



COSPPac
Climate and Oceans Support
Program in the Pacific



Australian Government
Bureau of Meteorology



SPREP
Secretariat of the Pacific Regional
Environment Programme

Regional Climate Watch

To: NMHS in the western Pacific Islands region

The Regional Climate Watch is a guidance product designed for heightening National Meteorological and Hydrological Services awareness of an ongoing or high probability foreseen climate anomaly and its potential impacts on communities so that they can take appropriate action. This watch is disseminated to serve as a mechanism for initiating national preparedness activities and/or a series of events that affect decision-making.

After consultation between the Bureau of Meteorology and SPREP the Pacific RCC-Network Node on Climate Monitoring issues the following guidance information:

Product ID: 20260218-01

Issued: 18 February 2026

Valid from-to: 22 February – 7 March 2026

Next update: 25 February 2026



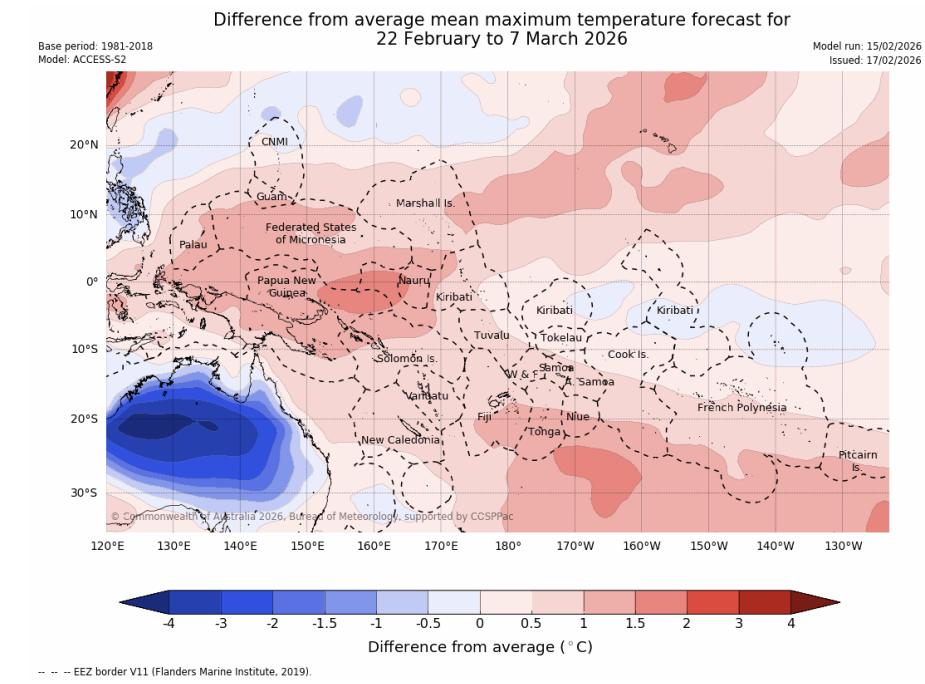
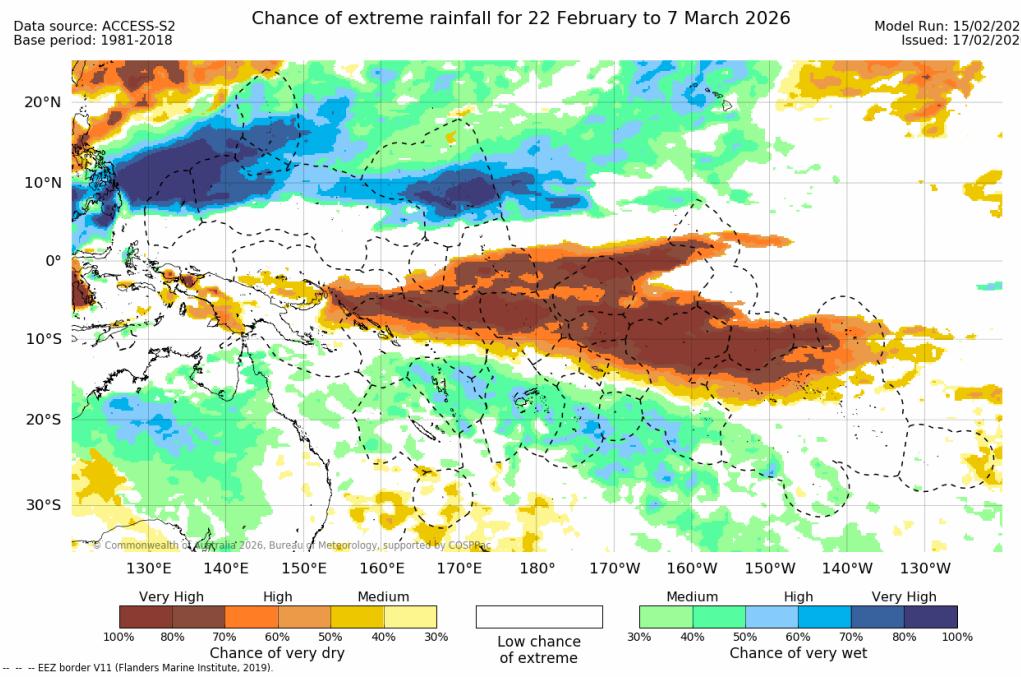
Areas concerned (highlighted in yellow):

- *Commonwealth of the Northern Marianas*
- *Guam*
- *Palau*
- *Federated States of Micronesia*
- *Republic of the Marshall Islands*
- *Papua New Guinea*
- *Solomon Islands*
- *Vanuatu*
- *New Caledonia*
- *Fiji*
- *Wallis & Futuna*
- *Tonga*
- *Niue*
- *Samoa*
- *American Samoa*
- *Cook Islands*
- *French Polynesia*
- *Nauru*
- *Kiribati*
- *Tuvalu*
- *Tokelau*
- *Pitcairn Islands*



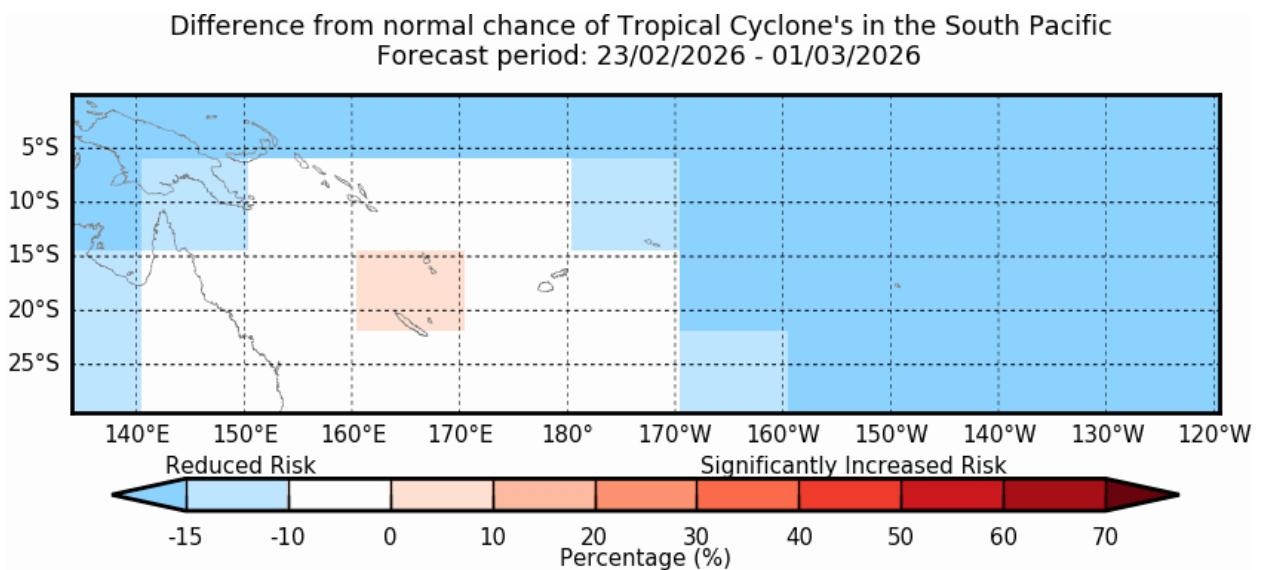
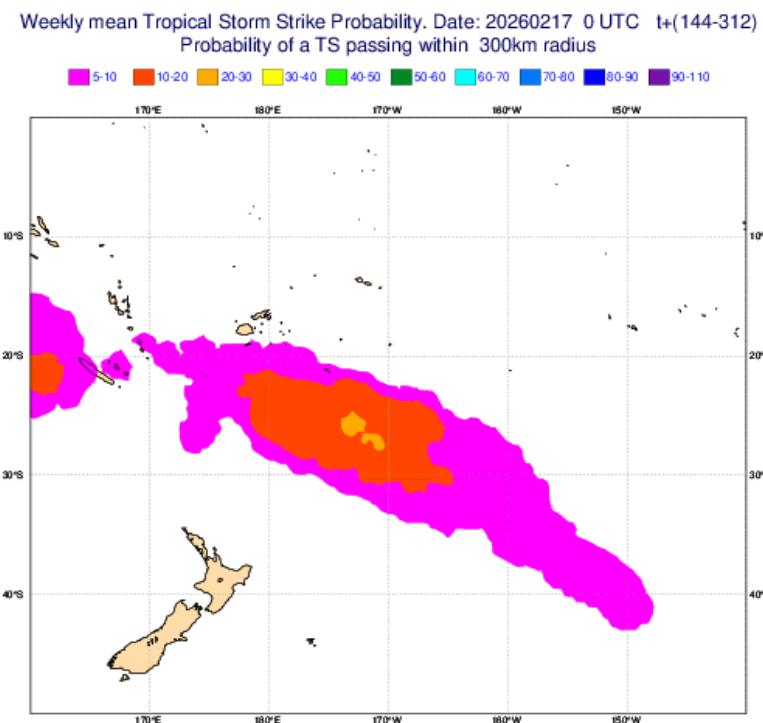
Extreme Rainfall and Extreme Temperature Advisory:

- There's a very high chance of Very Wet conditions for the fortnight of 22 February – 7 March 2026 for the following EEZs: central and northern Palau, northern FSM, Guam, southern CNMI, and central RMI. Fortnightly anomalies are forecast to exceed +75 mm over northern Palau, western FSM, southern RMI, and central Tonga. The advisory for New Caledonia is now cancelled.
- There's a very high chance of Very Warm maximum and minimum air temperatures for the fortnight 22 February – 7 March 2026 across all EEZs, except the Phoenix and Line Islands (Kiribati), far eastern Tuvalu, Tokelau, northern Cook Islands, and northern French Polynesia. Positive anomalies are forecast to exceed 1.5 °C over western Nauru and eastern PNG. The extreme temperature advisory for Vanuatu, Fiji, Tonga and Niue is now cancelled.



Tropical Cyclone Advisory:

- There is an increased risk of Tropical Cyclone (TC) occurrence over New Caledonia and Vanuatu for the week of 23 February – 1 March 2026, according to the ECMWF and ACCESS-S model. This is associated with positive rainfall anomalies of up to 75 mm in the same region.



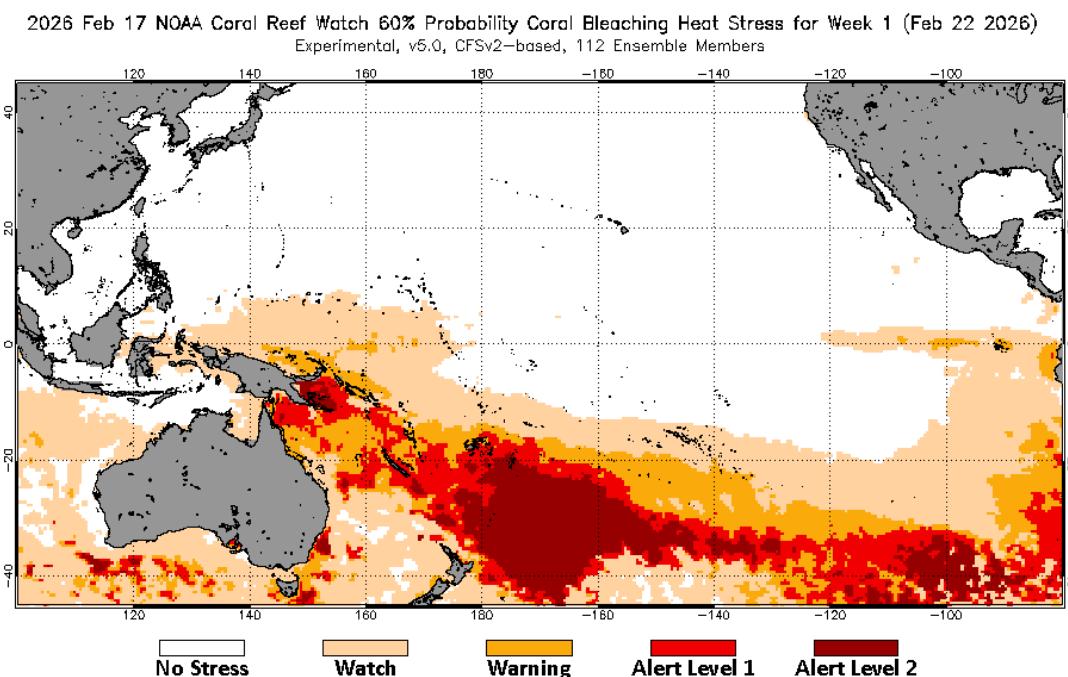
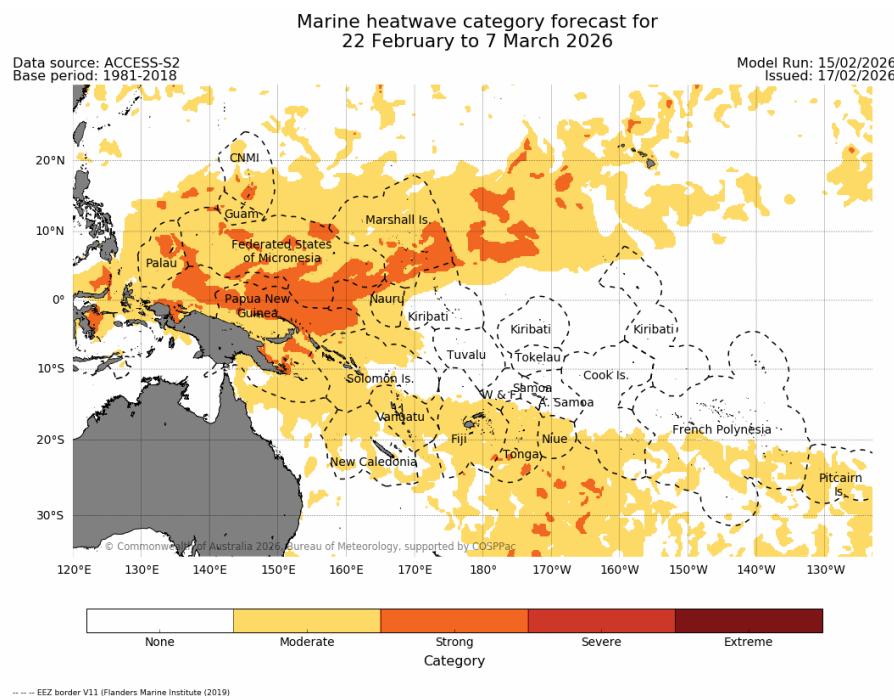
Calibrated Model anomaly probability in overlapping 15 x 20 degree boxes
© Commonwealth of Australia 2026, Australian Bureau of Meteorology

Model: ACCESS_S2 Model Run: 15/02/2026 Issued: 17/02/2026



Marine Heatwave and Coral Bleaching Advisory:

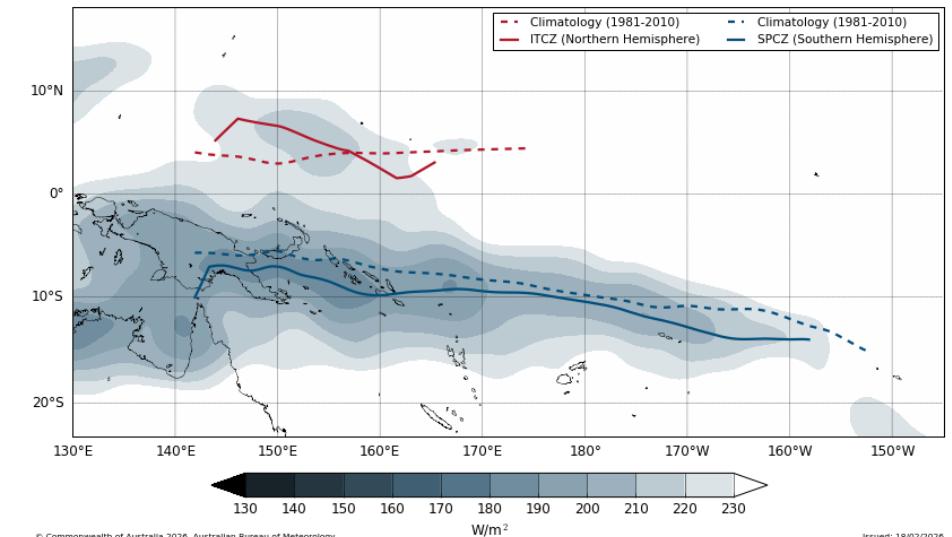
- Marine heatwaves in the strong category are forecast to develop for parts of the following EEZ's: Palau, FSM, CNMI, Guam, RMI, PNG, southern Tonga and far southeastern Fiji for the fortnight 22 February – 7 March 2026. There may be impacts on ocean ecosystems, including stress on marine organisms, species migration, and algal blooms in locations with at least a strong category forecast. The region for the advisory has expanded in the western Pacific when compared to last week, however the advisory is now cancelled for New Caledonia, southern Vanuatu and the southern Cook Islands.
- There remains an alert for coral bleaching for the following EEZs: PNG, New Caledonia, Fiji, Tonga, Niue, and the far southern Cook Islands for the week 22 – 28 February 2026. The alert region has expanded to include large parts of southeastern PNG when compared to the advisory last week.



Climate Influences:

- **El Niño-Southern Oscillation (ENSO)** indicates La Niña continues to weaken.
- The **Indian Ocean Dipole (IOD)** is neutral.
- Additional information is available via the Southern Hemisphere Monitoring Update - <http://www.bom.gov.au/climate/enso>.
- Over the past 30 days, outgoing longwave radiation observations indicate that the **Intertropical Convergence Zone (ITCZ)** is close to its climatologically normal position, and the **South Pacific Convergence Zone (SPCZ)** is located further southwards for this time of year, over the southern Solomon Islands.
- The **Madden-Julian Oscillation (MJO)** is currently active over the Indian Ocean and is forecast move eastwards towards the Maritime continent over the coming days before weakening.

30 Day Average Outgoing Longwave Radiation (OLR) minimum to 2026-02-15



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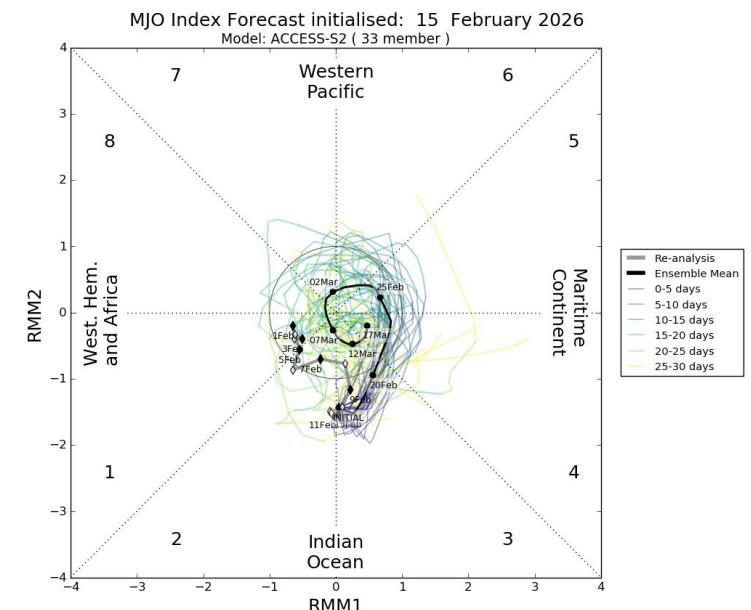
Issued: 18/02/2026

Outlooks: <http://www.bom.gov.au/climate/pacific/outlooks/>,
<http://oceanportal.spc.int/portal/ocean.html>, **ECMWF Tropical Cyclone Outlook**

NOAA Coral Reef Watch 60% Probability Coral Bleaching Heat Stress Weekly

Outlooks (CFS based)

Influences: <http://www.bom.gov.au/climate/enso/>



About Regional Climate Watch guidance

- This information should be used as guidance for the National Meteorological and Hydrological Services (NMHS) in a pre-operational mode. It is up to NMHSs in the specified regions to monitor the status and evolution of the current climate conditions closely and to consider issuing a national advisories.
- We will monitor the evolution of the anomaly, issue updates if significant change arise and close the advice when no clear signal can be detected in the forecasts.
- For more information and feedback please email pacificclimateservices@bom.gov.au. Also, any suggestions on further pieces of information needed by NMHSs is highly welcomed!
- Please note that further climate monitoring and prediction information can be obtained from Pacific RCC-N website (<https://www.pacificmet.net/rcc>)
- The Pacific RCC Network Node on Climate Monitoring is responsible for providing Regional Climate Watch guidance information for NMHSs' own consideration for issuing climate advisories for their territory. The regional watch is currently sponsored by the Australian and New Zealand funded Climate and Ocean Support Program in the Pacific (COSPPac) and delivered by Node on Climate Monitoring consortium members that are COSPPac implementation partners (Bureau of Meteorology and SPREP).