

Pacific Weekly ACCESS-S Update Wednesday 4 June 2025

Ocean Outlook, fortnight to 20 June:

- Sea surface temperature (SST) forecasts more than 0.8°C **above-normal** are favoured in the following country Exclusive Economic Zone (EEZs): northern CNMI, northern RMI, most of PNG, western Solomon Is., most of Vanuatu, New Caledonia, central and southern Fiji, central and western Tonga, patches of southern French Polynesia, and central Pitcairn Islands. SST anomalies above 1.2°C are favoured in eastern PNG and New Caledonia. Elsewhere, SSTs are predicted to be **near-normal**.
- Notably, the **above-normal** sea level (>100 mm) is predicted for Palau, western FSM, western CNMI, western Solomon Is., southeastern New Caledonia, southern Tonga and southern Fiji. **Below-normal** sea levels (<100 mm) are predicted for parts of far northern CNMI, southern Tuvalu, eastern Tokelau, southern Cook Is., and patches in 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 20 June:

- There is a slight increase in risk of tropical cyclone (TC) occurrence in the Northwest Pacific near the Philippines from 9 to 15 June, according to the ACCESS-S and ECMWF models.
- Above-normal** rainfall is favoured in the following EEZs: northern Palau, Guam, CNMI, northwestern FSM, far northern RMI, patches of PNG islands, northeastern Solomon Is., Tuvalu, Wallis & Futuna, Tokelau, A. Samoa and Samoa, northern Cooks Is., southern Line Is. (Kiribati), and most of French Polynesia. A stronger signal is located over the CNMI, Guam, Tokelau, northern Cook Is., and southern Line Is. **Below-normal** rainfall is favoured for the following country Exclusive Economic Zones (EEZs): southern and eastern FSM, southern RMI, Nauru, Gilberts, northern Phoenix, and central Line Is. (Kiribati), southeastern New Caledonia, Vanuatu, central and southern Fiji, southern Tonga, and southern French Polynesia.
- Maximum and minimum air temperatures** are above normal for most of the region. **Near-normal** temperatures are located for the far northern and central Line Is. (Kiribati), eastern Tonga, Niue, southern Cook Is. and southwestern and northeastern 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)** are currently neutral. Additional information is available via the Southern Hemisphere Monitoring Update - <http://www.bom.gov.au/climate/enso>.
- For the past 30 days to 1 June, outgoing longwave radiation observations show the Intertropical Convergence Zone was close to its normal position in the far western Pacific, and the South Pacific Convergence Zone was located near its usual position for this time of the year, close to PNG and the Solomon Islands.
- The **Madden-Julian Oscillation (MJO)** is currently active over the Western Pacific, it is forecast to strengthen as it moves east over the coming week. Following this, there is a large degree of uncertainty in the MJO forecast between global models.
- 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/>

