

Pacific Weekly ACCESS-S Update Wednesday 22 October 2025

Ocean Outlook, fortnight to 7 November:

- Sea surface temperature (SST) forecasts more than 0.8°C **above normal** are favoured in the following countries' Exclusive Economic Zones (EEZs): Palau, CNMI, western FSM, PNG, the western half of the Solomon Is, Vanuatu, New Caledonia, southwest Fiji, far southern Tonga, southeastern Cook Is., and the southern half of French Polynesia. SST anomalies above 1.2°C are favoured in large parts of PNG, CNMI, the southwestern Solomon Islands, New Caledonia, and central western Vanuatu. Elsewhere, SSTs are predicted to be **near-normal**.
- Notably, **above-normal** sea levels (>100 mm) are predicted for northern CNMI, western Solomon Islands, eastern FSM, southeast New Caledonia. **Below-normal** sea levels (<100 mm) are indicated Niue, southern Cook Is, central Line Is. (Kiribati) and small parts of southern French Polynesia. Elsewhere, sea levels are expected to be near-normal. Note that sea level anomalies from ACCESS-S2 do not include global trends but can include regional ones.
- 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 7 November:

- The significant risk of tropical cyclone occurrence for the period from 27 October to 9 November has expanded from the South China Sea to the Philippines and far western Pacific Ocean according to the ACCESS-S and ECMWF models.
- Above-normal rainfall** is favoured in the following EEZs: Palau, patches of far eastern and western FSM, central RMI, across land mass of PNG, Vanuatu, New Caledonia, parts of Fiji. **Below-normal rainfall** is favoured for the following EEZs: central FSM, northern PNG, Phoenix Is. (Kiribati), Tokelau, southern parts of the Line Islands (Kiribati), Tuvalu, far northern Cook Islands, southern French Polynesia, and Pitcairn Is.
- Near-normal maximum and minimum** air temperatures are favoured for Nauru, Kiribati, northern Tuvalu, southern Marshall Islands, far northern Tokelau, northern Cook Is, northeastern French Polynesia. The northern Line Islands (Kiribati) and the northernmost part of French Polynesia are expected to experience **below-normal** temperatures. Elsewhere, above-normal temperatures are likely. Please review the skill information on the rainfall and air temperature outlook, which can be found in the accompanying presentation.

Climate Influences:

- El Niño-Southern Oscillation (ENSO)** remains neutral. The **Indian Ocean Dipole (IOD)** is negative. 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 have shown that the **Intertropical Convergence Zone** is close to its normal position for this time of year. The **South Pacific Convergence Zone** is located slightly south over PNG and Solomon Islands.
- The **Madden-Julian Oscillation (MJO)** is currently active over the Indian Ocean. The MJO is forecast to weaken as it moves over the Maritime continent over the next 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/>

