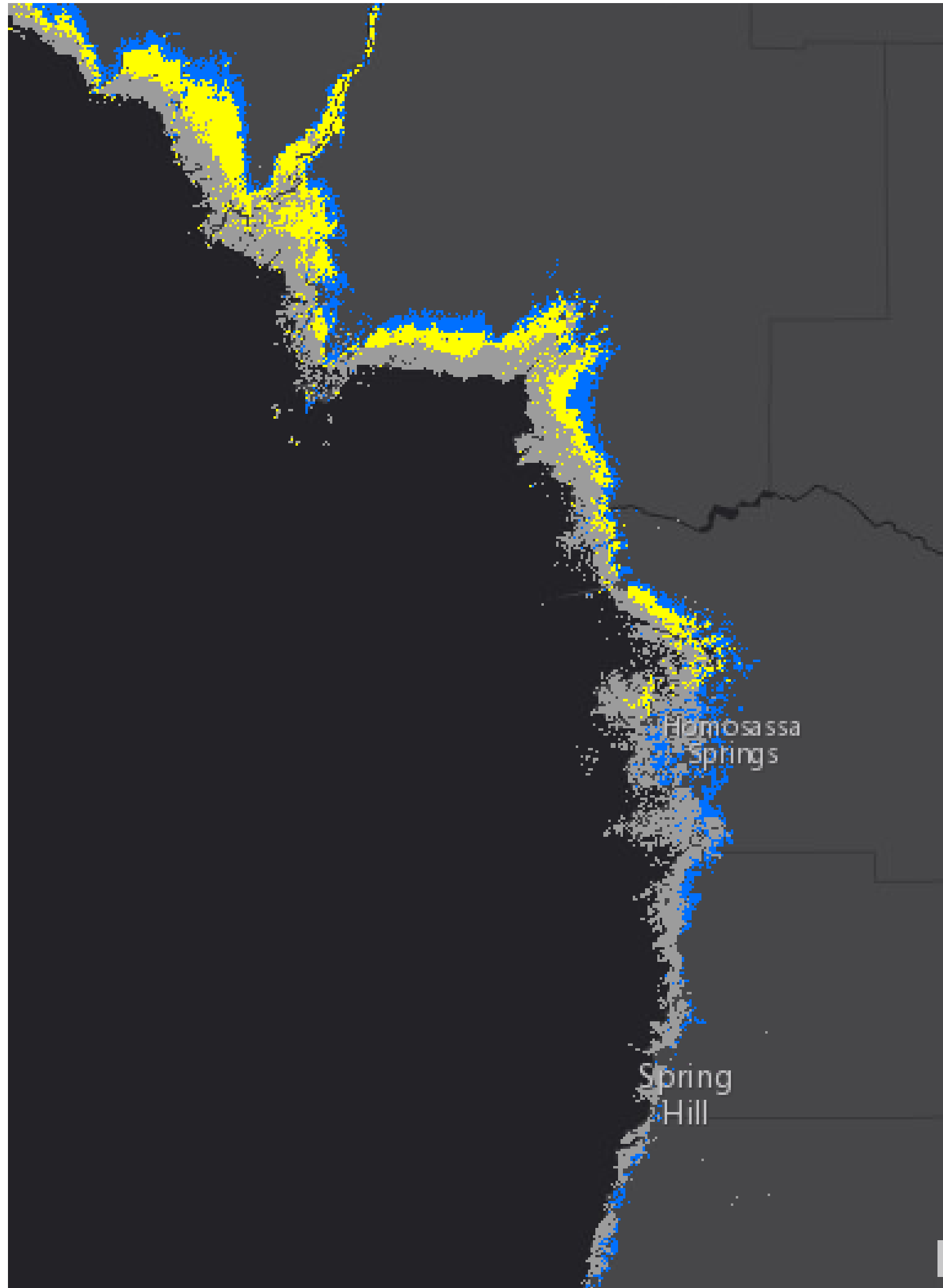
Potential Storm Surge Flooding



Tampa Bay Area

WEATHER FORECAST OFFICE

Hurricane Irma



Note: *reasonable worst case scenario* has dropped significantly due to eyewall going inland near Naples

- Color Scale
 - Yellow = 4-6 feet AGL
 - Blue 1-3 feet AGL
- Timing: Storm surge inundation could begin around 4 am as early as Monday morning
- Expect a 4 hour event



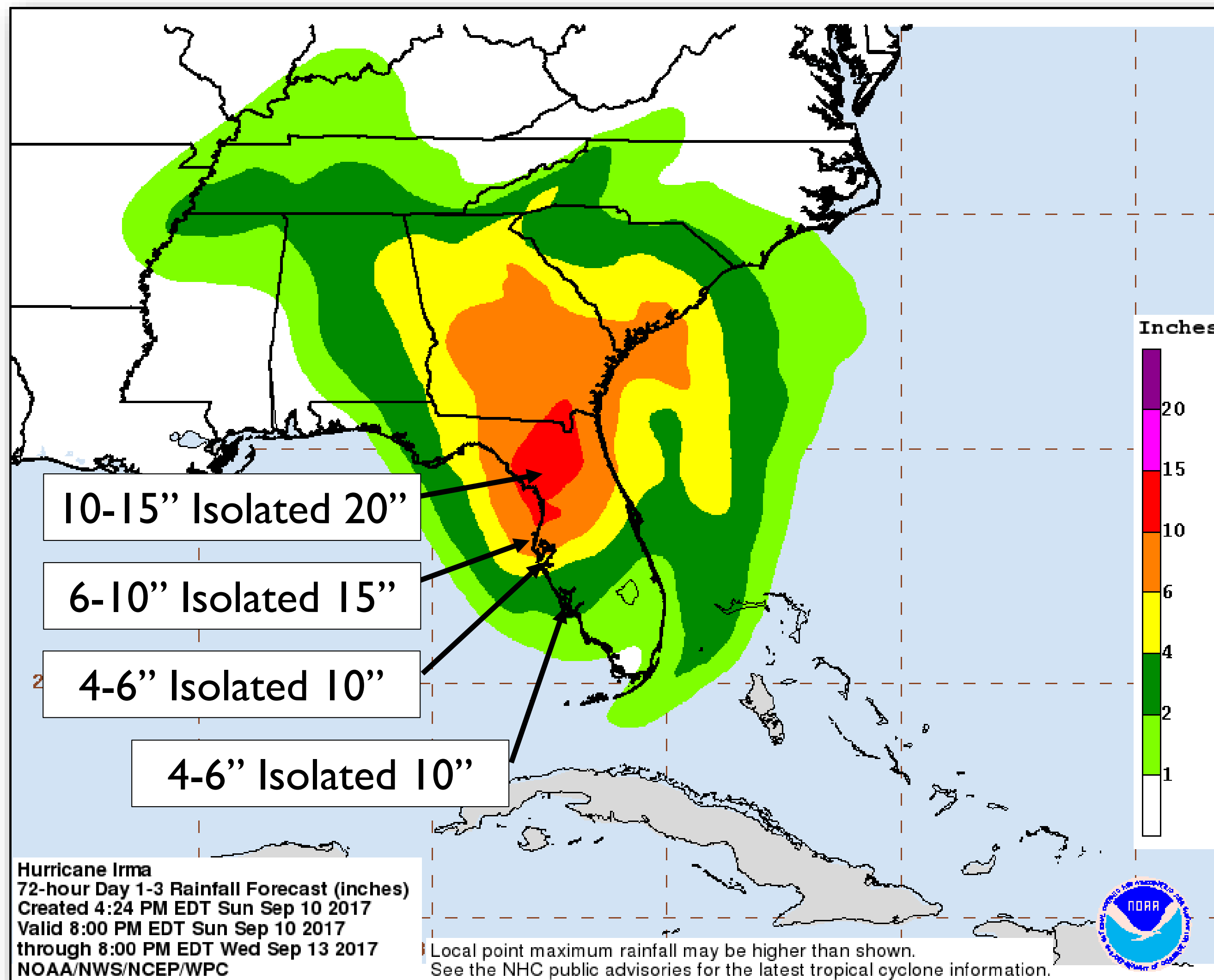
Additional Expected Rainfall



Tampa Bay Area

WEATHER FORECAST OFFICE

Hurricane Irma



Record River Flooding Possible

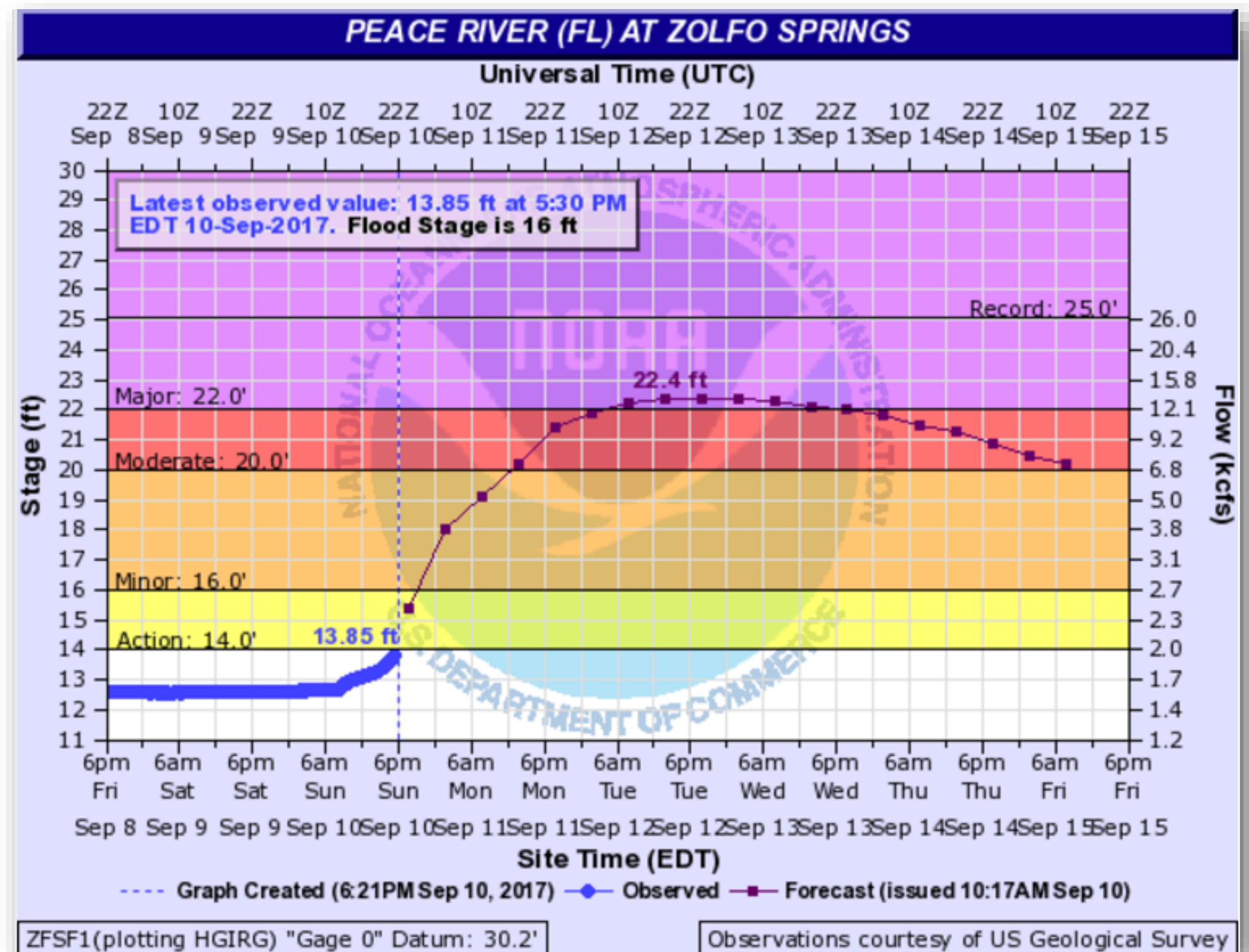
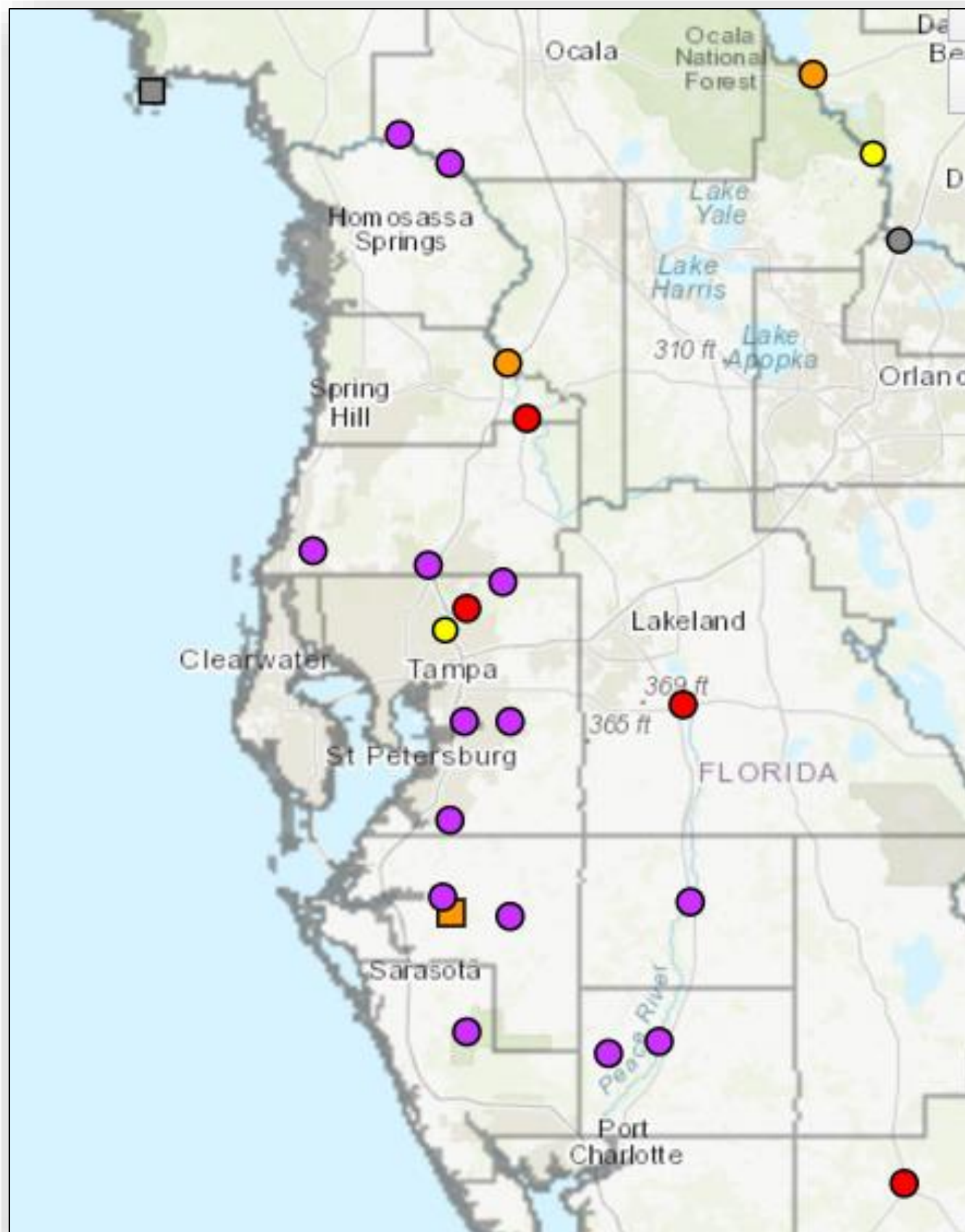


Tampa Bay Area

WEATHER FORECAST OFFICE

Hurricane Irma

Near Record to Record Flooding possible Monday through Wednesday and Flooding continues into the weekend. www.weather.gov/serfc



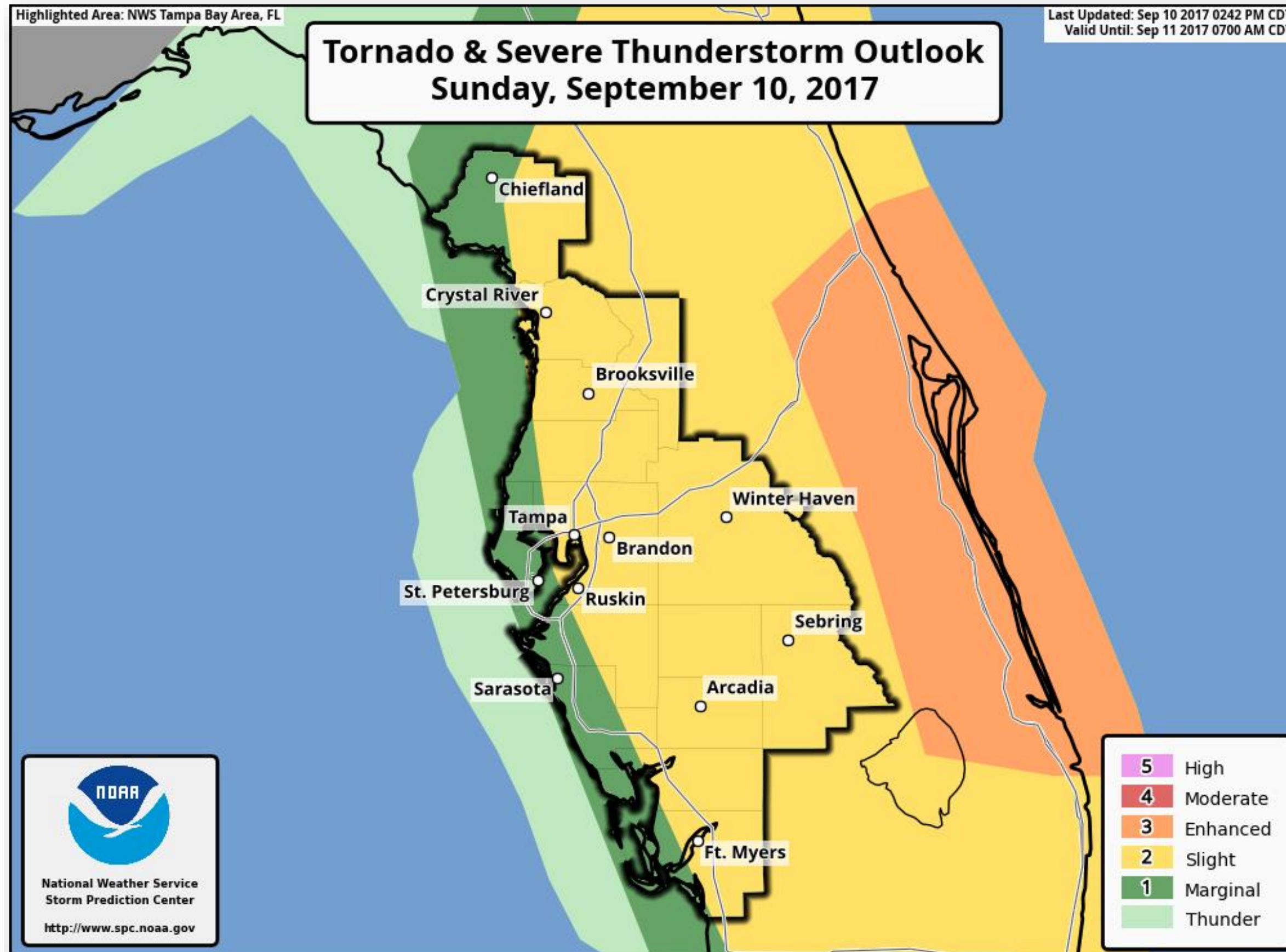
Tornado Potential

Hurricane Irma



Tampa Bay Area

WEATHER FORECAST OFFICE



- Isolated fast moving tornadoes possible
- North of eyewall movement from east to west
- East of eyewall movement from south to north
- Threat diminishes after midnight





- Irma's impacts are spreading north through the Tampa Bay Area with the biggest impact in the Fort Myers area
- Storm surge potential down a category as the eyewall is on land and Irma will weaken
- Record or near record river flooding possible next 3 or 4 days with flooding lasting into the weekend
- Urban flooding likely this evening and Monday





HURRICANE IRMA BRIEFING

*The Next Briefing Will Be:
Monday at 1:00 AM EDT*