

## SITUATIONAL AWARENESS

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**SUBJECT:** Hurricane Zeta  
**SITREP #:** 2020-8.2  
**ISSUED:** Wednesday, October 28, 2020 at 9:00 AM

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### WHAT HAS CHANGED

- Tropical Storm Watch Issued by NWS
- Wind forecast is higher (gusts up to 50 mph, sustained winds 25-35 mph)
- Tornado threat is lower
- Timing is slightly sooner (Impact between 5AM-9AM)

### OVERVIEW

The remnants of Hurricane Zeta will impact the metro Atlanta region Thursday morning with heavy rain, high winds and isolated tornadoes. Hurricane Zeta should make landfall along the SE Louisiana coast late Wednesday and track generally to the NNE through Mississippi and Alabama. The National Weather Service (NWS) has issued a Tropical Storm Watch and a Flash Flood Watch for much of North Georgia, including Fulton County. For our region, the biggest threats will be from high winds and flash flooding; tornadoes are less likely.

### WIND

Wind gusts Thursday morning may peak between 35-50 mph, with sustained winds between 25-35 mph. This will likely lead to quite a few trees down and power outages in the metro Atlanta region, especially with the recent rains/saturated ground. Typically, we see minimal impacts to our campus electrical grid (mostly underground) from this level of wind. **However, for those who are teaching, learning and working remotely, you may experience some power loss Thursday morning in the metro region.** Residents in Midtown, Home Park and in Greek housing are more vulnerable to power interruptions since they are not on the campus grid.

### FLOODING

Rainfall totals should be between 2-4", especially as Zeta should continue moving quickly to the NNE. Because of recent excessive rainfall, many creeks and streams across North Georgia are already near capacity. An addition 2-4" in a short period may cause flash flooding, especially in flood prone areas. On campus, the flooding threat is low, with the exception of some urban street flooding.

### TIMING

The main threat will be Thursday AM (5AM – 9AM).

### 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 [@gtपालerts](https://twitter.com/gtपालerts).
- For the latest forecast information, please visit the National Weather Service at <http://weather.gov/atlanta>.

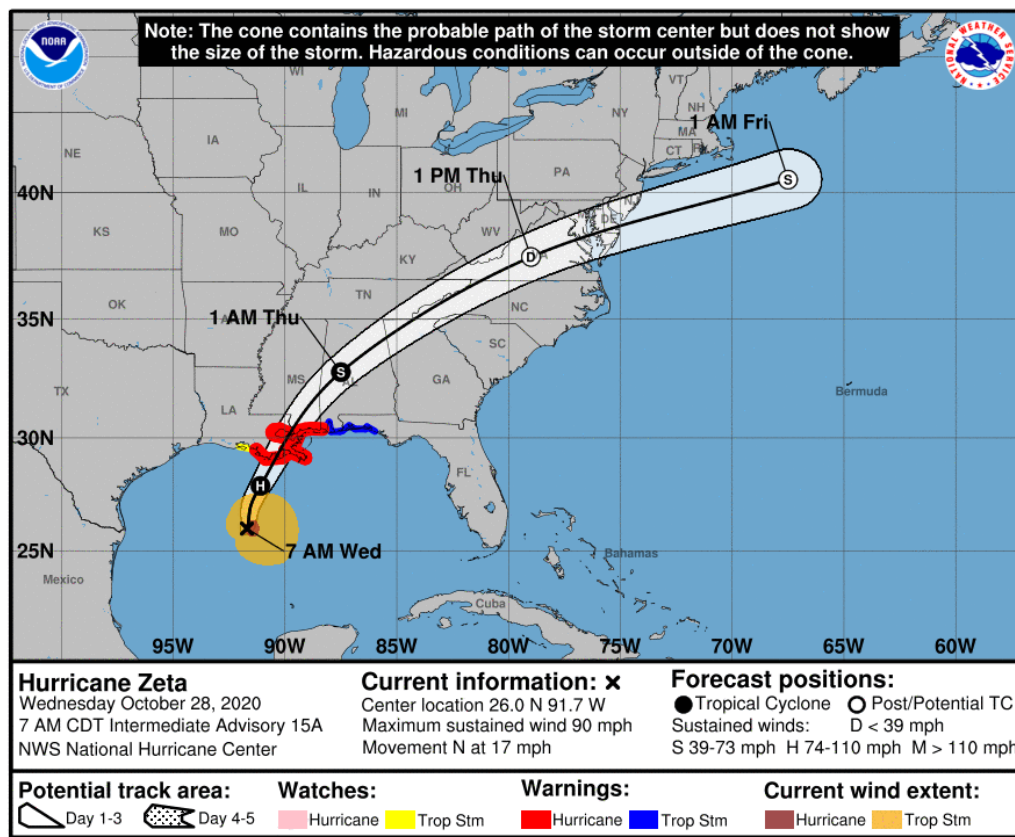


Figure 1: Hurricane Sally 3-day forecast (NHC)

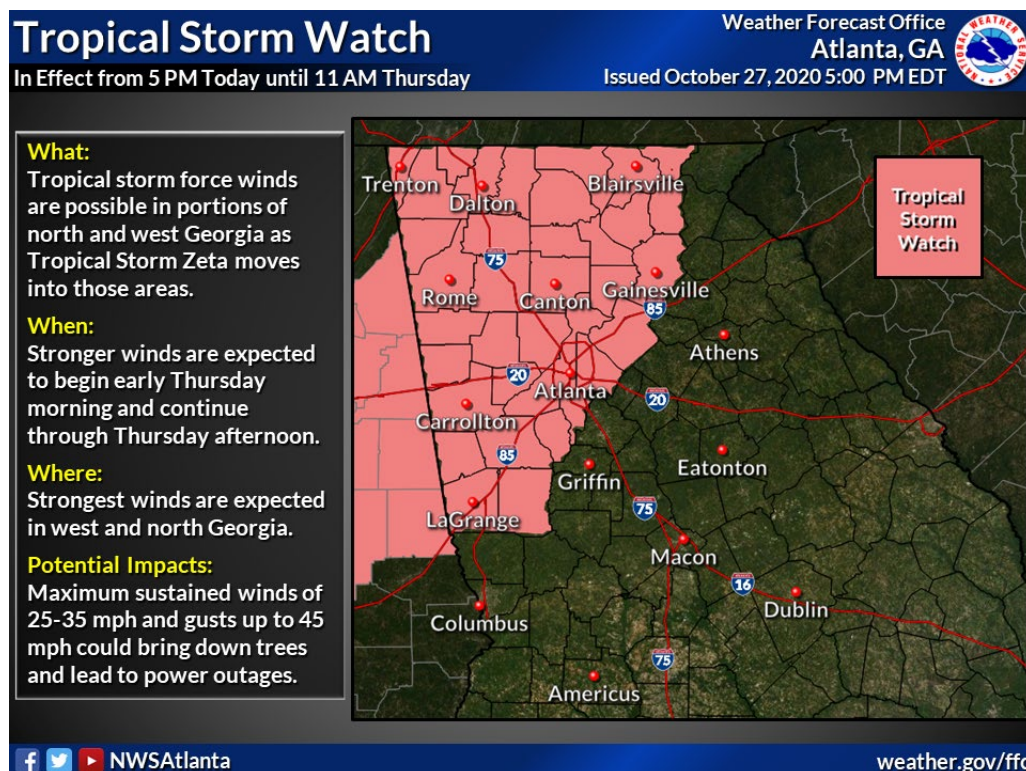


Figure 2: Tropical Storm Watch (NWS Atlanta)



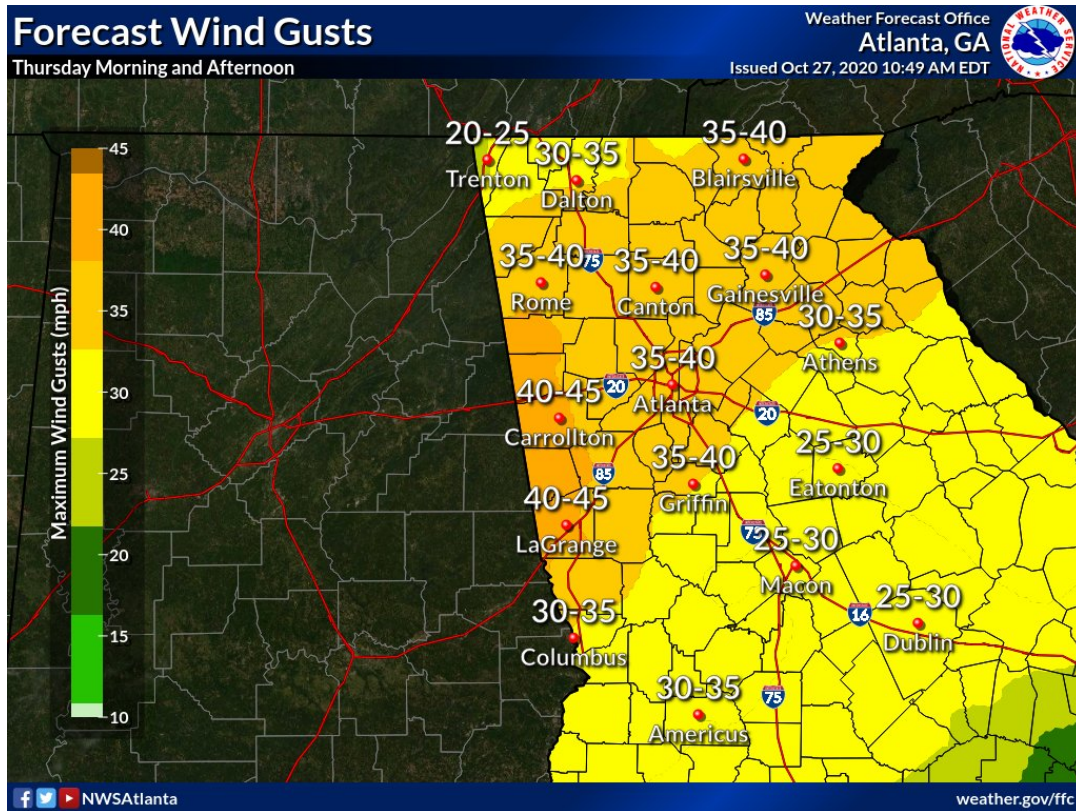


Figure 3: Forecast Wind Gusts (NWS Atlanta)

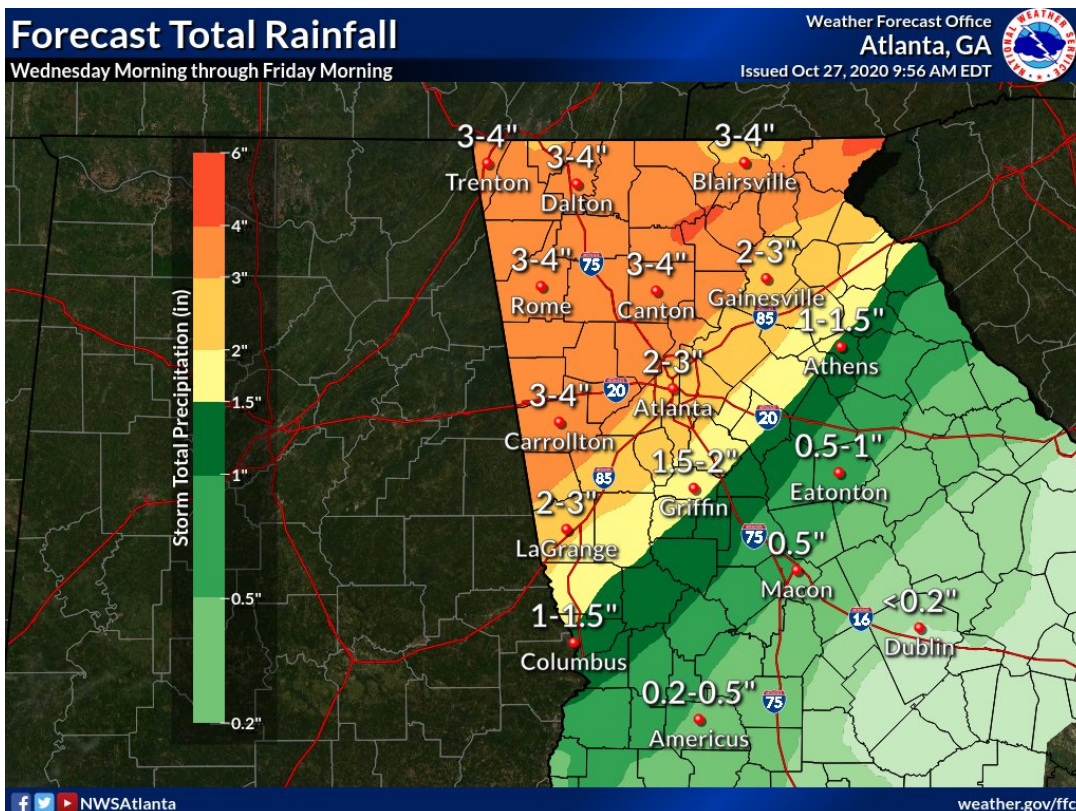


Figure 4: Forecast Rainfall Totals (NWS Atlanta)



MSLP (mb) and 10 m AGL Wind (kt)  
F027 Valid: Thu 2020-10-29 09z

Init: Wed 2020-10-28 06z NAM 3km CONUS

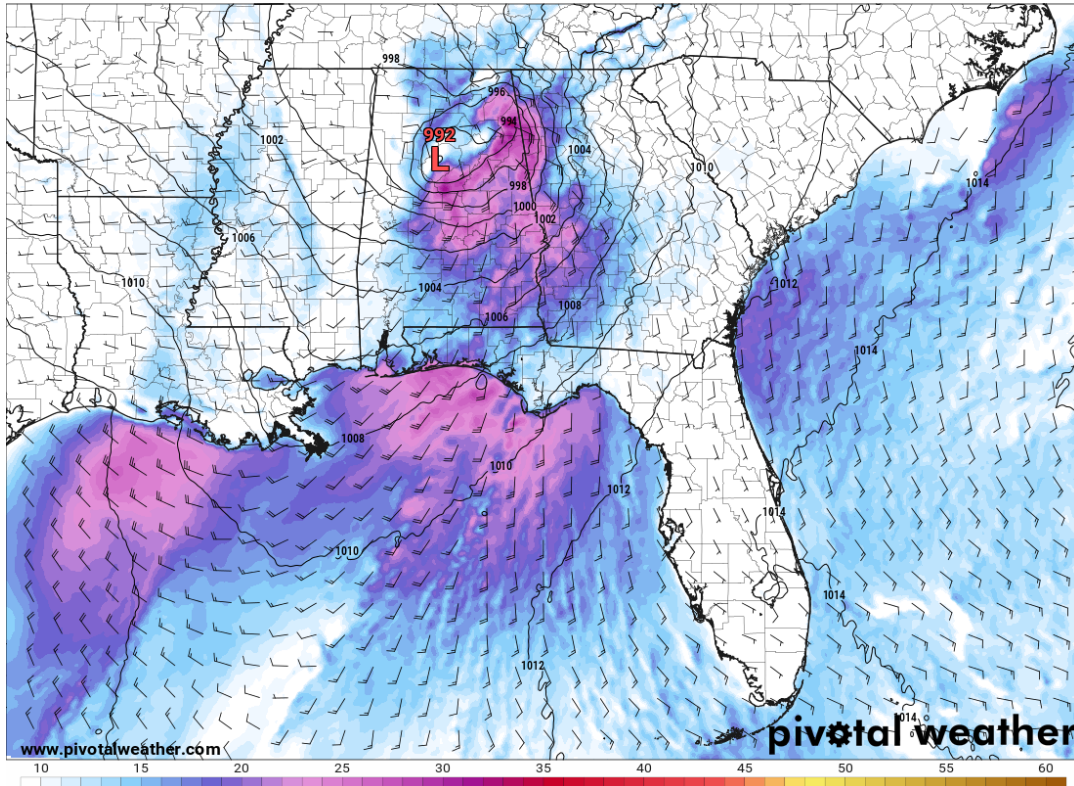


Figure 5: NAM 3km 20201028 06Z, MSLP & 10m Wind at 09Z Thursday (5AM)

1 km AGL Reflectivity (dBZ), Type, 1000-500 mb Thickness (dam)  
F027 Valid: Thu 2020-10-29 09z

Init: Wed 2020-10-28 06z NAM 3km CONUS

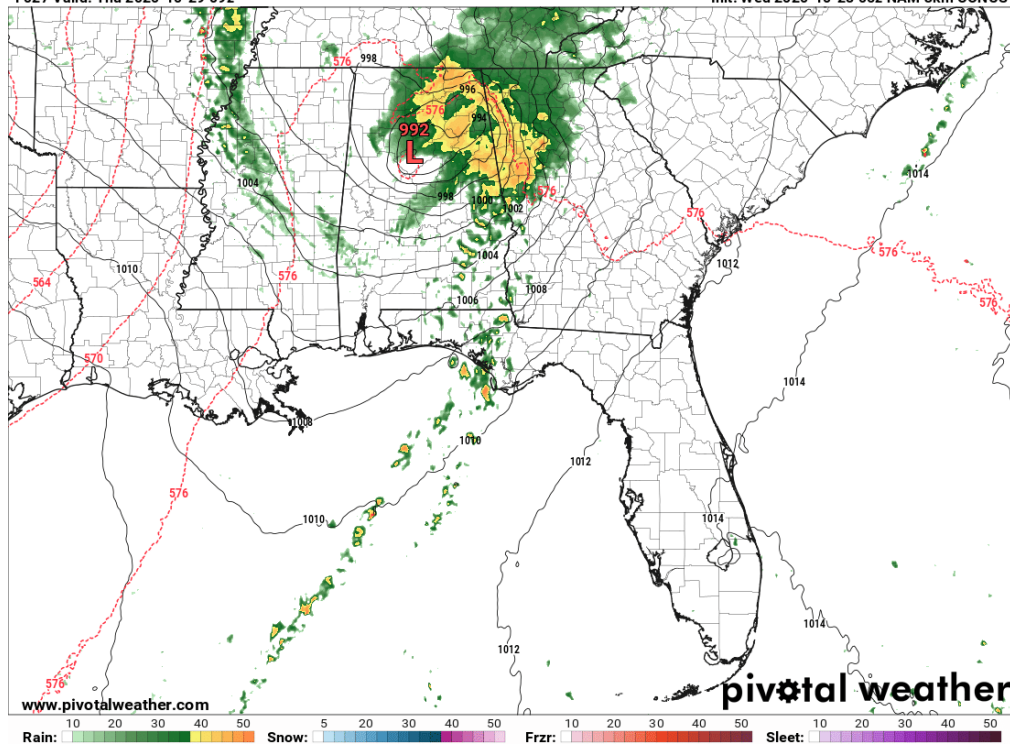


Figure 6: NAM 3km 20201028 06Z, Reflectivity at 09Z Thursday (5AM)