

## **Monroe County Florida Keys Weather Briefing**

**A Marginal Risk of Severe Thunderstorms over the Florida Keys  
Late This Afternoon Through Evening**

*Issued: February 24, 2025 – 9:00 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 severe thunderstorms late this afternoon through late this evening over the Florida Keys, with localized damaging wind gusts near 60 mph and a brief tornado or two the primary threats.

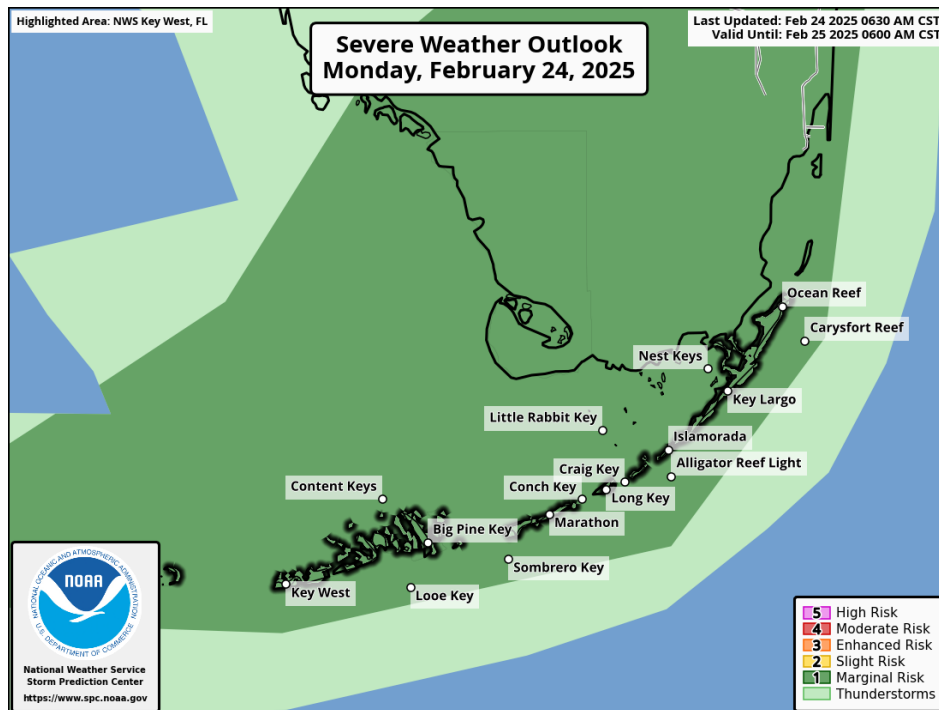
The Storm Prediction Center has outlooked all of the Florida Keys for a MARGINAL RISK (Level 1 out of 5) for severe thunderstorms through tonight.

**Timing:** While an episode of steady rain with scattered embedded stronger showers and thunderstorms is expected to overspread the Florida Keys this morning through midday, **the highest risk for severe thunderstorms is expected during the 7:00 pm through midnight time range.**

### **Situation Overview:**

A complex of rain and embedded stronger thunderstorms is presently moving into the Florida Keys from the west this morning. Locally heavy downpours and locally gusty winds may occur as this area of disturbed weather moves east and south of the Keys early this afternoon. However, the greater threat for localized damaging winds or a brief tornado or two late this afternoon and 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.

While locally heavy downpours may occur, general rainfall in the range of 1 to 2 inches is most likely, with a few locations possibly receiving 2 to 3 inches. Temporary ponding of water on poor drainage streets is possible, but no widespread flooding is expected in the Florida Keys at this time.



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)
<b>All of the Florida Keys of Monroe County</b>	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

The next update will be issued around 5:00 pm EST, later today, Monday, February 24, 2025.

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>

Issued by: Jon Rizzo, Warning Coordination Meteorologist, NWS Florida Keys