

Issued 1st September, 2020



Kiribati Climate Outlook

September to November 2020

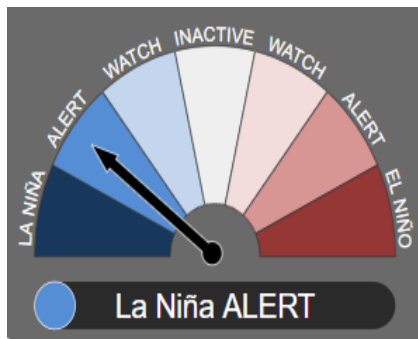
Kiribati Meteorological Service Headquarter, Temakin Betio

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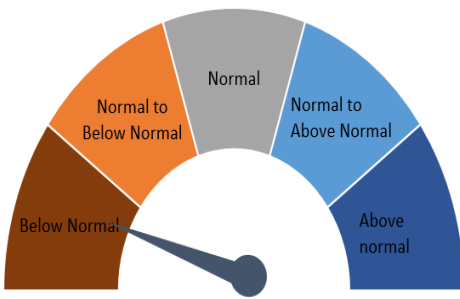
Site: www.met.gov.ki

Email: climateofficer@met.gov.ki

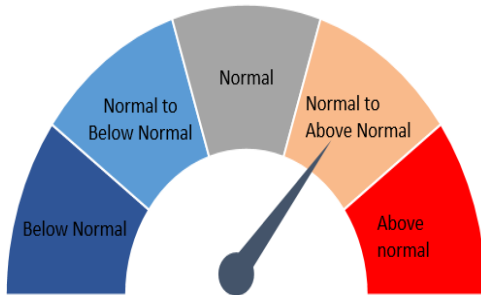
Highlights



ENSO Outlook



Kiribati rainfall outlook



Air temperature Outlook

- The ENSO is in Neutral phase leaning towards La Niña conditions or currently in **La Niña Alert**.
- Chance of La Nina forming this year is **around 70% likelihood** and likely to reach La Niña thresholds by September or October 2020.
- **Below Normal rainfall** is the most likely condition throughout the Kiribati regions for September to November 2020.
- **Normal to Above normal air temperature** is forecasted for September to November 2020 over all island groups of Kiribati.

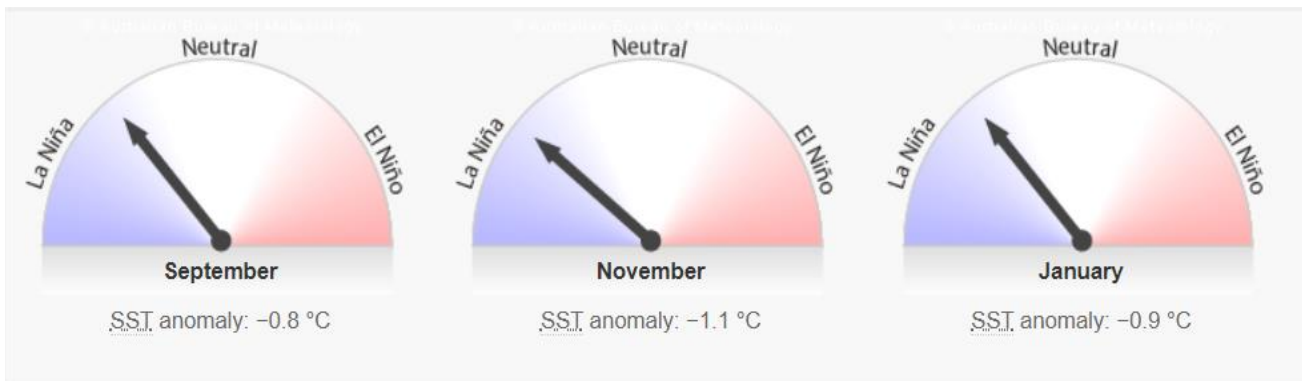
EI NINO SOUTHERN OSCILLATION (ENSO) UPDATE

The El Niño–Southern Oscillation is currently in a Neutral condition leaning toward La Niña. The ENSO outlook remains at **La Niña ALERT** with a chance of La Niña forming in the coming months has increased to around 70%.

Recent cooling of the surface of the tropical Pacific Ocean, changes in tropical weather patterns, and continued ocean cooling forecast by climate models suggest La Niña could become established in spring 2020 (October- December).

A La Niña ALERT is not a guarantee that La Niña will occur, rather it is an indication that most of the typical signs of La Niña are in place. La Niña development in the tropical Pacific will be closely monitored and updated for the upcoming months.

Kiribati Climate had started to experience a La Niña like patterns, especially as we currently in a dry season (May-October). Below Normal rainfall is the most common impacts of a La Niña in the country.



Source: BoM website

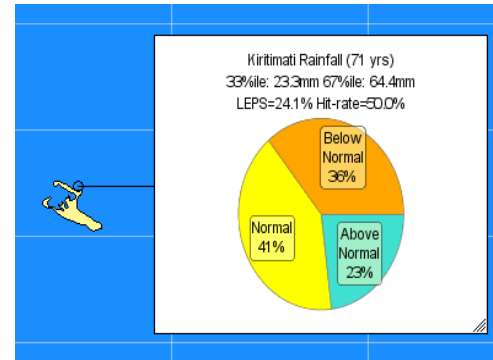
RAINFALL OUTLOOK

FORECAST 1 (SCOPIC MODEL) - SEPTEMBER TO NOVEMBER 2020

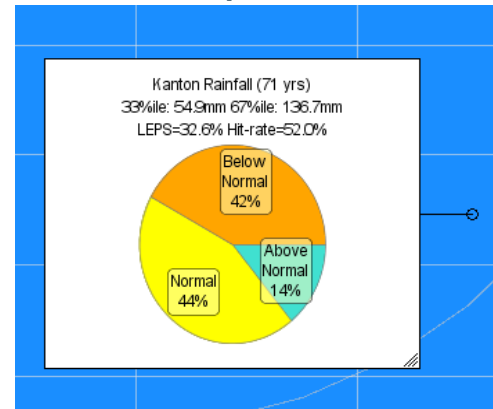
Gilbert Group



Line Group



Phoenix Group



Gilbert Group:

Northern Islands

- Butaritari- Normal with Below normal next most likely.

Central islands

- Tarawa- Normal.

Southern islands

- Beru- Normal with Below normal next most likely.

Line Group:

- Kiritimati- Normal with Below normal next most likely.

Phoenix Group:

- Kanton- near-equal likelihood of Normal and Below normal rainfall.

RAINFALL OUTLOOK

FORECAST 2 (PICASO MODEL) - SEPTEMBER TO NOVEMBER 2020

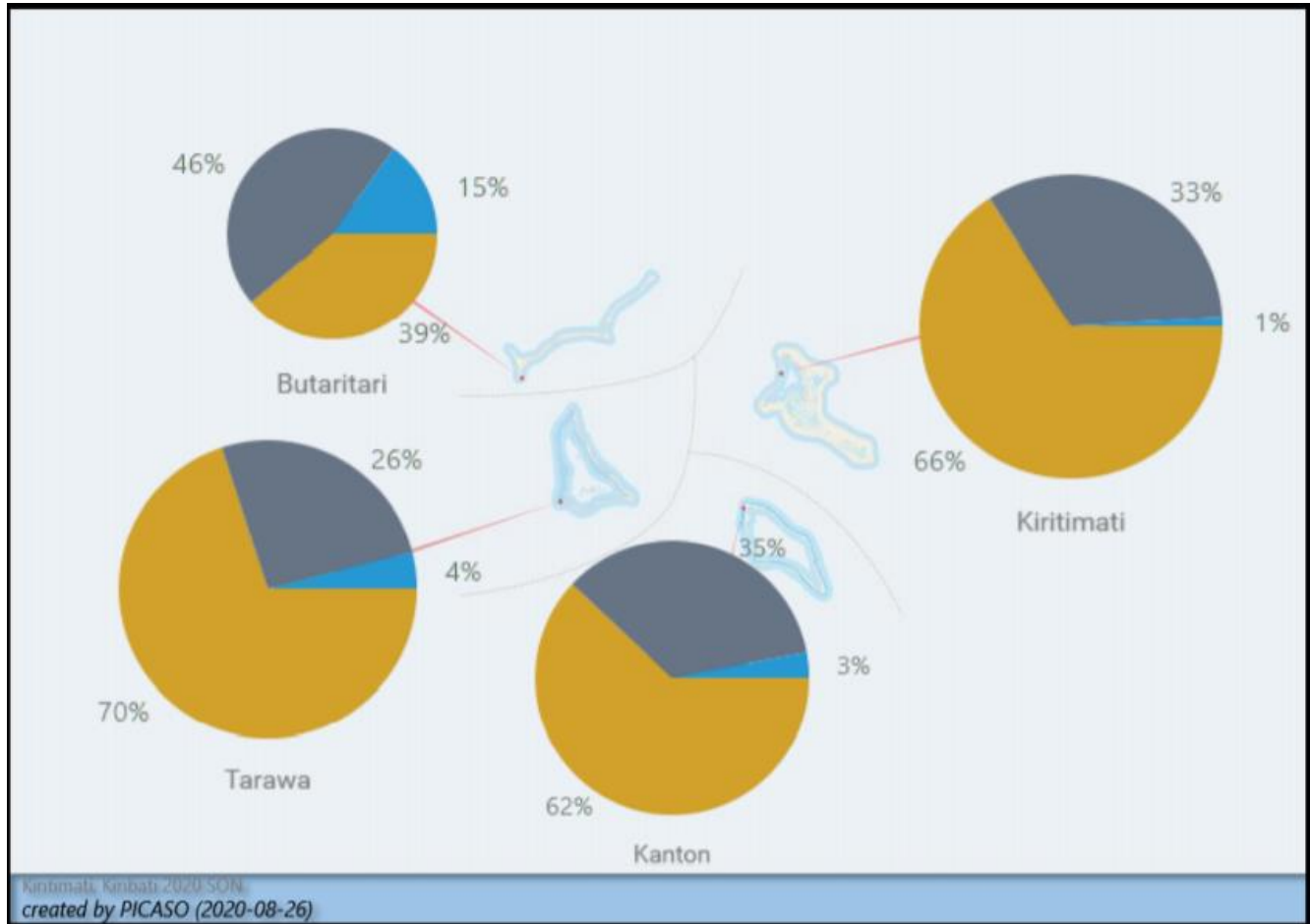


Figure 1: The brown color on the pies depicts rainfall that is below normal, normal falls in the grey color and above normal in the blue color.

Description:

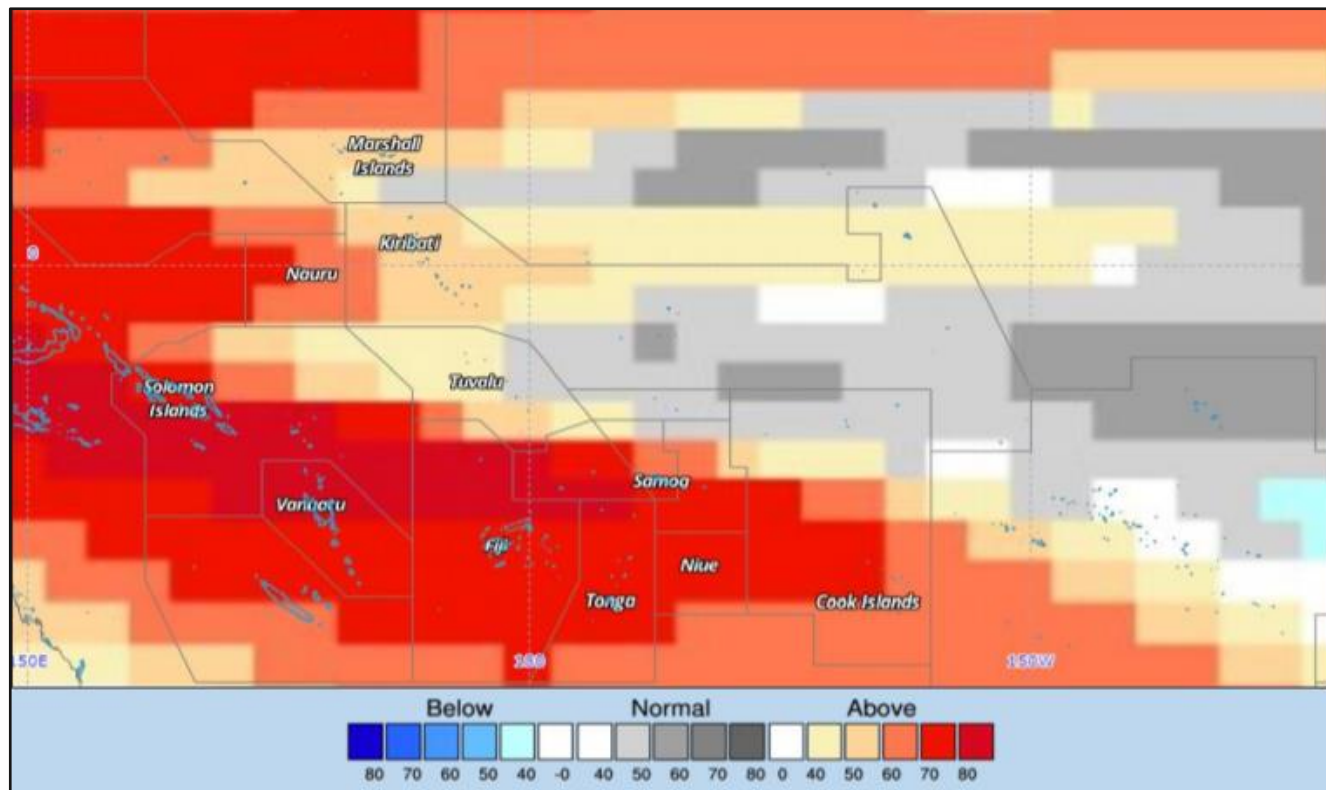
The above chart shows a rainfall prediction for September to November 2020 that is below normal is mostly favored, except for Butaritari in the northern part of Kiribati which is expecting normal rainfall as the most likely with below normal next most likely in its rainfall prediction.

Note:

Below Normal rainfall is the mostly likely condition in Kiribati for September -November period this year 2020 based on the two climate models (SCOPIC & PICASO) surveyed this month.

AIR TEMPERATURE OUTLOOK

CLIKP TEMPERATURE FORECAST- SEPTEMBER TO NOVEMBER 2020



Gilbert Group:

Above normal

Phoenix Group:

Normal

Line Group:

Above normal

The overall temperature forecast for Kiribati is predicted to be normal to above normal for September to November 2020 for all islands of Kiribati.