

Event Bulletin: Rafael

Global Peril Diagnostic

Hurricane Rafael

This forecast is valid as of 2024-11-07 06:00 UTC.

Hurricane Rafael has maximum sustained wind speeds of **103.6 mph** and is travelling in a North Westerly direction at **7.2 mph**.

Rafael formed at 2024-11-02 12:00 and is forecast to last until 2024-11-12 06:00, with maximum wind speeds projected to reach the equivalent of a **Category 3 Hurricane**.

Please be advised, these forecasts are issued every 6 hours. Each contains projections valid for 12, 24, 36, 48, 60, 72, 96, and 120 hours after the forecast's nominal initial time. All dates and times listed are in UTC. Dates and times shown may not reflect the date and time where you are.

Current Status

Basin	Current Category	Coordinates	Current Wind Speed (mph)	Heading	Storm Speed (mph)
Atlantic Ocean	Category 2 Hurricane	23.8 N, -84.1 W	103.6	North Westerly	7.2

Observed/Forecasted Positions: storm track, wind extent and potential track area

Storm Locations

- D** Tropical Depression
- S** Tropical Storm
- H** Hurricane

Storm Track

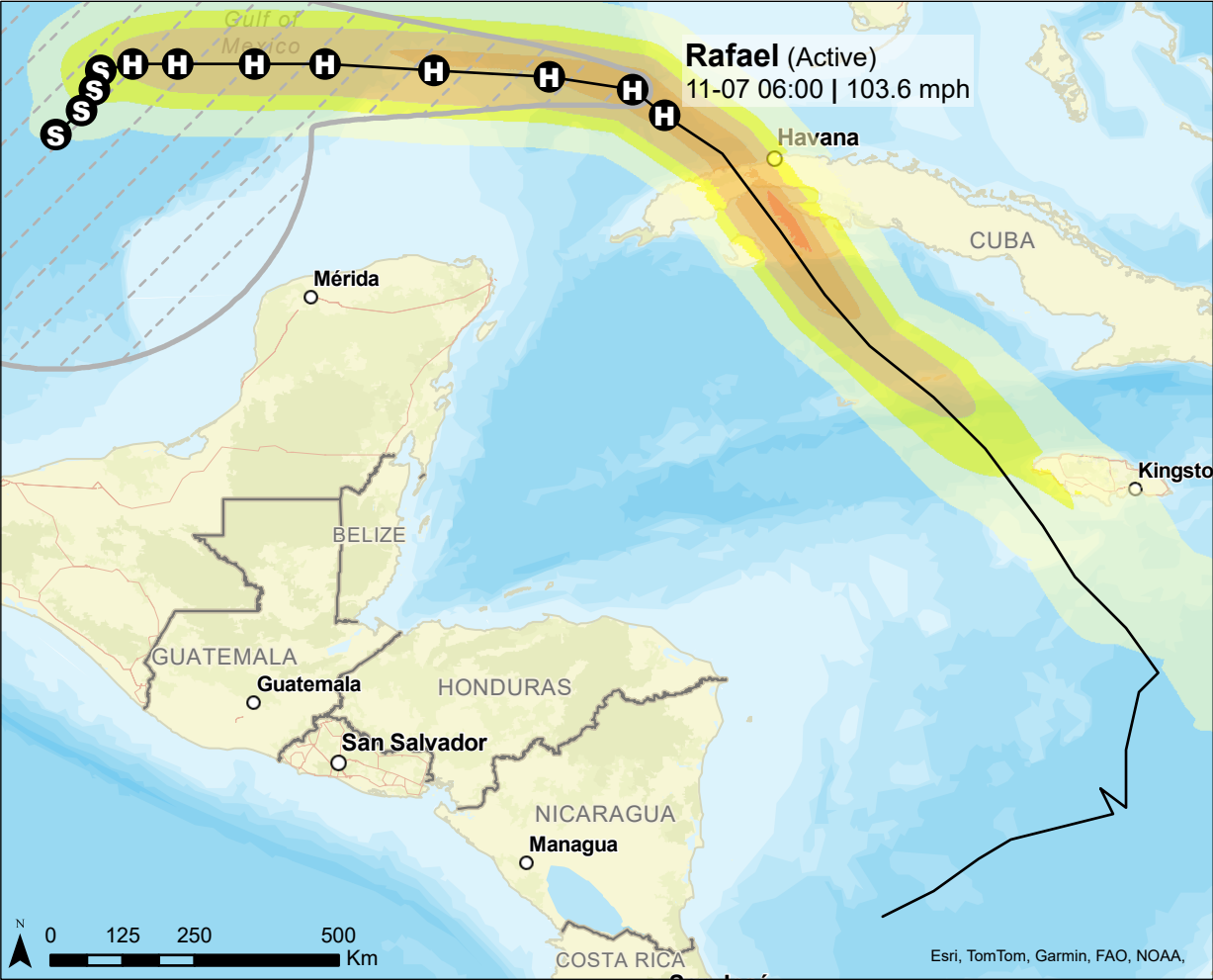


Probability Cone



Wind Categories

- Tropical Depression
- Tropical Storm
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5

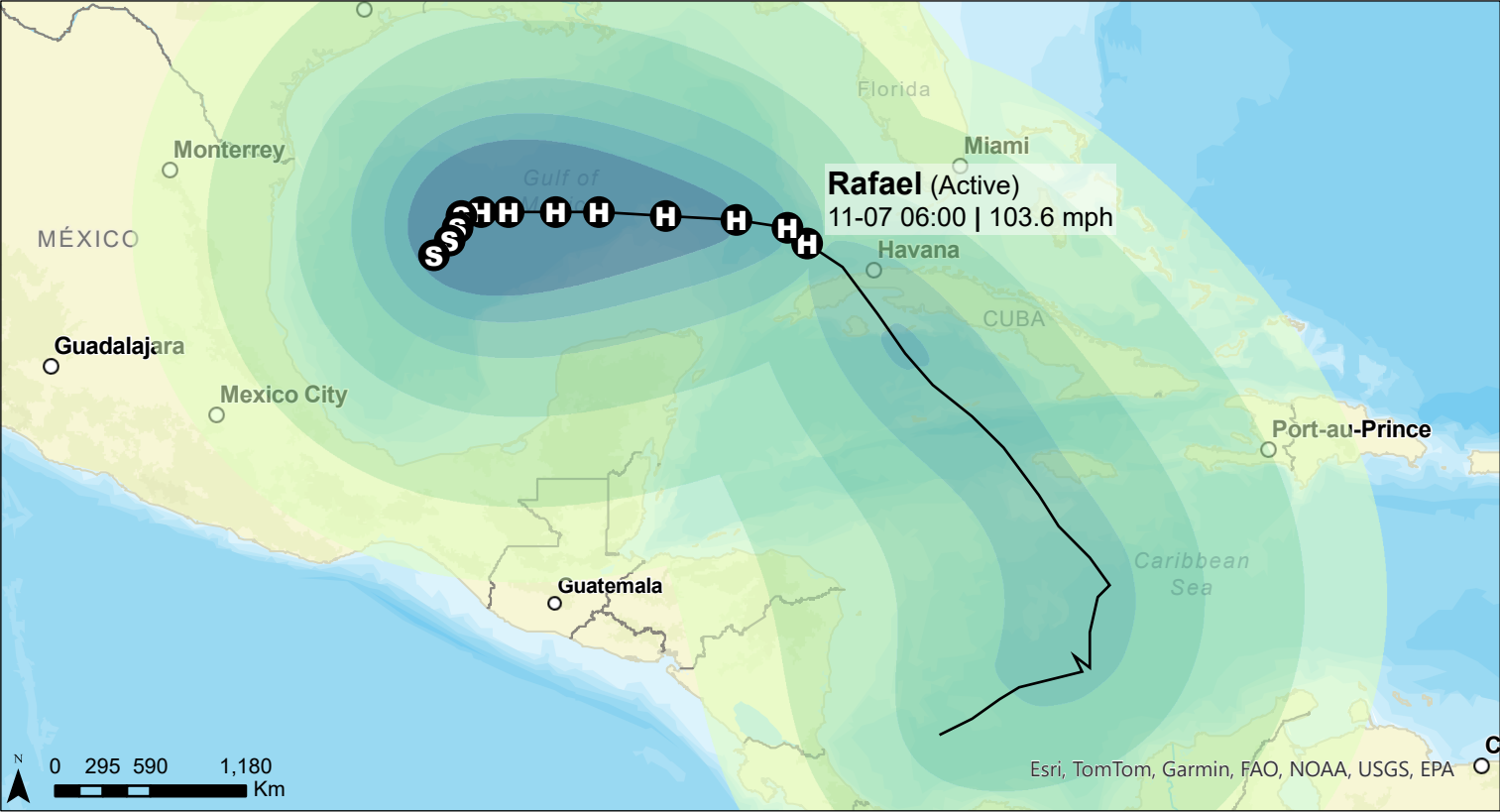


Global Peril Diagnostic continuously tracks ongoing global storms and earthquakes, assessing the potential impact upon your portfolio locations and relaying this real time information within the model.

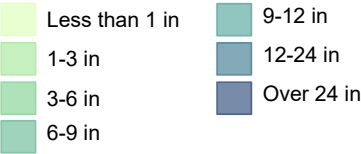
GPD directly shares event alerts if any of your property locations are affected by an earthquake or tropical storm. Event alerts include a daily summary of the number of locations and exposure affected. Use GPD to evaluate your portfolio's exposure to natural catastrophe, terrorism, and pandemic related events.



Rainfall



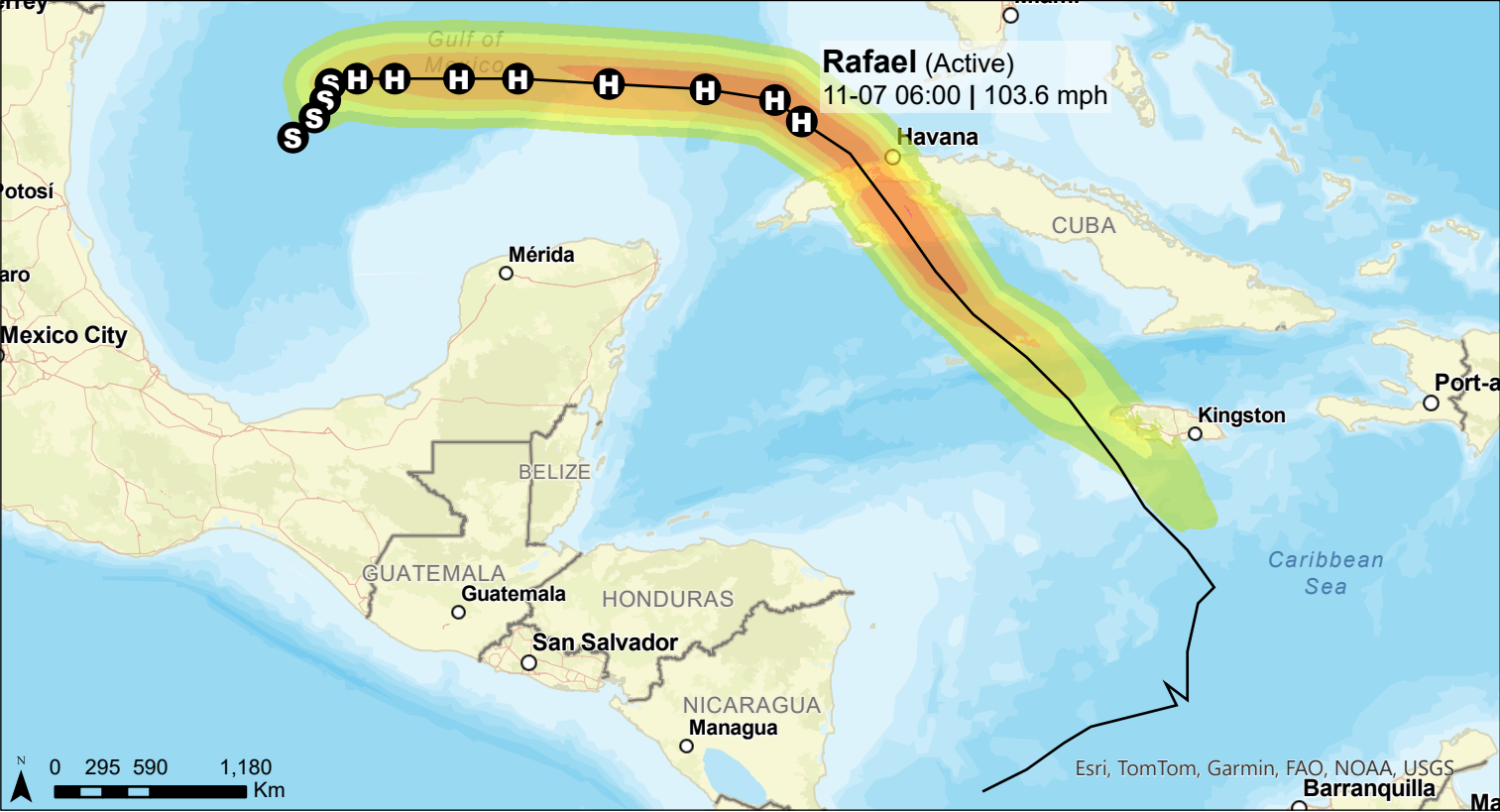
Predicted Rainfall in Inches



The map above shows the maximum predicted rainfall due to Hurricane Rafael. The estimated maximum rainfall is **12-24 inches**.

The map below shows the predicted impact of Hurricane Rafael. The highest damage level the hurricane could achieve is comparable to: **Catastrophic Damage**.

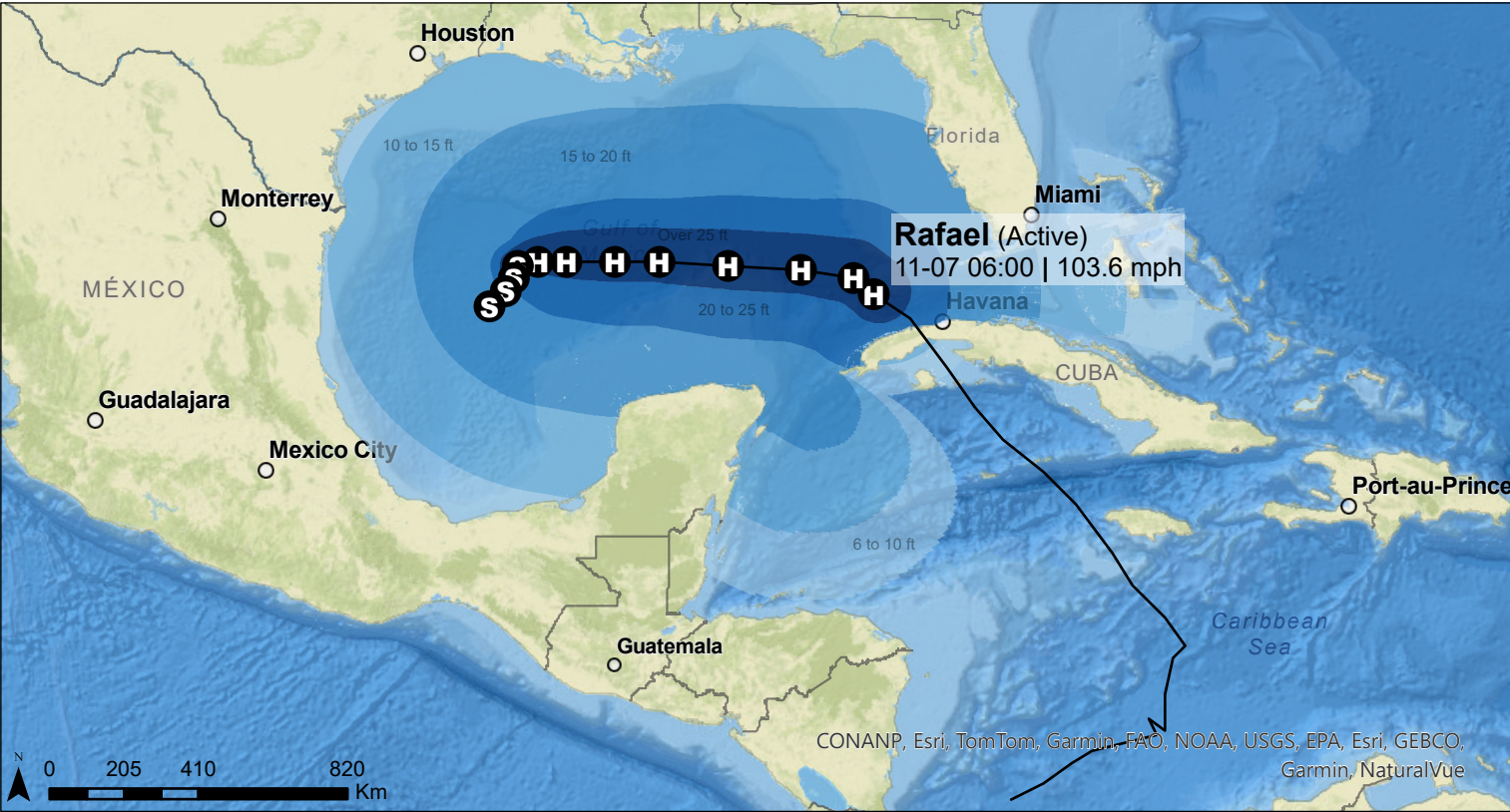
Storm Impact



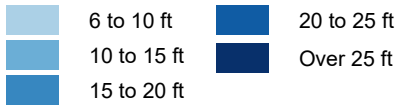
Predicted Storm Impact



Storm Inundation



Wave/Inundation



The maximum predicted wave/inundation for Hurricane Rafael is **over 25 ft.**

Atlantic Ocean



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