

## Pacific Weekly ACCESS-S Update Wednesday 16 April 2025

### Ocean Outlook, fortnight to 2 May:

- Sea surface temperature (SST) forecasts more than 0.8°C **above normal** are favoured in the following country EEZs: southern Palau, CNMI, southern Line Is. (Kiribati), most of PNG, western and southern Solomon Is., western and southern Vanuatu, most of New Caledonia, eastern Fiji and Rotuma, most of Tonga, Niue, A. Samoa, northern Cook Is., patches of French Polynesia, and northeastern Pitcairn Is. SST anomalies above 1.2°C are favoured in northern CNMI, southern PNG, southern New Caledonia, and southern French Polynesia. Elsewhere, SSTs are predicted to be **near-normal**.
- Notably, **above normal** sea level (>100 mm) is predicted for northern Palau, Yap State and northern FSM, Guam, western and eastern CNMI, most of the Solomon Is., southwestern Tuvalu, southern Fiji, and southern Tonga. **Below normal** sea level (<100 mm) is predicted for parts of the southern Line Is. (Kiribati), and northern Cook Is. 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 2 May:

- There is a **reduced or normal risk** of tropical cyclone (TC) occurrence in the SW Pacific region over 21 - 27 April, according to the ACCESS-S and ECMWF models.
- Above normal** rainfall is favoured in the following EEZs: southern Palau, far northern RMI, most of PNG, Solomon Is., Vanuatu, northern New Caledonia, most of Fiji, Tuvalu, Tokelau, Wallis & Futuna, Samoa, A. Samoa, northern Niue, central and northern Cooks Is., southern Phoenix & southern Line Is (Kiribati), most of French Polynesia, and Pitcairn Is. **Below normal** rainfall is favoured for the following country EEZs: central and eastern FSM, most of RMI, Nauru, northern Gilbert and Line Is. (Kiribati), southern New Caledonia, southern Niue, southern Cook Is., southwestern French Polynesia.
- Maximum and minimum air temperatures are considered **normal** in the following country EEZs: Nauru, Kiribati (excluding southern Line Is.), southeastern Vanuatu, southeastern New Caledonia, far southeastern Cook Is., southwestern French Polynesia. Elsewhere, there is a strong likelihood of **above-normal** temperatures.
- 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 neutral. Additional information is available via the Southern Hemisphere Monitoring Update- <http://www.bom.gov.au/climate/enso>.
- Over the 30 days to 12 April, outgoing longwave radiation observations suggest the **Intertropical Convergence Zone** was confined to the western Pacific above FSM, and the **South Pacific Convergence Zone** was near the average position over PNG and Solomon Is. then displaced southwards over Vanuatu.
- The **Madden-Julian Oscillation (MJO)**, as of 13 April, is relatively weak. The ACCESS-S outlook suggests that MJO might strengthen in the central Pacific over the next week.

**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/>

