



Factsheet Hurricane Warning System The Netherlands Caribbean

Storms

The official hurricane season for the North Atlantic Ocean & Caribbean Sea starts on the 1st of June and ends by the 30th of November. In general the highest storm activity is registered during the months of August, September and October. For 2017 the following names are given to the storms:

Arlene	Emily	Irma	Maria	Rina	Whitney
Bret	Franklin	Jose	Nate	Sean	
Cindy	Gert	Katia	Ophelia	Tammy	
Don	Harvey	Lee	Philippe	Vince	

OAA's 2017 Atlantic Hurricane Season Outlook indicates that an above-normal hurricane season is most likely. This means that for the North Atlantic area during this season 14-19 named storms are expected (including Arlene earlier this year), of which 5-9 will become hurricanes. Of these 2-5 will become a major hurricane. Please see as well:

<http://www.cpc.ncep.noaa.gov/products/outlooks/hurricane.shtml>

Color Coded Warning System

The KNMI warning system consists of six (6) color coded warning phases indicating the severity of the conditions and time left before a (potential) storm reaches the community.

Phase	Definition:
	No threat
Information --- <i>Be Alert!</i> ---	A Storm or Tropical Cyclone might threaten the community within 48 tot 72 hours
Watch --- <i>Prepare Yourself!</i> ---	Storm or Tropical Cyclone conditions might threaten the community within 48 hours
Advisory --- <i>Carefull!</i> ---	Heavy rainfall and or rough sea conditions are expected. No Tropical Storm or hurricane is expected
Warning --- <i>Protect Yourself!</i> ---	Storm or Tropical Cyclone conditions expected within the next 36 hours
Strike --- <i>Seek Cover!</i> ---	Storm or Tropical Cyclone conditions expected within 6 to 9 hours

During the Information phase (Yellow Phase) KNMI will provide 2 times per day a *Tropical Cyclone Bulletin (TCB)*. During the phases from "Watch" to "Strike" (Orange to Purple) this number increases to 4 times per day to provide the latest available information. These phases and the TCB will be initiated by KNMI in coordination with the National Hurricane Center (NHC). A *TCB* describes the warning, expected Wind, Rainfall and Maritime conditions. The TCB will be in the English language. See the example on the next pages.

Important information websites

KNMI expectations and warnings: www.knmidc.org

NOAA National Hurricane Center: www.nhc.noaa.gov



Example Tropical Cyclone Bulletin

TROPICAL CYCLONE BULLETIN NO. 3

WARNING MESSAGE NO. 2

Date: August 23, 2015 Time: 5:00 PM

Watches/warnings: A tropical storm warning continues to be in effect for St. Eustatius and Saba until further notice.

Effect on local conditions:

Winds: Later tonight, the wind direction will shift gradually to the northeast and the wind speed will increase with time. It will strengthen to tropical storm force (34 to 40 kt). Winds will weaken during Monday evening and early Tuesday.

Seas: Today, waves will build gradually further in easterly swells along mainly the east facing coastal areas. On early Monday morning, the local seas will become fairly rough (8 to 12 feet).

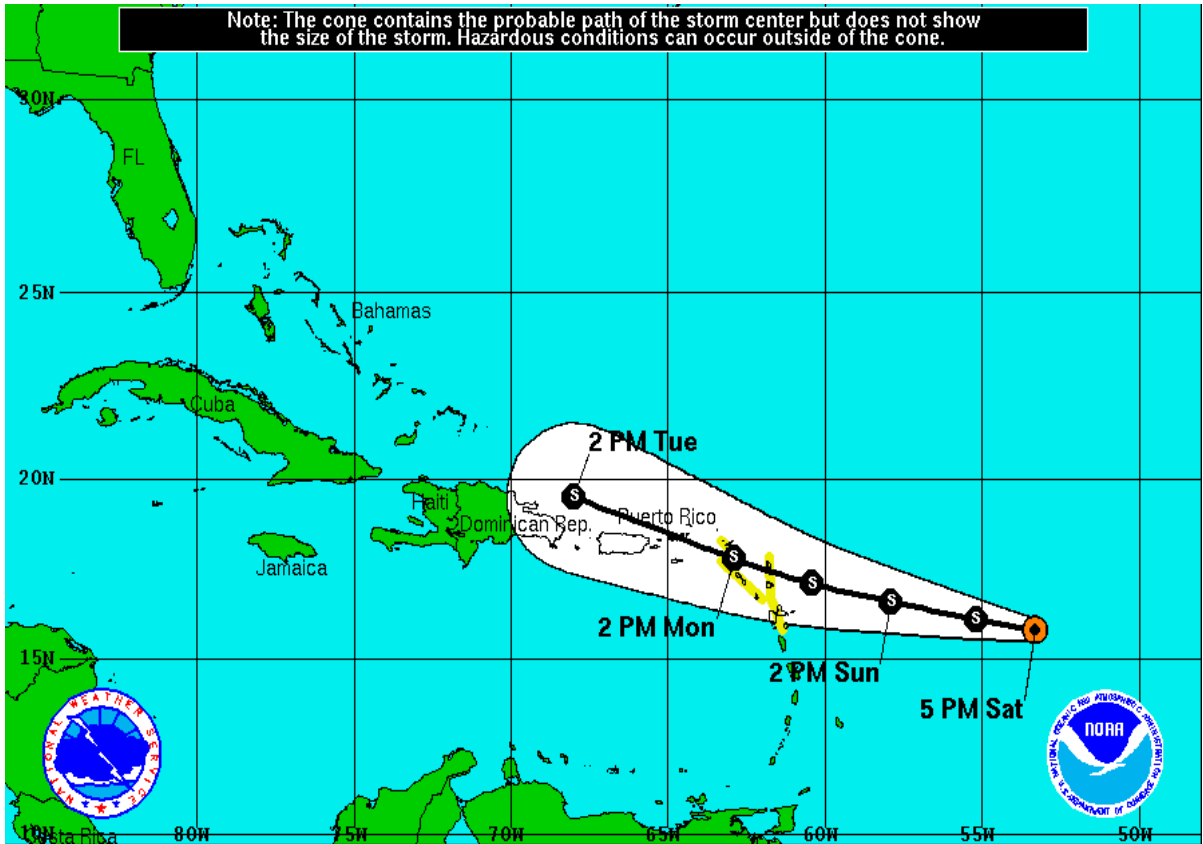
Rainfall: The associated rains are expected to start late tonight or early Monday morning and should continue during the day through early Monday evening. A few heavy showers could occur at times with risk of thunder. Expected rainfall amounts generally between 1 and 2 inches.

Local authorities and residents of St. Eustatius and Saba are advised to continue monitoring the further progress of this weather system and to take all necessary measures to safeguard life and property.

Center's latest and forecast positions:

DATE/TIME	POSITION	INTENSITY	LOCATION
Sunday, August 23, 5:00 PM	15.6N 59.0W	Tropical storm	295 miles SE of St. Eustatius
Monday, August 24, 8:00 AM	16.0N 62.1W	Tropical storm	120 miles SE of St. Eustatius
Monday, August 24, 8:00 PM	16.4N 64.7W	Tropical depression	135 miles SW of Saba

Next bulletin: Monday, August 23 2015, 11:00 PM



Hurricane Danny Saturday August 22, 2015 5 PM EDT Advisory 18 NWS National Hurricane Center	Current Information: ● Center Location 15.8 N 53.3 W Max Sustained Wind 75 mph Movement WNW at 14 mph	Forecast Positions: ● Tropical Cyclone ○ Post-Tropical Sustained Winds: D < 39 mph S 39-73 mph H 74-110 mph M > 110mph
Potential Track Area: Day 1-3	Watches: Hurricane Trop.Storm	Warnings: Hurricane Trop.Storm