

SITUATIONAL AWARENESS

SUBJECT: Severe Weather Possible Thursday AM
SITREP #: 2020-2.1
ISSUED: Wednesday, February 5, 2020 at 3PM

OVERVIEW

A deep upper level trough will push into the eastern half of the country overnight setting the stage for severe weather on Thursday. At the surface, we can expect a relatively strong cold front to impact the region tomorrow morning. We expect storms to develop along a squall line ahead of this front producing heavy rain, strong winds and possibly tornadoes [see figure 2, below]. Timing for our region should be between 9AM and 12PM. Rain may be heavy at times and may exceed 2 inches for the event. The Storm Prediction Center just expanded the Slight Risk area [see figure 1, below] to include the Metro Atlanta region, with a large area of Enhanced Risk to our south and east. In addition to the severe weather threat on Thursday, we may have some wrap around precipitation Friday morning in the form of light snow showers and flurries [see figure 3, below]. Expect much colder temperatures (mid 30s) Friday morning with breezy conditions. **However, we do not expect any impacts to roadways or travel on Friday.**

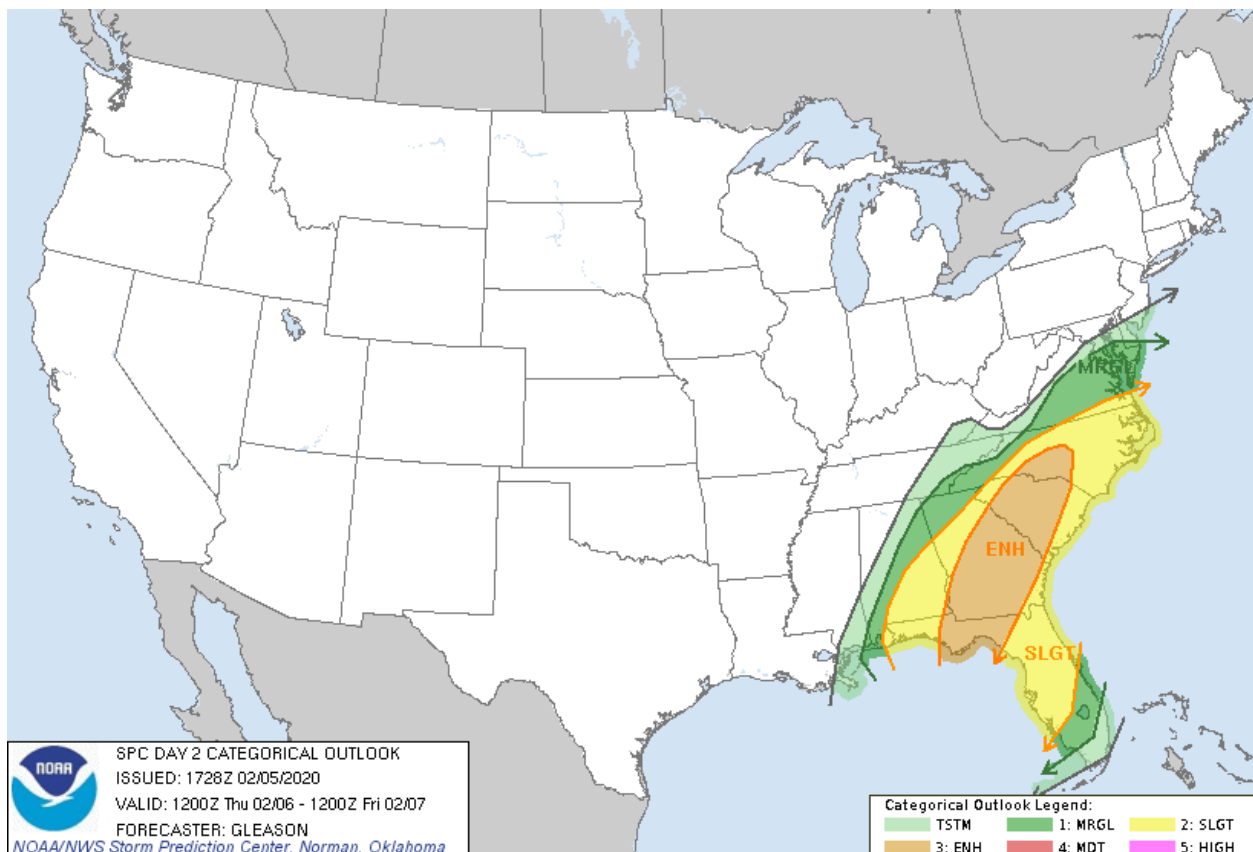


Figure 1: Day 2 Convective Outlook (SPC)

PRIMARY HAZARDS

The primary hazards will be from straight-line winds >60 mph and isolated tornadoes.

TIMING

Thursday 9 AM – 12 Noon

NEXT STEPS

- The Georgia Tech Police Department Office of Emergency Management will continue to monitor the situation and provide updates as necessary.
- Follow the GT Office of Emergency Management on twitter [@gtpdalerts](https://twitter.com/gtpdalerts).
- For the latest forecast information, please visit the National Weather Service at <http://weather.gov/atlanta> and the Storm Prediction Center at <http://spc.noaa.gov>.

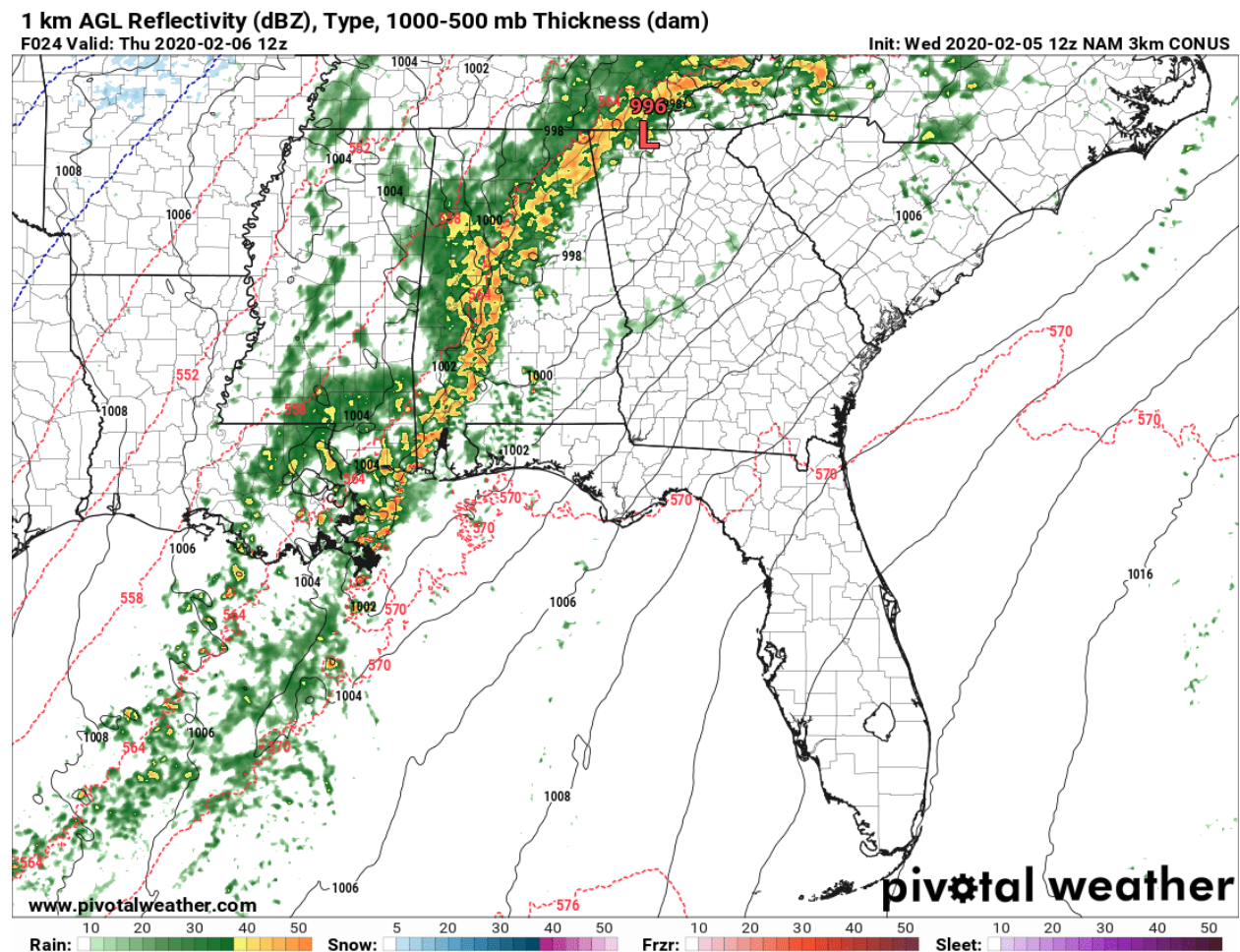


Figure 2: Simulated Radar at 7AM on Thursday, Feb. 6th (12Z 20200205 NAM 3K)

1 km AGL Reflectivity (dBZ), Type, 1000-500 mb Thickness (dam)
F048 Valid: Fri 2020-02-07 12z

Init: Wed 2020-02-05 12z NAM 3km CONUS

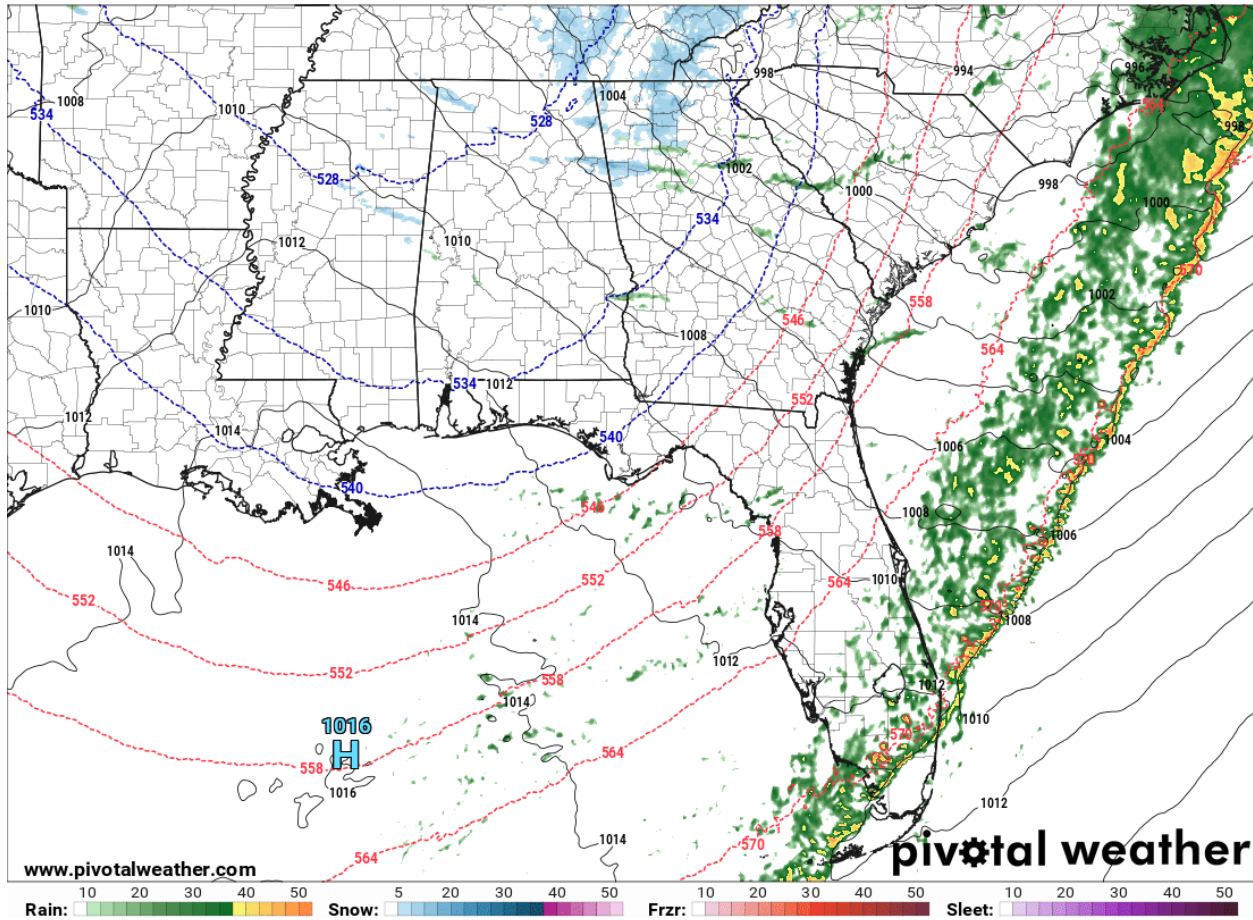


Figure 3: Simulated Radar at 7AM on Friday, Feb. 7th (12Z 20200205 NAM 3K)