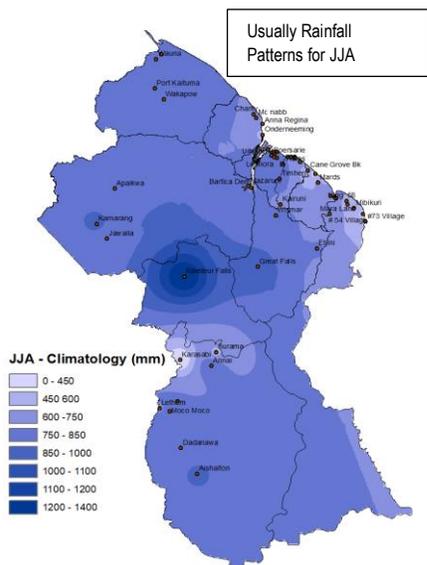




### Climatology for June-July-August (JJA)

Usually the period June-July-August in Guyana is wet as seen in the rainfall map below. The northern portion of Guyana is wet through early July and mid-August for Southern Guyana. These conditions repeat each year unless they are being influenced by El Niño (drier conditions prevail) or La Niña (wetter conditions prevail).

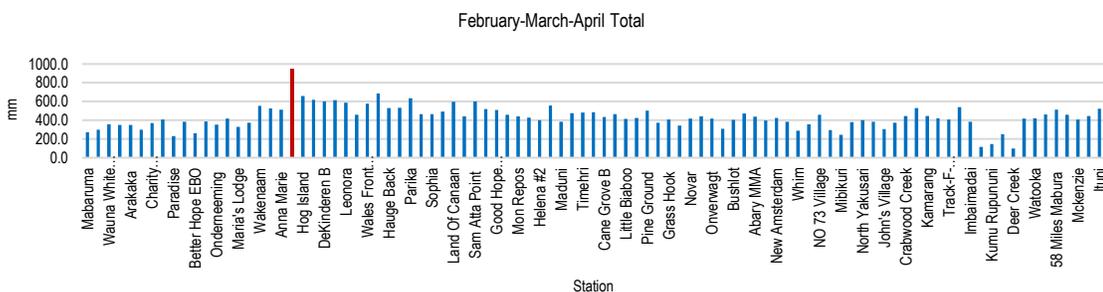
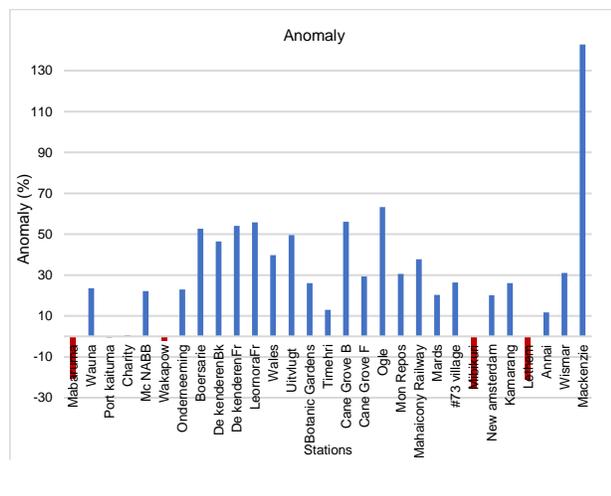


### Review for February-March-April (FMA) 2018

The average total rainfall (430.2) recorded across Guyana was above the climatological average (335.7 mm). The highest rainfall total (954 mm) for the period was recorded at Fort Island as in chart below. Ten percent (10%) of stations recorded rainfall below their climatological averages as shown in the anomaly chart to the right. The anomaly is expressed in percentage (%); blue means increase in rainfall while red means decreases.

Mean Maximum Temperature recorded across Guyana was 0.6 °C above climatological average (31.0 °C).

Mean Minimum Temperature recorded across Guyana was 3.4 °C below climatological average (23.1 °C).



### Outlook for June-July-August (JJA) 2018

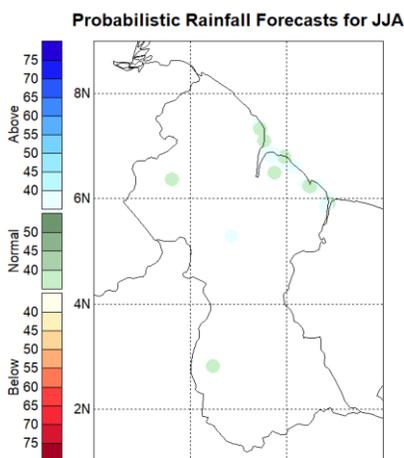
**Precipitation:** JJA rainfall is likely to be as wet as usual with little chance for extremely wetter conditions as shown in probabilistic rainfall map below. During this period Coastal Guyana usually experienced 43 to 57 wet days; the forecast is 43 to 60 with at least 3 to 6 wet spells (7 continuous wet days) and 1 extreme wet spell. During this period there are increase chances for moisture related pests and diseases. Water harvesting is also advised during this season.

**Drought:** With the rainfall received over the previous months and the current forecast, there is no concern for drought up until August. However, there are increasing concerns of drier than usual conditions from August through October but with low confidence.

**Temperatures:** Cooler than usual daytime and nighttime temperatures during this season can be expected.

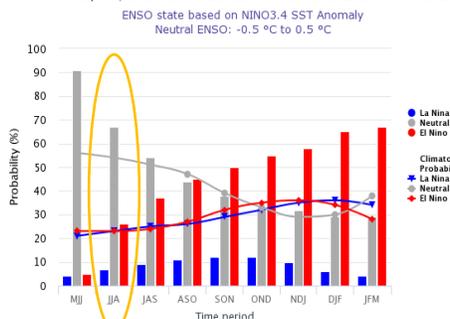
### Extended Outlook for August-September-October (ASO) 2018

The transition period between the wet and dry season is expected to be accompanied by increasing temperatures. This implies a gradual build-up of heat discomfort from late August to October 2018. The precipitation outlook trends to a drier than usual season with increasing chance for El Niño developing later in the year though confidence in this forecast is low.



**ENSO Outlook:** Most models suggest ENSO neutral conditions to be in place for JJA (65% confidence) as per charts below. During ENSO neutral conditions rainfall trends to usual patterns. There are increasing chances of El Niño developing later in the year, however, forecast made at this time of year are generally weak. The July-August-September newsletter would provide more conclusive evidence of the developing El Niño.

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



Model Predictions of ENSO from May 2018

