

Pacific Weekly ACCESS-S Update Wednesday 30 July 2025

Ocean Outlook, fortnight to 15 August:

- Sea surface temperature (SST) forecasts more than 0.8°C **above-normal** are favoured in the following country Exclusive Economic Zone (EEZs): Palau, central and western FSM, southern Guam, PNG, Solomon Is., Vanuatu, New Caledonia, most of Fiji, southern Tuvalu, northern W & F, southeastern French Polynesia. SST anomalies above 1.2°C are favoured in most of PNG, far western Solomon Islands, central Vanuatu, 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 far southern Tonga. **Below-normal** sea levels (<100 mm) are predicted central Niue, and small patches in the southern Cook 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 15 August:

- The risk of tropica cyclone occurrence is significantly increased for the week of 4 – 11 August in the region near Guam and CNMI according to the ACCESS-S and ECMWF models.
- Above-normal** rainfall is favoured in the following EEZs: central and southern Palau, most of PNG, patches of Solomon Is., central Vanuatu, parts of New Caledonia, patches of Fiji, most of Tonga and Niue, northern W & F, patches of Samoa, small regions in central Cook Is., patch of southern Line Is. (Kiribati), and northern French Polynesia. **Below-normal** rainfall is favoured for the following EEZs: most of Guam and CNMI, central FSM, central and northeastern RMI, most of Nauru, Kiribati (most of Gilbert, northern Phoenix and northern Line Is), parts of the PNG highlands, northern Tuvalu, northern Tokelau, patches of southern Cook Is., parts of French
- Near-normal maximum and minimum air temperatures** are favoured for far northern CNMI, parts of the Gilbert Is., the northern Phoenix and Line Is. (Kiribati), far eastern Fiji, central Niue, parts of the southern Cook Is., and parts of southwestern 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 the **Intertropical Convergence Zone** is currently located to the north of its normal position for this time of year moving it northwards away from FSM. The **South Pacific Convergence Zone** is located close to its normal position for this time of year.
- The **Madden-Julian Oscillation (MJO)** is currently at moderate strength and located in the Pacific Ocean. The MJO is forecast to maintain its strength as it moves out of the Pacific in the coming week.
- Outlooks: <http://www.bom.gov.au/climate/pacific/outlooks/>, <http://oceanportal.spc.int/portal/ocean.html>, [ECMWF Tropical Cyclone Outlook](http://www.bom.gov.au/climate/tropicalcyclone/)
- Influences: <http://www.bom.gov.au/climate/enso/>

