

Event Bulletin: Melissa

Global Peril Diagnostic

Hurricane Melissa

This forecast is valid as of 2025-10-31 06:00 UTC.

Hurricane Melissa has maximum sustained wind speeds of **92.1 mph** and is travelling in a North Easterly direction at **23.6 mph**.

Melissa formed at 2025-10-18 12:00 and is forecast to last until 2025-11-04 06:00, with maximum wind speeds projected to reach the equivalent of a **Category 5 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 1 Hurricane	34.4 N, -65.6 W	92.1	North Easterly	23.6

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

Storm Locations

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

Storm Track

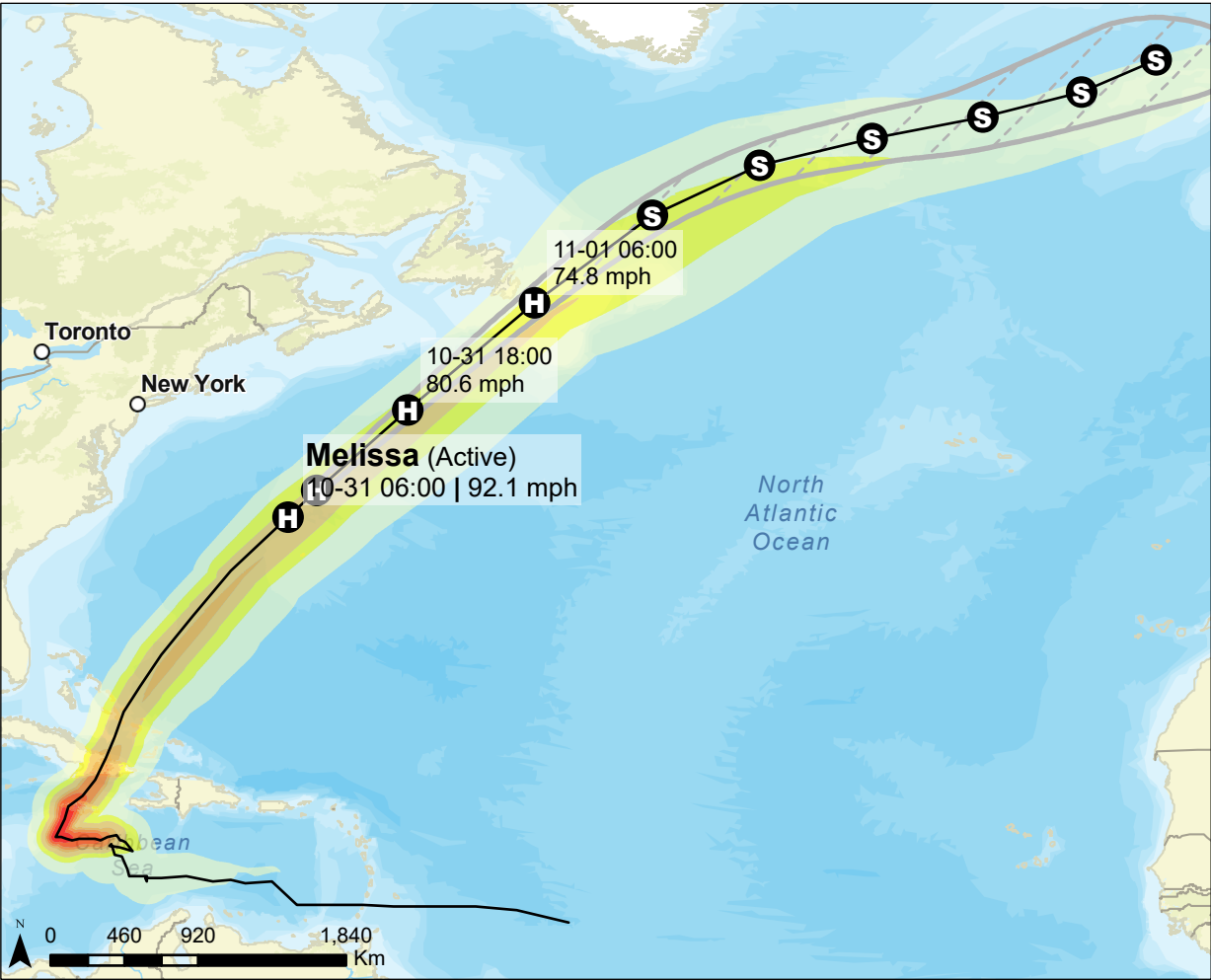


Probability Cone



Wind Categories

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

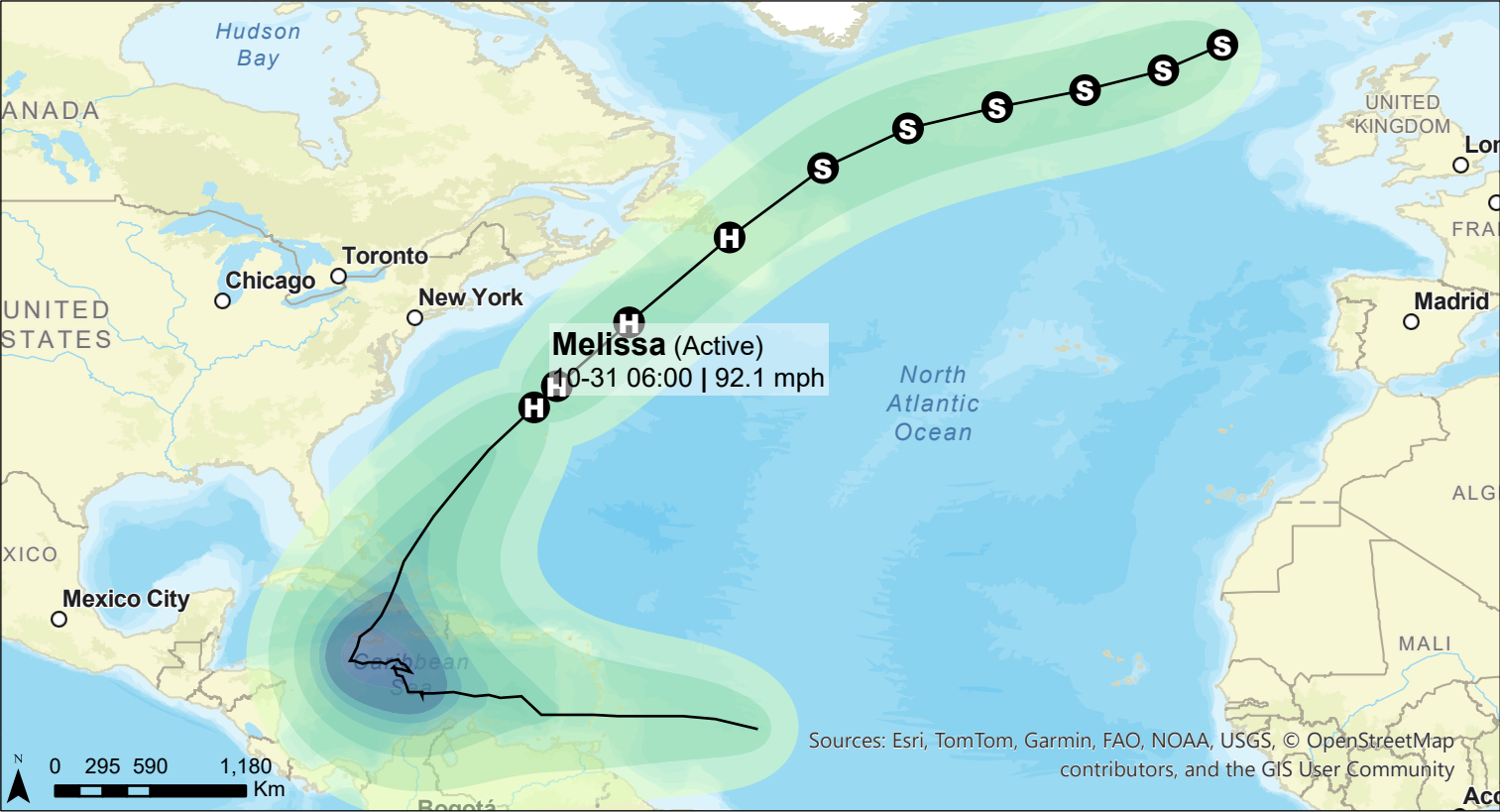


Global Peril Diagnostic continuously tracks ongoing global storms and earthquakes, assessing the potential impact upon your portfolio locations and relaying this real time information within the model.

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



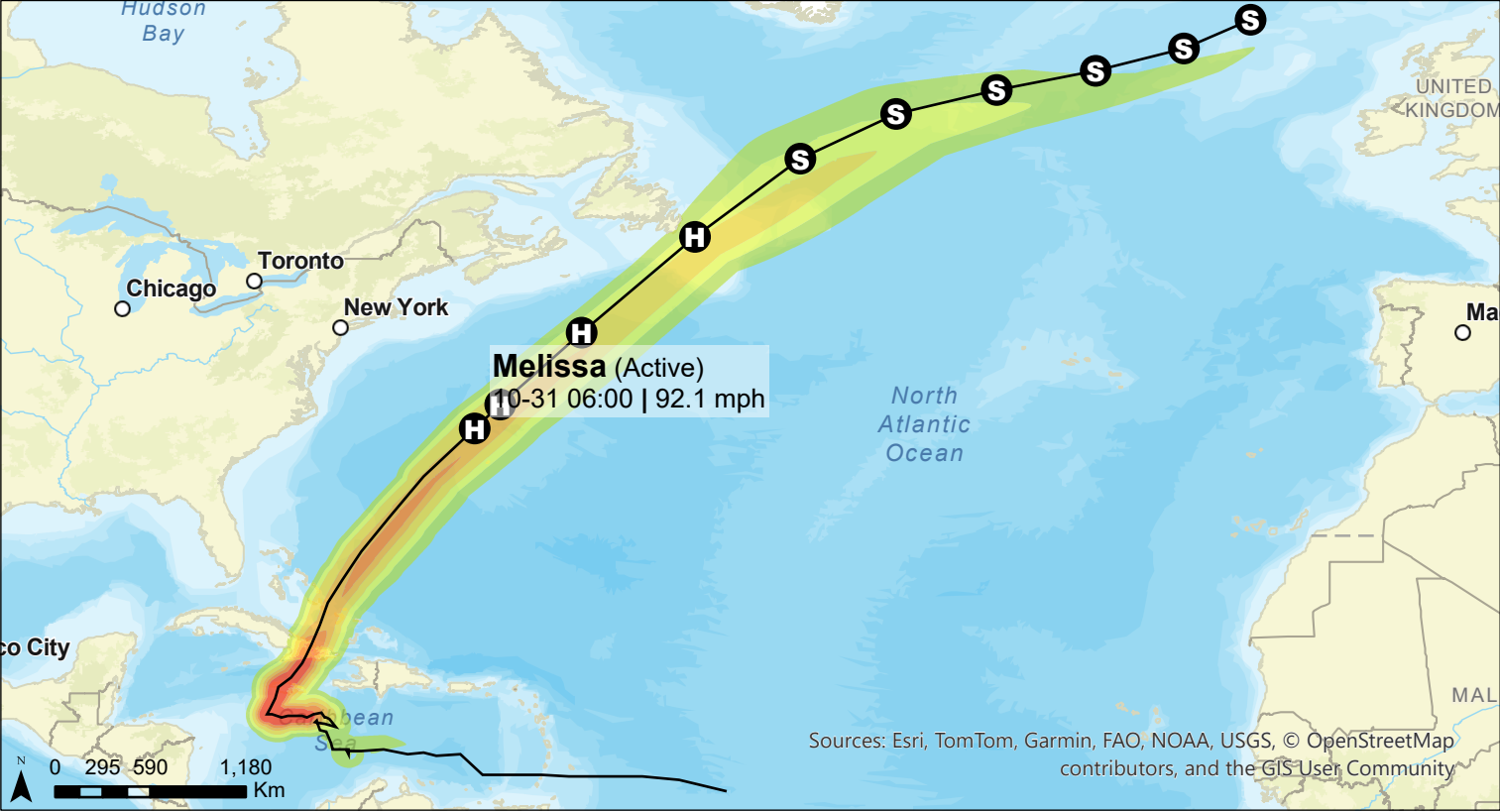
Predicted Rainfall in Inches



The map above shows the maximum predicted rainfall due to Hurricane Melissa. The estimated maximum rainfall is **Over 24 inches**.

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

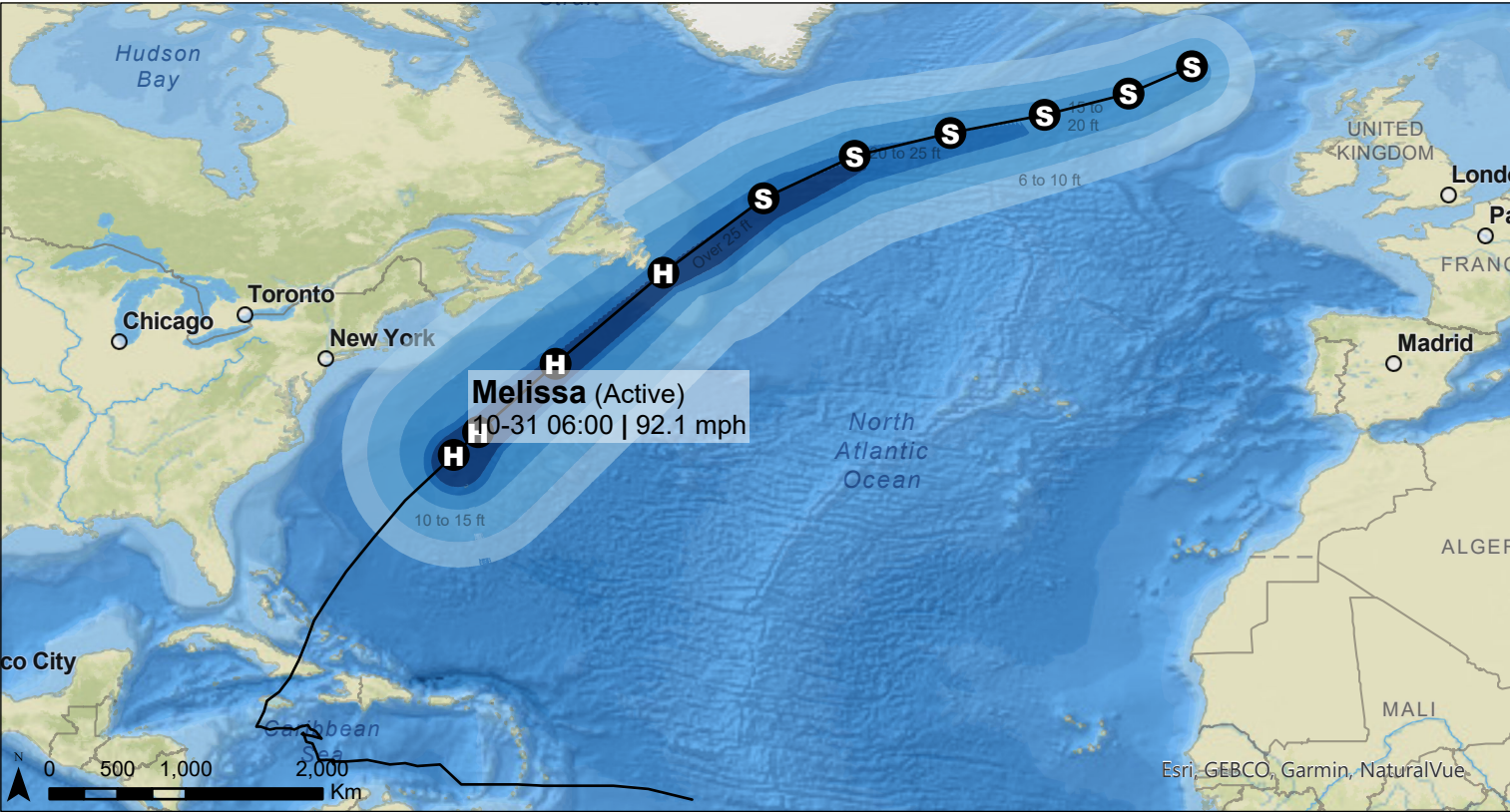
Storm Impact



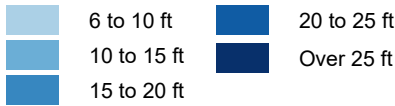
Predicted Storm Impact



Storm Inundation

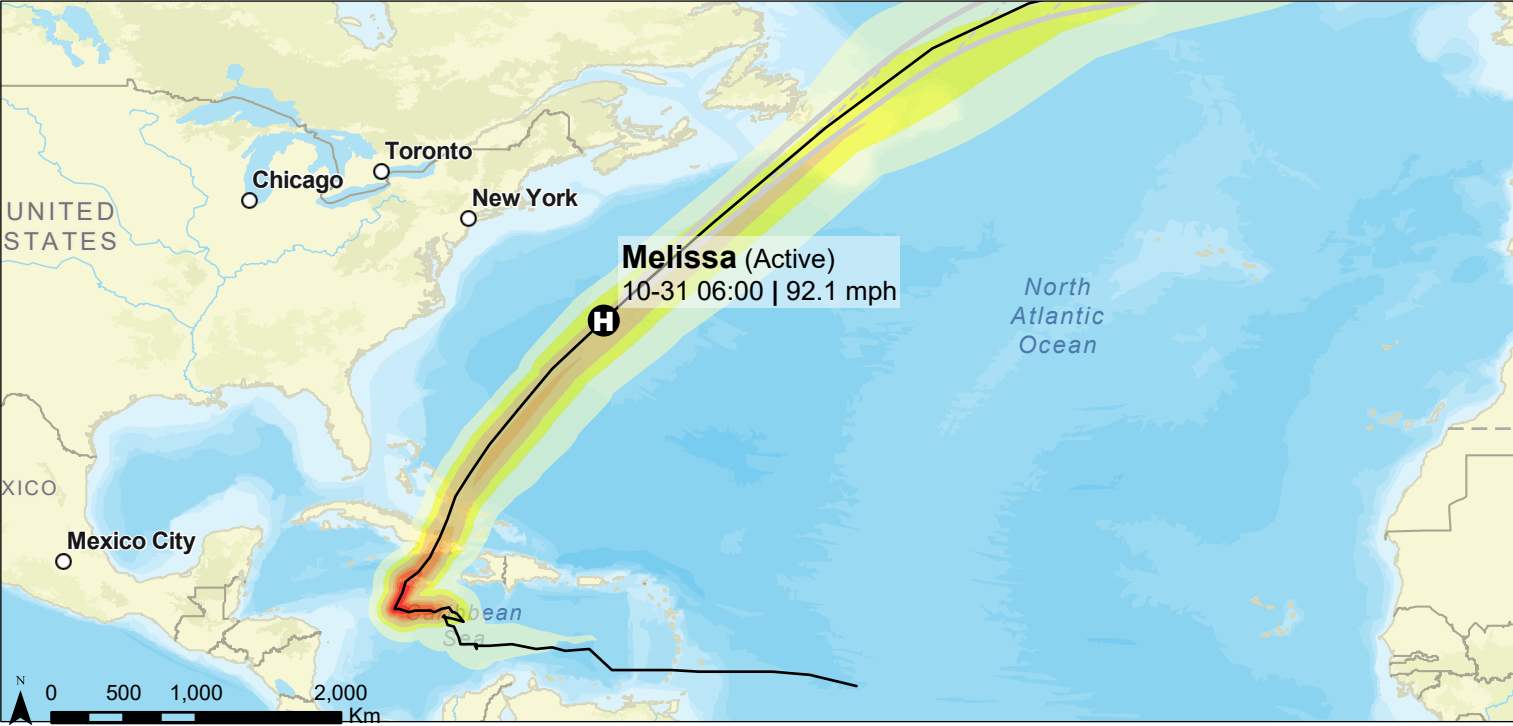


Wave/Inundation



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

Atlantic Ocean



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