



National Weather Service
WFO Florida Keys
305-295-1316

Monroe County Florida Keys Weather Briefing

Localized Heavy Rainfall Potential This Morning

Issued: June 04, 2025 – 9:30 am EDT

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

Bottom Line:

The combination of rich tropical moisture from the western Caribbean, developing low pressure over , and an upper-level weather disturbance in the northeastern Gulf will combine to provide several days of much-above normal rain chances, including the threat for rainfall-induced flooding.

Additional rainfall totals of up to around one inch are most likely through this evening, with isolated additional totals up to 3 inches possible. Flooding of poor-drainage areas and streets can be expected during times of heavy rainfall.

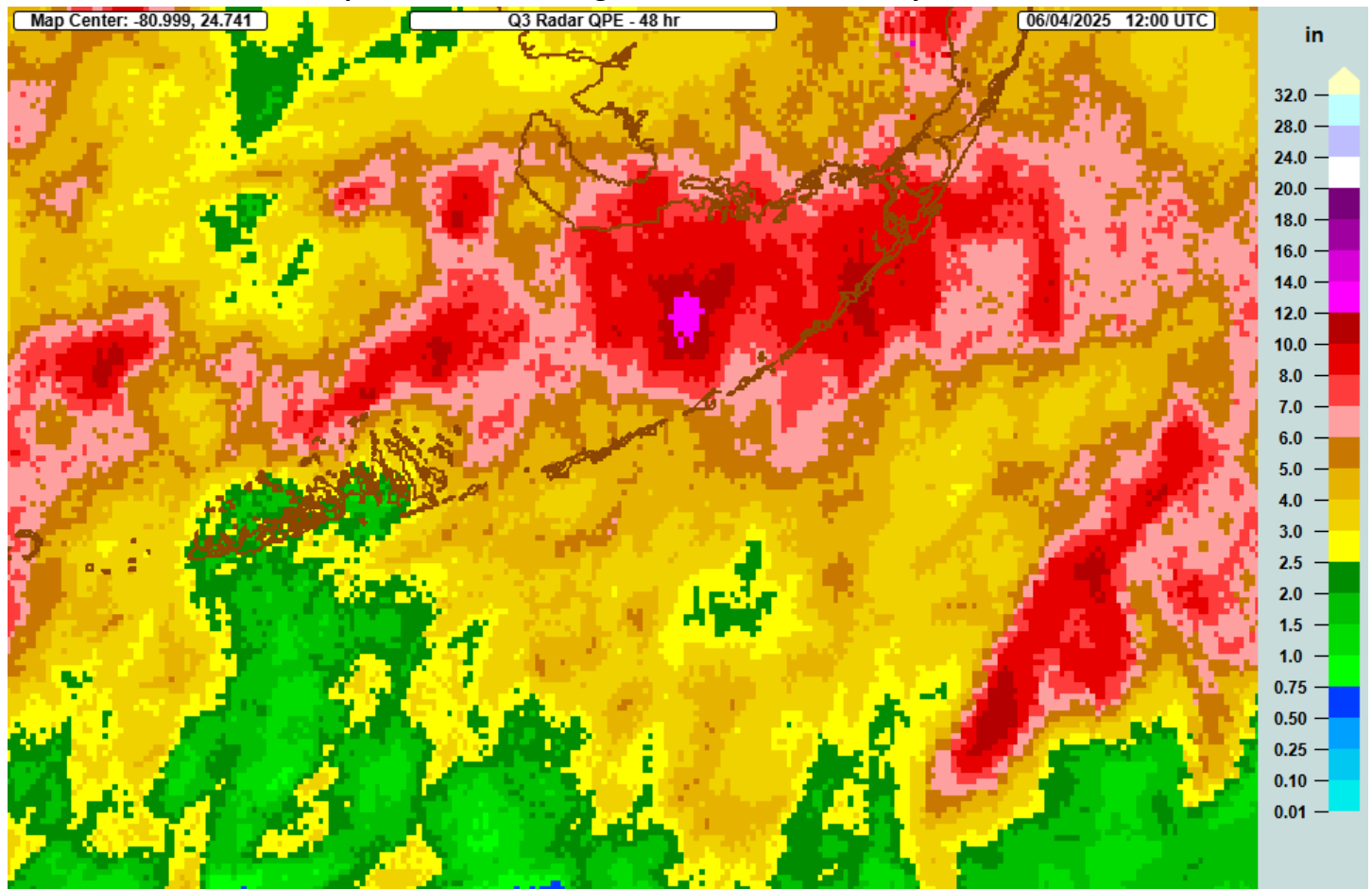
Timing:

The highest threat for locally heavy rainfall will be this morning. Rain chances will decrease this afternoon and evening, with only a slight chance for a shower or thunderstorm tonight through the upcoming weekend.

Impacts:

Poor drainage streets and areas may flood during heavy rainfall; mainly this morning. We are currently near the lower end of the tide cycle, however, high tides generally range from the pre-dawn to sunrise hours and in the late afternoon through early evening hours. High tides can slow drainage when heavy rain is falling.

Rainfall Estimates over the past 48 Hours ending 8:00 am EDT Wednesday June 4, 2025:



While total rainfall over the past 48 hours in the westernmost Lower Keys has been estimated at less than 2 inches, generally 3 to 5 inch totals were estimated from Big Pine Key through Duck Key, with estimates of 6 to in excess of 10 inches from Islamorada through Key Largo. Note that a location over Florida Bay north of Long Key has radar estimates in the 12 to 14 inch range!

Verified reports over the past 48 hours:

Key West International Airport	1.74"
Key West (mid town)	1.63"
Key West (new town)	1.45"
Cudjoe Key	1.75"
Summerland Key	1.82"
Big Pine Key (Key Deer Refuge sensor, north island)	2.83"
Big Pine Key (north island)	3.23"
Bahia Honda State Park	2.39"
Florida Keys Marathon International Airport	4.75"
Marathon (Grassy Key)	3.95"
Islamorada (Lower Matecumbe)	6.21"
Key Largo North	8.32"
Key Largo	6.87"
Ocean Reef	3.25"

Next Update

This will be the final weather brief concerning this heavy rainfall 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>

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