

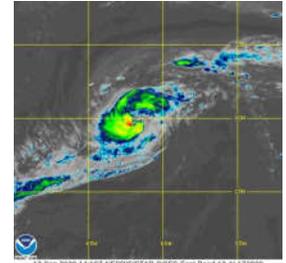
eVENT Hurricane Tracking Advisory

Willis Re 

Hurricane Paulette

Information from NHC Advisory 27, 11:00 AM AST Sun Sep 13, 2020

On the forecast track, the center of Paulette will move near or over Bermuda Monday morning. Maximum sustained winds are near 80 mph (130 km/h) with higher gusts. Strengthening is forecast, and Paulette is expected to be a dangerous hurricane when it approaches Bermuda late tonight and early Monday.

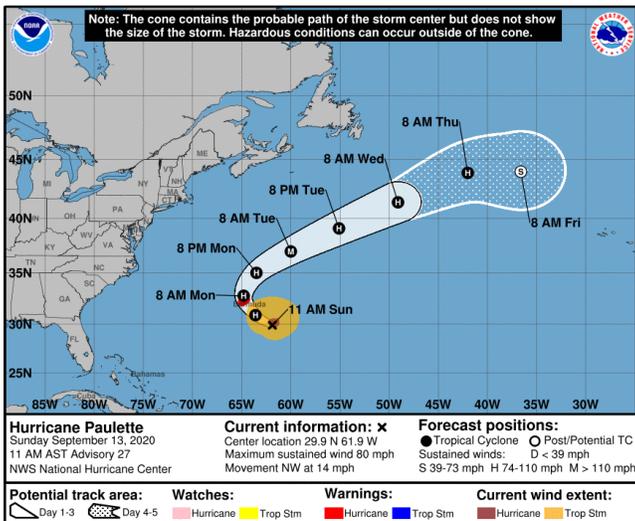


Intensity Measures		Position & Heading		U.S. Landfall (NHC)	
Max Sustained Wind Speed:	80 mph (category 1)	Position Relative to Land:	240 mi SE of Bermuda	Est. Time & Region:	n/a
Min Central Pressure:	976 mb	Coordinates:	29.9 N, 61.9 W		
Trop. Storm Force Winds Extent:	195 miles	Bearing/Speed:	NW or 305 degrees at 14 mph	Est. Max Sustained Wind Speed:	n/a

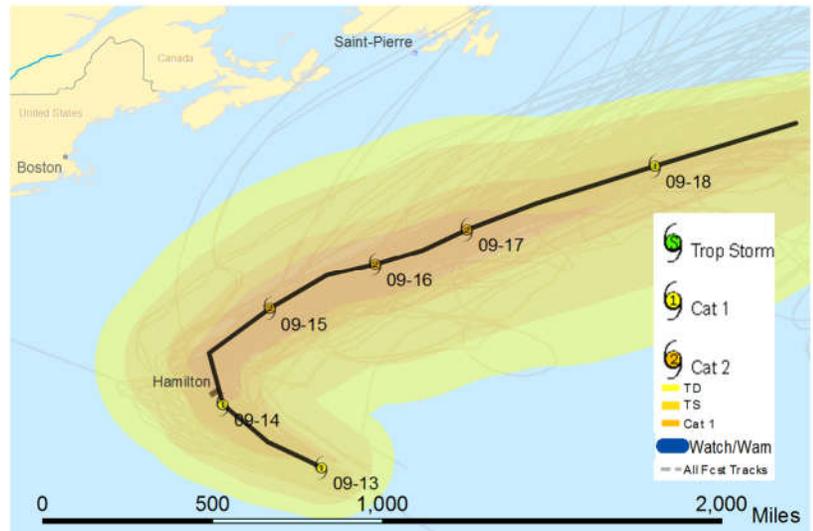
Forecast Summary

- The NHC forecast map (below left) and the wind-field map (below right), which is based on the NHC's forecast track, both show Paulette moving near or over Bermuda Monday morning. To illustrate the uncertainty in Paulette's forecast track, forecast tracks for all current models are shown on the wind-field map in pale gray.
- Hurricane conditions are expected to reach Bermuda by tonight or early Monday. Winds are expected to first reach tropical storm strength this afternoon or evening, making outside preparations difficult or dangerous. Preparations to protect life and property should be rushed to completion.
- A dangerous storm surge is expected to produce significant coastal flooding on Bermuda in areas of onshore winds. Near the coast, the surge will be accompanied by large and destructive waves. Swells generated by Paulette are affecting portions of the Leeward Islands, the Greater Antilles, the Bahamas, Bermuda, and the east coast of the United States. These swells are likely to cause life-threatening surf and rip current conditions.
- Paulette will bring periods of heavy rain to Bermuda through Monday, with rainfall of 3 to 6 inches expected.

Forecast Track for Hurricane Paulette



Forecast Wind-field for Hurricane Paulette



© Copyright 2020 Willis Limited / Willis Re Inc. All rights reserved. No part of this publication may be reproduced, disseminated, distributed, stored in a retrieval system, transmitted or otherwise transferred in any form or by any means, whether electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of Willis Limited / Willis Re Inc. Some information contained in this document may be compiled from third party sources and Willis Towers Watson (as defined below) does not guarantee and is not responsible for the accuracy of such. This document is for general information only and is not intended to be relied upon. Any action based on or in connection with anything contained herein should be taken only after obtaining specific advice from independent professional advisors of your choice. The views expressed in this document are not necessarily those of Willis Limited / Willis Re Inc., its parent companies, sister companies, subsidiaries or affiliates, Willis Towers Watson PLC and all member companies thereof (hereinafter collectively, "Willis Towers Watson"). Willis Towers Watson is not responsible for the accuracy or completeness of the contents herein and expressly disclaims any responsibility or liability, based on any legal theory, for damages in any form or amount, based upon, arising from or in connection with the reader's application of any of the contents herein to any analysis or other matter, or for any results or conclusions based upon, arising from or in connection with the contents herein, nor do the contents herein guarantee, and should not be construed to guarantee, any particular result or outcome. Willis Towers Watson accepts no responsibility for the content or quality of any third party websites that are referenced.

Kinetic Analysis Corporation's (KAC) real-time hazard and impact forecast information is provided "as is" and without warranties as to performance or any other warranties whether expressed or implied. The user is strongly cautioned to recognize that natural hazards modeling and analysis are subject to many uncertainties. These uncertainties include, but are not limited to, the uncertainties inherent in weather and climate, incomplete or inaccurate weather data, changes to the natural and built environment, limited historical records, and limitations in the state of the art of modeling, as well as limits to the scientific understanding of storm weather phenomena. Anyone making use of the hazard and impact information provided by KAC, or the information contained within, assumes all liability deriving from such use, and agrees to "hold harmless" any and all agencies or individuals associated with its creation. The user agrees to provide any subsequent users of this data with this disclaimer. The publication of the material contained herein is not intended as a representation or warranty that this information is suitable for any general or particular use.

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

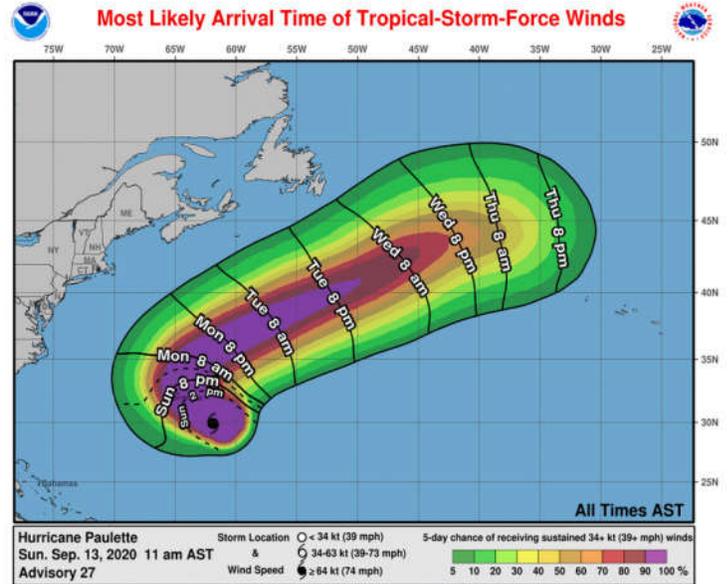
KINETIC
ANALYSIS
CORPORATION

Coastal Watches and Warnings

A Hurricane Warning – meaning that hurricane conditions are expected somewhere within the warning area - is in effect for Bermuda.

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 Friday September 18. 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

* Formation chance through 48 hours:

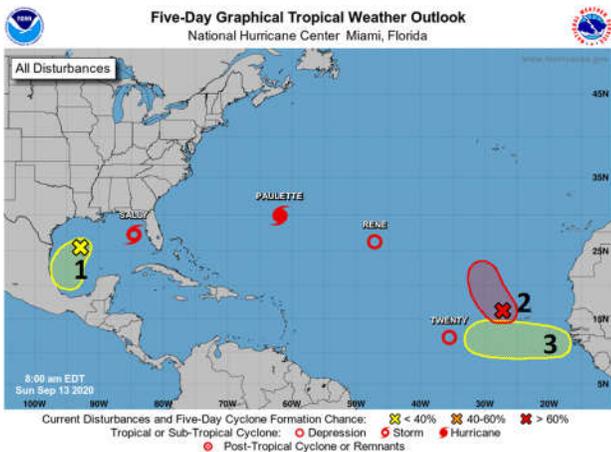
- 1... low...10 percent
- 2... high...70 percent
- 3... low... near 0 percent

* Formation chance through 5 days:

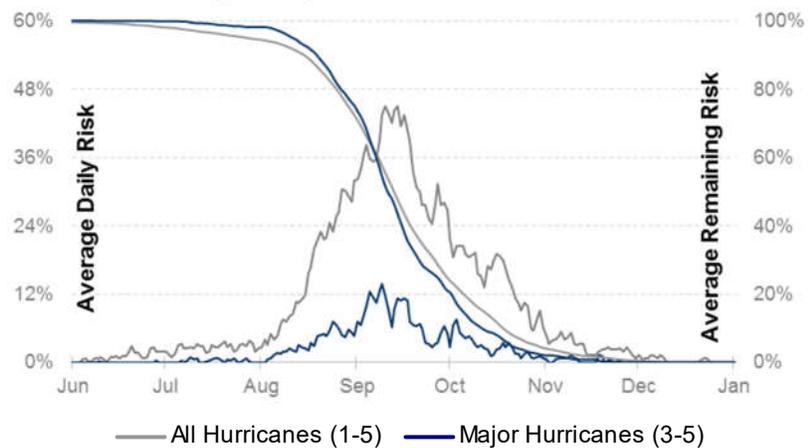
- 1... low...20 percent
- 2... high...70 percent
- 3... low...20 percent

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 13 is nearly 48% for all hurricanes and nearly 43% 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