

Pacific Weekly ACCESS-S Update Wednesday 16 July 2025

Ocean Outlook, fortnight to 1 August:

- Sea surface temperature (SST) forecasts more than 0.8°C **above-normal** are favoured in the following country Exclusive Economic Zone (EEZs): Palau, southern FSM, PNG, southwestern Solomon Is., Vanuatu, New Caledonia, large parts of Fiji, and patches of eastern French Polynesia. SST anomalies above 1.2°C are favoured in north-eastern PNG, most of New Caledonia, Vanuatu, southern Fiji, 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, a small patch of CNMI, parts of southern New Caledonia, and southern Tonga. **Below-normal** sea levels (<100 mm) are predicted for small patches in eastern Niue. 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 1 August:

- For the weeks of 21-27 July and 28 July – 3 August 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.
- Above-normal** rainfall is favoured in the following EEZs: CNMI, Guam, far northern FSM, northern RMI, much of PNG, southern Solomon Is., northern Vanuatu, southern New Caledonia, northern Samoa, central A. Samoa, parts of central Cook Is., central and southern French Polynesia, and Pitcairn Is. **Below-normal** rainfall is favoured for the following EEZs: central and southern Palau, patches of southern and eastern FSM, parts of central RMI, most of Nauru, Phoenix and Line Is. (Kiribati), far northern and eastern PNG, northern Solomon Is., patches of Tuvalu, small patches of Fiji and Tonga, central Niue, northern Tokelau, northern Cook Is. And northern French Polynesia.
- Near-normal maximum and minimum air temperatures** are favoured for northern CNMI, parts of the Gilbert Is., the northern Phoenix and Line Is. (Kiribati), far northern Tonga, eastern Niue, a small patch of southern Cook Is., and small patches of 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 to 13 July, 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** is located close to its normal position for this time of year.
- The **Madden-Julian Oscillation (MJO)** is currently active over the Maritime Continent. The MJO is forecast to strengthen and move into the western Pacific over the coming week, with the potential to influence weather patterns in the region as it progresses.
- 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/>

