

## Pacific Weekly ACCESS-S Update Wednesday 2 July 2025

### Ocean Outlook, fortnight to 18 July:

- Sea surface temperature (SST) forecasts more than 0.8°C **above-normal** are favoured in the following country Exclusive Economic Zone (EEZs): Palau, Guam, southern CNMI, western and southern FSM, PNG, western and southern Solomon Is., Vanuatu, New Caledonia, most of Fiji, south and west Tonga, small patches of south-eastern French Polynesia, Pitcairn Is. and patches on southern Cook Is. SST anomalies above 1.2°C are favoured in north-eastern PNG, most of New Caledonia, central and south-eastern Vanuatu, southern Fiji, south-western Pitcairn Is. and south Tonga. Elsewhere, SSTs are predicted to be **near-normal**.
- Notably, the **above-normal** sea level (>100 mm) is predicted for most of Palau, parts of northern FSM, central CNMI, south-eastern New Caledonia and southern Tonga. **Below-normal** sea levels (<100 mm) are predicted for small patches across Niue, Tonga, southern Cook Is., eastern Pitcairn Is. and southern French Polynesia. 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 18 July:

- For the week 7-13 July the risk of tropical cyclone occurrence is significantly increased for the region over Palau, western FSM, Guam and CNMI, extending west and north to include Japan, Taiwan and China according to the ACCESS-S and ECMWF models, the risk is increased for the same region for the week of 14-20 July.
- Above-normal** rainfall is favoured in the following EEZs: far northern CNMI, central Palau, eastern FSM, southern RMI, most of PNG and the Solomon Is., patches of central and northern Vanuatu, most of New Caledonia, most of Fiji, central Tuvalu, southern and western Tonga, patches of Niue and central Cook Is., and small patches over French Polynesia. **Below-normal** rainfall is favoured for the following EEZs: northeastern FSM, northern RMI, most of Nauru, parts of near-equatorial Kiribati, southern Line Is. (Kiribati), patches of northern and southern Cook Is., eastern Niue, and parts of Pitcairn Is. and French Polynesia.
- Maximum and minimum air temperatures** are above normal for most of the region. **Near-normal** temperatures are likely for central Line Islands (Kiribati) near the equator, and parts of northern French Polynesia. 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 to 29 June, outgoing longwave radiation observations show the **Intertropical Convergence Zone** is currently weak and located close to its normal position for this time of year, the **South Pacific Convergence Zone** was displaced slightly south of its usual position for this time of the year over Vanuatu.
- The **Madden-Julian Oscillation (MJO)** is not currently influencing Pacific weather patterns and is not forecast to do so over the coming week.
- 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/>

