

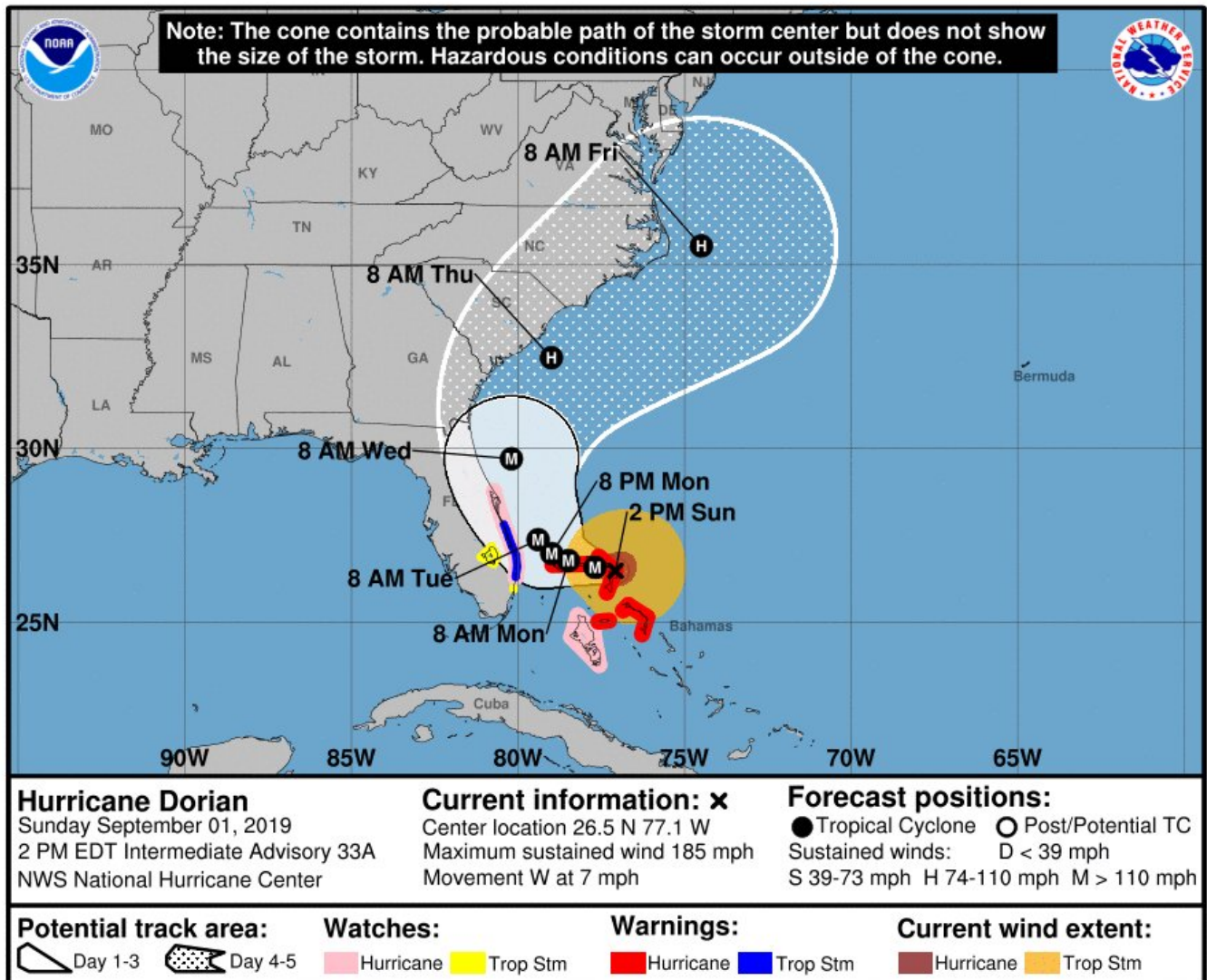


Hurricane Dorian

Recently the Hurricane Dorian became the strongest storm in modern records to hit the northwestern Bahamas (a country in the Caribbean Islands).

Hurricane Dorian

- It is an extremely powerful tropical cyclone currently affecting the Bahamas and threatening the Southeastern United States.
- It is developed from a tropical wave in the Central Atlantic.
- It is categorised as a **Category 5 storm on Saffir-Simpson hurricane wind scale (SSHWS)** with maximum sustained winds of 285 km per hour.



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Hurricanes

- A Hurricane is a **tropical cyclone** that occurs in the Atlantic Ocean and the northeastern Pacific Ocean.
- These are formed over the warm ocean waters near the equator.
- Hurricanes typically form between 5 to 15 degrees latitude north and south of the equator.
- Hurricanes are known to be one of nature's most destructive storms as they bring heavy rains, deadly waves and fierce winds.

Saffir-Simpson Hurricane Wind Scale

- The Saffir-Simpson Hurricane Wind Scale is a 1 to 5 rating based on a hurricane's sustained wind speed. This scale estimates potential property damage.

Category	Sustained Winds	Types of Damage Due to Hurricane Winds
1	119-153 km/h	Very dangerous winds will produce some damage
2	154-177 km/h	Extremely dangerous winds will cause extensive damage
3 (major)	178-208 km/h	Devastating damage will occur
4 (major)	209-251 km/h	Catastrophic damage will occur
5 (major)	252 km/h or higher	Catastrophic damage will occur

[Source: TH](#)

PDF Reference URL: <https://www.drishtias.com/printpdf/hurricane-dorian>