



# SOLOMON ISLANDS SEASONAL CLIMATE OUTLOOK (November 2023 — January 2024)



This Seasonal outlook is based upon two months average value of August and September 2023 of the Central Eastern and South Western Pacific Ocean sea-surface temperature anomalies. The outlook is presented as the 'probability' or chance of the coming rainfall being in one of the three Tercile Classes – **Below normal, Normal and Above normal**. The lead time is one month.

**Issued on the 16th of October 2023**

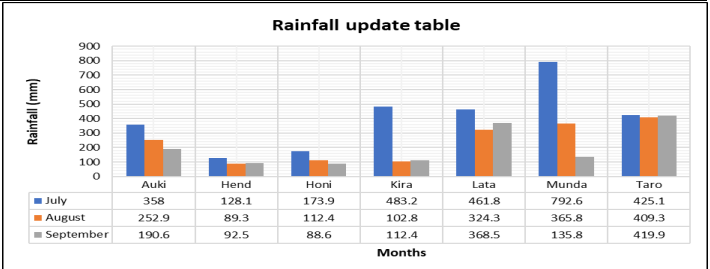
### Summary:

- Normal rainfall observed in most parts over the country.
- Rainfall Outlook (November 2023 — January 2024) shows below-normal rainfall over the country for SCOPIC and above-normal over parts of the central western region and near-normal elsewhere for ACCESS-S.
- El-Nino Southern Oscillation (ENSO) is now declared **"El Niño"**.

### Monthly Rainfall Updates

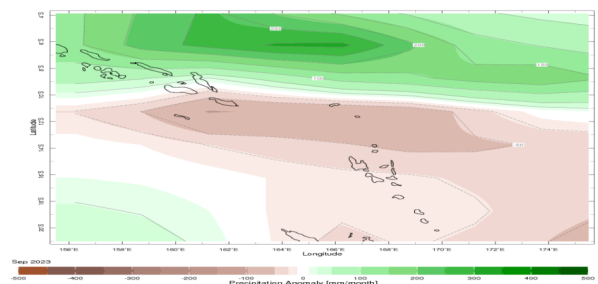
Station (include data period)	September—2023						
	July 2022 Total	August 2022 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Auki (1962 – 2023)	358.0	252.9	190.6	179.5	235.9	194.9	25/61
Henderson (1975 – 2023)	128.1	89.3	92.5	59.7	115.1	85.4	28/49
Honiara (1954 – 2023)	173.9	112.4	88.6	67.2	115.1	79.4	38/68
Kirakira (1965 – 2023)	483.2	102.8	112.4	201.9	319.8	228.8	6/55
Lata (1975 – 2023)	461.8	324.3	368.5	323.2	404.1	357.6	28/49
Munda (1962 – 2023)	792.6	365.8	135.8	210.2	285.5	238.4	8/62
Taro (1975 – 2023)	425.1	409.3	419.9	240.3	297.0	270.8	42/47

September rainfall was above-normal for Taro, normal for Auki, Henderson, Honiara, Lata and below-normal for Kirakira and Munda. Taro recorded the highest recorded the highest rainfall of 419.9 mm for the month of September.



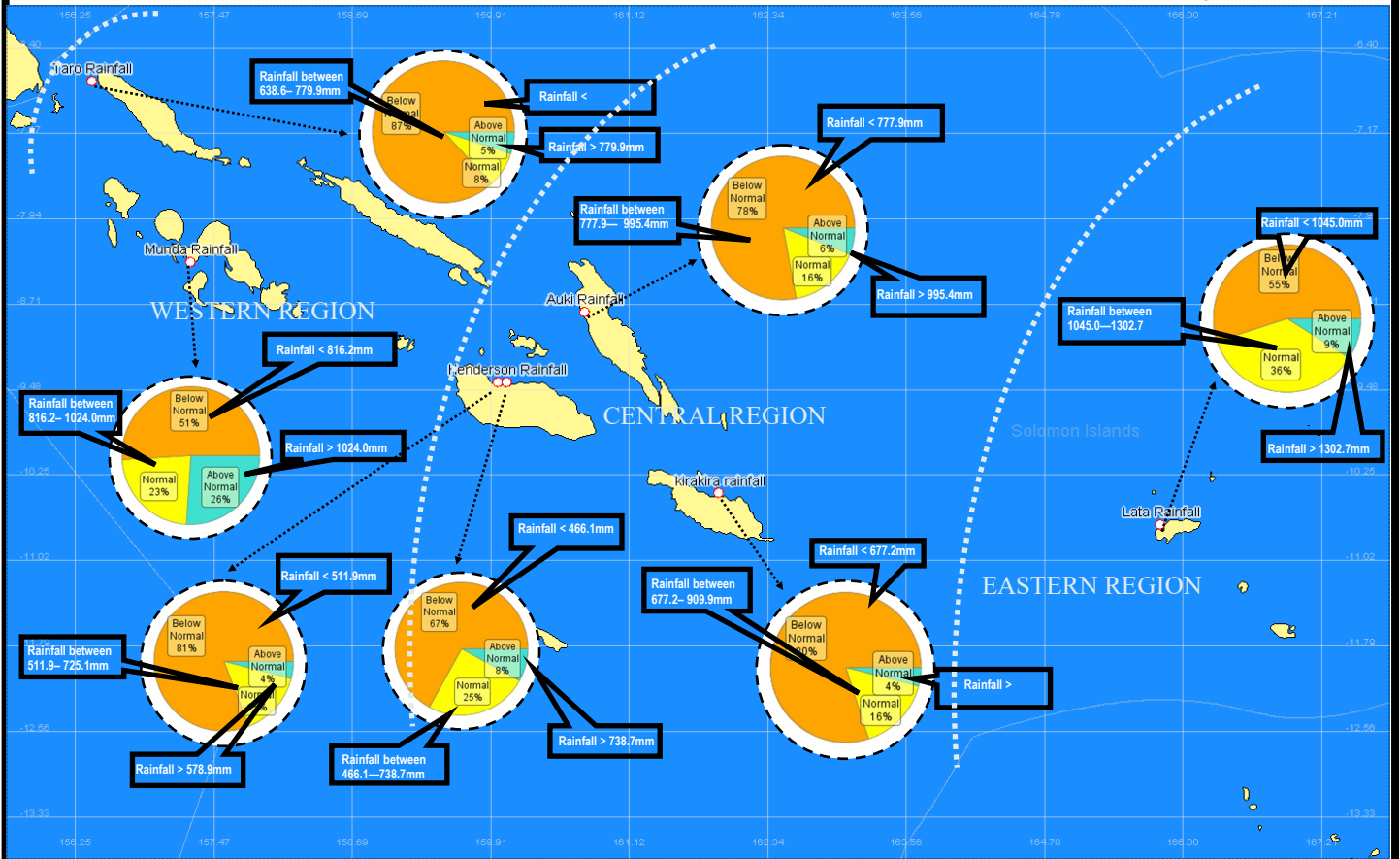
Source - SIMS Climate Services observed rainfall update: July— September 2023

Satellite prediction shows Above-normal rainfall over the western part of the country and near-normal to below-normal over the central and eastern part of the country for the month of September 2023.



Source - NOAA Climate Prediction Centre—September 2023

# SCOPIC RAINFALL OUTLOOK - Rainfall Outlook for November 2023 to January 2024



## Rainfall Outlook

## Skill

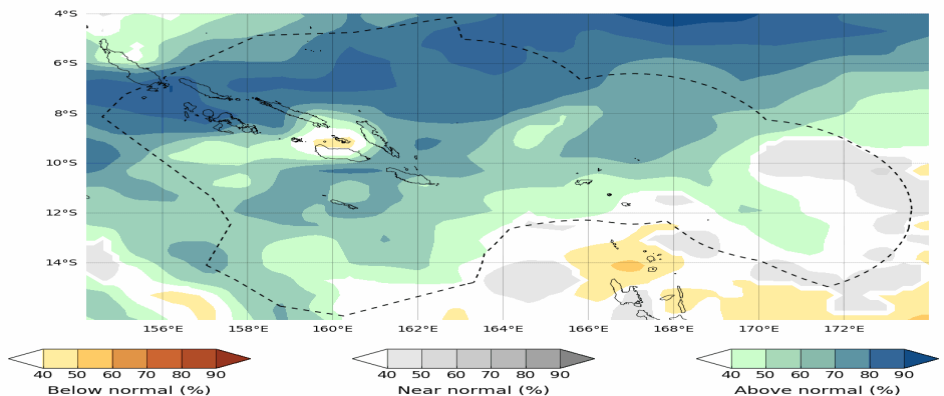
**Below-normal:** Auki Rainfall, Henderson Rainfall, Honiara Rainfall, Kirakira Rainfall, Lata Rainfall, Munda Rainfall and Taro Rainfall.

**Range:** very low  
**Average:** low

**Auki, Henderson, Honiara, Kirakira, Lata, Munda and Taro:** The outlook shows below-normal rainfall as the most likely outcome with normal the next most likely.

## ACCES-S — Fortnightly Rainfall Outlook for 16 to 29 October 2023

Tercile rainfall probabilities for 16 to 29 October 2023

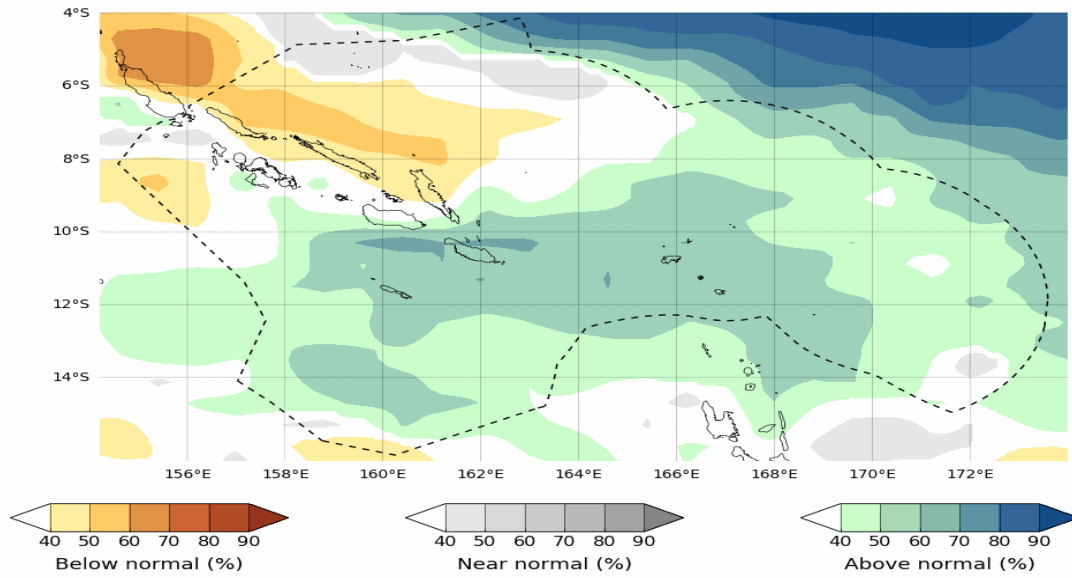


Base period: 1981-2018  
Model: ACCES-S2  
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Choropleth data extracted from: Flinders Marine Institute (2019), Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (200NM), version 11. Available online at <http://www.marineregions.org/>  
Model run: 09/10/2023  
Issued: 11/10/2023

16<sup>th</sup> to 29<sup>th</sup> October rainfall is likely to be above-normal over the country except for areas between Guadalcanal, Malaita and Isabel which shows climatology meaning there is equally likely chance of below-normal, normal and above-normal rainfall.

## ACCESS-S OUTLOOK - Rainfall Outlook for November 2023

Tercile rainfall probabilities for November 2023



Base period: 1981-2018

Model: ACCESS-S2

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Shapefile data extracted from Flanders Marine Institute (2019), Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (200NM), version 11. Available online at <http://www.marinerregions.org/>

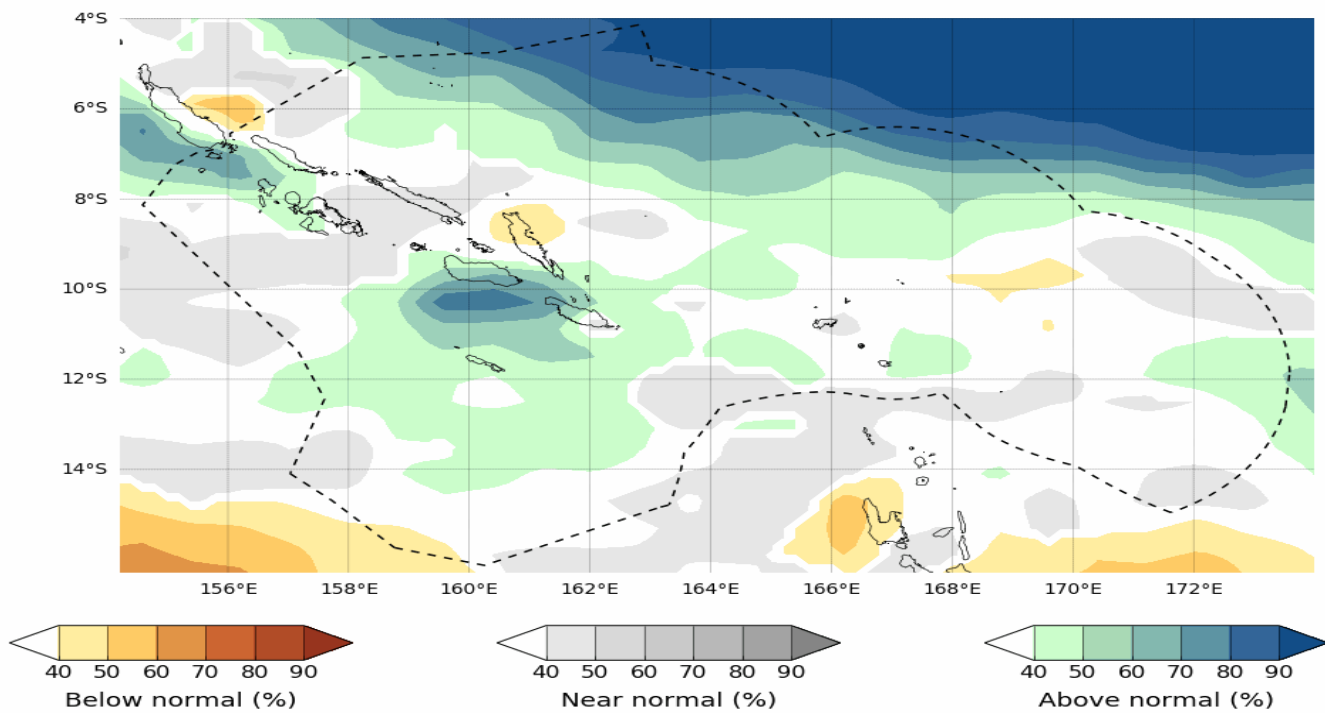
Model run: 09/10/2023

Issued: 11/10/2023

November rainfall is likely to be above-normal for Makira and Temotu provinces and southern side of Guadalcanal province. Below-normal for Malaita, Isabel and Choiseul Provinces. The rest of the country shows climatology.

## ACCESS-S — Rainfall Outlook for November 2023 to January 2024

Tercile rainfall probabilities for November 2023 to January 2024



Base period: 1981-2018

Model: ACCESS-S2

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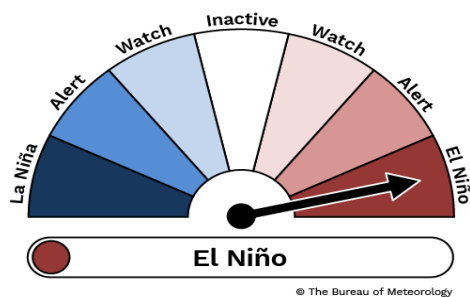
Shapefile data extracted from Flanders Marine Institute (2019), Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (200NM), version 11. Available online at <http://www.marinerregions.org/>

Model run: 09/10/2023

Issued: 11/10/2023

November 2023 to January 2024 rainfall is likely to be above-normal for Guadalcanal, Makira and the western most part of Western province and near-normal elsewhere.

## El Niño Southern Oscillation (ENSO) Update



**Current and Outlook Status:**

The El Niño–Southern Oscillation (ENSO) is now declared for **El Niño**.

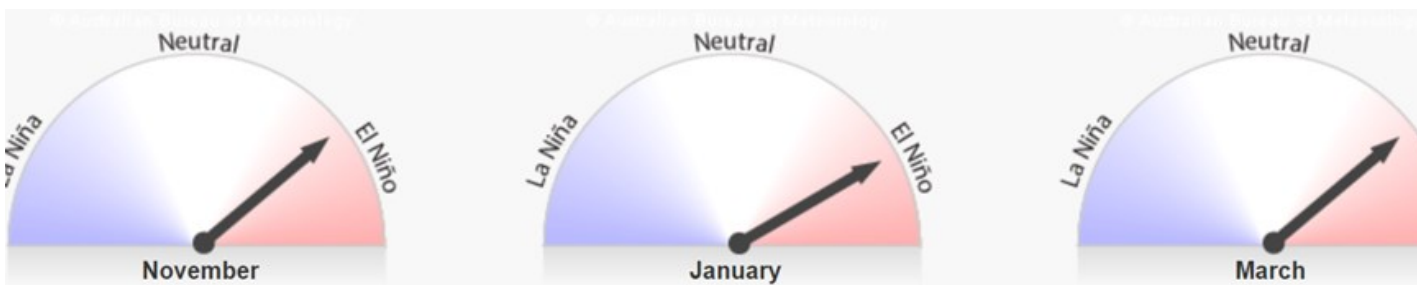
**Outlook:**

El Niño is likely to continue until at least the early part of next year 2024.

**El Niño**—Associated with Below normal rainfall.

**NEUTRAL**—Associated with Normal rainfall.

**LA NINA**—Associated with Above normal rainfall.



Source—Bureau of Meteorology (BOM), Australia, November 2023 to March 2024

**Disclaimer:**

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