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# Heat Outlook for October to November 2017

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## Frequent excessive heat

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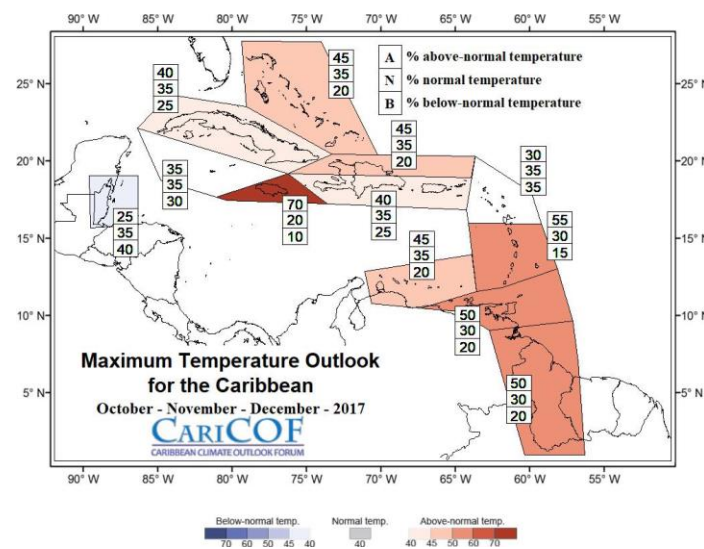
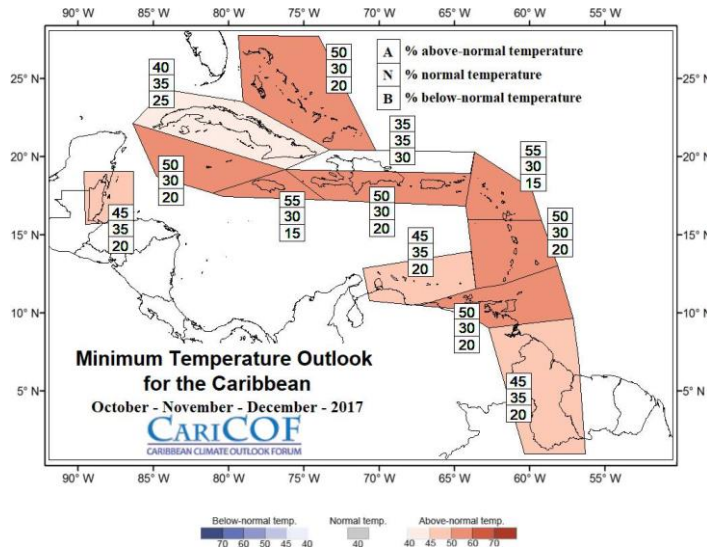
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# How hot will the next three to six months be?

## Night time

## Day time



Milder

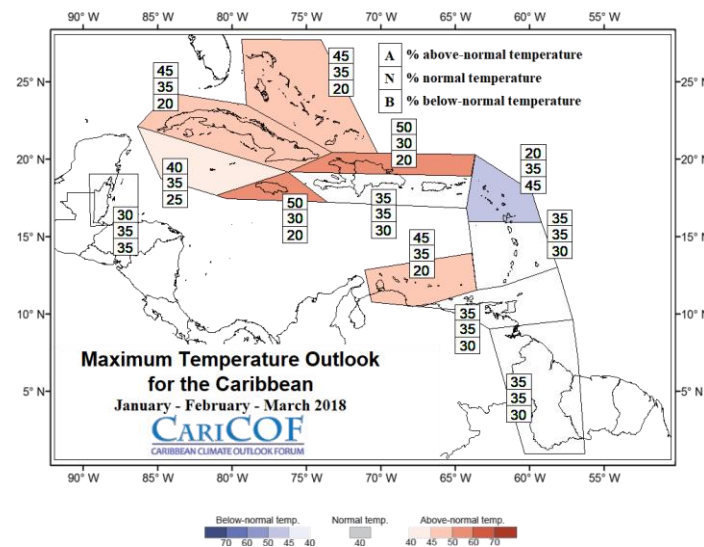
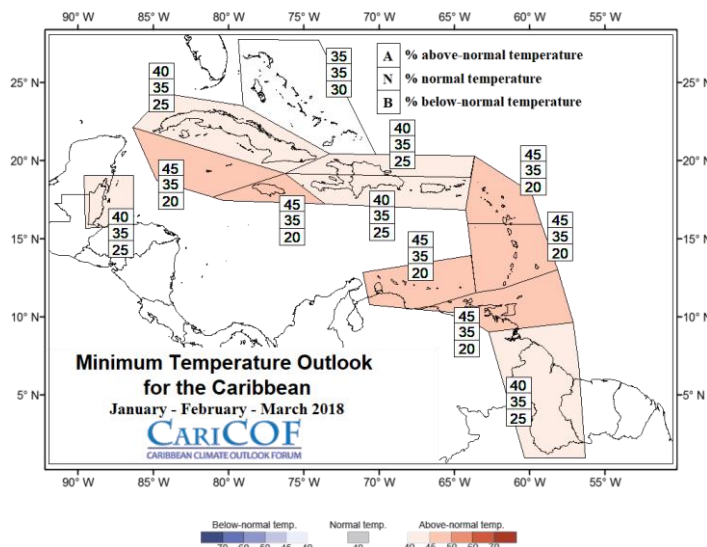
Usual

Hotter

Milder

Usual

Hotter



## FORECAST:

- 1) temperatures from October to March during the night and, in many places, the day likely warmer than usual.
- 2) Initially still hot in October.

## IMPLICATIONS:

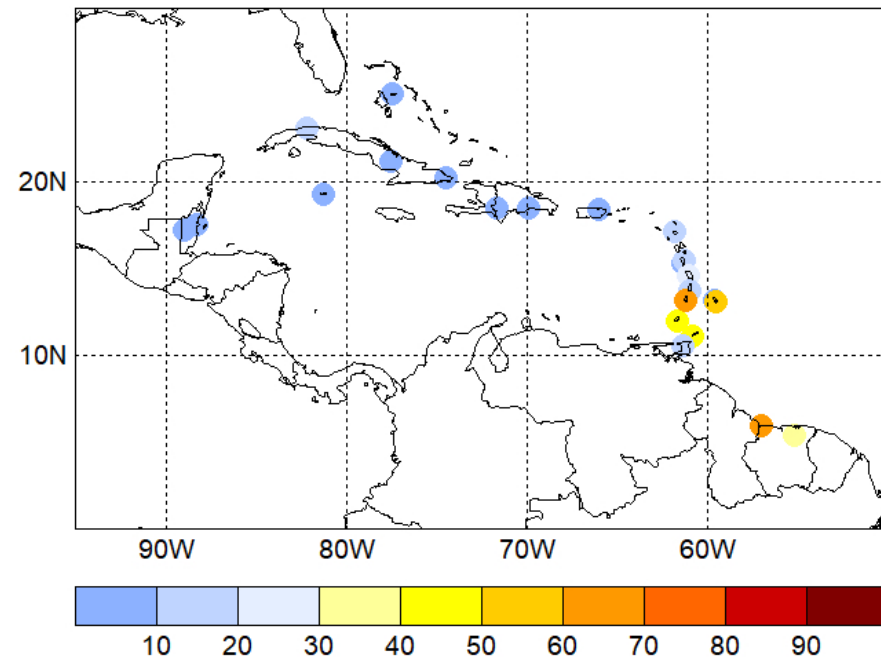
- Elevated heat stress until end of October in the vulnerable population & small livestock.
- Somewhat increased cooling need until November compared to most years.

Oct-Nov-Dec 2017

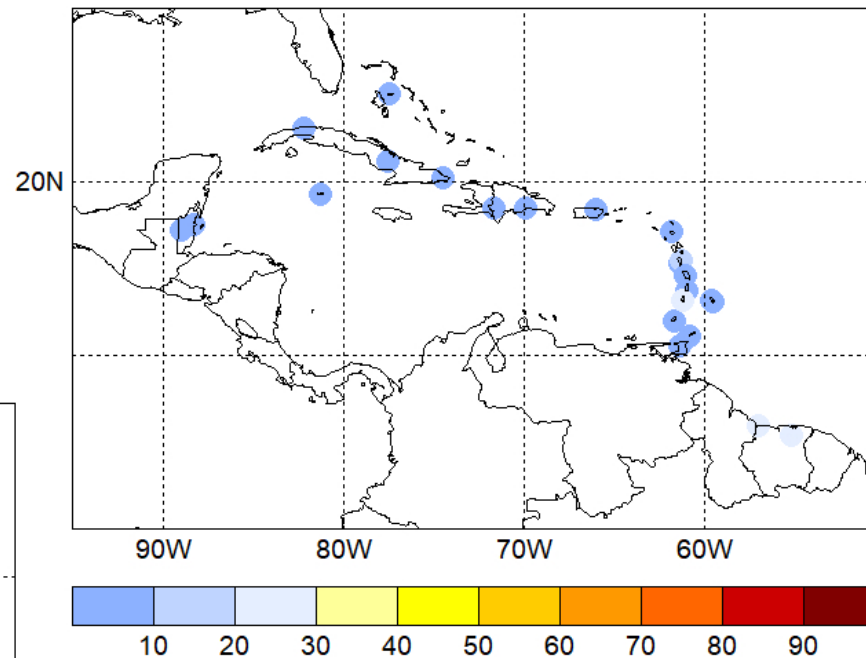
Jan-Feb-Mar 2018

# What's the chance of having at least ... heatwave days from October to November 2017?

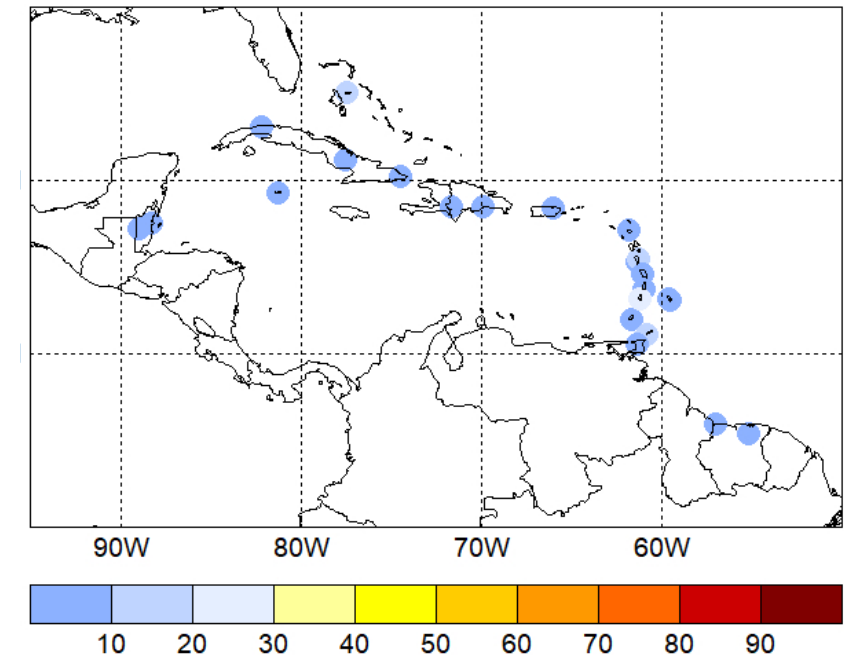
Prob. at least 14 heatwave days between Oct & Nov



Prob. at least 30 heatwave days between Oct & Nov



Prob. at least 60 heatwave days between Oct & Nov



## FORECAST:

- 30-60% chance for at least 14 heatwave days in some places from St. Vincent and Barbados southward.
- There is virtually no chance that 30 or more heatwave days will occur by the end of November.

# How many heatwave days from October to November 2017?

## **USUALLY:**

- 1) A couple of heatwave days are counted in most locations between October and November, but the southernmost Lesser Antilles islands and the coastal Guianas usually experience more heatwave days late in the season.
- 2) Most heatwave days tend to occur before the end of October, coinciding with high humidity.

## **FORECAST:**

**A significant number of heatwave days are forecast for Oct-Nov 2017 from St. Vincent and Barbados southwards. Some locations may experience heatwaves 25% of days.**

## **IMPLICATIONS:**

- **Heat stress from heatwaves remains a concern until the end of October, especially in the southernmost islands and in the Guianas.**
- **Discomfort (due to a combination of very warm temperatures and high humidity) will gradually subside after October, when temperatures are expected to decrease.**