



National Weather Service Tallahassee, Florida

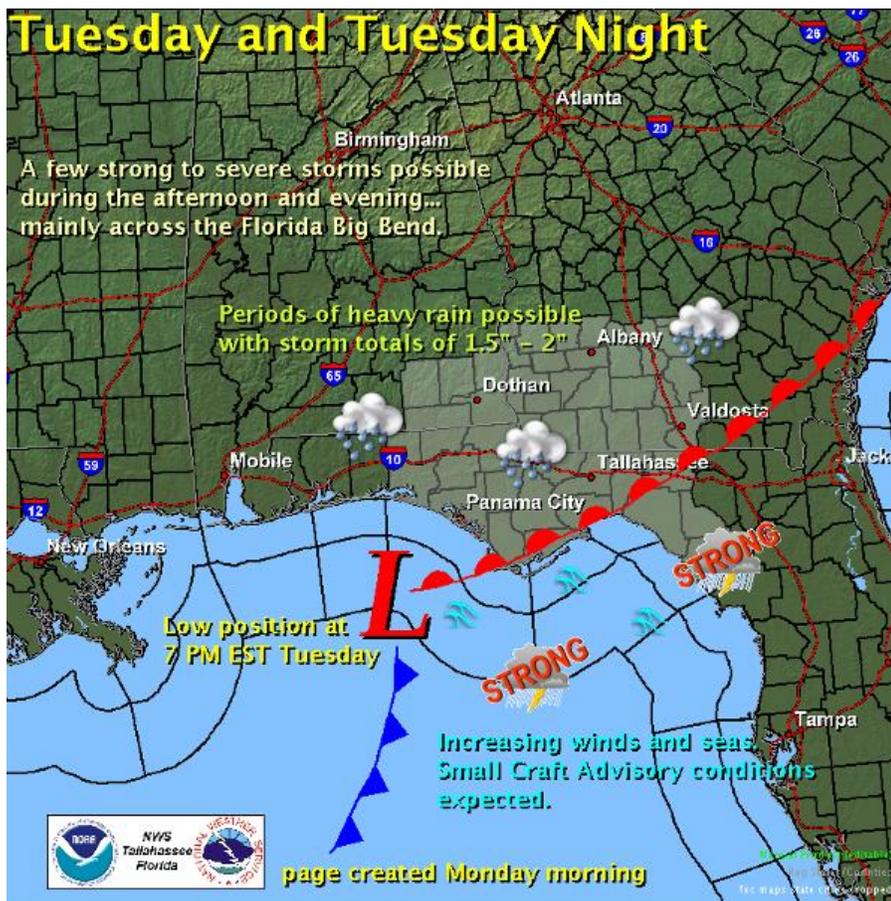


In this update:

- Slight Risk for severe storms continues this afternoon and evening for the Florida Big Bend.
- 1.5-2 inches of rain across the region.

Key Points for this event: Today and Tonight

- Strong wind fields will be very supportive of organized severe storms. However, cold waters over the Gulf of Mexico will limit instability and the overall severe threat.
- Locally heavy rainfall is expected, but the overall flood threat is low.



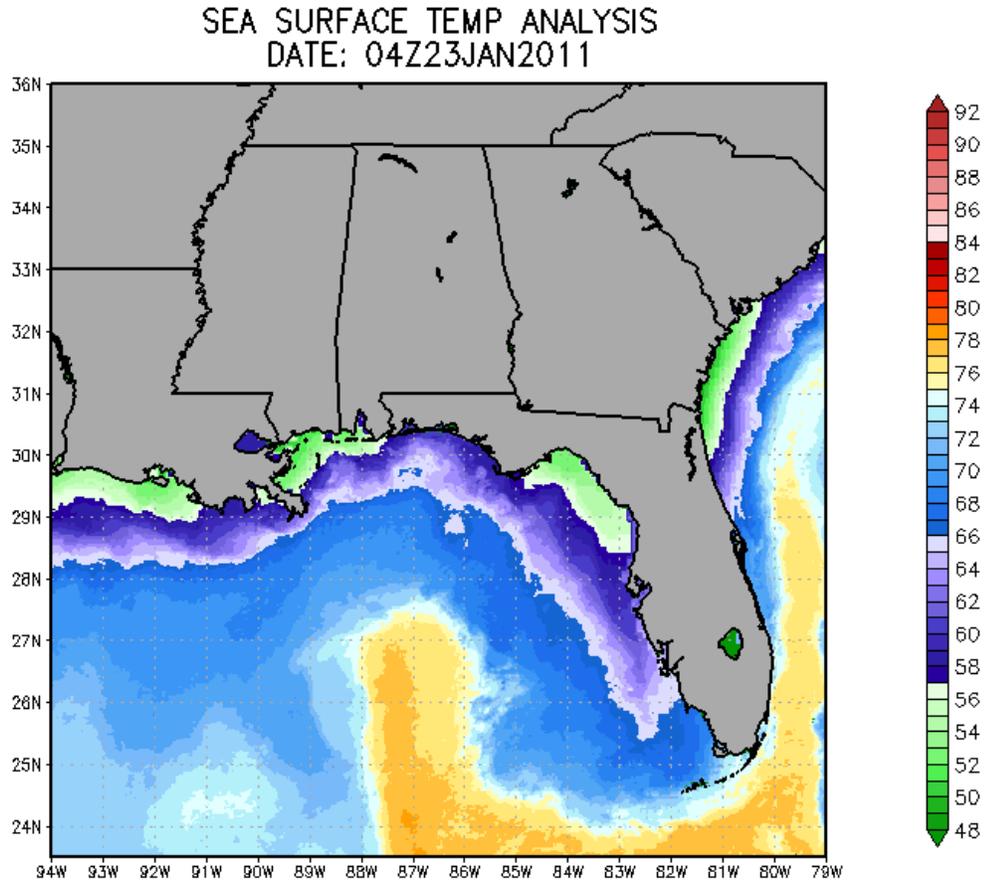
The current weather picture and event summary:

A low pressure system is developing over the northern Gulf of Mexico this morning and it is expected to move inland over the Florida Panhandle this afternoon, and will exit the region to the northeast later tonight. This system will bring widespread rain to the region with scattered thunderstorms, along with increasing winds and seas over the Gulf coastal waters.

Potential Impacts:

While wind fields look very favorable for organized severe

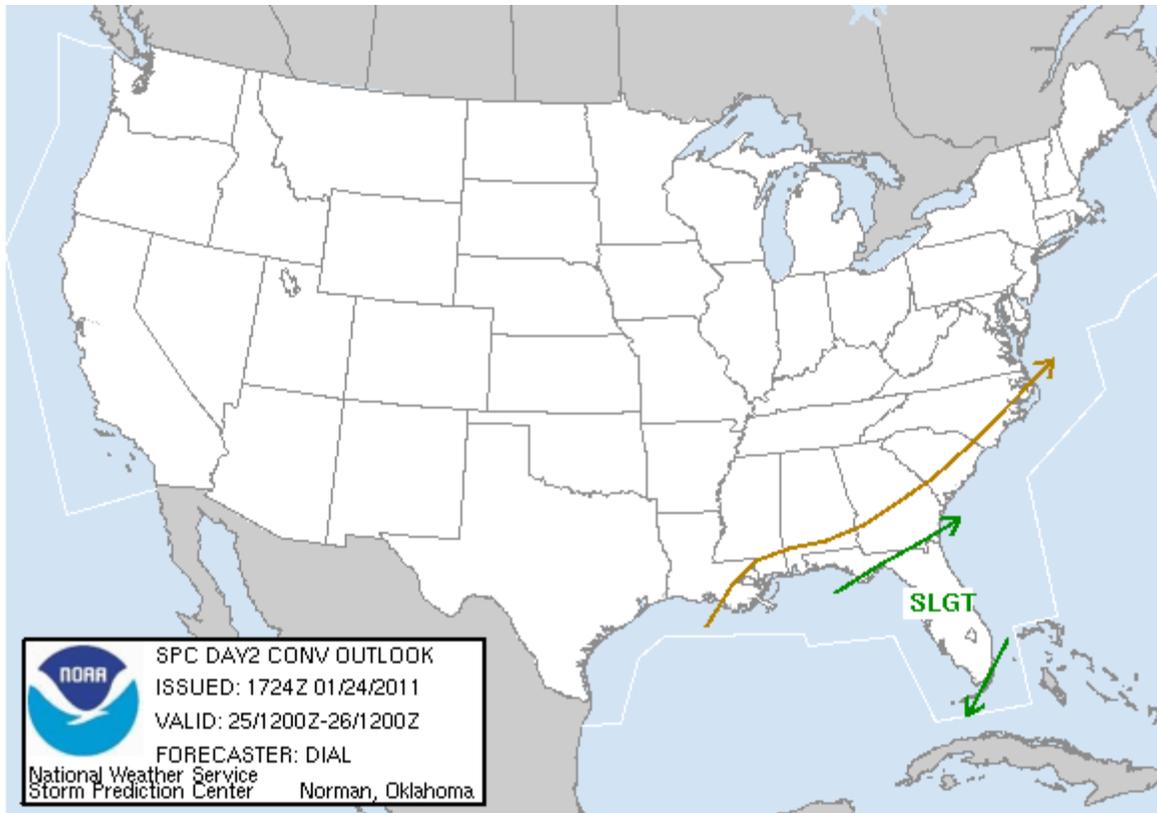
storms, the overall low level instability is expected to remain fairly low. This is largely due to the very cool waters over Apalachee Bay, where sea surface temperatures are still only in the lower 50s as depicted in the image below.



GRADS: COLA/IGES

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This cool marine layer may inhibit the overall severe weather threat, but areas along and to the south of the warm front (mainly the Southeast Florida Big Bend) will have the potential for Isolated Strong to Severe Thunderstorms due to the strong dynamics and somewhat greater low level instability. The Storm Prediction Center has continued the Slight Risk for severe storms for today, as indicated in the image at the top of the next page. The primary threat from these storms will be damaging wind gusts and isolated tornadoes.



Storm total rainfall will average 1.5-2 inches across much of the with localized higher amounts up to 3 to 4 inches possible. These totals will be mainly beneficial and are not expected to produce significant flooding concerns. Along the coast, tides will run about a foot above normal from later this evening into Wednesday morning.

Summary:

- Widespread 1.5- to 2-inch rainfall totals with isolated amounts up to 3 to 4 inches should not produce significant flooding concerns.
- Isolated strong to severe storms possible, mainly across the Southeast Florida Big Bend this afternoon and evening.
- Tides will run about a foot above normal from Tuesday evening into Wednesday morning and breaking waves of up to 4 to 6 feet will be possible at the beaches of the Florida Panhandle and western Big Bend.

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.