



# Strong to Severe T'storms Possible Wednesday, February 15

**NWS WFO Jacksonville, Florida  
Wednesday, February 15, 2017  
9:15 AM EST**



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US National Weather Service Jacksonville



# Strong to Severe T'storms Possible Today



1. There is a threat for strong to severe thunderstorms to impact southeast Georgia and northeast Florida Today.
2. The Storm Prediction Center (SPC) has included southeast Georgia and extreme northeast Florida in a Slight Risk for severe thunderstorm development, with **damaging wind gusts, hail, and isolated tornadoes** possible. The remainder of our area remains in a marginal risk of severe thunderstorm development.
3. A broken line of thunderstorms will impact inland southeast Georgia and the Suwannee Valley this morning, progressing rapidly eastward into coastal southeast Georgia and northeast Florida during the early to mid afternoon hours. Embedded supercell thunderstorms will be possible given very strong wind shear in place and moderate atmospheric instability.





# Limiting Factors



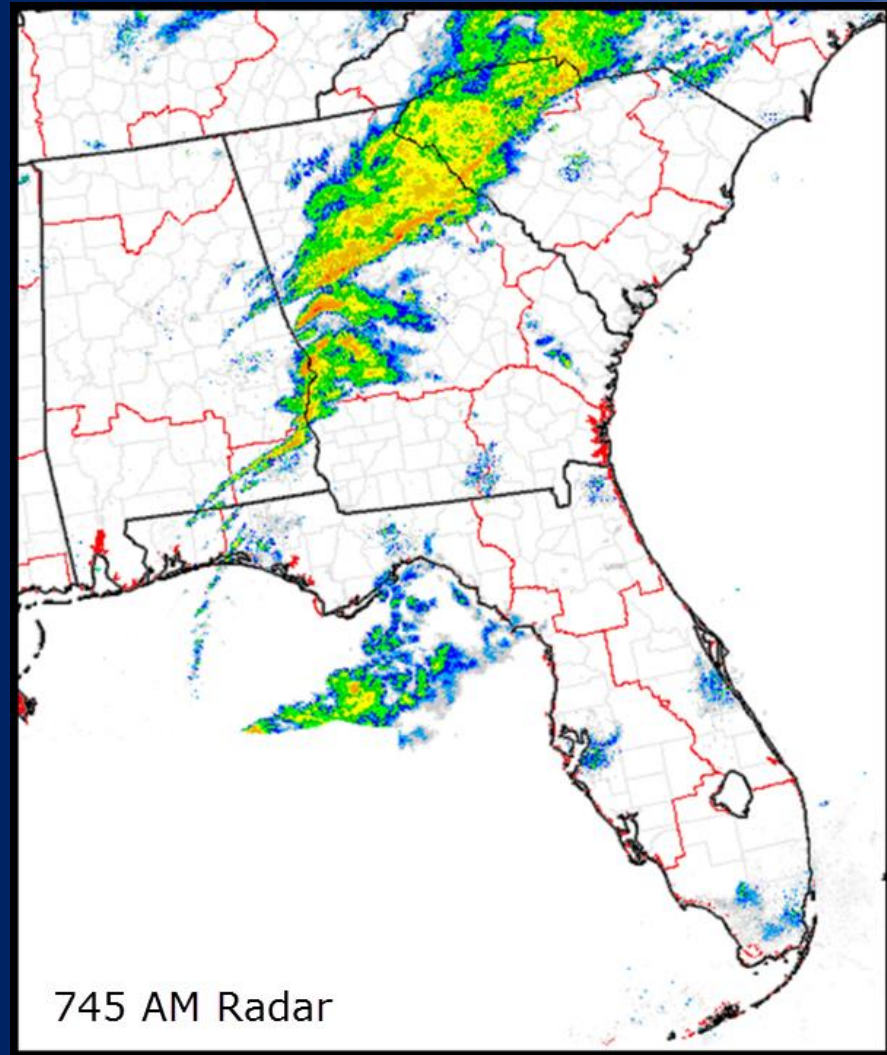
- The best significant forcing is north of the Altamaha River, however best moisture and instability will reside over our southern tier counties.
- The line of storms will be broken, with a handful of t-storms becoming strong to severe. Won't be widespread event.
- There is extreme dry air between 5-15 kft.
- Confidence is low at this time due limited moisture and instability.
- However, the handful of strong to severe storms that do develop have a chance produce wind gusts of 40 to 60 mph. This is the main threat. A tornado or hailer can not be ruled out.



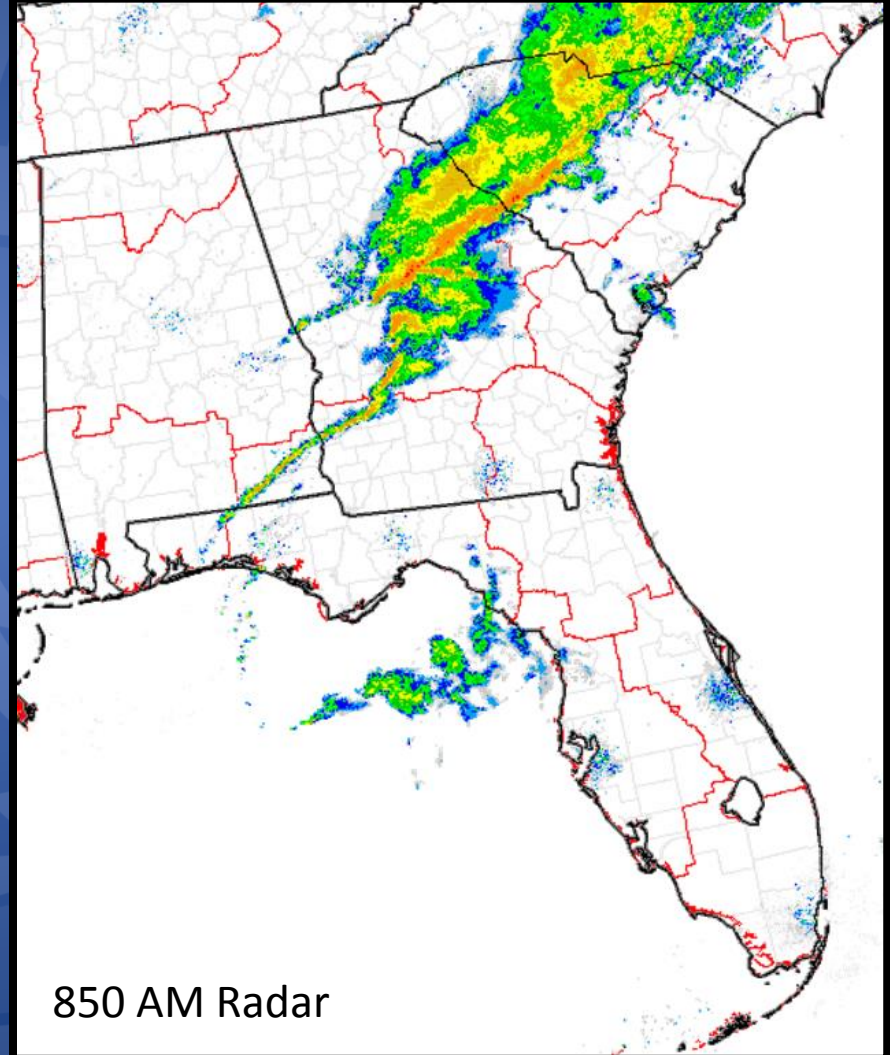




# Radar Trends



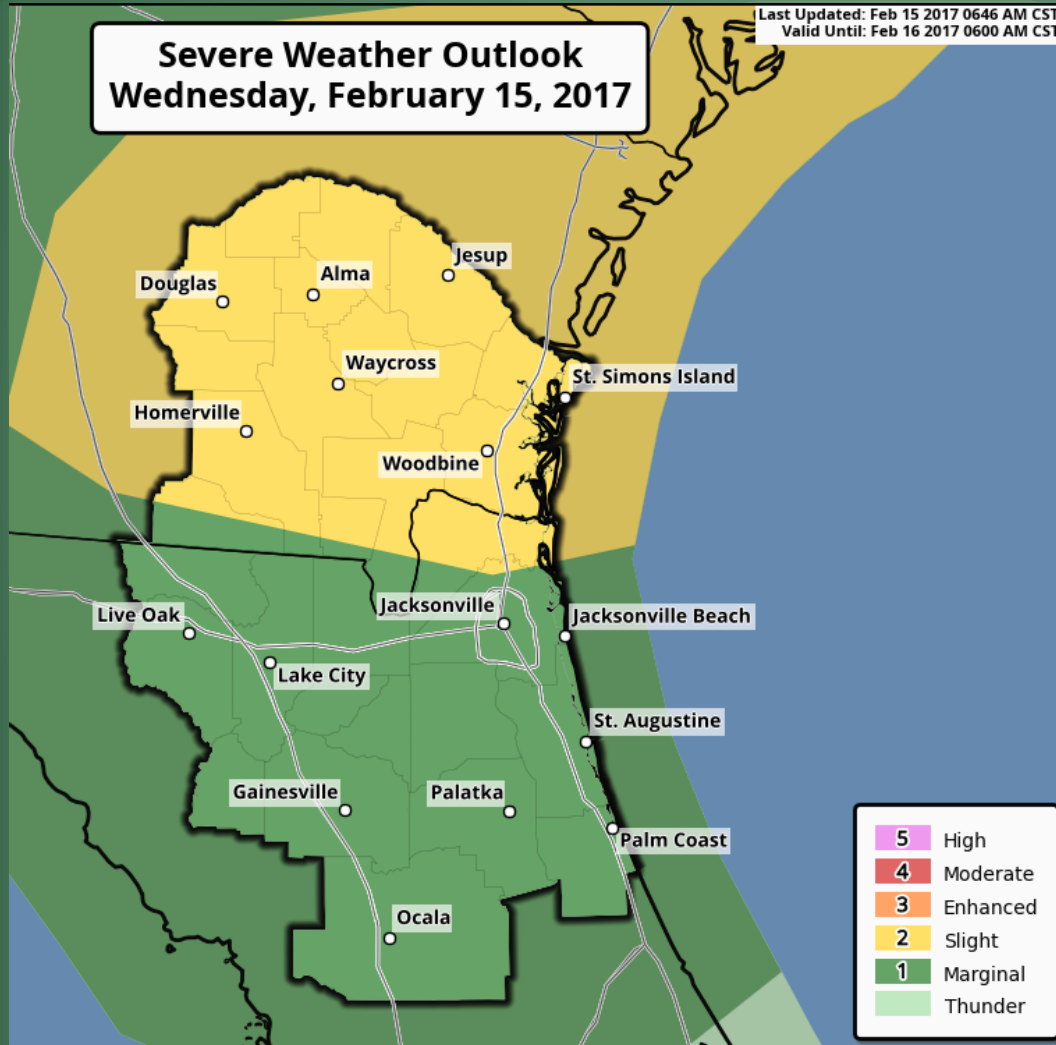
745 AM Radar



850 AM Radar



# Storm Prediction Center Outlook Today



**1 - MARGINAL (MRGL)**

Isolated severe thunderstorms possible

Limited in duration and/or coverage and/or intensity

**2 - SLIGHT (SLGT)**

Scattered severe storms possible

Short-lived and/or not widespread, isolated intense storms possible



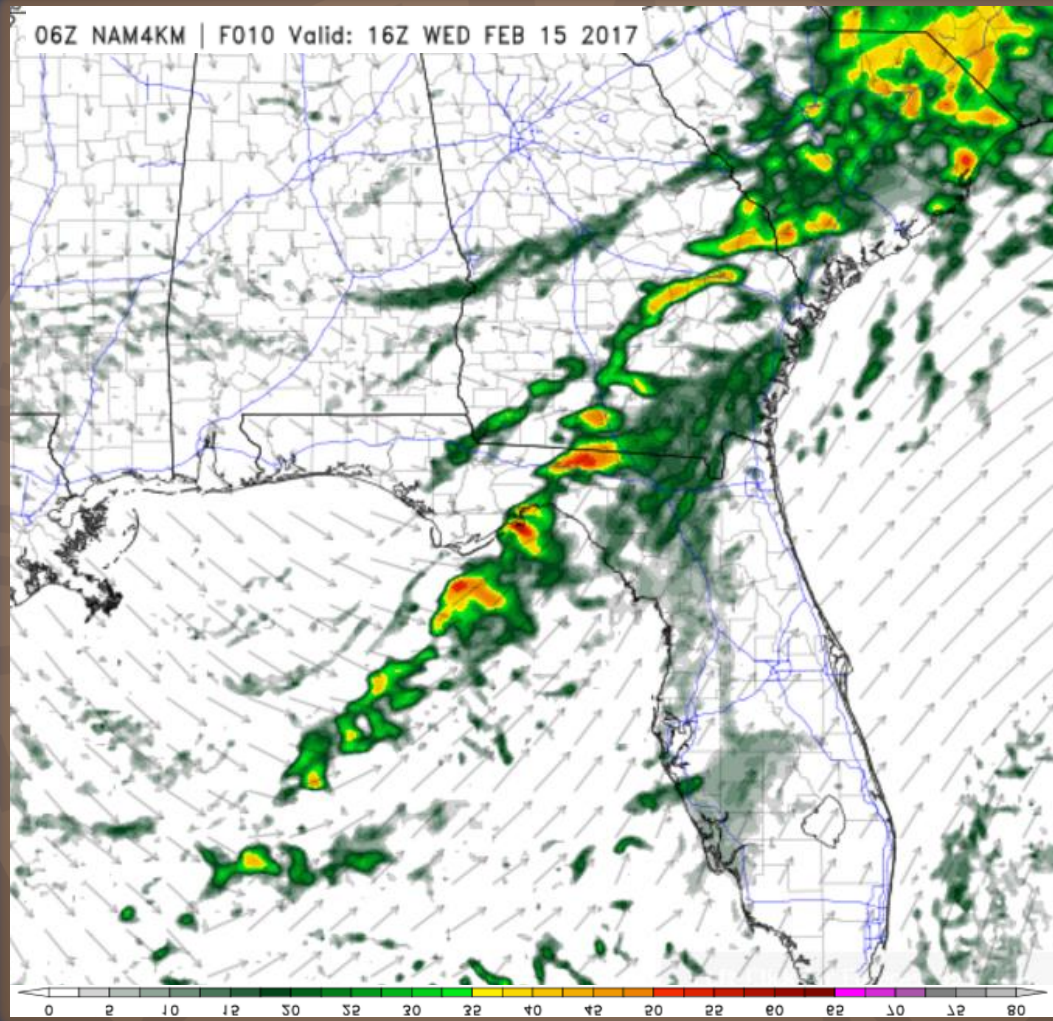
- Winds 40-60 mph
- Hail up to 1"
- Low tornado risk

- One or two tornadoes
- Reports of strong winds/wind damage
- Hail ~1", isolated 2"



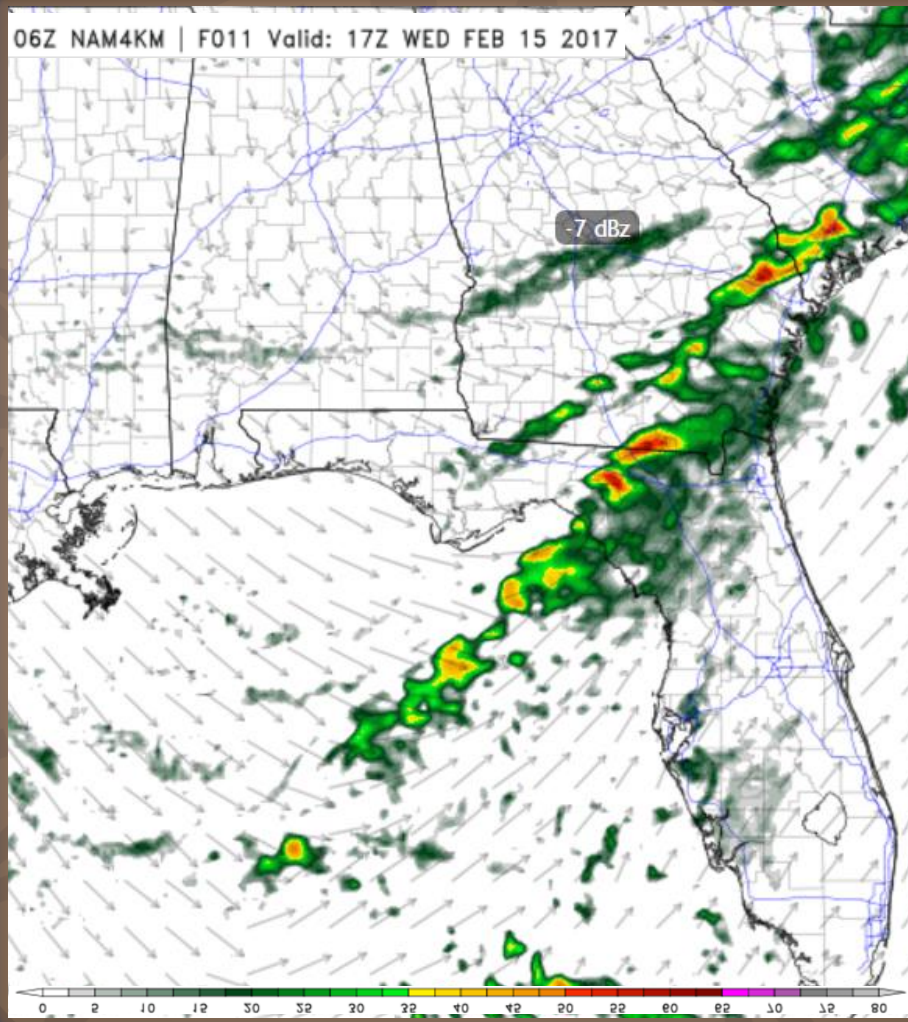


# Simulated Radar Reflectivity 11 AM This Morning





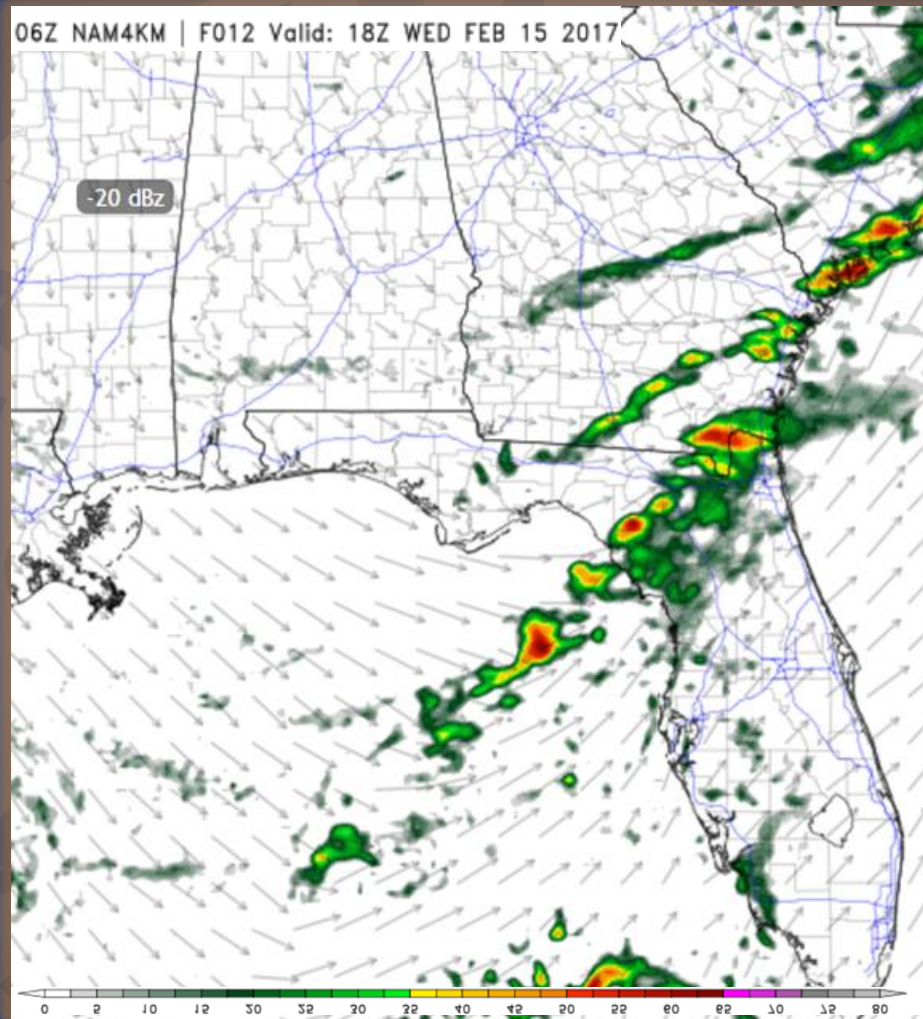
# Simulated Radar Reflectivity Noon Today







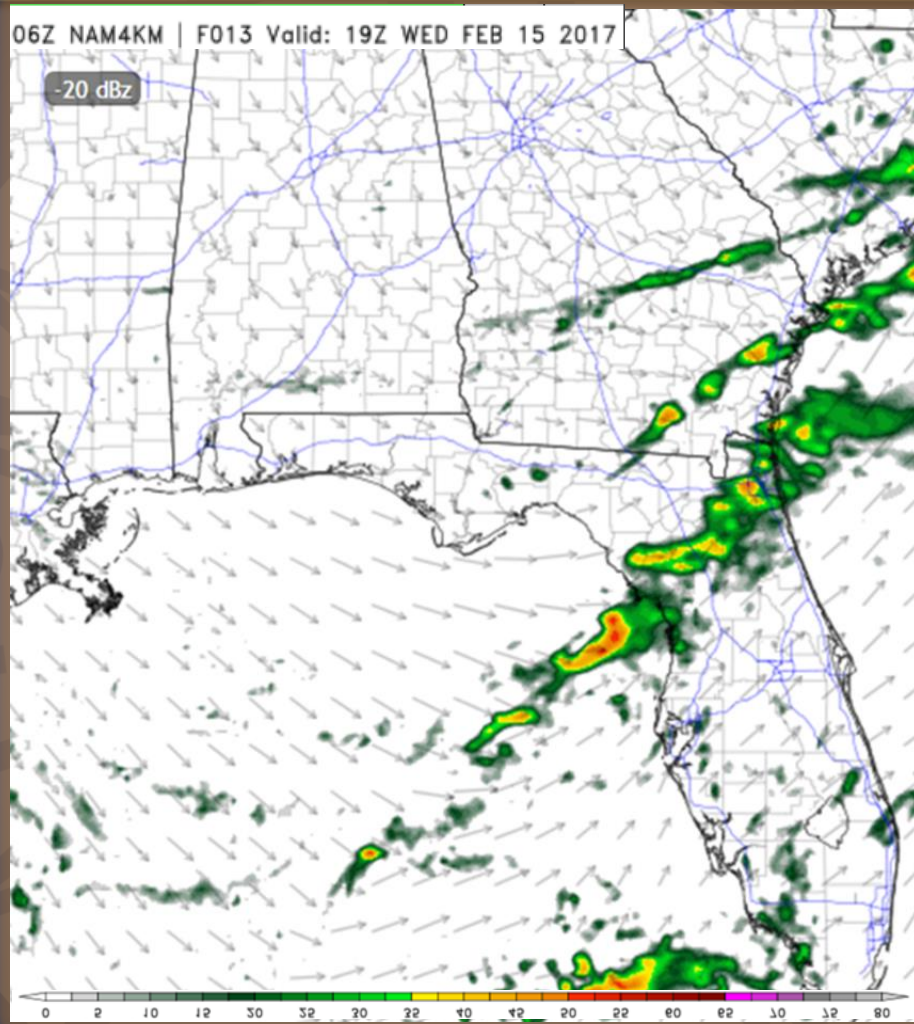
# Simulated Radar Reflectivity 1 PM This Afternoon





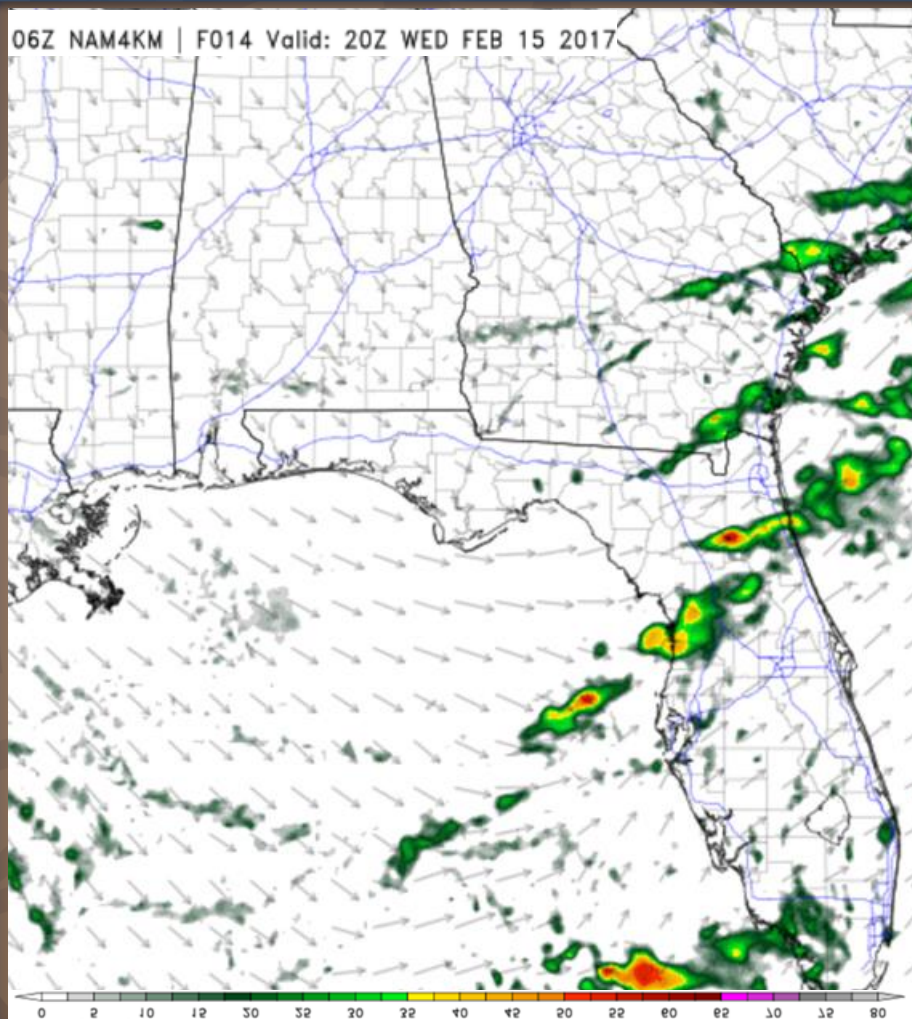


# Simulated Radar Reflectivity 2 PM This Afternoon





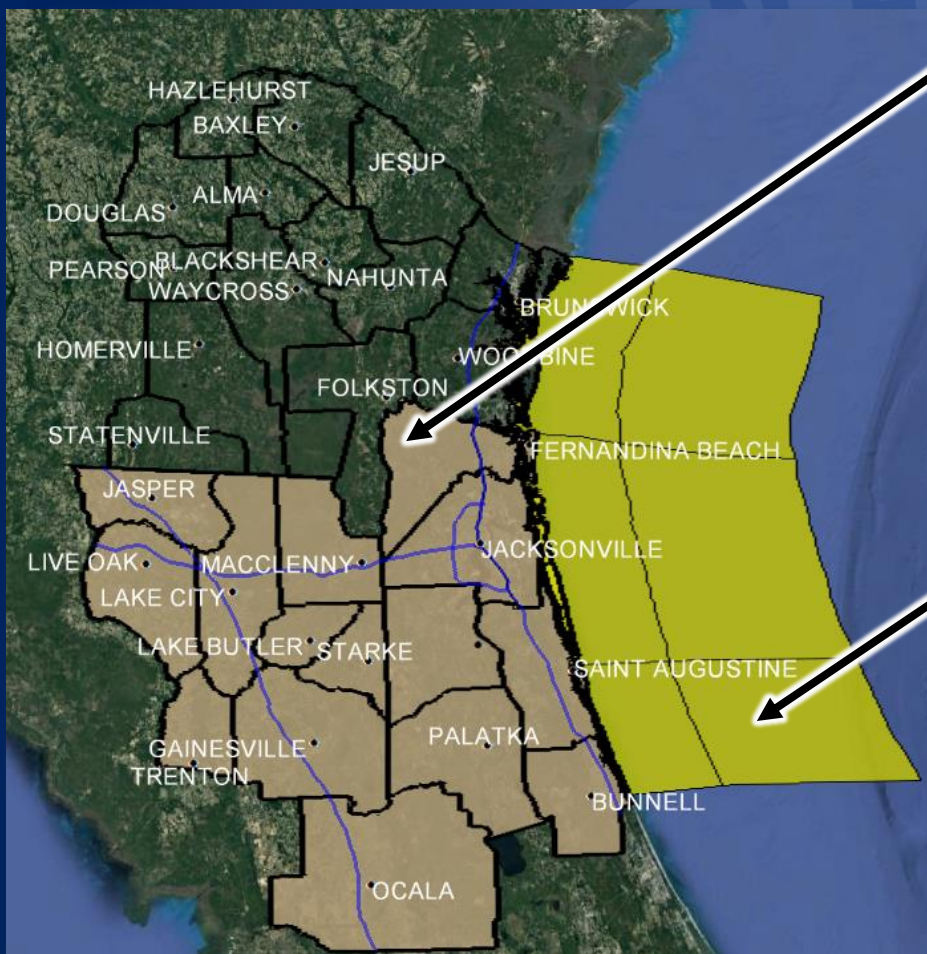
# Simulated Radar Reflectivity 3 PM This Afternoon







# Other Hazards in our Area



## Wind Advisory

- Noon-6 PM for northeast FL
- Winds: Southwest 20-30 mph gusting 35-40 mph.

## Small Craft Advisory

- Begins at 7 AM this morning
- Continues through 11 PM for nearshore waters and through early Thursday morning for the offshore waters.





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# Collaboration



**Monitor NWS Jacksonville and local media outlets for changes and trends.**

- Please share this briefing information with other government decision-makers and partners.
- If you require any additional updates or have any specific questions, please contact NWS Jacksonville 24/7 and speak with a forecaster.

# Maintain Situational Awareness!



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PEOPLE

6,774 likes  
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Dave Shuler, Jason Hess and 10 other friends like this or have been here.

What have you been up to?

US National Weather Service Jacksonville Florida shared a link.  
Posted by Hootsuite [?] 2 hours ago [ ]

Latest NWS JAX Blog Update on heavy rain and severe wx potential late Tuesday and Wednesday. <http://go.usa.gov/MdS4> #jaxwx #jaxwx #flwx

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