

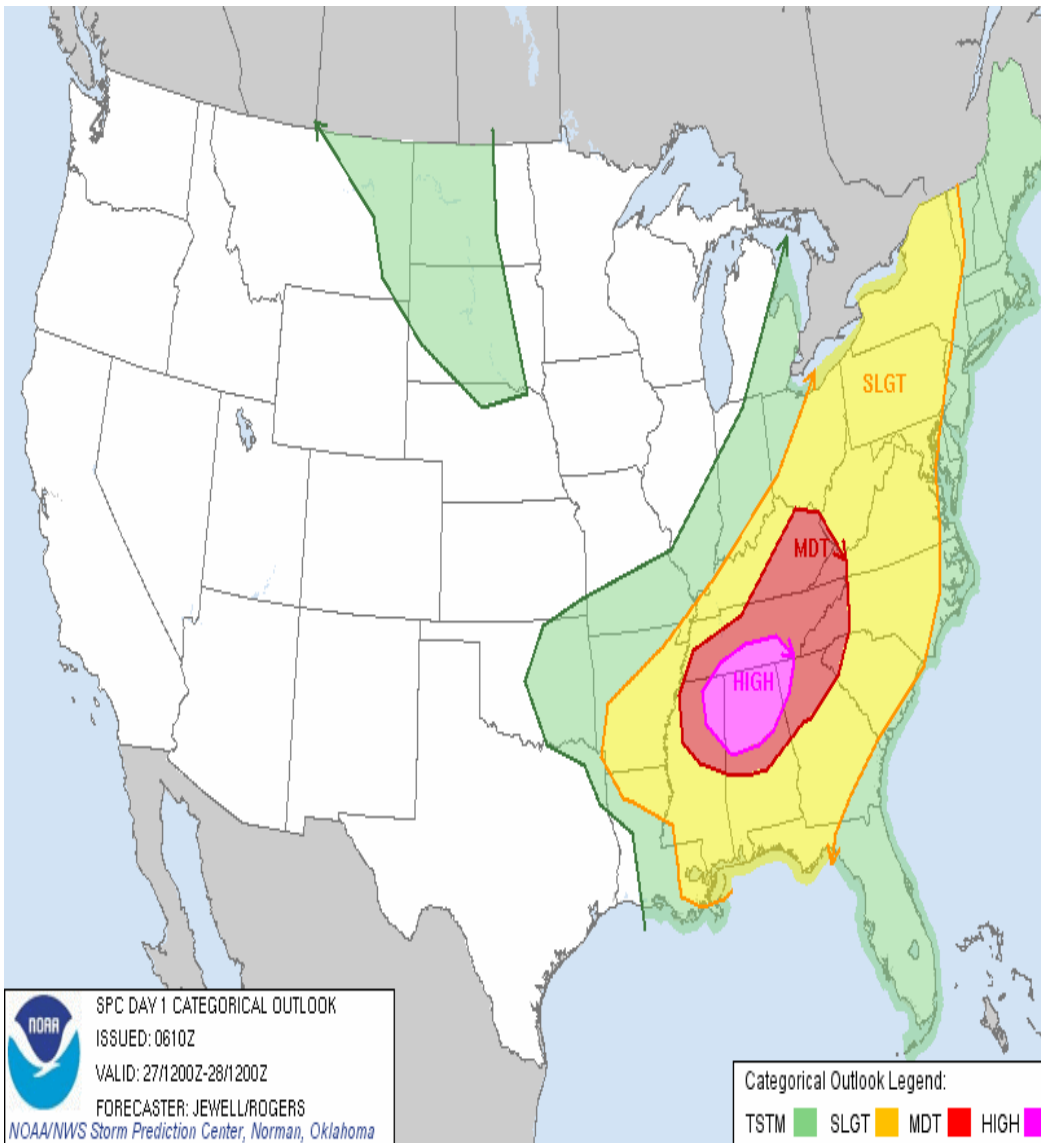


National Weather Service Tallahassee, Florida



In this update:

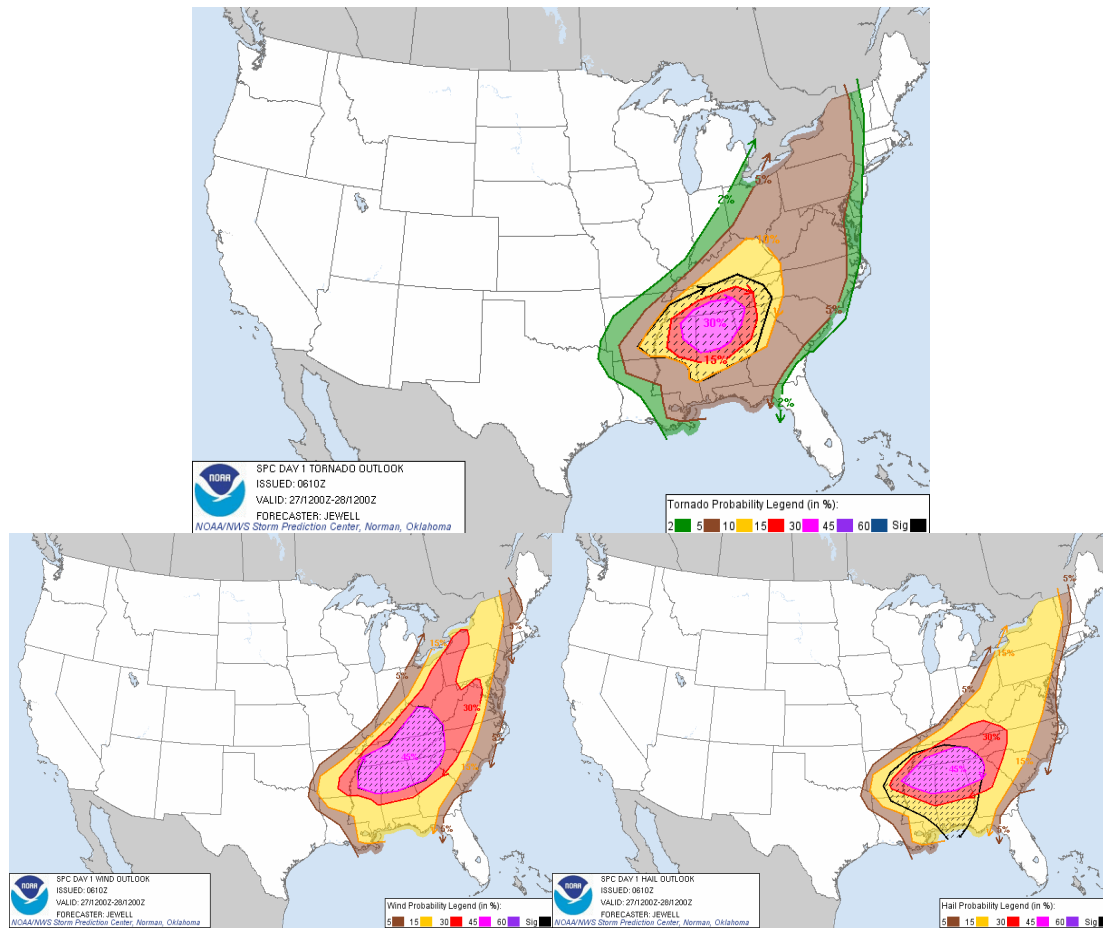
- Severe Weather Expected Wednesday Evening into Thursday across the region



A strong storm system continues to gain strength as a series of strong mid and upper level impulses move eastward out of the Rockies and across the Plains States. By this afternoon, a cold front across the Mississippi River Valley will begin to surge eastward, pushing the thunderstorm activity further east. With a very moist and unstable airmass in place across our region, severe thunderstorms will become increasingly possible as this cold front approaches Southeast Alabama on this evening. These storms will spread eastward across the region tonight, moving east of Interstate 75 by midday on Thursday.

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With a very warm and moist airmass in place across the region, the potential for severe weather has increased. While the greatest probability for severe weather remains located across the Tennessee Valley this afternoon, a high enough combination of wind shear and instability should be in place across our region by tonight. Because the low pressure area will be rapidly lifting northeast tonight, the resultant squall line may be in a weakening state as it crosses the forecast area. Thus, the severe probabilities with this system are not as high as the widespread damaging wind event from the fifth of this month for our local area.



That said, individual thunderstorms are expected to develop well ahead of the cold front across Central Alabama today. As the cold front moves further east, these cells are expected to form into a squall line and spread eastward across our region throughout tonight and into Thursday.

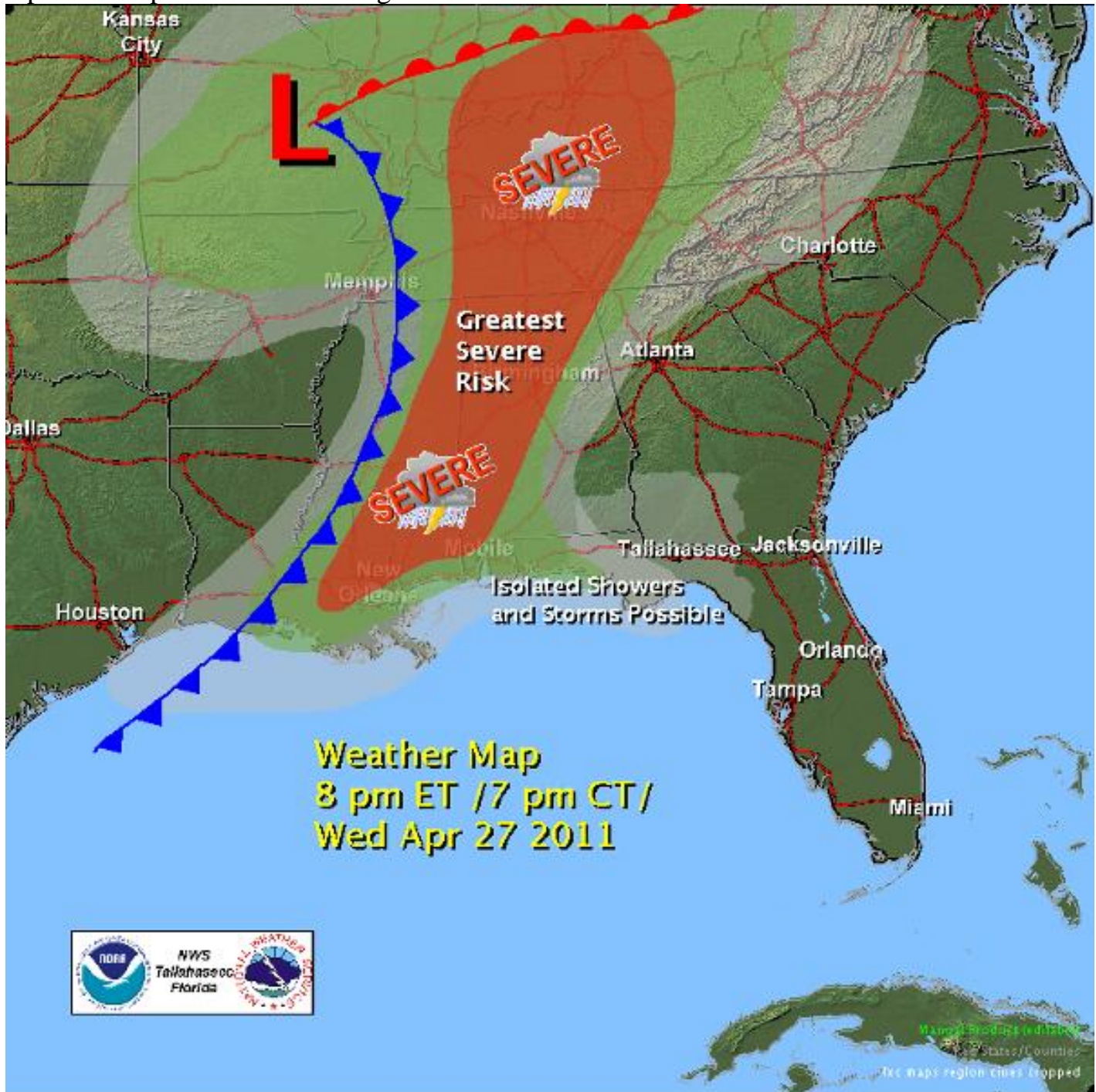
Primary Impacts:

- * The primary impacts with this system are likely to be damaging winds and large hail.
- * Isolated tornadoes are possible with any cells that develop ahead of the main line of convection.

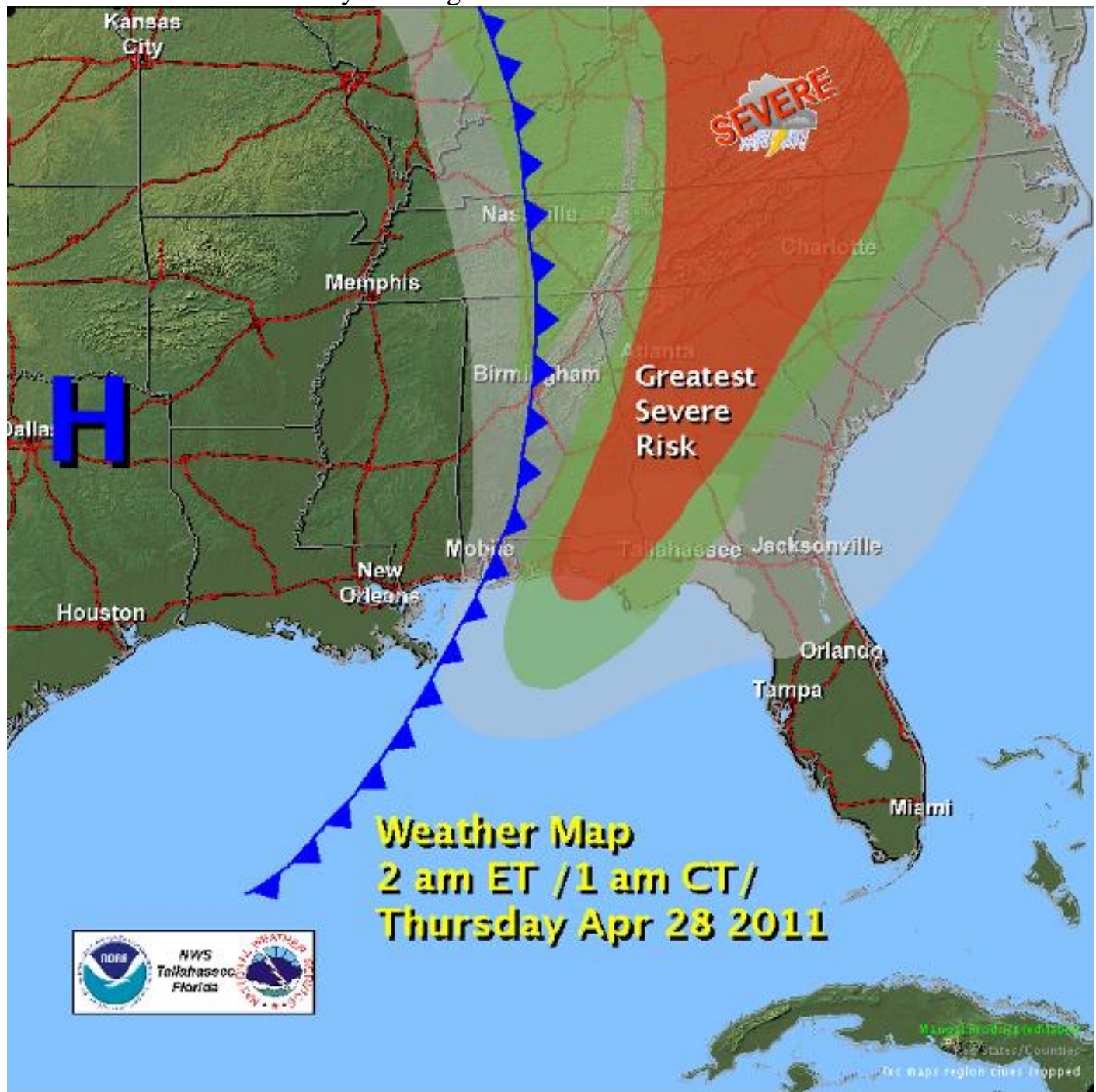
Timing:

The following images are based on the latest forecast models on this system. Further detail will be provided in future briefing packets as better agreement develops between the models.

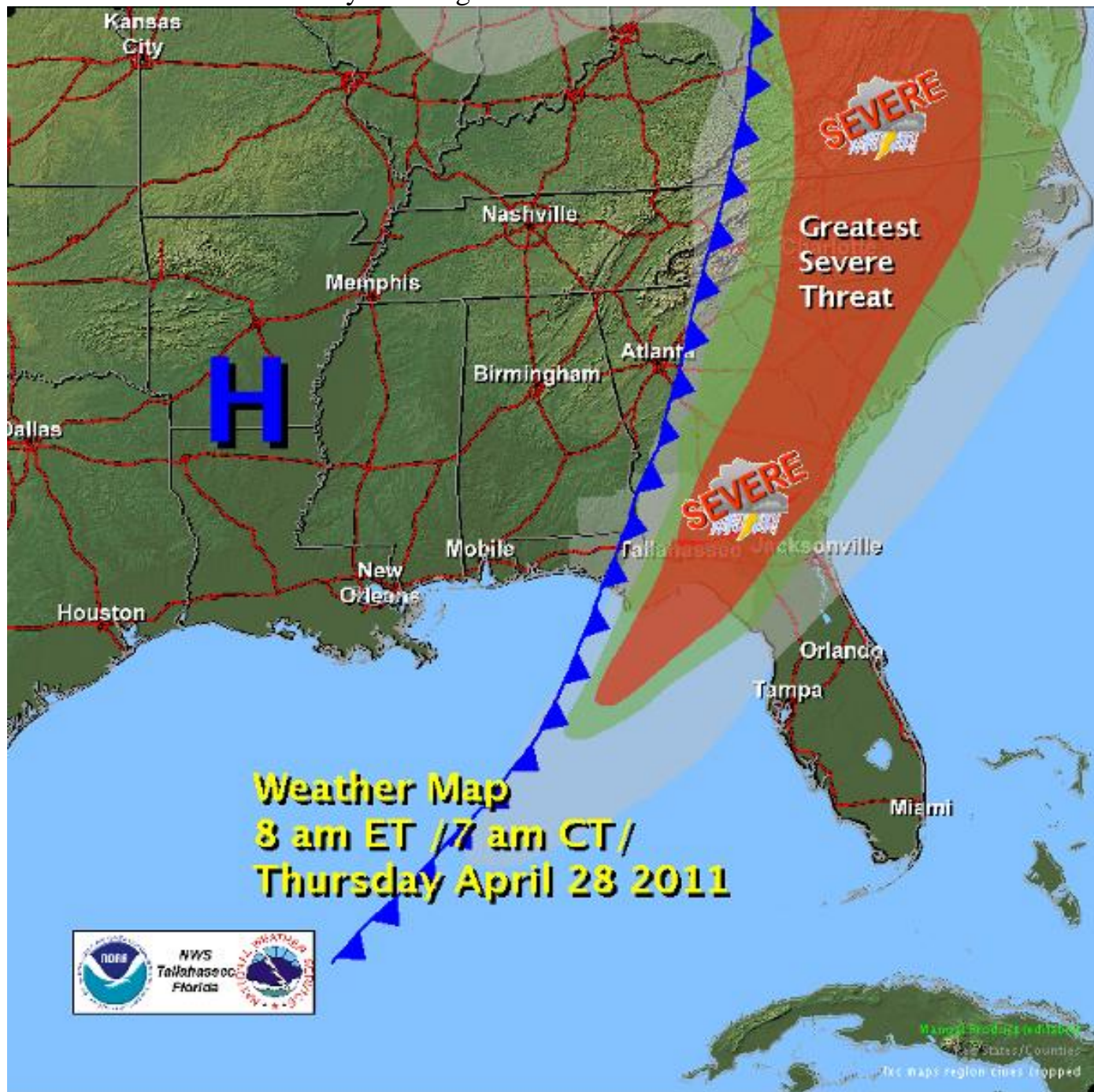
8 pm ET / 7 pm CT/ this Evening:



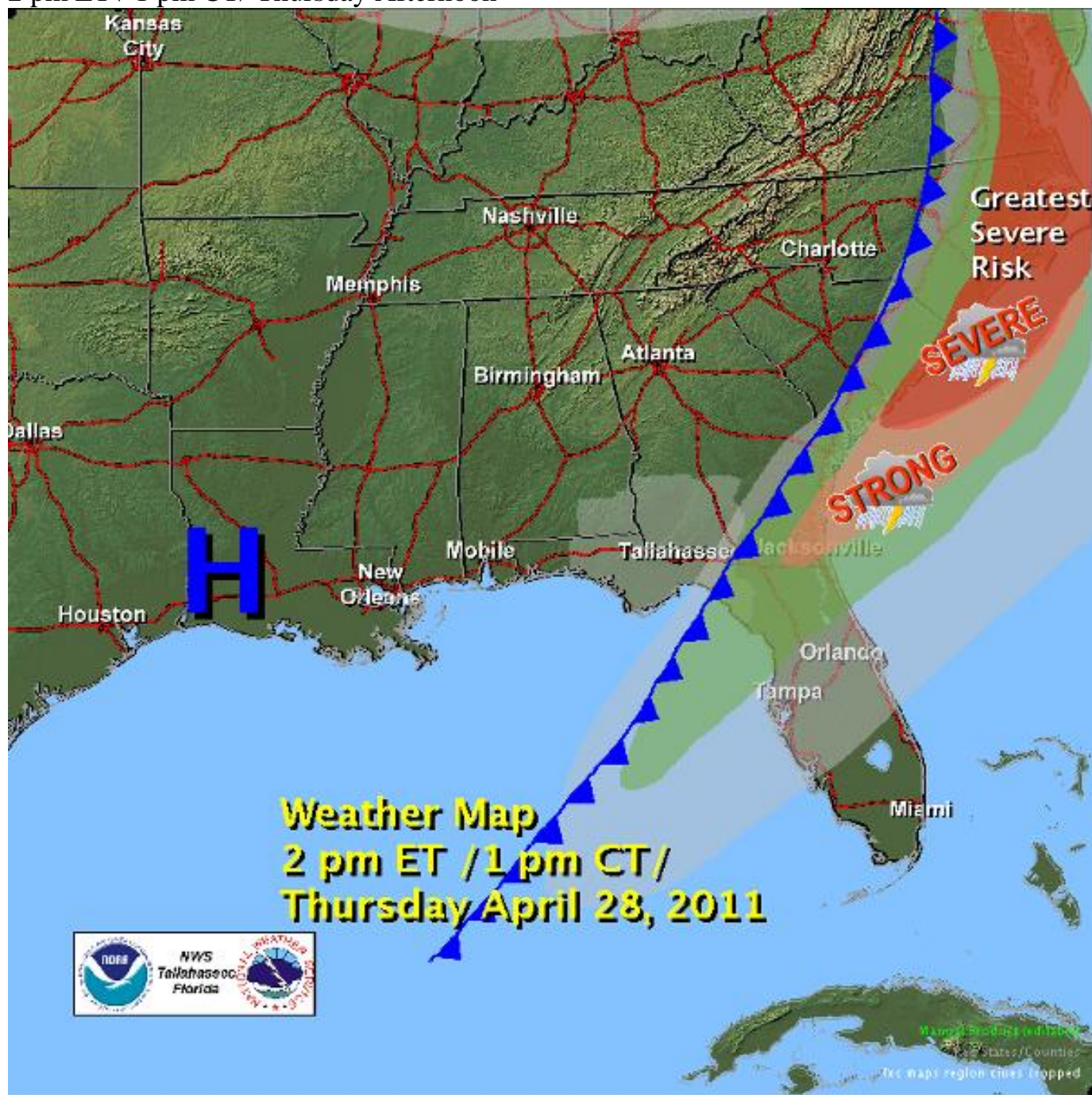
2 am ET / 1 am CT/ Thursday morning:



8 am ET / 7 am CT/ Thursday Morning



2 pm ET / 1 pm CT/ Thursday Afternoon



Summary:

- Severe weather will be possible starting this evening continuing into midday Thursday across the region.
- Severe probabilities are less than for the widespread damaging wind event from the fifth of April, but high enough to be taken seriously.
- The primary threats with this system are damaging winds and large hail.
- Isolated tornadoes are possible with any cells that develop ahead of the expected squall line.

The National Weather Service in Tallahassee will continue to monitor this system closely today. If you have any questions, please give our office a call at 850-942-8833 or on our toll free line at 800-598-4562 and ask to speak to a meteorologist. We are available 24 hours a day, 7 days a week. You can also reach us on our Southern Linc phone at 1*77*184.