Rainfall frequency and extreme forecasts

wet days and wet spells outlooks July to September 2017

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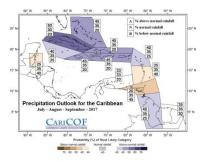








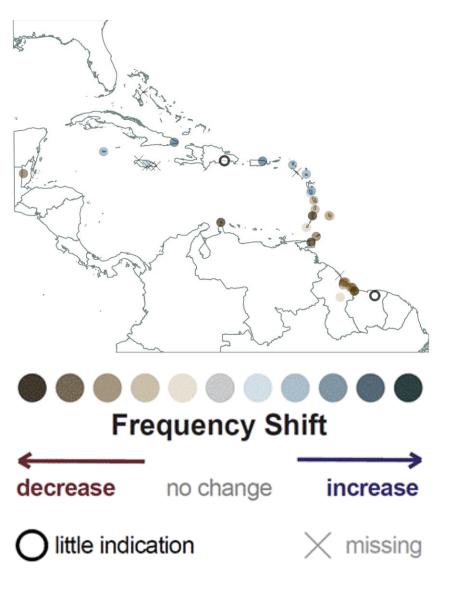
Precipitation outlook



Wet day frequency shifts

Forecast for: July to September 2017

JAS 2017 Frequency of wet days



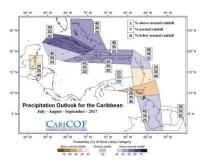
USUALLY: Out of 92 days in Jul-Aug-Sep, there are about 35 to 50 wet days (50 to 65 in mountainous areas; ABC Islands: 5-15).

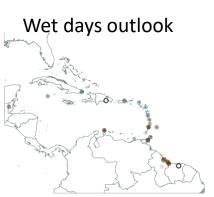
FORECAST: JAS is likely to be wetter than usual or usual in The Bahamas, Greater Antilles and W Guianas, whereas Barbados, Belize, Trinidad & Tobago and Windwards, may be drier than usual. We forecast slightly less wet days in the latter locations and coastal Guianas, but slightly more in most other places (medium to high confidence).

IMPLICATION:

- Frequent rainfall disruptions of outdoor activities.
- Surface wetness makes environmental conditions more conducive to mosquito breeding and moisture related pests.

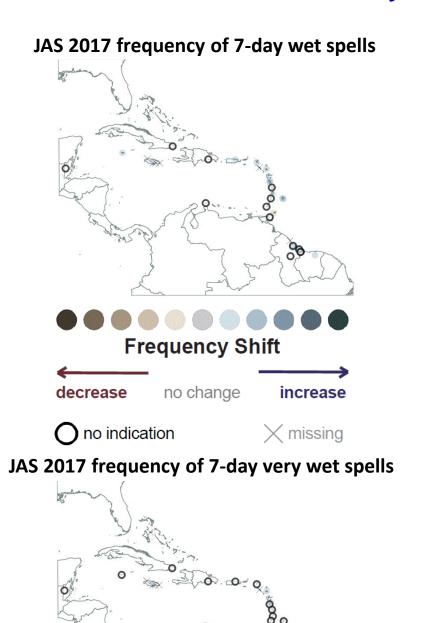
Precipitation outlook





Wet spells frequency shifts

Forecast for: July to September 2017



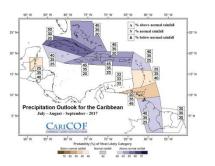
USUALLY: Between 2 and 6 wet spells (ABC Islands: 1 to 4) occur from July to September, with 1 to 3 of them ending up very wet (ABC Islands: up to 2).

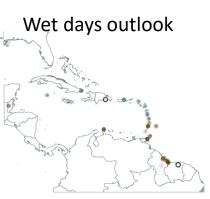
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IMPLICATION:

 Recharge of large water reservoirs associated with wet season.

Precipitation outlook



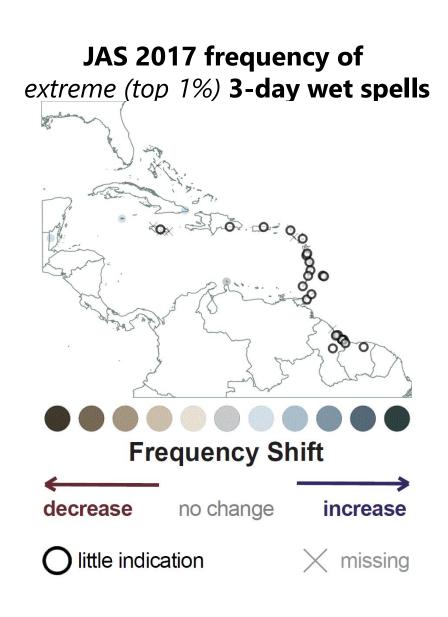






Extreme wet spells frequency shifts

Forecast for: July to September 2017



USUALLY: Up to 1 or 2 extreme wet spell occur between July to September (ABC Islands: up to 1).

FORECAST: JAS is likely to be wetter than usual or usual in The Bahamas, Greater Antilles and W Guianas, whereas Barbados, Belize, Trinidad & Tobago and Windwards, may be drier than usual. We forecast slightly less wet days in the latter locations and coastal Guianas, but slightly more in most other places (medium to high confidence). By contrast, we forecast the usual number of wet, very wet and extremely wet spells (low confid.).

IMPLICATION: Flash flood potential is a concern throughout the region.



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