

## Pacific Weekly ACCESS-S Update Wednesday 13 August 2025

### Ocean Outlook, fortnight to 29 August:

- Sea surface temperature (SST) forecasts more than 0.8°C **above-normal** are favoured in the following country Exclusive Economic Zone (EEZs): southern FSM, PNG, Solomon Is., Vanuatu, New Caledonia, most of Fiji, southern Tuvalu, W & F, central French Polynesia and northern Pitcairn Is. SST anomalies above 1.2°C are favoured in most of PNG, parts of New Caledonia and patches of French Polynesia. Elsewhere, SSTs are predicted to be **near-normal**.
- Notably, the **above-normal** sea level (>100 mm) is predicted for most of Palau, northwestern FSM, southern Guam and western CNMI. **Below-normal** sea levels (<100 mm) are predicted central Niue, central CNMI, and small patches in the southern New Caledonia, southern French Polynesia and southern Cook Islands. Elsewhere, sea levels are expected to be **near-normal**. Note that sea level anomalies from ACCESS-S2 do not include global but can include regional sea level trends.
- Tide calendars are available via <https://oceanportal.spc.int/portal/library/>. Sea level and SST skill information can be found in the accompanying presentation.

### Climate Outlook, fortnight to 29 August:

- In the outlook, the risk of tropical cyclone occurrence is significantly increased in the region near Philippines, Palau, Guam, CNMI, FSM and western Marshall Islands according to the ACCESS-S and ECMWF models.
- Above-normal** rainfall is favoured in the following EEZs: North-western PNG, Palau, Marshall Islands, northern and western FSM, Guam, southern CNMI, parts of Solomon Is., southern Fiji and Tonga, central north French Polynesia and small areas of Samoa and Pitcairn Is. **Below-normal** rainfall is favoured for the following EEZs: Kiribati (southern Gilbert, most of Phoenix and central Line Is.), Tuvalu, Tokelau, and southern parts of French Polynesia and Cook Islands.
- Near-normal maximum and minimum air temperatures** are favoured for parts of the Gilbert Is., the northern Phoenix and Line Is. (Kiribati) and northeastern French Polynesia. Elsewhere **above-normal** temperatures are likely. Remember to review rainfall and air temperature outlook skill information, which can be found in the accompanying presentation.

### Climate Influences:

- El Niño-Southern Oscillation (ENSO)** and **Indian Ocean Dipole (IOD)** remain neutral. Additional information is available via the Southern Hemisphere Monitoring Update - <http://www.bom.gov.au/climate/enso/>.
- For the past 30 days, outgoing longwave radiation observations show that in the far western Pacific the **Intertropical Convergence Zone** is north of its usual position, currently located near Guam. The **South Pacific Convergence Zone** is weaker than usual for this time of year.
- The **Madden-Julian Oscillation (MJO)** is currently weak, located over the western Indian Ocean. Most international models forecast the MJO to strengthen marginally and progress through the Indian Ocean toward the Maritime Continent in the coming fortnight
- Outlooks: <http://www.bom.gov.au/climate/pacific/outlooks/>, <http://oceanportal.spc.int/portal/ocean.html>, [ECMWF Tropical Cyclone Outlook](#)
- Influences: <http://www.bom.gov.au/climate/enso/>

