

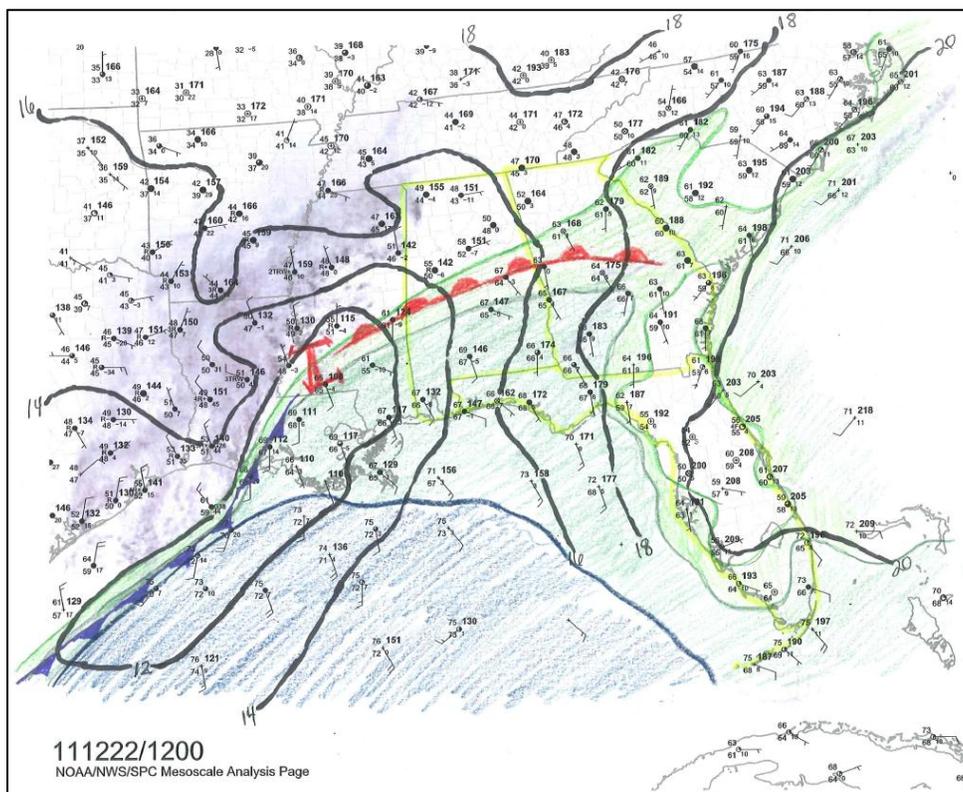


National Weather Service Tallahassee, Florida

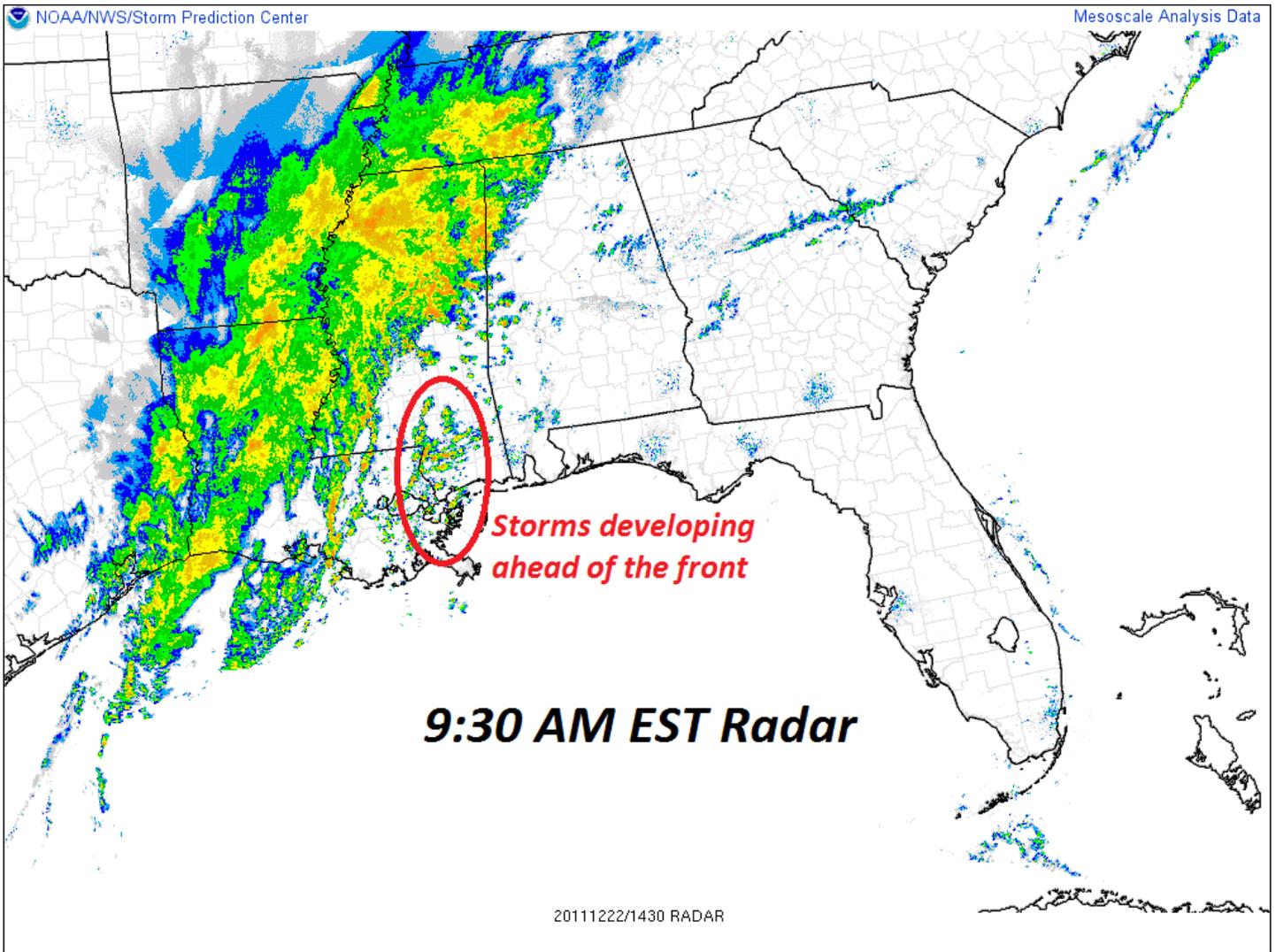


In this update:

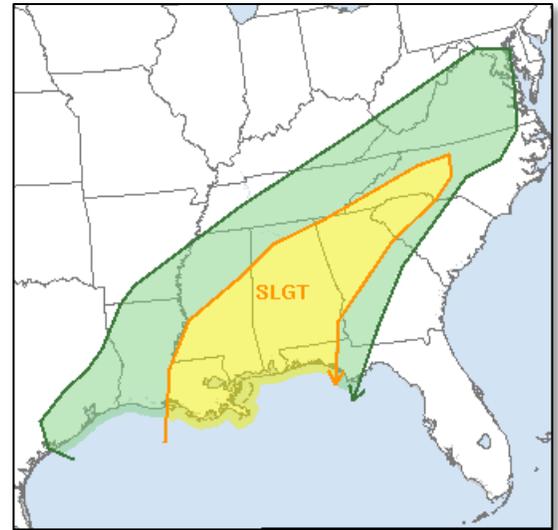
- A few thunderstorms are expected to move into western parts of the area this afternoon and this evening. A few could be severe.



Early this morning, a surface low pressure was located over southwest Mississippi, with a warm front extending ENE into central Alabama and central Georgia, and a cold front trailing to the southwest. This low is expected to lift northeast into northern Alabama by this afternoon, and the cold front will push east into western Alabama by that time.



The regional radar this morning shows a large area of rain and thunderstorms just behind the cold front from western Tennessee, along the Mississippi River, and into western Louisiana. We are also beginning to see signs of some scattered thunderstorms developing ahead of the cold front from near New Orleans into southeast Mississippi. The storms that develop along and ahead of the cold front are ultimately what would provide a severe weather threat as they move east this afternoon and evening.



Left: a Graphicast issued by the NWS Tallahassee detailing the expected evolution of the strong-severe thunderstorm threat this afternoon and evening.

Right: the 8am EST Storm Prediction Center severe weather outlook. The risk of severe weather includes most of the state of Alabama, and the western half of the Florida Panhandle.

The wind fields with this low pressure system will be favorable for severe weather, including a few tornadoes, across parts of the central Gulf Coast states today. A warm, humid air mass has been pushing north for several days now ahead of the cold front, and should provide the necessary moisture for showers and thunderstorms to develop later today.

The main question and uncertainty this morning is related to the amount of instability that will be available, particularly over our area. The main axis of higher instability will be located just to the west of our area.

Storms should also be beginning a weakening trend as they approach our area closer to sunset, a time when the air mass will become less unstable, and therefore less favorable for severe weather.

The main threat will be damaging winds, although an isolated tornado cannot be ruled out.

Key Points for this event:

- **Severe weather is not expected to be widespread, but some isolated severe storms will be possible, mainly between 2pm and 9pm.**
- If any severe weather was to occur, damaging winds would be the main threat. Isolated tornadoes will also be possible.
- **The threat of severe weather will be negligible over the eastern half of our area**, including the city of Tallahassee. Storms will weaken considerably later tonight.
- Although most of the stronger storms may form into lines west of the area earlier this afternoon before they move east, there may be some scattered storms that develop earlier in the afternoon. These scattered storms may also be severe.
- If a watch is issued, it would probably be in the early to mid-afternoon, and it would probably be a Tornado Watch.

The National Weather Service in Tallahassee will continue to monitor this severe weather threat closely. 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.