

County Impacts Associated with Rafael (2024)

Updates:

- [11/08/2024] - Initial issuance.

County Name	Injuries:	Fatalities:	Evacuations:
Monroe	None	None	None
<p>Wind Impacts in the Florida Keys of Monroe County consisted of below-to-near tropical storm force sustained winds with tropical-storm force wind gusts of lower tropical-storm force, mainly in the Lower Florida Keys. The center of Hurricane Rafael passed approximately 125 miles to the southwest of Key West during the evening of November 7th, 2024, with the outer rain bands impacting the Florida Keys from Dry Tortugas through Key West to near Marathon. Sustained winds of 25 to 35 mph with peak gusts in the range from 40 to 55 mph occurred during the afternoon and evening of November 7, 2024, into the early morning hours of November 8. A few small tree limbs were downed in the Key West vicinity, however, no significant power outages were reported.</p> <p>Coastal flooding impacts from storm surge were limited to the immediate oceanfront streets in the Lower Florida Keys and primarily from overwash from heavy wave action during the afternoon of November 7 throughout the day on November 8, 2024. The highest water levels were measured at Key West Harbor near 1.2 feet above mean higher high water (MHHW). Some street flooding was noted near the Southernmost Point on Key West including United Street, as well as along the western end of South Roosevelt Boulevard and Atlantic Boulevard in Key West. However, no street closures were required.</p> <p>Rainfall totals from the passage of Hurricane Rafael to the west was limited primarily to the Lower Florida Keys and Key West, with maximum storm totals from Key West to Big Pine Key in the 2.5 to 3.5 inch range.</p> <p>No tornadoes were reported in association with the rainbands from Hurricane Rafael.</p>			