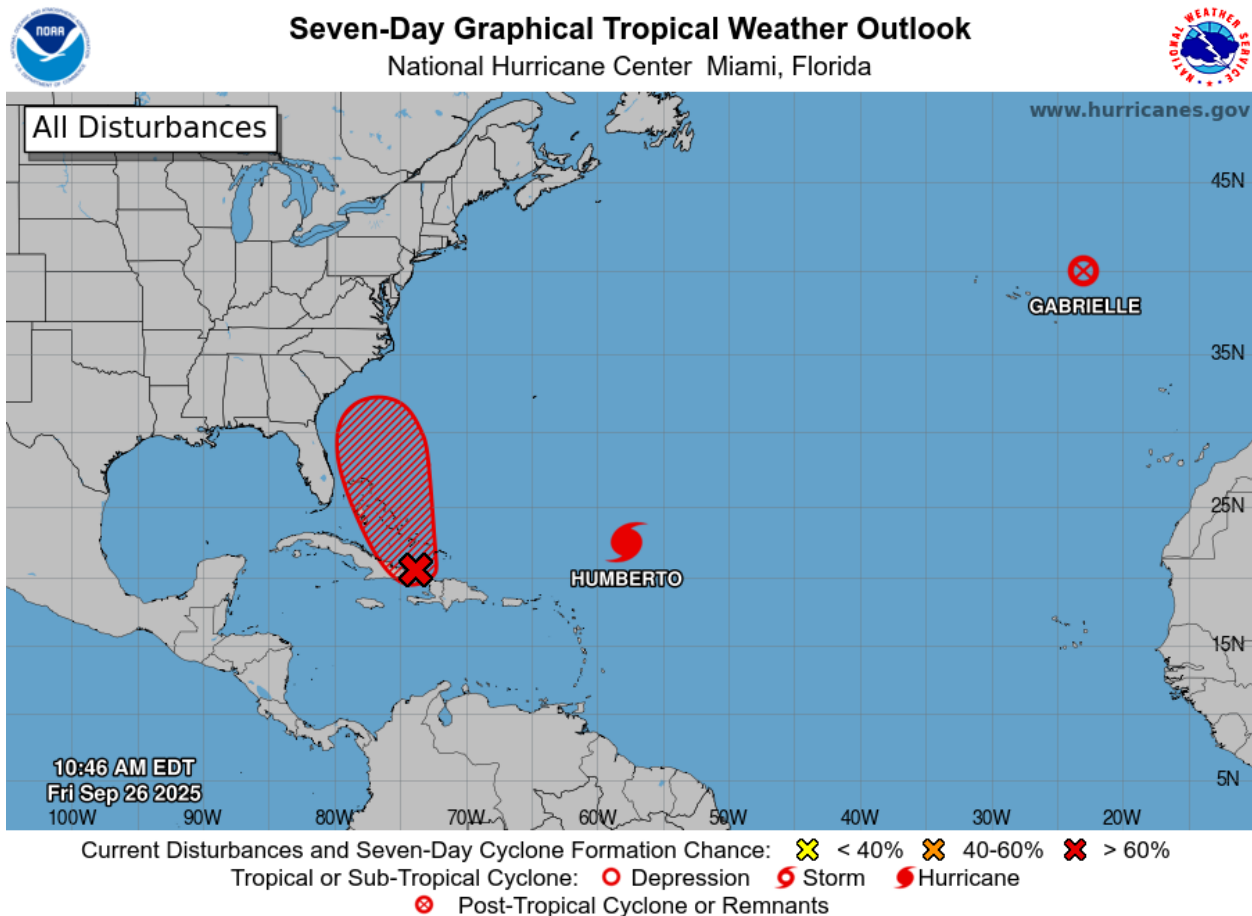


Live Event Report: Future Imelda – Emerging Threat



Tropical Overview for the Atlantic Basin. Note future “Imelda” to the west, with Humberto just east. *Source: NOAA/NHC.*

Updated September 26, 2025

Caribbean Disturbance – Emerging US Landfall Threat

- A tropical disturbance continues to produce heavy rains and gusty winds over Hispaniola and the Turks and Caicos Islands, according to the National Hurricane Center (NHC).
- Over the coming days, this feature will likely intensify as it moves northwestward over the Bahamas and into a favorable environment for development with warm waters and reduced wind shear. The NHC is expecting an 80 percent chance that the feature will develop into Tropical Storm Imelda on Friday or Saturday.
- The track forecast remains a challenge, but current model guidance suggests the storm will move north-northwest parallel to the eastern Florida coastline before making landfall near Georgia or the Carolinas early next week. Note that track uncertainty remains high due to the undeveloped nature of the feature as well as to possible interactions with Hurricane Humberto. Forecast track confidence

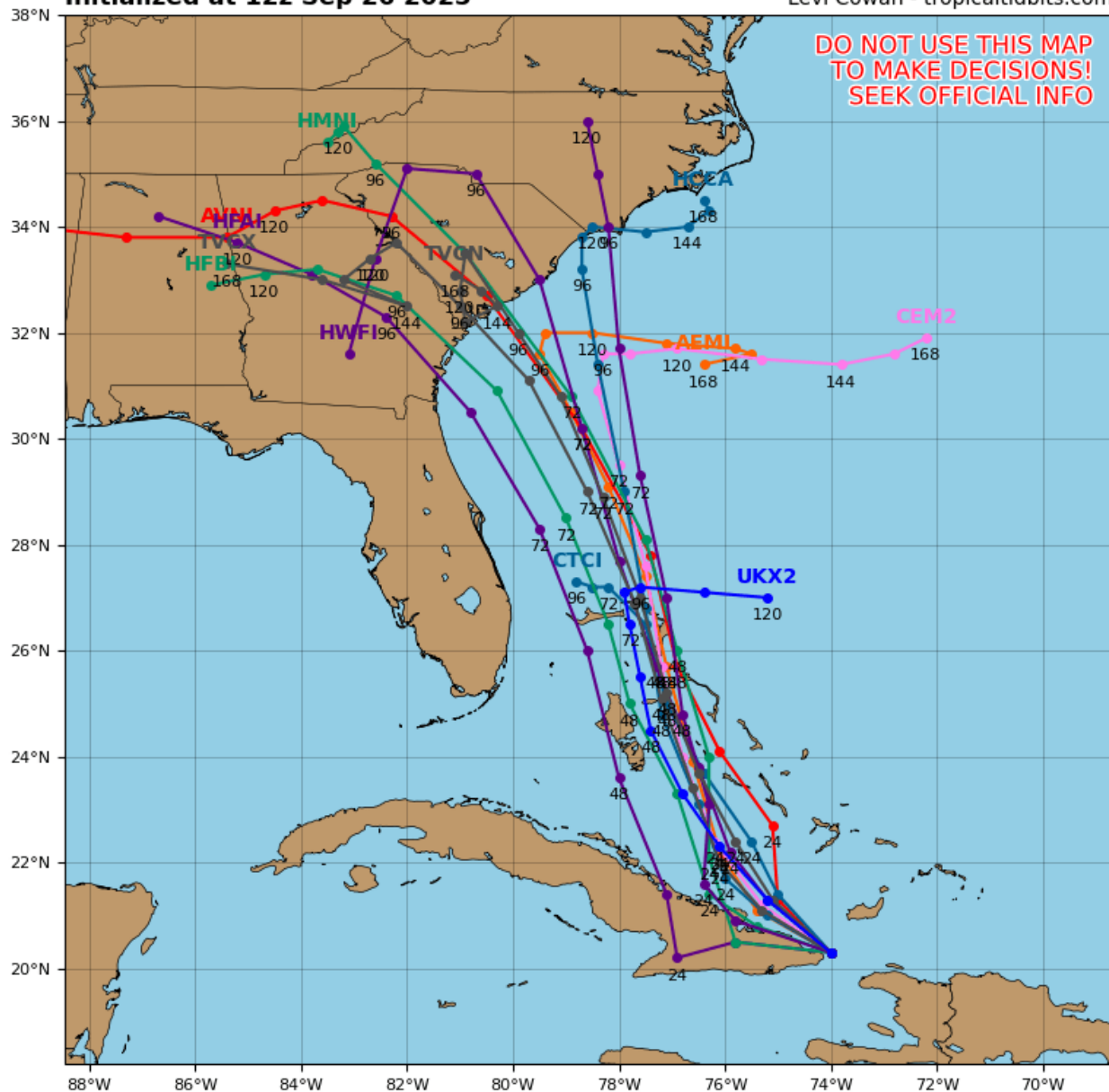
should improve once the feature develops a closed circulation and timing of interaction with Humberto and another weather system advancing across the mainland become clear.

- Concerning intensity, future Imelda should begin to encounter dry air and wind shear over the longer term as it advances toward the Southeast coast, which should limit development. Weather model intensity scenarios indicate that tropical storm intensity is most probable, with a few category-1 scenarios.

Invest 94L Model Track Guidance

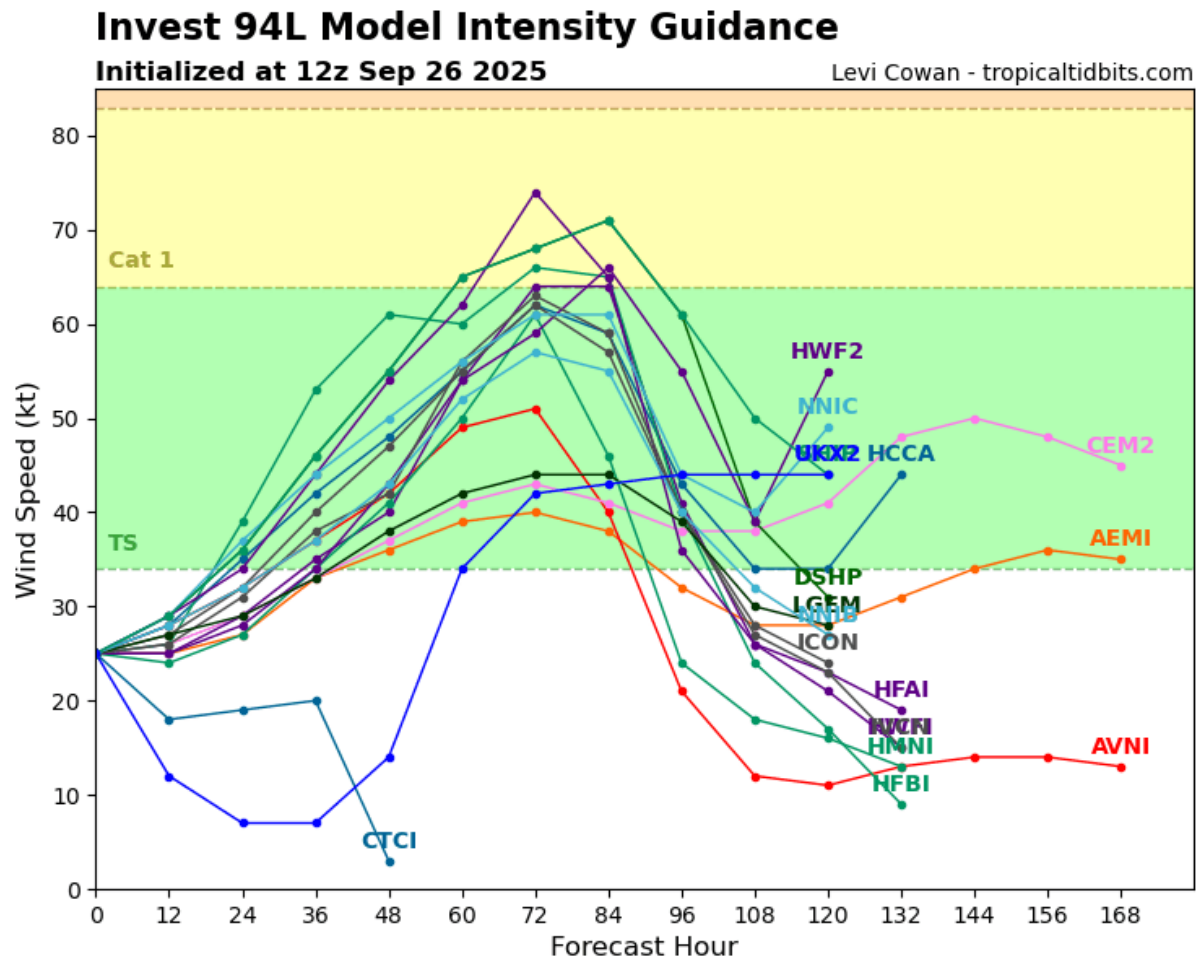
Initialized at 12z Sep 26 2025

Levi Cowan - tropicaltidbits.com



Weather Model Tracks for Caribbean Disturbance (future “Imelda”). Note consolidated landfall scenarios for Southeast US with a few “right-turn” outliers. There is great

uncertainty within each model reflecting low forecast confidence. *Source: TropicalTidbits.com.*



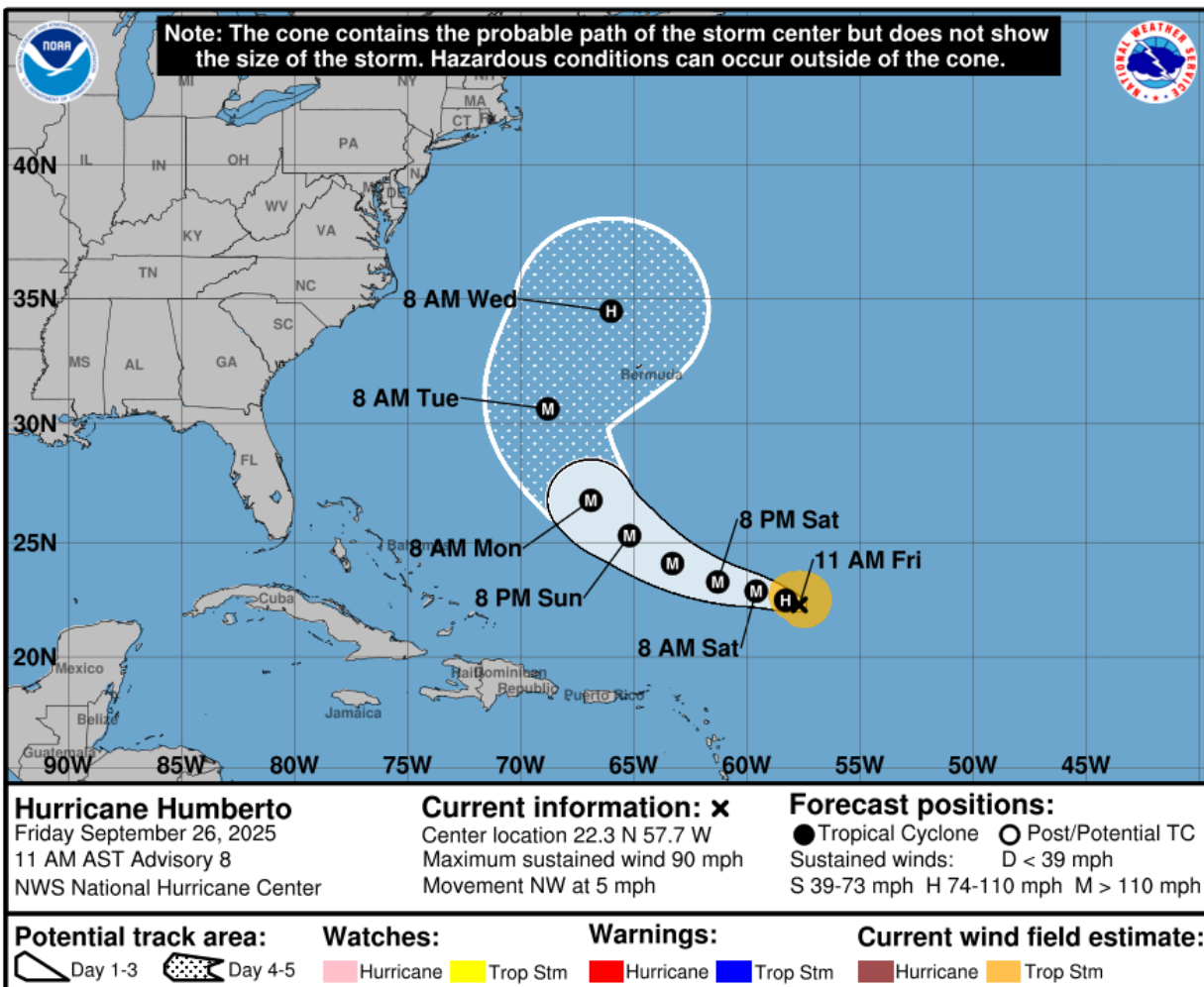
Weather Model Intensity Scenarios for Caribbean Disturbance (future Imelda). Note consolidated view of tropical storm strength near the time of potential landfall, with a few outliers indicating possible category-1 strength. *Source: TropicalTidbits.com.*

Hurricane Humberto

- In the central Atlantic, Hurricane Humberto has strengthened to a maximum wind speed of 90 mph with a northwest motion of 5 mph. Hurricane-force winds extend up to 10 miles outward from the center of the storm.
- Humberto is expected to curve northward and pass along the western side of Bermuda early/mid next week. Current model guidance suggests a low

probability of Humberto making landfall on the US Mainland, although tropical storm conditions are very possible for Bermuda next week.

- If Humberto is close enough to future Imelda, its circulation could alter the track of Imelda, causing it to pull to the right, possibly reducing US impacts. Model guidance suggests that these effects would be limited, but with great uncertainty given the timing and interaction of the features involved.



Position and Best Track for Hurricane Humberto. *Source: NOAA/NHC.*

Another statement on future “Imelda” will be issued by the CAT Resource Center on Monday.

Additional Links of Interest

www.nhc.noaa.gov

www.weather.gov

Statements from emergency management and official forecast agencies supersede this statement and should be closely followed concerning matters of personal safety.