

Heat Outlook for May to July 2018

Infrequent excessive heat

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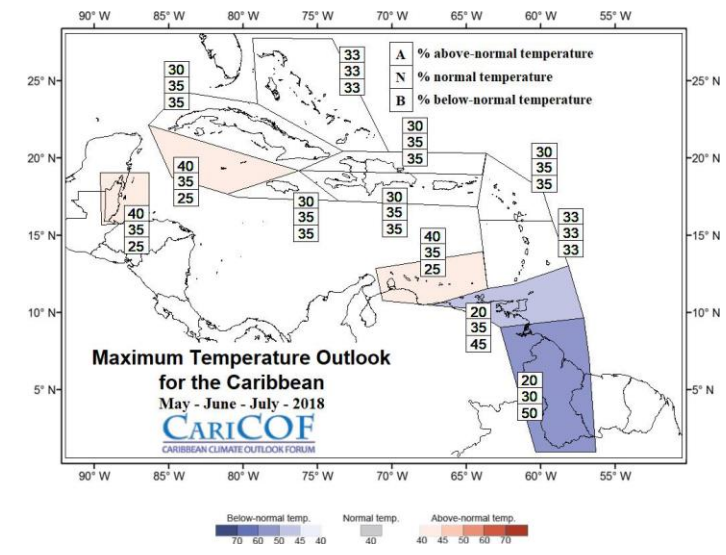
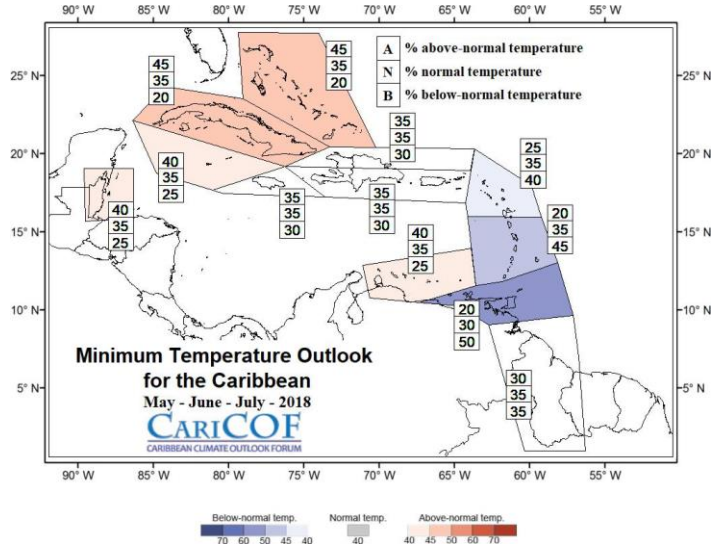


How hot will the next three to six months be?

May-Jun-Jul 2018

Night time

Day time

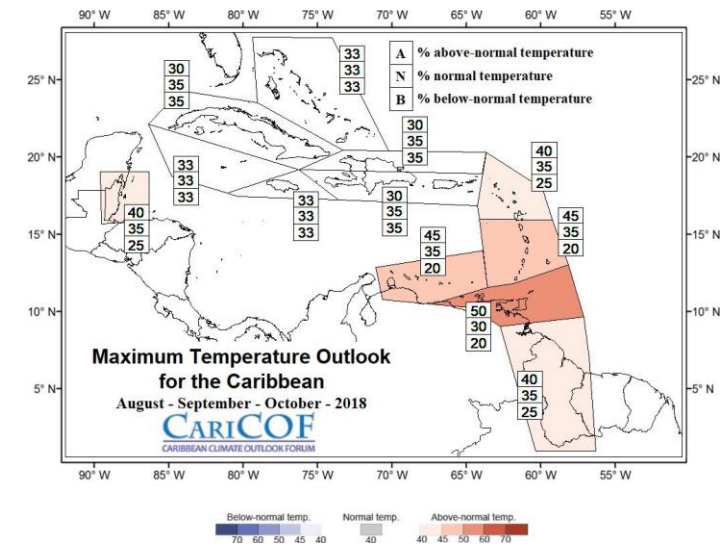
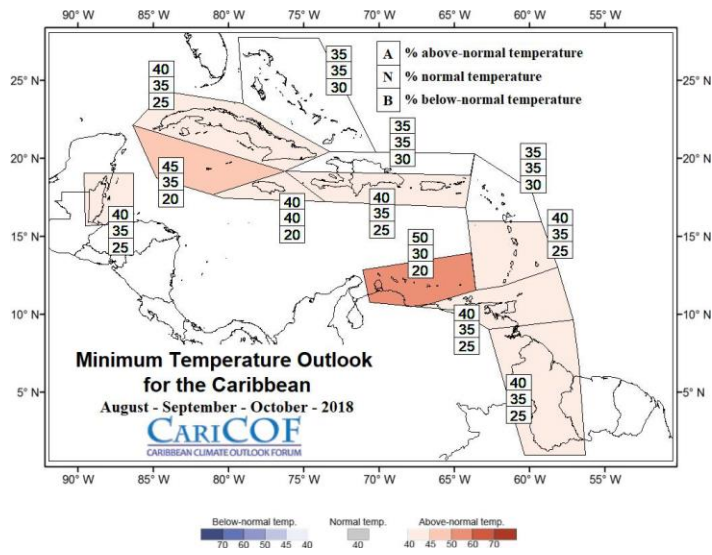


Milder Usual Hotter



Milder Usual Hotter

Aug-Sep-Oct 2018



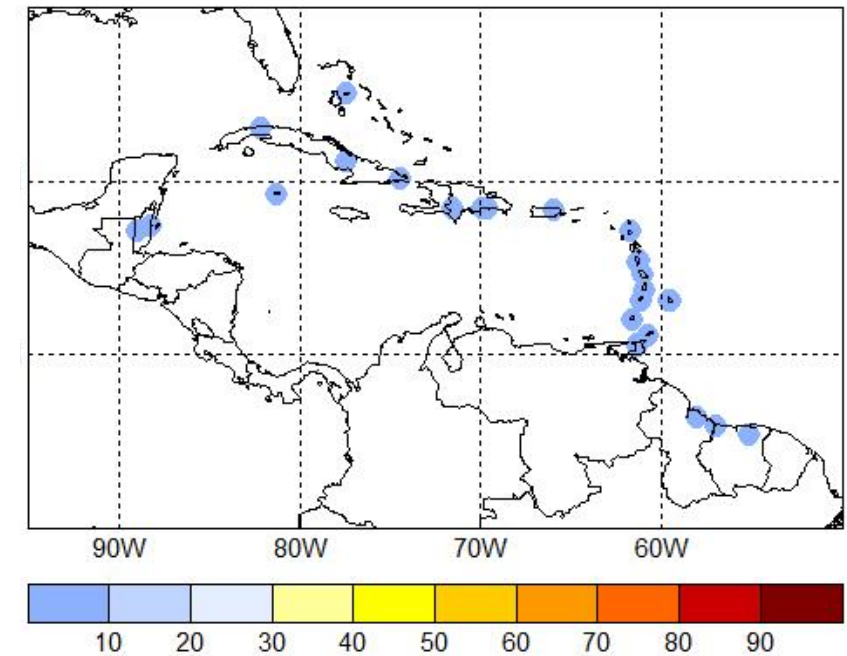
USUALLY: Compared to previous months Warmer temperatures are likely across the region.

- FORECAST:**
1. From May to July, night-time temp. may be warmer than usual in ABC Is. & north-western C'bean, but cooler in Lesser Antilles; day-time (max.) temp. may be cooler than usual from Trinidad southwards.
 2. The **hottest part of the year** (August till early October) will likely be at least as warm as usual.

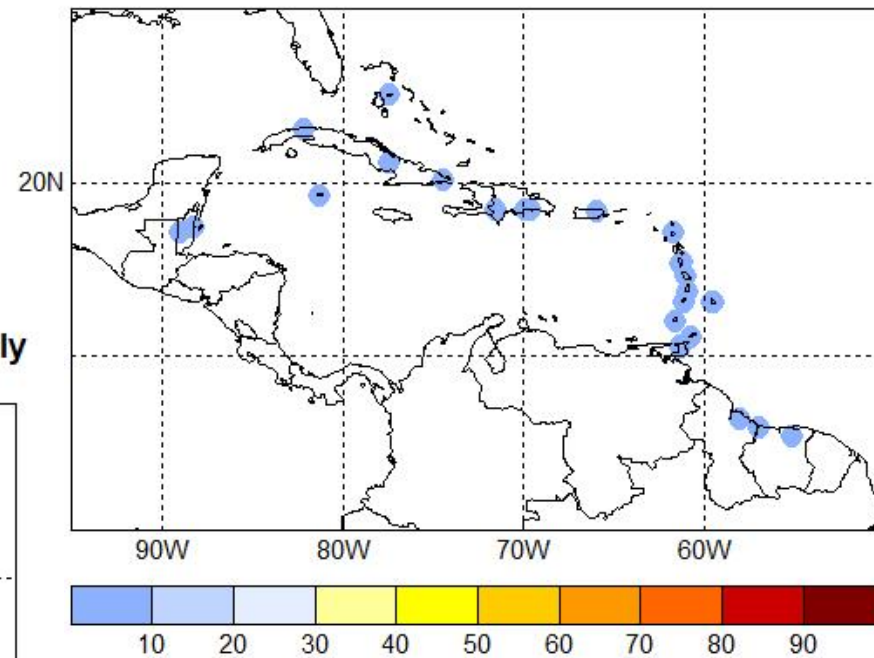
- IMPLICATIONS:**
- Increased heat stress in the vulnerable population & small livestock between August and October.
 - Cooling need until October reduced compared to most recent years.

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

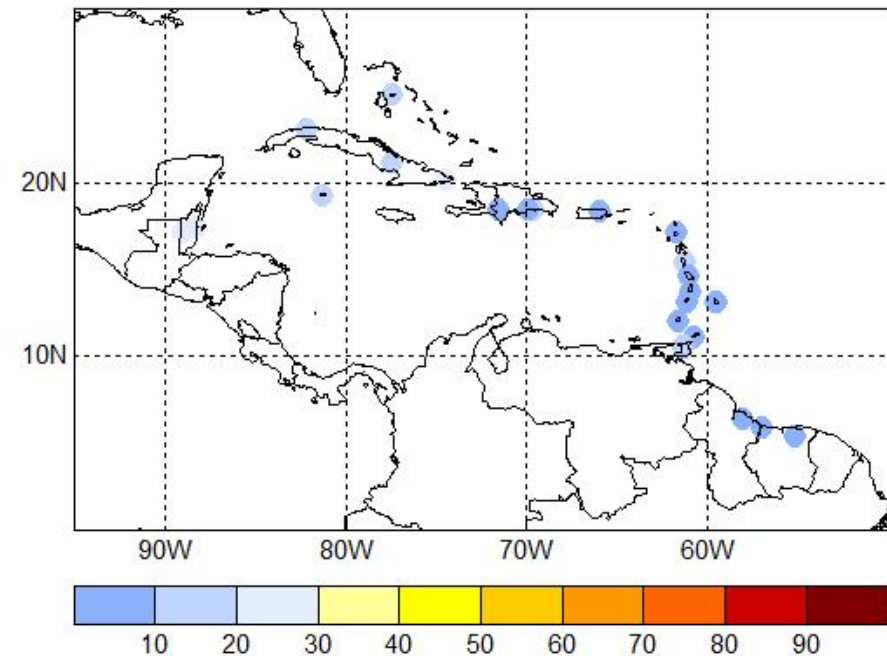
Prob. at least 60 heatwave days between May & July



Prob. at least 30 heatwave days between May & July



Prob. at least 14 heatwave days between May & July



FORECAST:

- 15-20% chance for at least 14 heatwave days in Belize, eastern Cuba and Trinidad.
- Virtually no chance of having at least 30 heatwave days anywhere across the region.

How many heatwave days from May till July 2018?

USUALLY:

- 1) In most years, 5 to 15 heatwave days are counted in Belize and in leeward or wind sheltered areas in the Lesser Antilles between May and June, as well as in the Bahamas and Greater Antilles between June and July.
- 2) Wind-exposed areas in the Lesser Antilles and the coastal Guianas experience very few heatwave days in these months, if any.

FORECAST:

There will likely be less heatwave days than in most recent years across the region during this period. Notwithstanding, there is a 15-20% chance for at least 14 heatwave days in Belize, eastern Cuba and Trinidad in the period May to July 2018.

IMPLICATIONS:

- **Although there is the likelihood of a few heatwaves in many locations which may cause heat stress in human populations or livestock, the heat stress should be less acute than in most recent years.**