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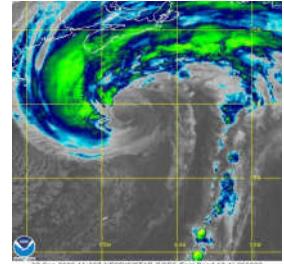
Hurricane Tracking Advisory

WillisRe 

Hurricane Teddy

Information from NHC Advisory 40A, 8:00 AM AST Tue Sep 22, 2020

On the forecast track, the center will move over eastern Nova Scotia on Wednesday, and then near or over Newfoundland by Wednesday night. Maximum sustained winds are near 105 mph (165 km/h) with higher gusts. Although some weakening is likely later today and Wednesday, Teddy should be a strong post-tropical cyclone when it moves near and over Nova Scotia.

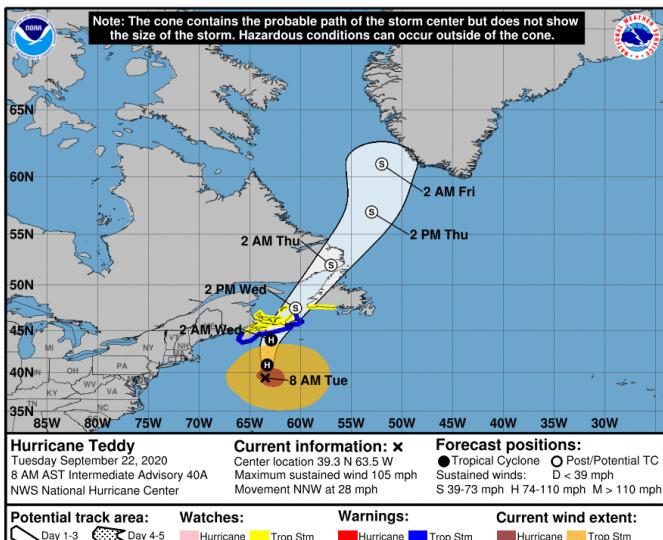


Intensity Measures		Position & Heading		U.S. Landfall (NHC)	
Max Sustained Wind Speed:	105 mph (category 2)	Position Relative to Land:	365 mi S of Halifax Nova Scotia	Est. Time & Region:	n/a
Min Central Pressure:	950 mb	Coordinates:	39.3 N, 63.5 W		
Trop. Storm Force Winds Extent:	400 miles	Bearing-Speed:	NNW or 335 degrees at 28 mph	Est. Max Sustained Wind Speed:	n/a

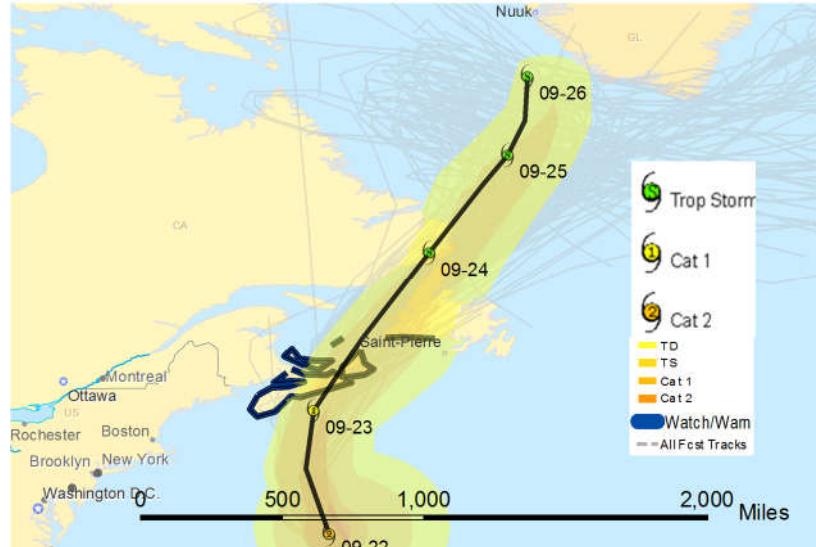
Forecast Summary

- Tropical storm conditions are expected to begin in the warning area by this afternoon. Tropical storm conditions could begin in the watch areas late today or early Wednesday.
- Large swells generated by Teddy are affecting Bermuda, the Lesser Antilles, the Greater Antilles, the Bahamas, the east coast of the United States, and Atlantic Canada. These swells are likely to cause life-threatening surf and rip current conditions. A dangerous storm surge is expected to produce significant coastal flooding near and to the east of where the center makes landfall in Nova Scotia. Near the coast, the surge will be accompanied by very large and destructive waves.
- Through Thursday, Teddy is expected to produce rainfall accumulations of 2 to 4 inches (50 to 100 mm) with isolated totals of 6 inches (150 mm) across sections of Atlantic Canada.

Forecast Track for Hurricane Teddy



Forecast Wind-field for Hurricane Teddy



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Hazard and damage potential maps produced by Willis are based on numerical modeling results from Kinetic Analysis Corporation.

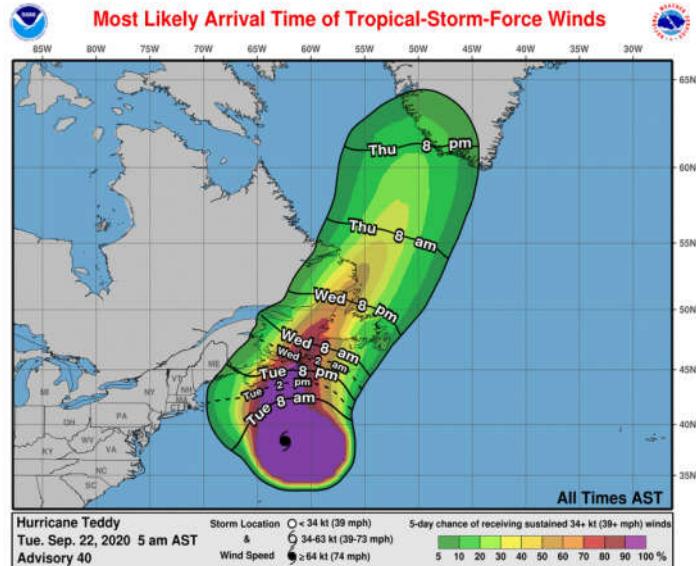
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Coastal Watches and Warnings

A **Tropical Storm Warning** – meaning that tropical storm conditions are expected within the warning area - is in effect for South coast of Nova Scotia from Digby to Meat Cove. A **Tropical Storm Watch** - meaning that tropical storm conditions are possible within the watch area - is in effect for Meat Cove to Tidnish Nova Scotia, North of Digby to Fort Lawrence Nova Scotia, Magdalen Islands Quebec, Port aux Basques to Francois Newfoundland, Prince Edward Island.

Wind Speed Probabilities and Most Likely Arrival Time of Tropical Storm Force Winds

The graphic at lower left shows **Tropical-Storm-Force Wind Speed Probabilities** through 2 AM AST Sunday September 27. It shows probabilities of sustained (1-minute average) surface wind speeds equal to or exceeding 34 kt (39 mph). These wind speed probabilities are based on the official National Hurricane Center (NHC) track, intensity, and wind radii forecasts, and on NHC forecast error statistics for those forecast variables during recent years. The graphic at lower right shows the **Most-Likely Arrival Time of Tropical Storm Force Winds** - the time before or after which the onset of tropical-storm-force winds is equally likely.



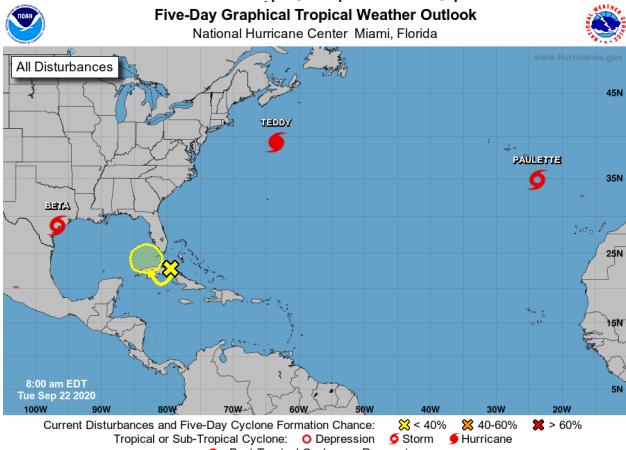
New Tropical Cyclone Potential and Average Remaining Risk

Five Day Tropical Weather Outlook

Showers and thunderstorms extending from the southeastern Bahamas westward through Cuba and into the southeastern Gulf of Mexico are associated with a cold front. This system is forecast to move slowly southward during the next couple of days, and then move back northward on Thursday through Saturday. Development, if any, over the southeastern Gulf of Mexico late this week is expected to be slow to occur. Regardless of development, locally heavy rainfall is possible over portions of Cuba on Tuesday and Wednesday and over the Florida Keys and south Florida on Thursday and Friday.

* Formation chance through 48 hours...low...near 0 percent.

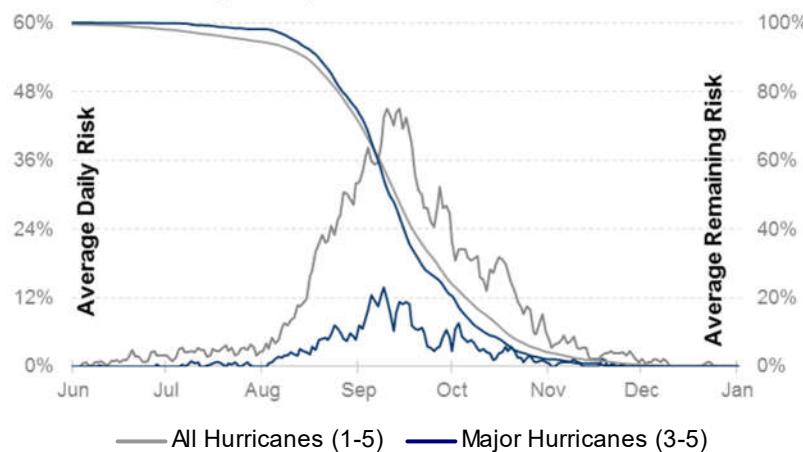
* Formation chance through 5 days...low...10 percent.



Average Risk Remaining in the 2020 Atlantic Hurricane Season

Atlantic hurricane activity and major hurricane activity (categories 3-5) both peak in September, as the graph below illustrates. The average remaining percentage of days with Atlantic hurricane activity at September 22 is nearly 33% for all hurricanes and nearly 27% for major hurricanes.

Percentage of Days with Active Hurricanes since 1900



Contact us

Roy Cloutier
roy.cloutier@willistowerswatson.com

Mahesh Shinde
Mahesh.Shinde@willistowerswatson.com

Prescott Bishop
Prescott.Bishop@willistowerswatson.com