



Solomon Islands Meteorological Service

Early Action Rainfall Watch

July 2025



This bulletin is produced using the MalaClim Model, which is based on the October to December monthly rainfall to provide an Early Warning System for Malaria transmission risk on the North Guadalcanal for the period January to June.

Coming Up:

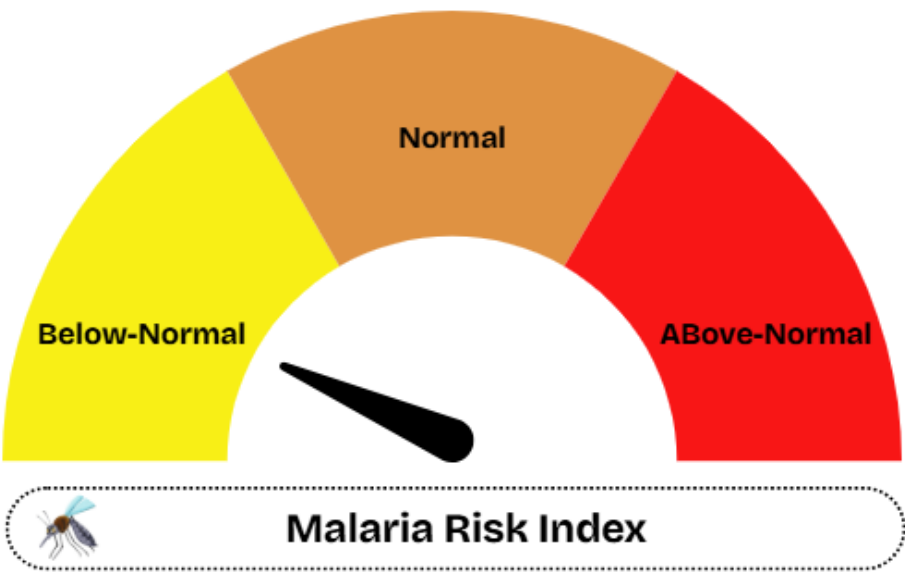
- A slightly below-normal malaria transmission was reported during the malaria transmission period from January to June 2025.
- The ENSO status is currently “Neutral”.
- Rainfall outlook is likely above-normal for northwest Guadalcanal in the coming season.

Malaria Rainfall Watch Update:

Northern Guadalcanal Malaria Early Warning System OCTOBER
—DECEMBER 2024 Rainfall Thresholds (mm) for Honiara.

UPPER Threshold
570 mm

LOWER Threshold
540 mm

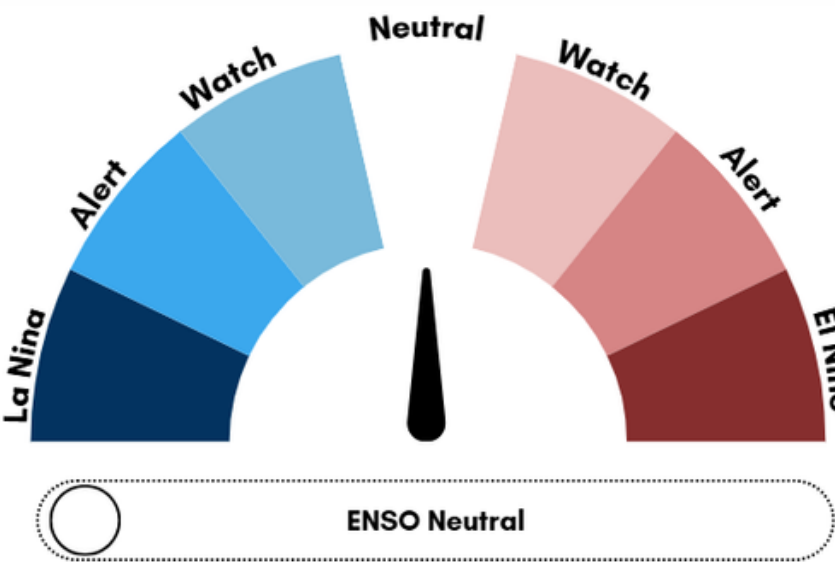


“Therefore, the Malaria transmission risk outlook for the Northern Guadalcanal region for the period—January to June 2025 is **BELOW-NORMAL RISK**”.

HONIARA RAINFALL Updates				
Year	Oct	Nov	Dec	Total
2023	314.7	269.5	213.5	797.7
2024	89.9	207.2	303.2	600.3

The total rainfall observed for the period October to December 2024 is 600.3 mm. The observed rainfall total is above the upper threshold of 540 mm. The rainfall outlook for the period October to December 2024 for northern Guadalcanal is likely to be above normal for the period.

El Nino Southern Oscillation (ENSO) Update



- ✓ **Current Status:**
ENSO is currently in Neutral Phase (neither El Niño nor La Niña)
- ✓ **Outlook:**
ENSO is expected to remain neutral in the coming months.



ENSO Phases and Distinctive Rainfall Conditions:

- 1

La Nina

Associate with above-normal rainfalls
- 2

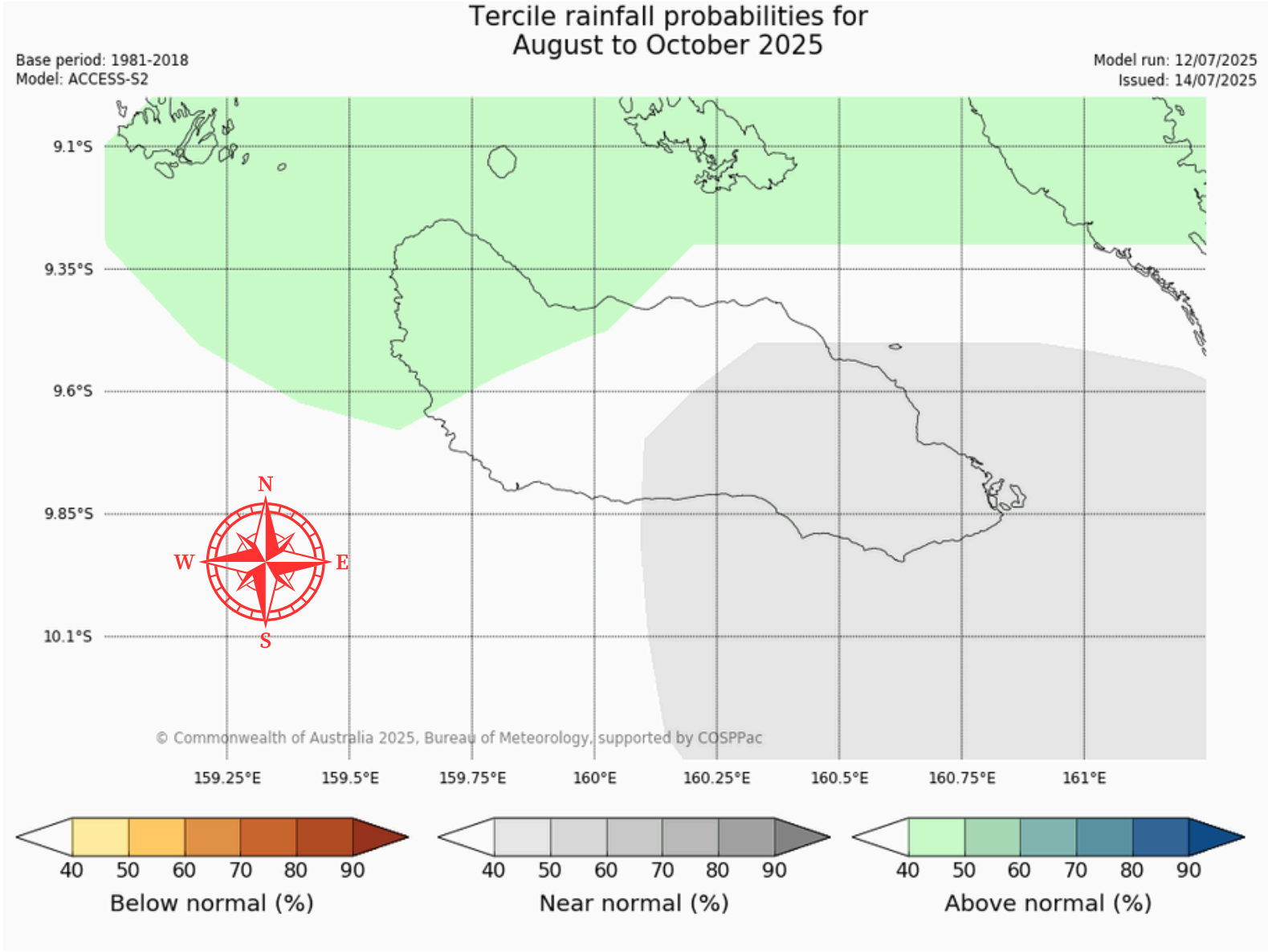
Neutral

Associated with Moderate to near-normal rainfalls
- 3

El Nino

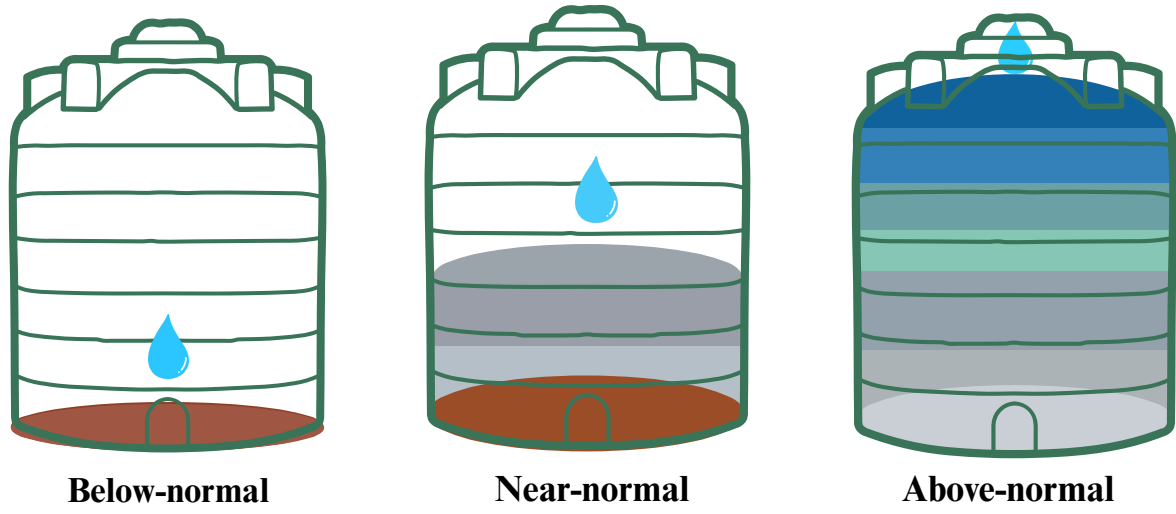
Associated with below-normal rainfalls, sometimes rainfall is suppressed for a period.

Northern Guadalcanal Rainfall Prediction— August to October 2025

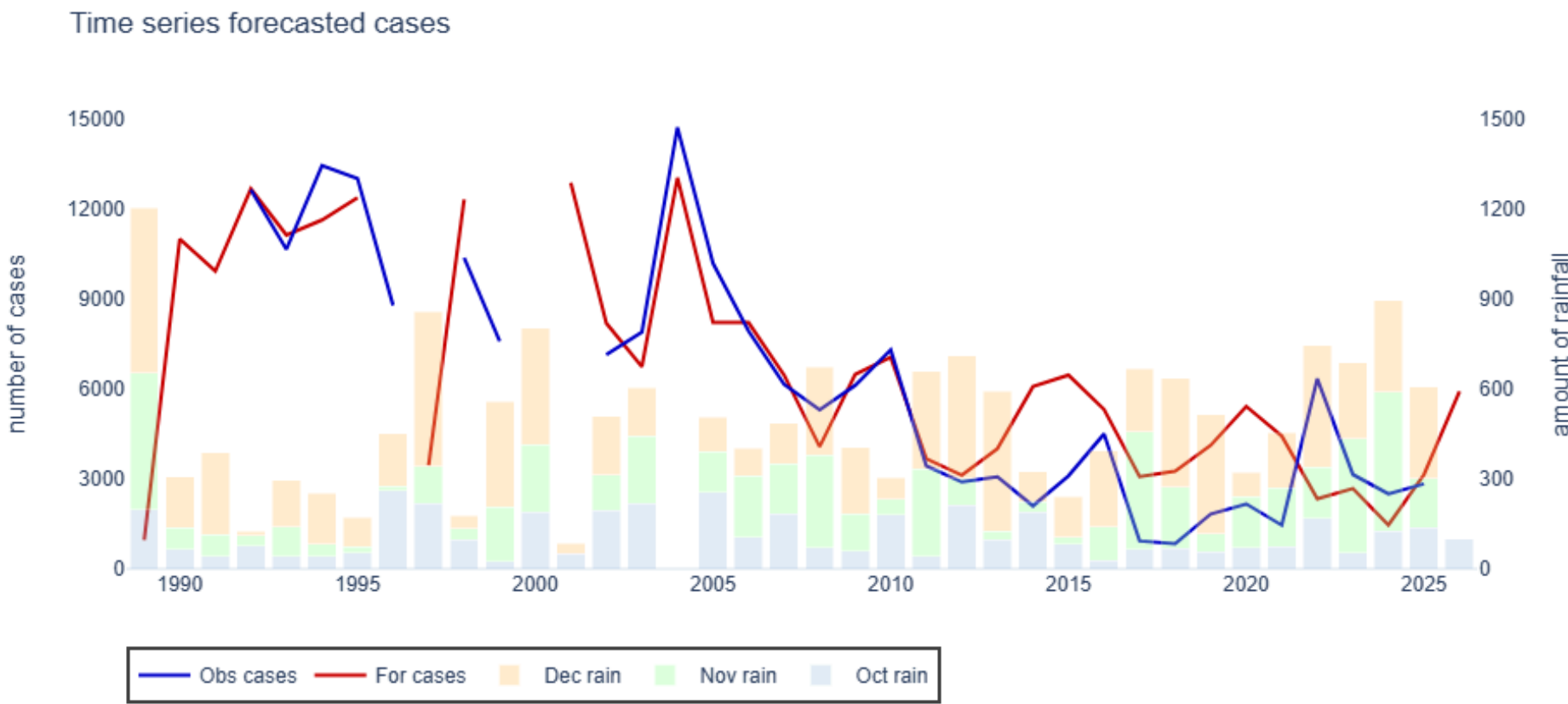


The outlook for the next three months indicated above-normal rainfalls for the western end of Northern Guadalcanal.

Tercile Rainfall Category Descriptions:



Malaria case Verification—January to June 2025



Malaria season period—January to June 2025 was predicted for below normal risk of malaria with expected cases of 1,461. The rainfall observed for the period—October to December 2024, was 600.3 mm, which falls above the upper threshold. 2,834 cases of malaria were reported for Northern Guadalcanal during the malaria season (January to June 2025). The result was nearly consistent with its forecast (below normal risk of malaria transmissions), which is slightly above the forecasted cases of 1461.

Disclaimer:

The Rainfall WATCH Bulletin provided in this document is presented for the Health sector—Malaria (vector-borne) operations. The information should be used as a guide only. Solomon Islands Meteorological Service takes all measures in providing accurate information however, it does not guarantee 100% accuracy of the forecast provided in this summary. The Vector borne operations should be consulted for expert advice, clarification and further information when necessary. The user take all risks resulting indirectly or directly from the use of the rainfall prediction information..

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