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Heat Outlook for August 2018 to January 2019

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Less excessive heat than in most recent years

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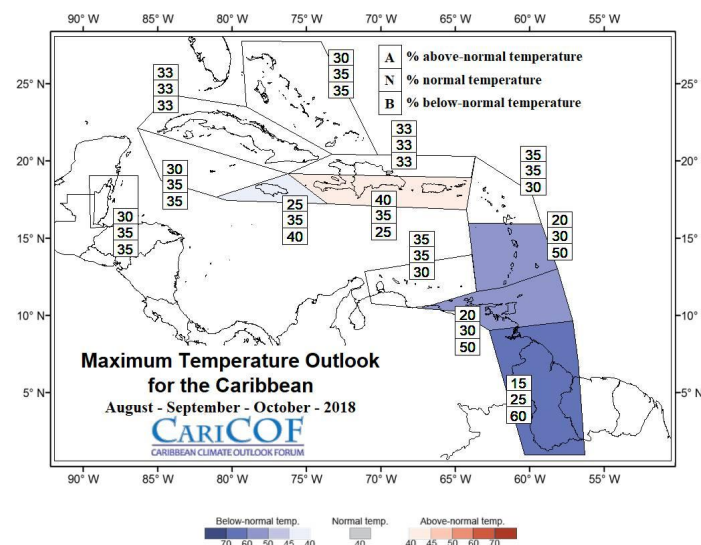
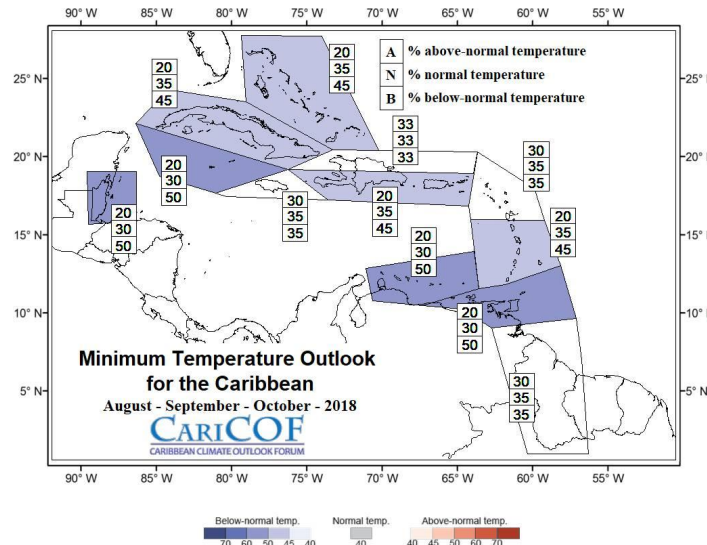
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How hot will the next three to six months be?

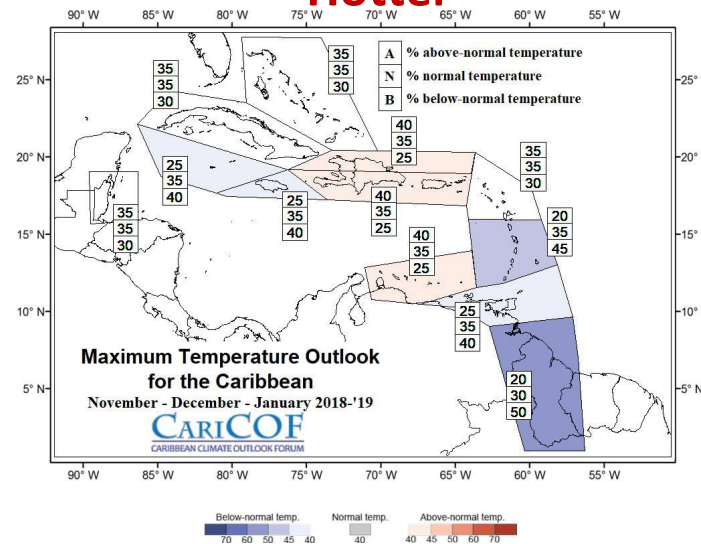
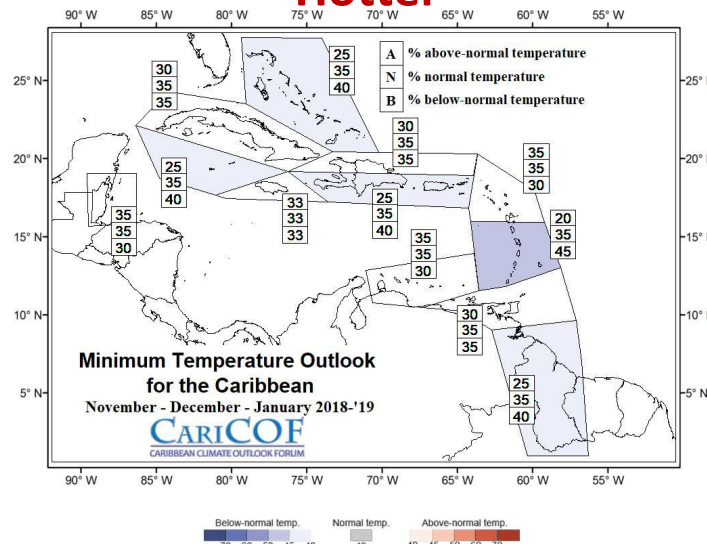
Night time

Day time



Milder Usual Hotter

Milder Usual Hotter



USUALLY:

- The **hotter** part of the year ends in October in Belize and the islands, in November in the Guianas.
- In most years, **August or September** are the **hottest months** in the islands.

FORECAST:

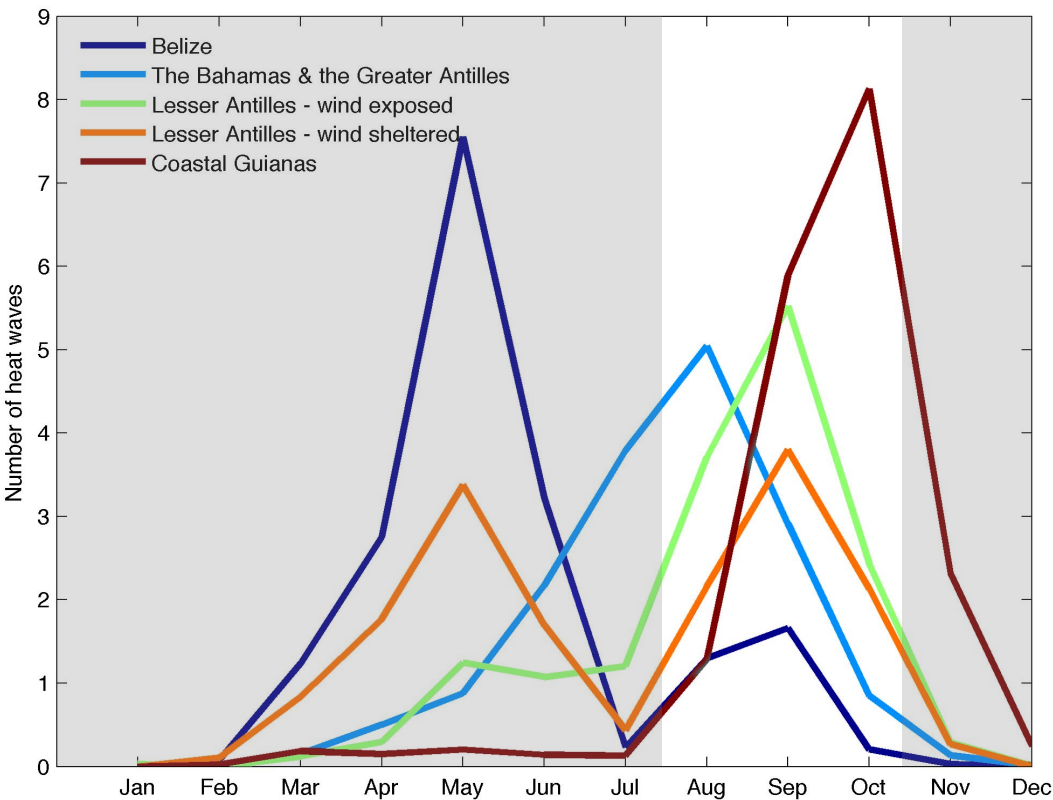
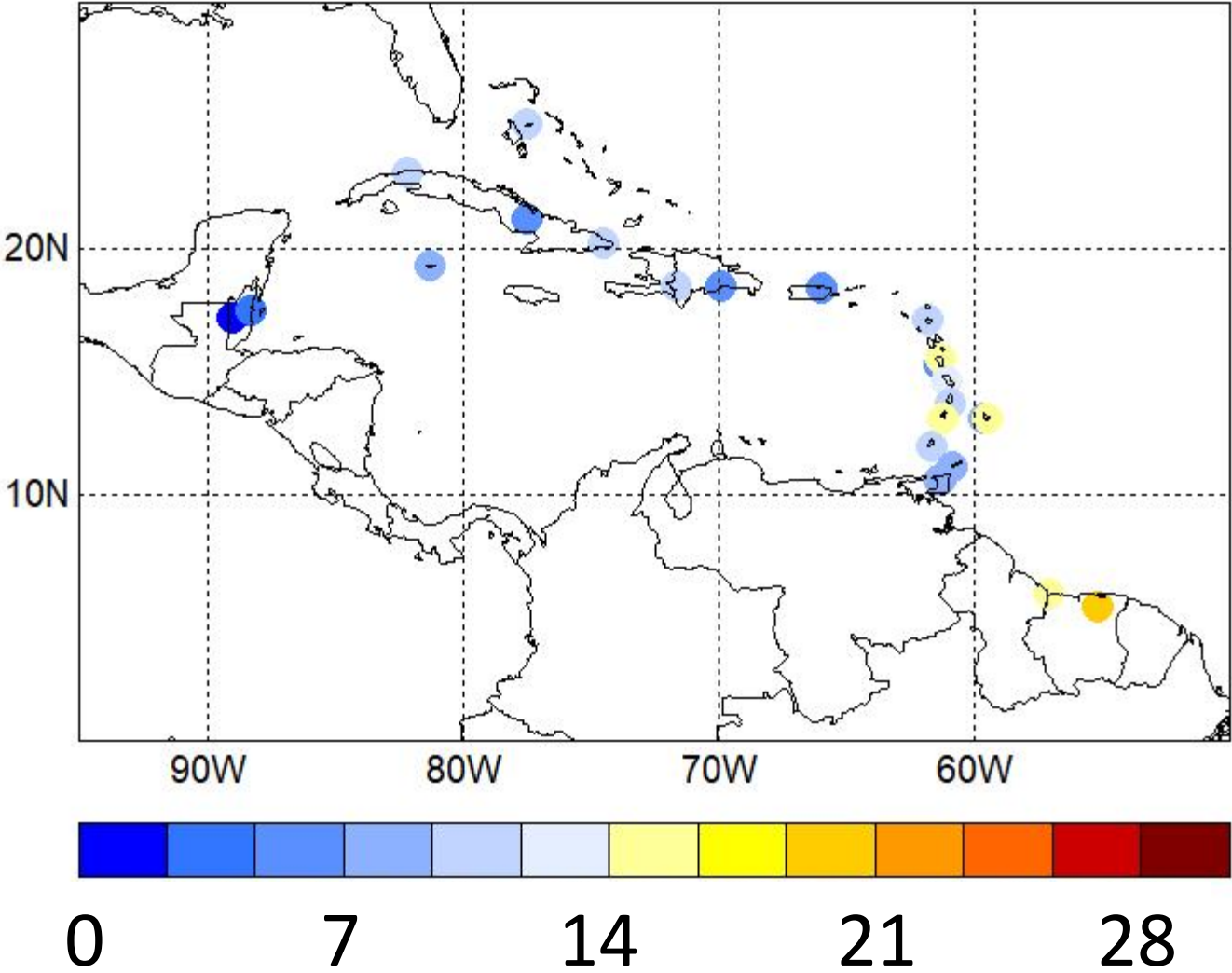
1. For the first time since a number of years, the **forecast suggests temperatures may not be warmer** than usual between August and January.
2. That said, some areas may experience slightly warmer than usual day-time temperatures, associated with generally drier conditions than usual.

Aug-Sep-Oct 2018

Nov-Dec-Jan 2018-'19

How many heatwave days do we historically get on average?

From August to October

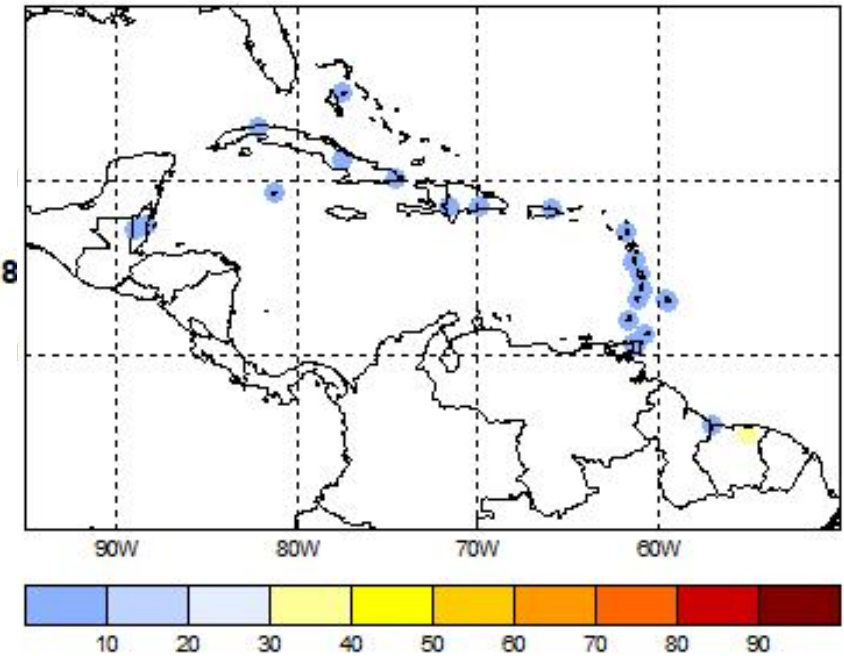


USUALLY:

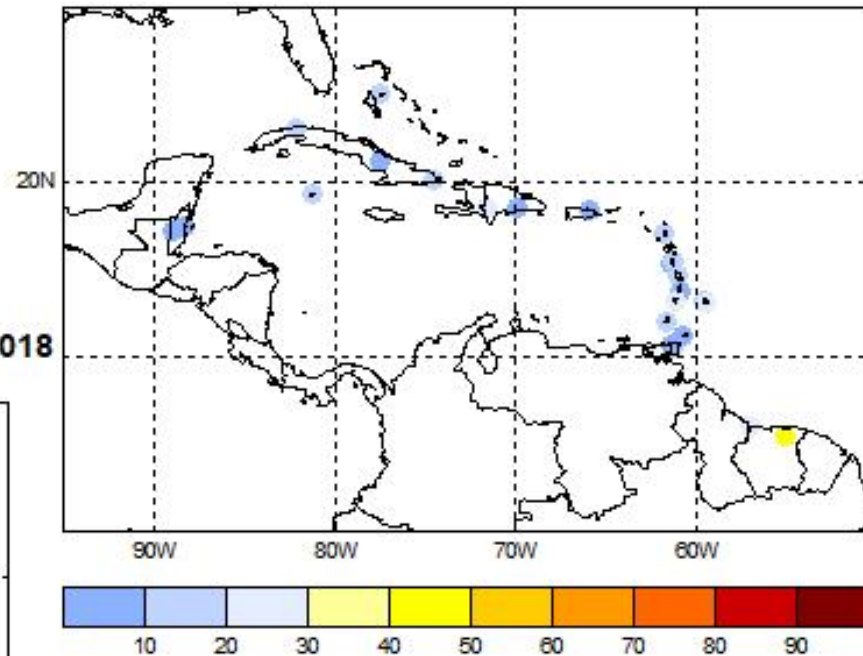
- In most years, **at least 7 heatwave days are counted from August to October** throughout most areas in the Caribbean, with the exception of Belize and in cool highland areas.
- September is the month in which all stations can record heatwaves, i.e. the peak of the hotter season.

What's the chance of having at least ... heatwave days from August to October 2018?

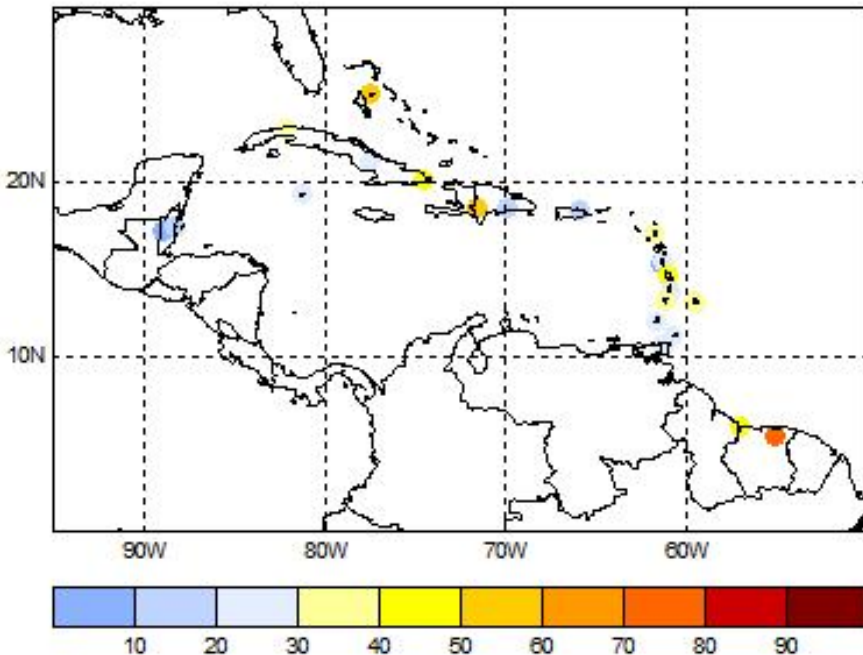
Prob. at least 30 heatwave days between Aug & Oct 2018



Prob. at least 14 heatwave days between Aug & Oct 2018



Prob. at least 7 heatwave days between Aug & Oct 2018



FORECAST:

- 30-50% chance that there will be **at least 7 heatwave days** from August to October 2018 in the Bahamas & the Antilles, but up to 80% chance in parts of the Guianas.
- A few locations in the Guianas could record 14 heatwave days.

How will heat affect the Caribbean from July till September 2018?

FORECAST:

1. For the first time since a number of years, the forecast suggests temperatures may not be warmer than usual between August and January.
2. That said, some areas may experience slightly warmer than usual day-time temperatures, associated with generally drier conditions than usual.
3. **30-50% chance or higher that there will be at least 7 heatwave days from August to October 2018 in the Bahamas & the Antilles, but up to 80% chance in parts of the Guianas. A few locations in the Guianas could record 14 heatwave days.**

IMPLICATIONS:

- Some **Heat stress** in the vulnerable population & small livestock until October (or November in the Guianas), but **unlikely to the same extent** as in recent years.
- By consequence, **cooling needs until October are reduced** compared to recent years.
- Nevertheless, the **occurrence of a few heatwaves** in many locations is likely to **temporarily increase heat stress** in human populations or livestock, especially in areas that experience unusually dry conditions.



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