



Monroe County Florida Keys Weather Briefing

A Marginal Risk for Severe Thunderstorms Late Tonight/Early Morning Hours Wednesday

Issued: March 5, 2024 – 11:00 am EST

This weather briefing is for emergency management and critical infrastructure core partners serving the Florida Keys of Monroe County.

NO WATCHES, WARNINGS OR ADVISORIES ARE IN EFFECT FOR THE FLORIDA KEYS AT THIS TIME

Bottom Line:

There is a marginal risk of isolated severe thunderstorms after midnight tonight through the early morning hours Wednesday in the Florida Keys, with isolated damaging wind gusts near 60 mph and a tornado or two the primary threats.

A lingering threat of isolated strong to possibly severe thunderstorms with isolated wind gusts of 50 to 60 mph may continue for the Upper Florida Keys through midday Wednesday.

The Storm Prediction Center has outlooked all of the Florida Keys for a MARGINAL RISK (Level 1 out of 5) for severe thunderstorms late tonight through early morning hours Wednesday, with a MARGINAL RISK continuing for portions of the Upper Florida Keys during the day Wednesday.

Timing: After midnight tonight to 7:00 am EST Wednesday. Heavy weather is expected to first reach the Lower Keys, then progress through the Middle and Upper Keys during the early morning hours Wednesday. Heavy weather is most likely to be exiting the Upper Keys around the time of sunrise Wednesday.

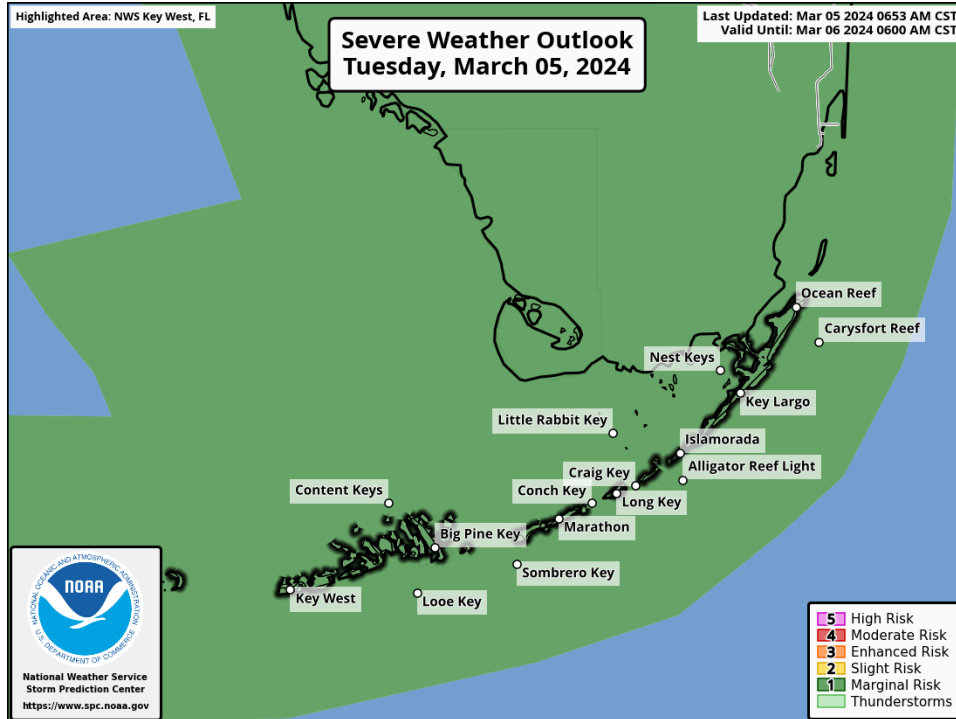
Situation Overview:

Low pressure is expected to develop tonight over the northern Gulf Coast States and move northeast to the Mid Atlantic States by Wednesday evening. While the low pressure system will bring a cold front into the eastern Gulf of Mexico late Wednesday and Wednesday night, scattered to locally numerous showers and isolated thunderstorms are expected to reach the Florida Keys well in advance of the cold front late tonight. The stronger storms may develop into a broken squall line with damaging wind gusts near 60 mph and possibly a tornado or two the main threats.

As the low pressure strengthens and moves up the U.S. east coast, additional showers and thunderstorms may develop over South Florida and the Keys, with a lingering potential for strong wind gusts through midday in the Upper Keys.

The Storm Prediction Center had upgraded its outlook for severe weather to a MARGINAL RISK this morning for the Florida Keys.

At this time, the threat of flooding rainfall remains low. Some temporary ponding of water on streets may occur during any heavy downpours late tonight through early morning Wednesday, however tides are sufficiently low to not contribute to any widespread street or low area flooding.



The Storm Prediction Center has outlooked the Florida Keys for a MARGINAL RISK (Level 1 out of 5) for severe weather late tonight/early morning Wednesday.

Chance of Severe Weather Hazards Sunday			
	Damaging Wind Gusts (Near 60 mph and higher)	Tornadoes	Large Hail (1" diameter or larger)
Florida Keys	5 to 14%	2 to 4%	Less than 5%

Table indicating the chance of each severe thunderstorm hazard type occurring within 25 nautical miles of a single location within the Florida Keys

Next Update

The next update to the weather brief is expected Wednesday morning by 9:00 am, or sooner if there are changes to the expected hazardous weather impacts for the Florida Keys.

You may contact the NWS Key West at (305) 295-1316 extension 3 to speak with a meteorologist 24/7. Please contact us anytime if you need specific information (as best as the science allows) for critical hazardous weather information for decision support in your department’s activities.



For additional information, visit our webpage at: <http://www.weather.gov/key>
Or monitor us on Facebook at: <https://www.facebook.com/NWSKeyWest>
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