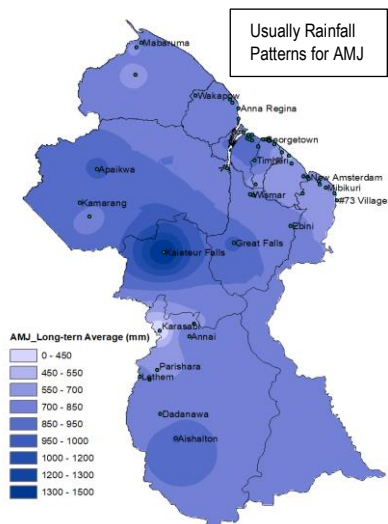




### Climatology for April-May-June (AMJ)

Guyana usually transitions into the Primary Wet Season during the latter part of April through early May. The Primary Wet Season generally continues through early July for Northern Guyana and August for the South.

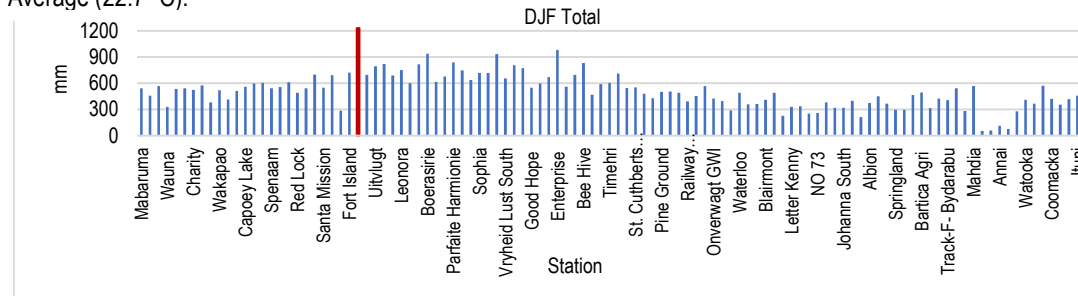
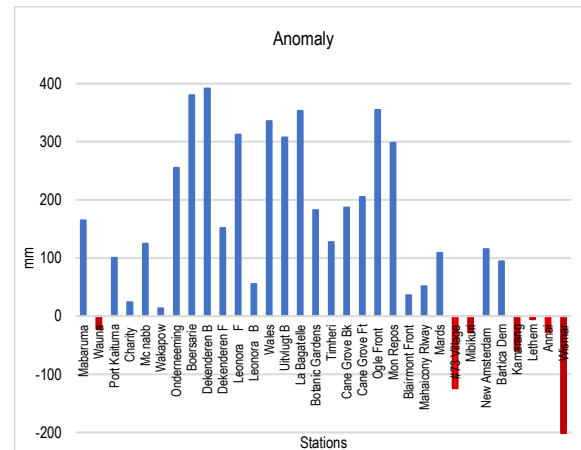


### Review for December-January-February (DJF)

The Average Rainfall (515 mm) recorded across Guyana for DJF was above the Long-Term Average (398 mm). The highest Rainfall total (1231 mm) for the period was recorded at Fort Island as in chart below. Some stations (22%) recorded Rainfall below their Long-Term Averages as per anomaly chart to the right. Overall, Northern Guyana received above average rainfall as opposed to the South.

Mean Maximum Temperature (32.3 °C) recorded across Guyana was above Long-Term Average (30.8 °C).

Mean Minimum Temperature (21.6 °C) recorded across Guyana was below Long-Term Average (22.7 °C).



### Outlook for April-May-June (AMJ) 2018

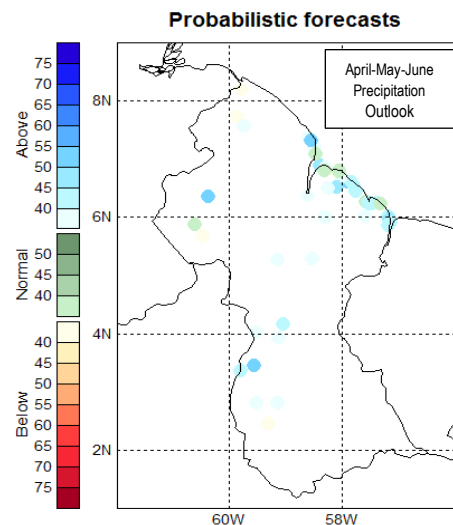
**Precipitation:** AMJ rainfall is likely to be near-normal for most areas across the country as shown in probabilistic rainfall map below. Region 2, the Upper Mazaruni District and the Central Rupununi are likely to see rainfall above-normal but the confidence in the forecast is low. During this period, Northern Guyana usually experience 41 to 55 wet days (1 wet day  $\geq 1.0$ mm), the forecast is 49 to 56 with at least 2 extreme wet spells (1 extreme wet spell = 3 consecutive days of rainfall in top 1% wettest). There are concerns of potential floods during the season.

**Drought:** Drought Watch is in effect for some areas in Regions 2, 4, Northern 6 and Central 10 until June.

**Temperatures:** Slightly higher chances for cooler than usual daytime temperature and higher changes for warmer nighttime temperatures during this season.

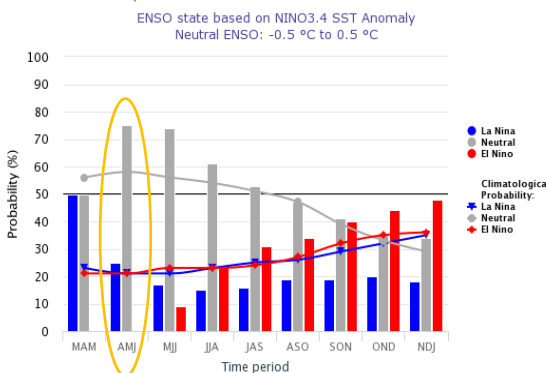
### Extended Outlook for July-August-September (JAS) 2018

The transitioning out of the primary wet season (early July for Northern Guyana and early August for the South) should be slightly wetter than usual, though confidence in this forecast is low.



**ENSO Outlook:** Most models suggest ENSO neutral conditions to be in place for AMJ (75% confidence) and will continue through JAS (55% confidence). During ENSO neutral condition, rainfall and temperature patterns are usually similar to longer-term averages and trends.

Mid-Mar IRI/CPC Model-Based Probabilistic ENSO Forecasts



Mid-Mar 2018 Plume of Model ENSO Predictions

