



Heat Outlook for July to December 2018

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Excessive heat at times

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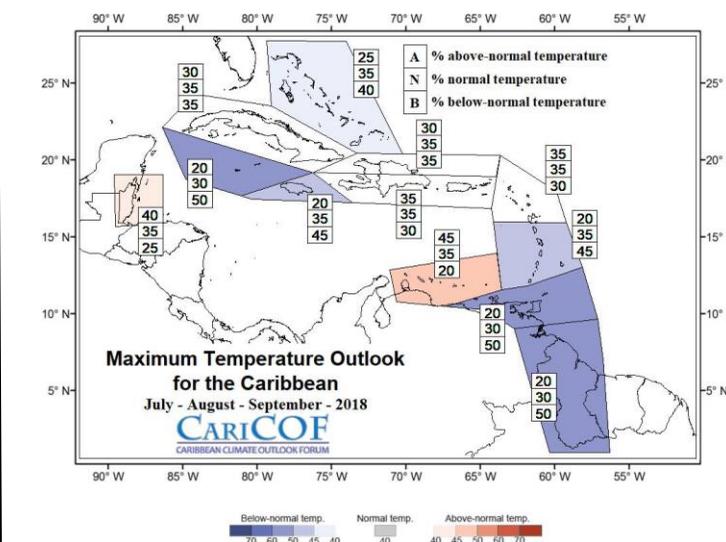
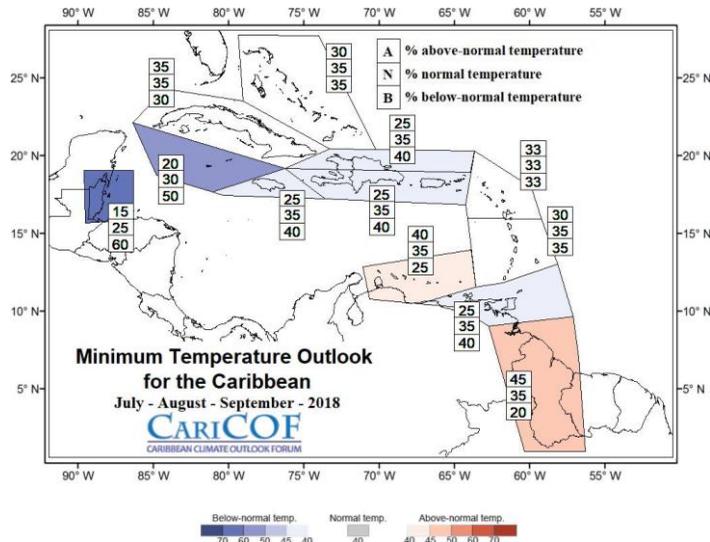


How hot will the next three to six months be?

Night time

Day time

Jun-Jul-Aug 2018

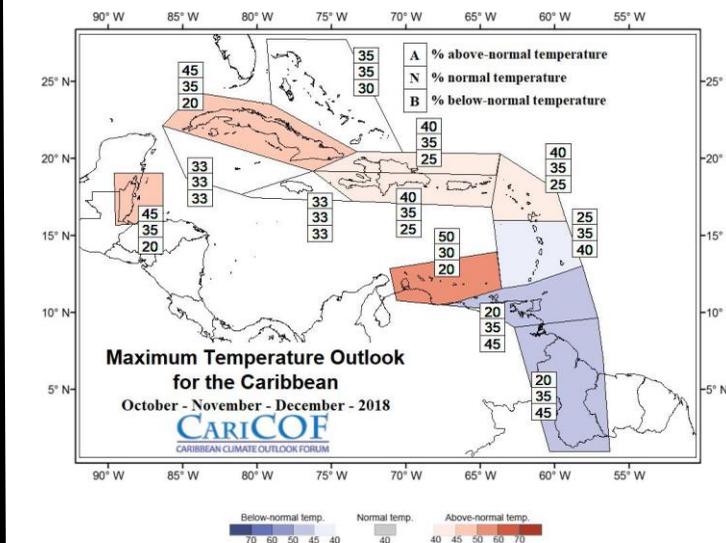
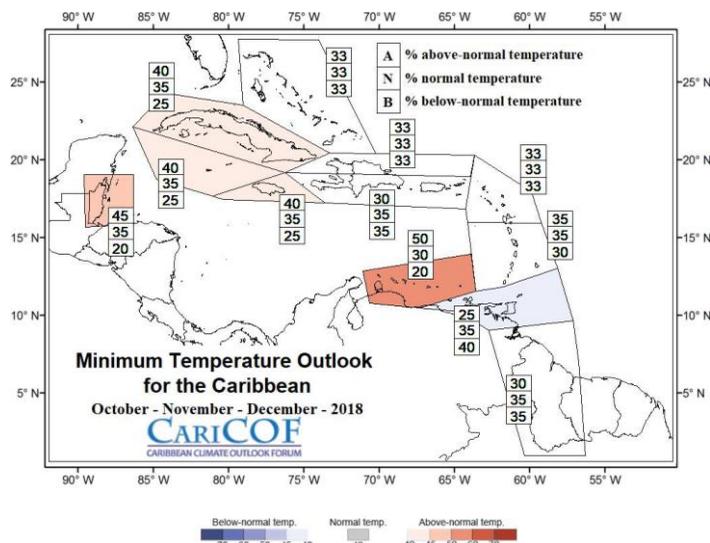


Milder Usual Hotter



Milder Usual Hotter

Sep-Oct-Nov 2018



USUALLY:

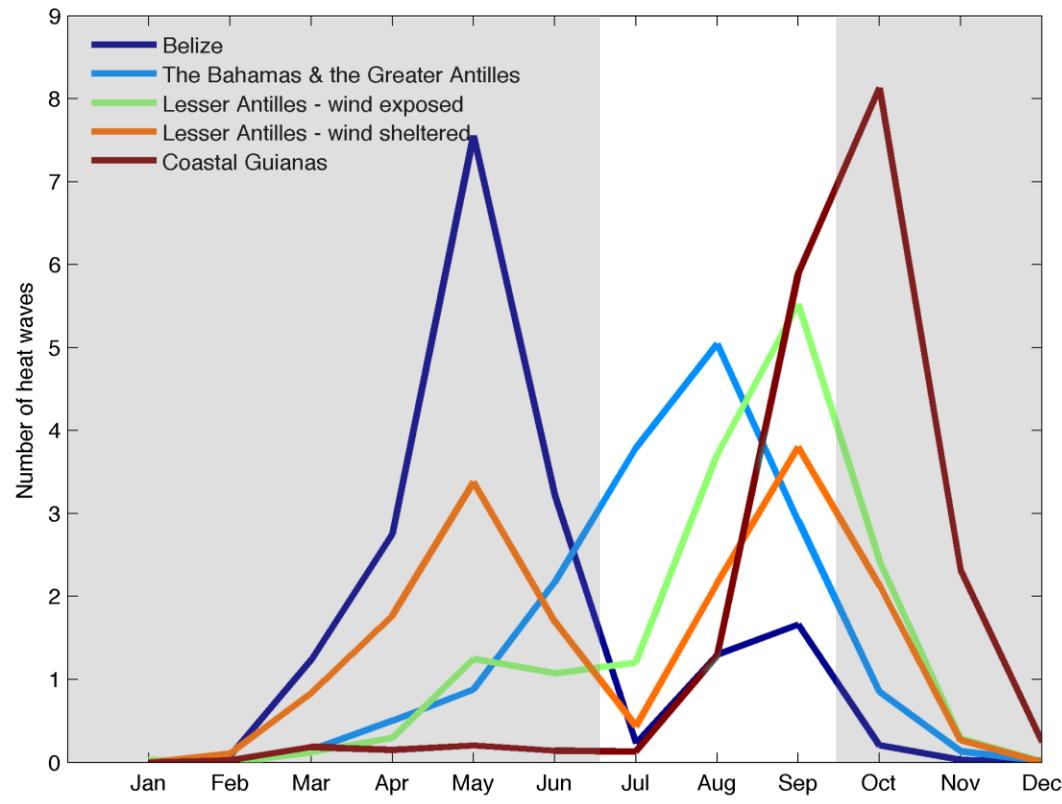
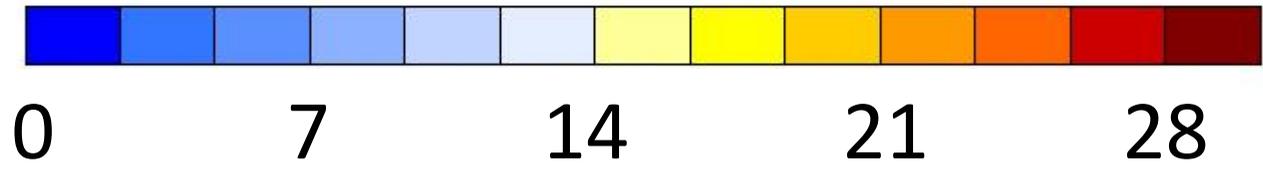
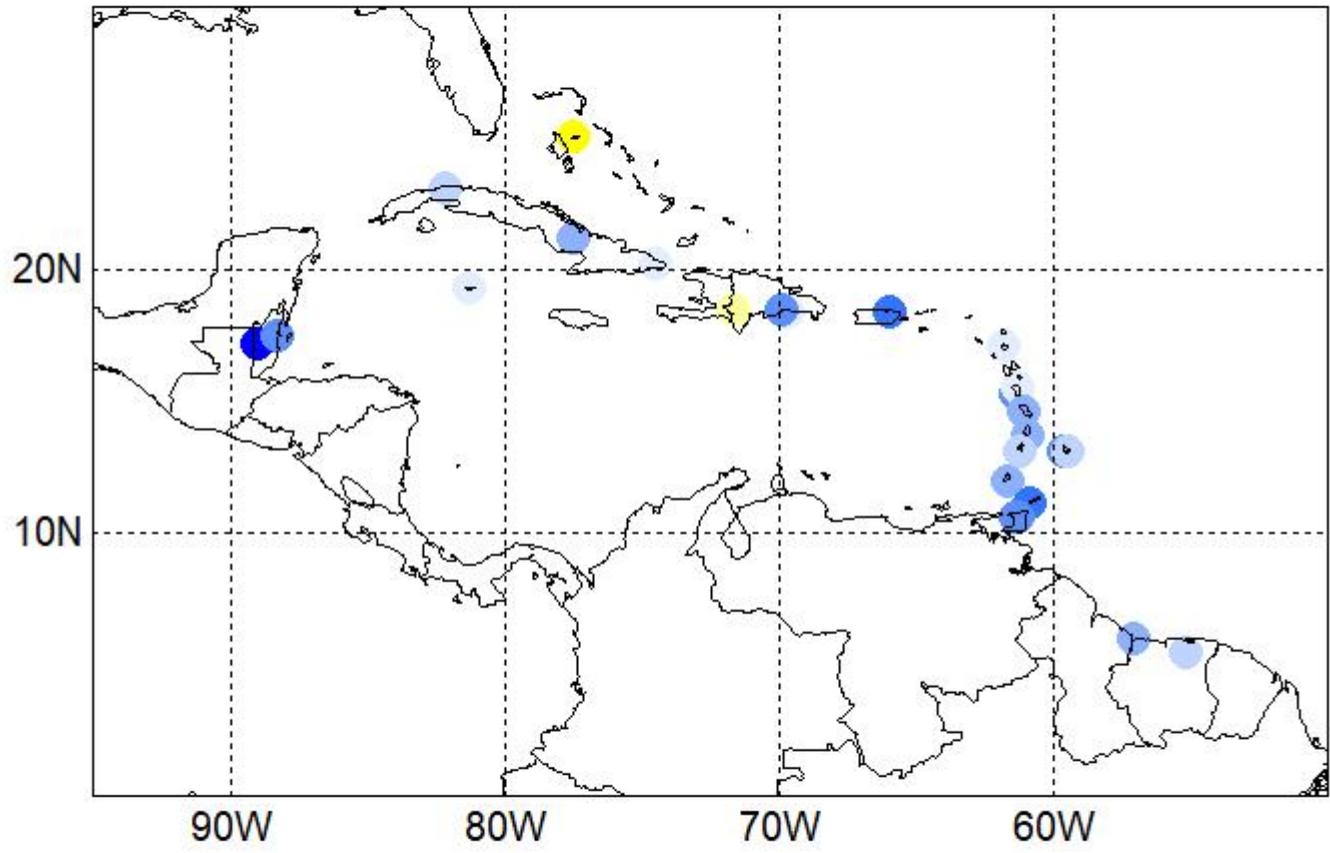
- The **hotter** part of the year starts in April in Belize and Trinidad, in May in the other Islands, in August in the Guianas. It ends in October in Belize and the islands, in November in the Guianas.
- In most years, **August or September** are the **hottest months** in the islands.

FORECAST:

1. For the first time since a number of years, the **forecast suggests temperatures may not be warmer than usual** between July and December.
2. That said, some areas may experience slightly warmer than usual temperatures, especially the ABC Islands, Belize and the Greater Antilles from Sep. to Dec.

How many heatwave days do we historically get on average?

From July to September

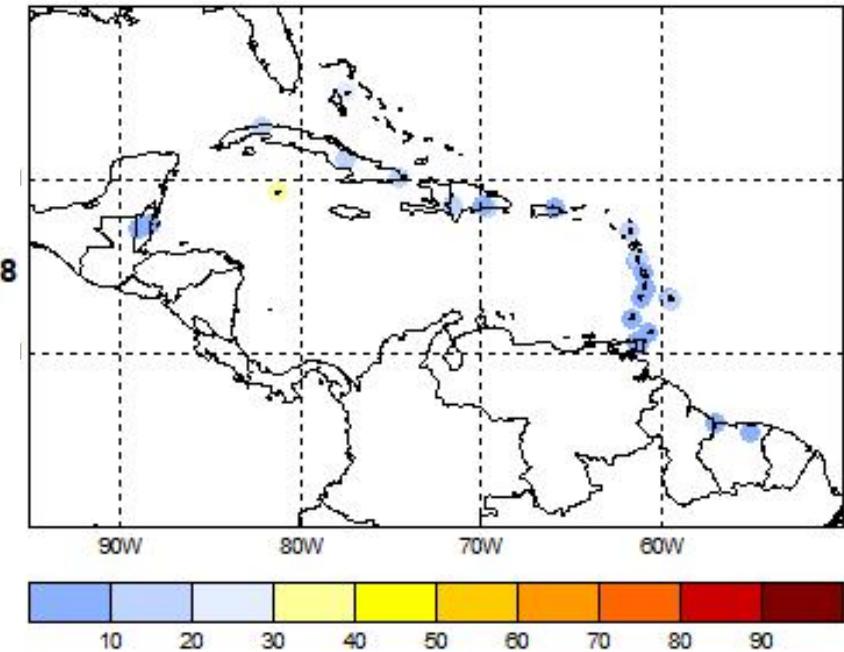


USUALLY:

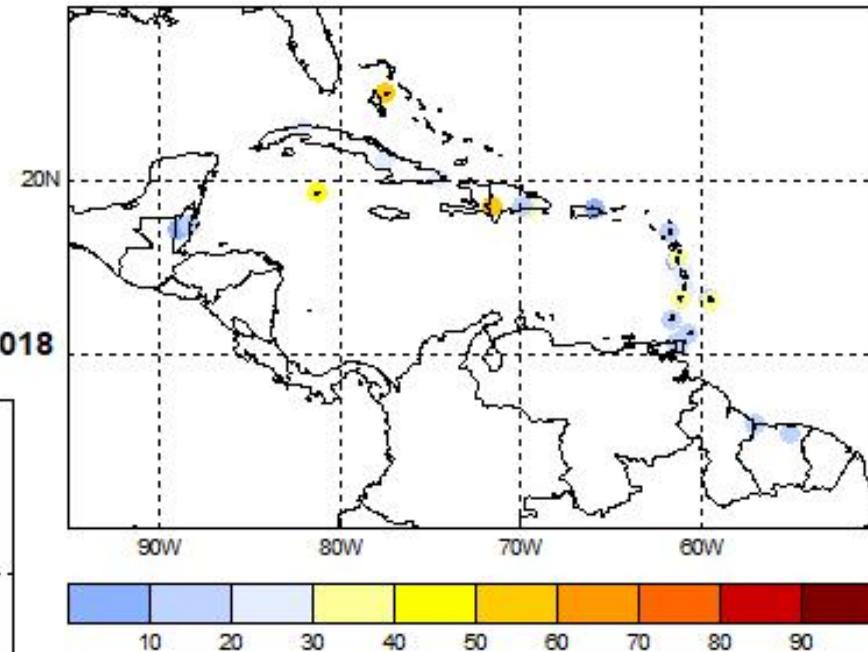
- In most years, **at least 7 heatwave days are counted from July to September** throughout most areas in the Caribbean, with the exception of Belize, Trinidad, and in cool highland areas.
- September is the month in which all stations can record heatwaves, i.e. the peak of the hotter season.

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

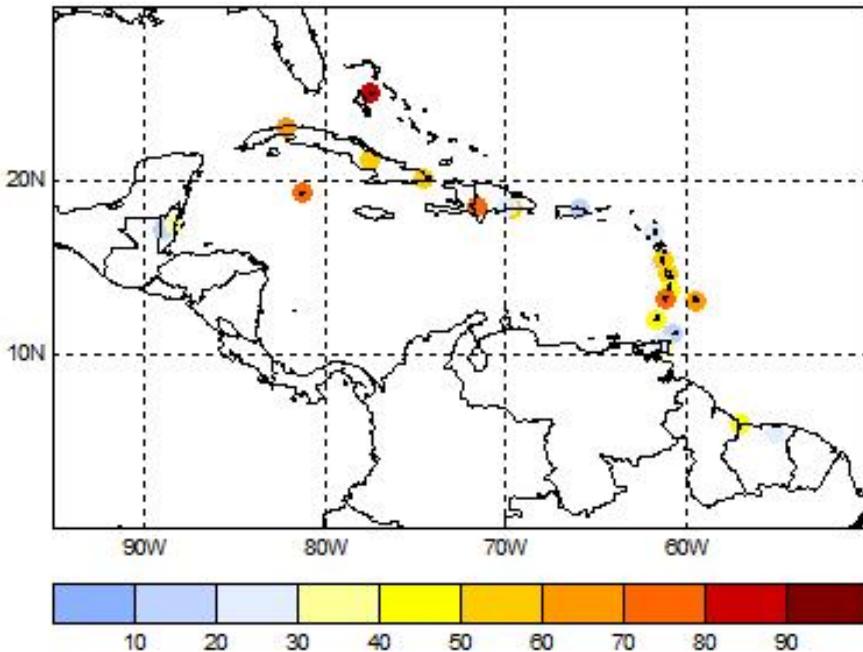
Prob. at least 30 heatwave days between Jul & Sep 2018



Prob. at least 14 heatwave days between Jul & Sep 2018



Prob. at least 7 heatwave days between Jul & Sep 2018



FORECAST:

- 50% chance or higher that there will be **at least 7 heatwave days** from July to September 2018 in the Greater Antilles and some locations in the Windward Islands.
- A few of these stations could record 14 heatwave days or more.

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

FORECAST:

1. For the first time since a number of years, the forecast does not suggest significant chances for warmer than usual summer conditions between July and December.
2. That said, some areas may experience slightly warmer than usual temperatures, especially the ABC Islands, Belize and the Greater Antilles from Sep. to Dec.
3. **The forecast suggests a 50% chance or higher that there will be at least 7 heatwave days from July to September 2018 in the Greater Antilles and some locations in the Windward Islands. A few of these stations could record 14 heatwave days or more.**

IMPLICATIONS:

- **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.