

Monroe County Florida Keys Weather Briefing

A Marginal Risk of Severe Thunderstorms over the Florida Keys Early This Evening

Issued: February 24, 2025 – 5:00 pm EST

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

A SMALL CRAFT ADVISORY IS IN EFFECT FOR ALL FLORIDA KEYS COASTAL WATERS THROUGH THIS EVENING

Critical Changes: The risk of damaging winds and a brief tornado or two appears to be confined to the early evening hours; and mostly likely before 10:00 pm EST this evening.

Bottom Line:

There remains a marginal risk of severe thunderstorms through early this evening over the Florida Keys, with localized damaging wind gusts near 60 mph and a brief tornado or two the primary threats.

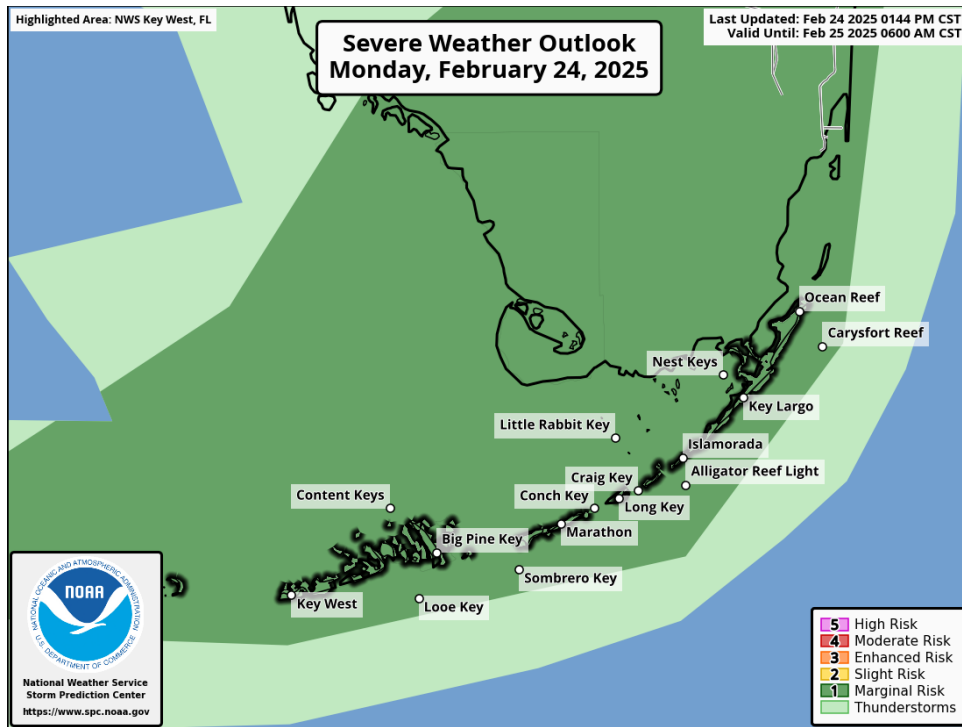
The Storm Prediction Center has outlooked all of the Florida Keys for a MARGINAL RISK (Level 1 out of 5) for severe thunderstorms through tonight.

Timing: The greatest risk for severe local thunderstorms and a brief tornado or two **will be early this evening, and most likely before 10:00 pm EST this evening.**

Situation Overview:

A continuing threat for localized damaging winds or a brief tornado or two early this evening will be result of strengthening low pressure over the east-central Gulf crossing South Florida tonight, with a trailing cold front moving through the Florida Keys. Even after the severe weather threat ends, additional rounds of showers and isolated thunderstorms are expected into the early morning hours Tuesday bringing additional rainfall.

Flooding occurred over Key West earlier today with reliable rain gauges measuring from over 3 inches to just under 7 inches. A few unofficial home weather stations have measured amounts in excess of 8 inches over the central part of the island of Key West. Additional rainfall totals of 1 to 2 inches throughout the Florida Keys with isolated heavier amounts near 3 inches can be expected overnight (tonight).



The Storm Prediction Center has outlooked all of the Florida Keys and adjacent coastal waters for a MARGINAL RISK (Level 1 out of 5) for severe weather through this evening.

	Chance of Severe Weather Hazards through Tonight		
	Damaging Wind Gusts (Near 60 mph and higher)	Tornadoes	Large Hail (1" diameter or larger)
All of the Florida Keys of Monroe County	5-14%	2-4%	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

No additional updates are scheduled at this time for the Florida Keys of Monroe County concerning this weather event.

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 require specific critical hazardous weather information for decision support in your agency, department or division'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>
 Or X: <https://x.com/NWSKeyWest>

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