

Pacific Weekly ACCESS-S Update Wednesday 21 May 2025

Ocean Outlook, fortnight to 6 June:

- Sea surface temperature (SST) forecasts more than 0.8°C **above-normal** are favoured in the following country EEZs: northern CNMI, Palau, southwest parts of FSM, eastern and northern PNG, western and central Solomon Is, southern and northern edge of Vanuatu, and New Caledonia. SST anomalies above 1.2°C are favoured in small area in southeast New Caledonia. Elsewhere, SSTs are predicted to be **near-normal**.
- Notably, **above-normal** sea level (>100 mm) is predicted for western FSM and eastern Palau, central and southern CNMI, and parts of the Solomon Is. **Below-normal** sea level (<100 mm) is predicted for parts of Line Is. (Kiribati), small regions in the central and northern Cook Is., eastern Tuvalu and far northern Wallis & Futuna. 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 6 June:

- There is reduced risk of tropical cyclone (TC) occurrence in the Northwest Pacific from 26 May to 6 June, according to the ACCESS-S and ECMWF models.
- Above-normal** rainfall is favoured in the following EEZs: far south Palau, southern CNMI and Guam, northern Nauru, Solomon Is, northern half of Vanuatu, far north New Caledonia, most of Fiji and Tonga, most of Wallis & Futuna, A. Samoa and Samoa, western Niue, northern and central Cooks Is., south of the Line Islands Kiribati and central French Polynesia. **Below-normal** rainfall is favoured for the following country EEZs: central RMI, central FSM, parts of Palau, north of Line Islands Kiribati, southern New Caledonia, patches of the southern Cook Islands and southern French Polynesia.
- Maximum and minimum air temperatures are **above-normal** for most of the region. Near normal temperatures are north of Kiribati.
- 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>.
- Over the 30 days to 17 May, outgoing longwave radiation observations suggest little activity associated with the **Intertropical Convergence Zone**, 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 weak and located in the Western Pacific, but strengthens very slightly as it moves east over the coming 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/>

