



Kiribati Climate Outlook

September to November 2023

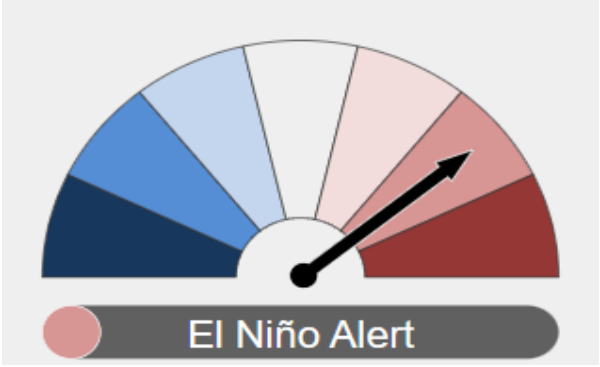
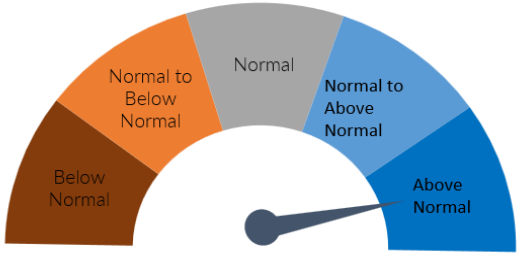
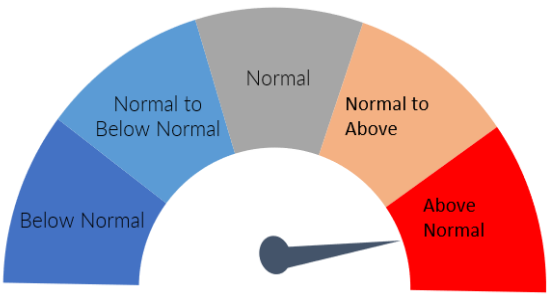
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Highlights

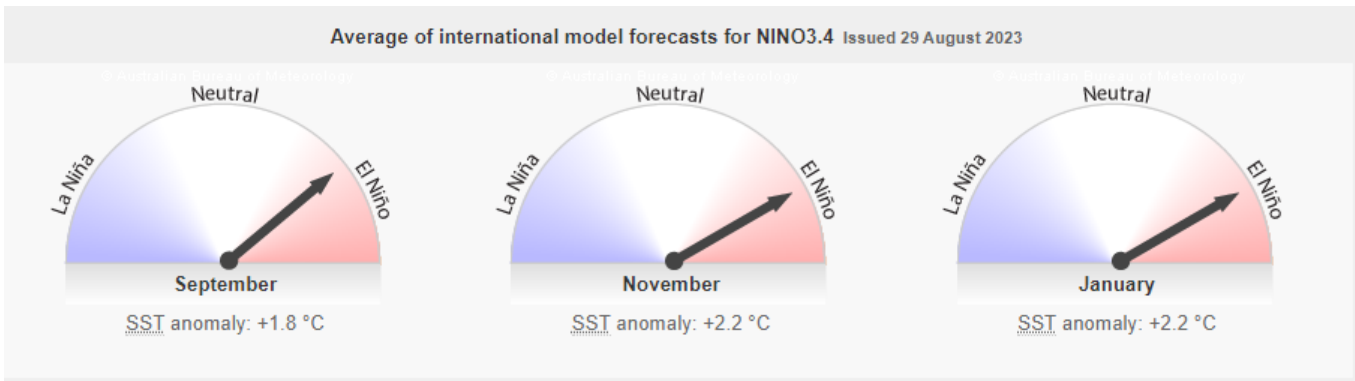
 <p>A semi-circular gauge with 10 segments. From left to right, the segments are: dark blue, medium blue, light blue, white, light pink, medium pink, dark pink, red, dark red, and black. An arrow points from the center to the dark pink segment. Below the gauge is a red circle and the text 'El Niño Alert'.</p>	<p>ENSO Outlook:</p> <p>The ENSO status remains at El Niño Alert with El Niño development by 70% probability expected for September to November 2023.</p>
 <p>A semi-circular gauge with 5 segments. From left to right, the segments are: brown, orange, grey, light blue, and dark blue. An arrow points from the center to the dark blue segment. Labels: 'Below Normal' (brown), 'Normal to Below Normal' (orange), 'Normal' (grey), 'Normal to Above Normal' (light blue), 'Above Normal' (dark blue).</p>	<p>Rainfall Outlook:</p> <p>Above Normal rainfall is expected over the Kiribati region.</p>
 <p>A semi-circular gauge with 5 segments. From left to right, the segments are: blue, light blue, grey, orange, and red. An arrow points from the center to the red segment. Labels: 'Below Normal' (blue), 'Normal to Below Normal' (light blue), 'Normal' (grey), 'Normal to Above' (orange), 'Above Normal' (red).</p>	<p>Temperature Outlook:</p> <p>Above Normal is favored for all Kiribati Islands.</p>

EL NINO SOUTHERN OSCILLATION (ENSO) UPDATE

The El Niño-Southern Oscillation (ENSO) remains at El Niño Alert with El Niño development is likely in the coming weeks. The Sea surface temperatures (SSTs) in the tropical Pacific are exceeding the El Niño threshold. Models indicate the SST is likely to continue at least through to the end of this year. However, the atmospheric condition is likely to continue neutral ENSO conditions which means that the Pacific Ocean and atmosphere have yet to become fully coupled, as occurs during El Niño events.

The Madden-Julian Oscillation (MJO) is not currently active over the Pacific Region therefore no impact over rainfall expected in the Pacific as well as in the Kiribati islands.

ENSO MODEL OUTLOOK FROM SEPTEMBER 2023 TO JANUARY 2024



Source: BoM website

RAINFALL OUTLOOK

FORECAST 1 (SCOPIC MODEL) – SEPTEMBER TO NOVEMBER 2023

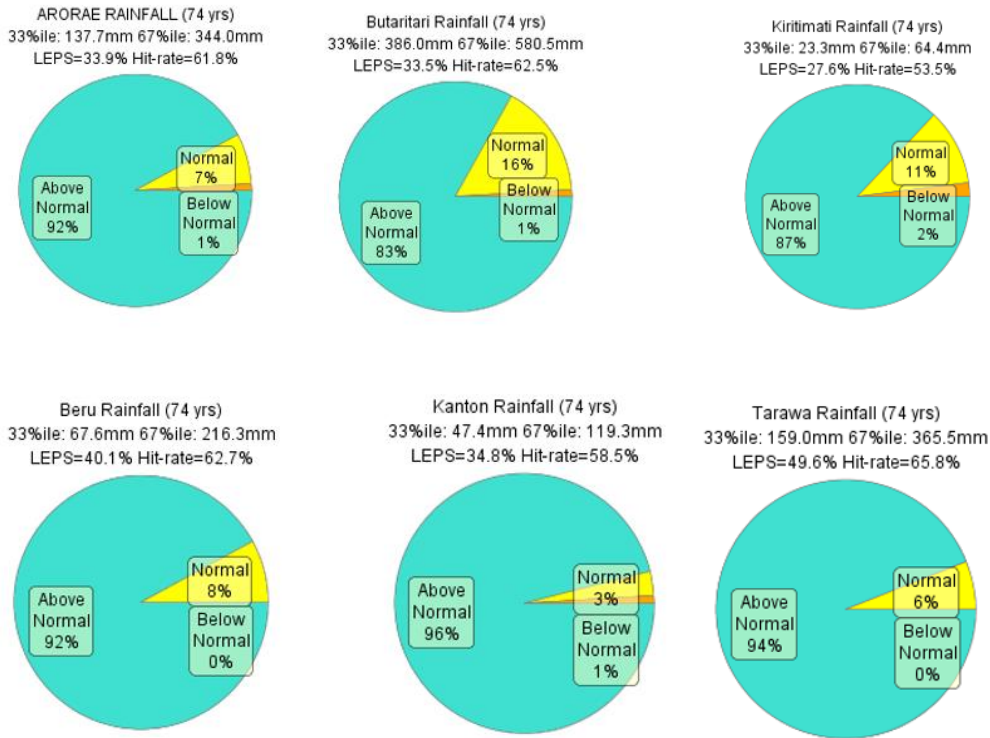


Figure 1: The pie charts given above show rainfall outlook for September to November 2023. Brown color represents below normal rainfall, yellow color is for normal rainfall and blue is above normal.

Seasonal Outlooks for September to November:

- The SCOPIC results for rainfall prediction clearly shows high chance of above normal rainfall to be expected in the coming months over all of the Kiribati islands.

FORECAST 2 (PICASO MODEL) – SEPTEMBER TO NOVEMBER 2023

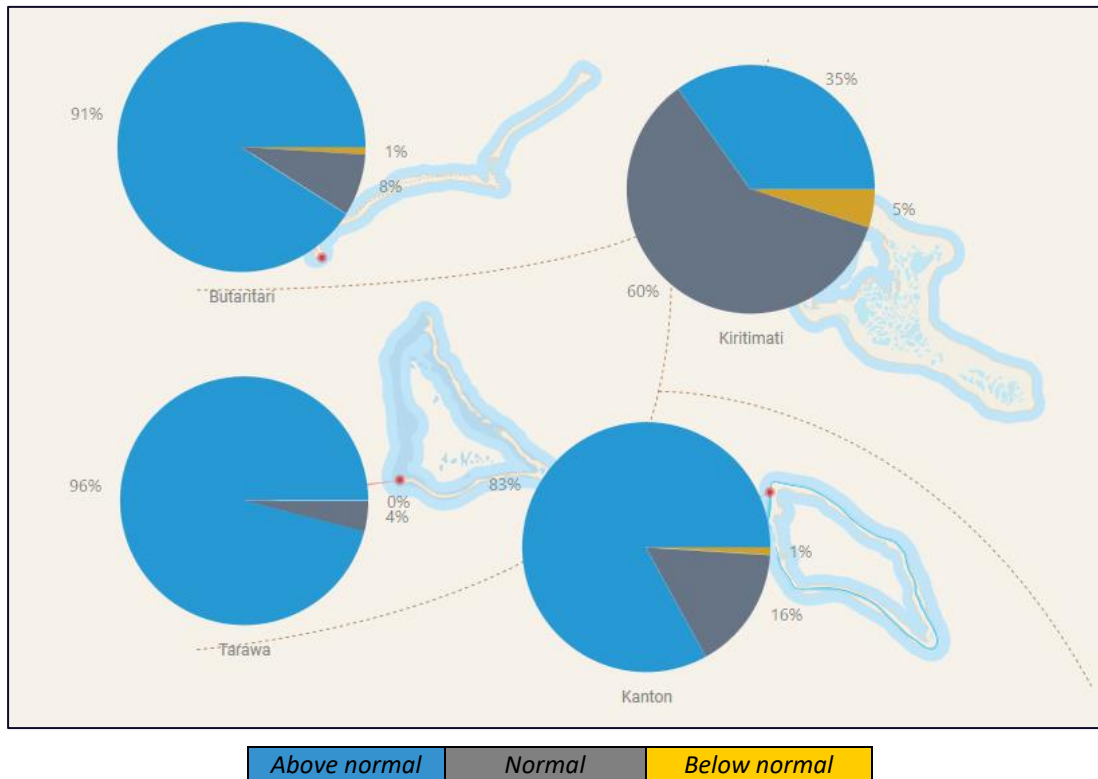


Figure 2: The pie charts above display rainfall outlook for September to November 2023. Brown shade shows below normal rainfall, yellow is for normal and blue is above normal.

Seasonal Outlooks for September to November 2023:

- **Above normal rainfall** is favored for Butaritari, Tarawa and Kanton.
- **Normal rainfall** is favored for Kiritimati Island.

Overall Rainfall Prediction:

The consensus of the models during this time of the year are majority favoring the above normal rainfall for the islands of Kiribati therefore the September to November 2023 rainfall outlook for all islands of Kiribati are expecting **above normal rainfall**.

TEMPERATURE OUTLOOK

CLIKP TEMPERATURE FORECAST – SEPTEMBER TO NOVEMBER 2023

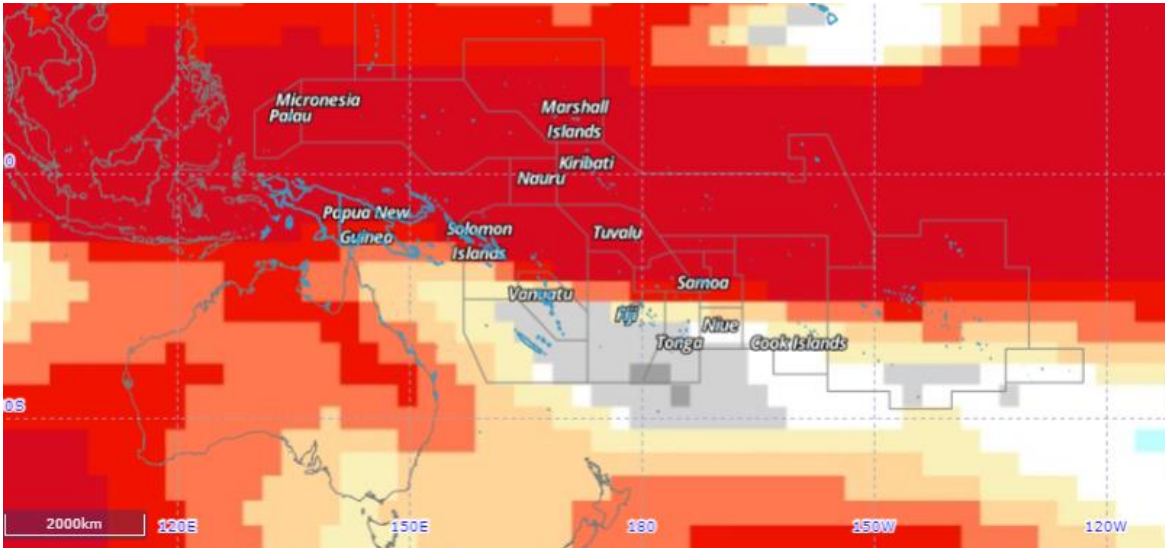


Figure 3: The image above is the air temperature outlook map for September to November 2023

Air temperature Outlooks:

- **Above normal** surface air temperature is expected for all the Kiribati regions.