Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 184

Country: Palau

Part 1: Recent climate

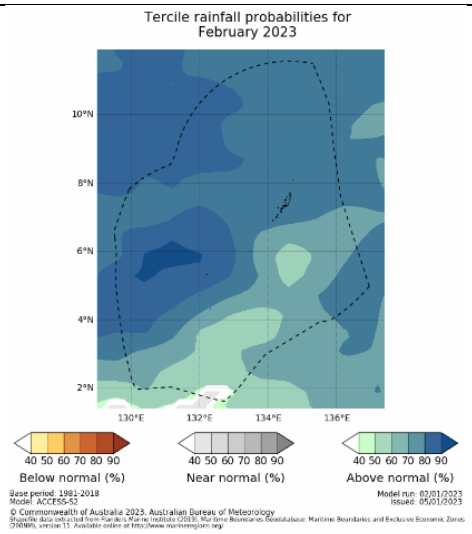
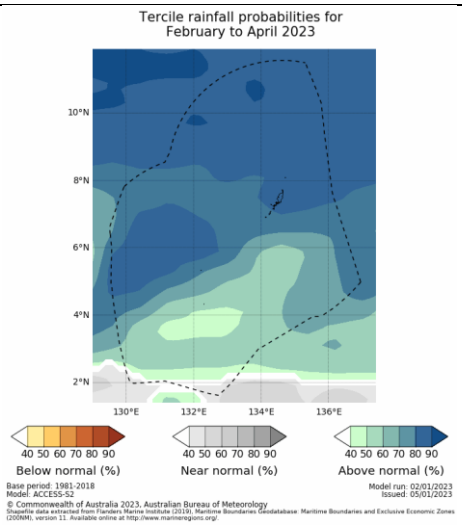
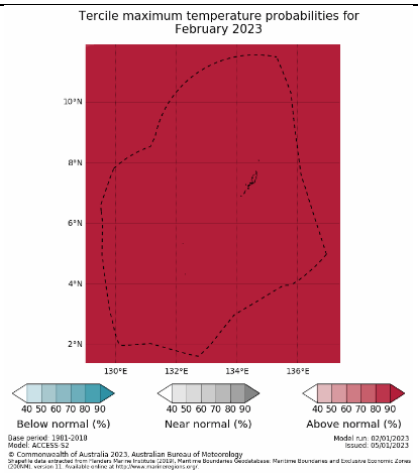
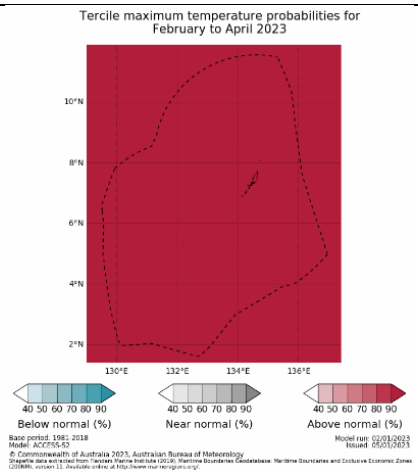
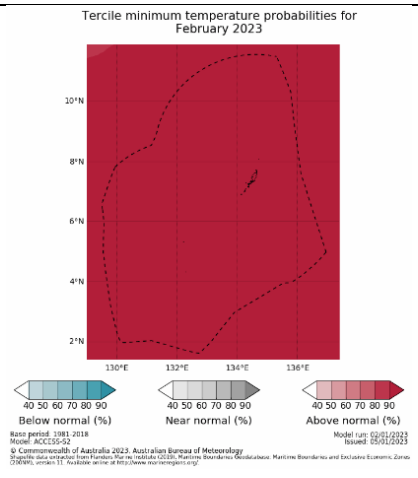
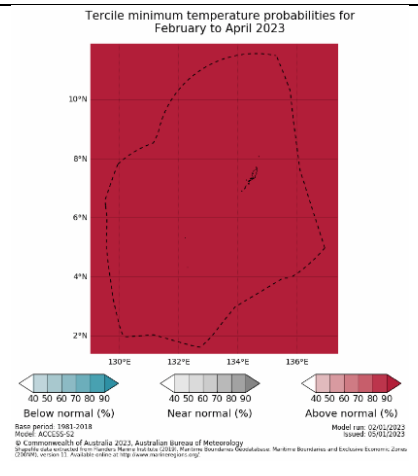
TABLE 1: Monthly Rainfall

Station (include data period)	Oct-2022	Nov-2022	Dec-2022				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Koror Airport (1951-2022)	697.5	210.8	245.1	264.2	352.8	311.1	20/72

TABLE 2: Three-month Total Rainfall for October to December 2022

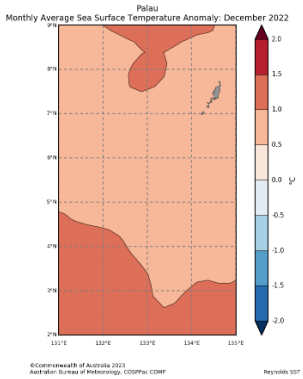
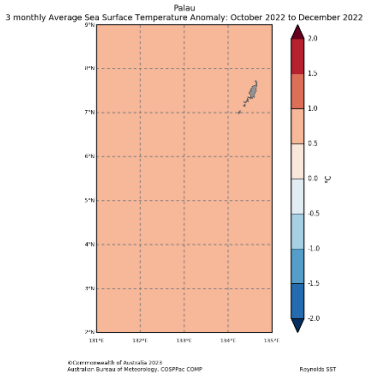
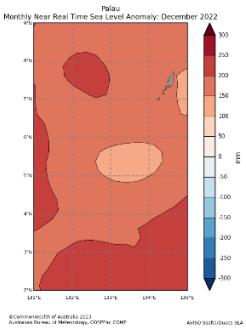
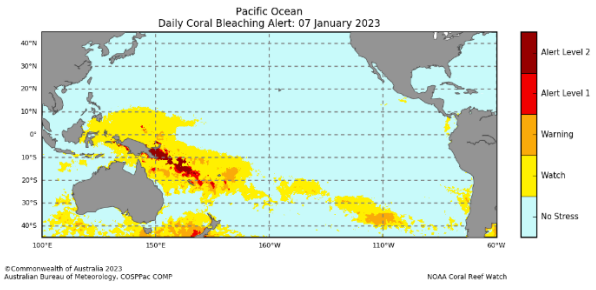
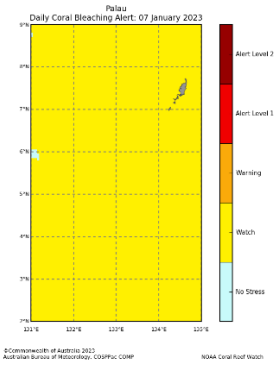
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Koror Airport (1951-2022)	1153.4	Above normal	810.6	1027.6	901.2	61/72

Part 1i. Monthly and Seasonal Outlooks for February and February to April 2023

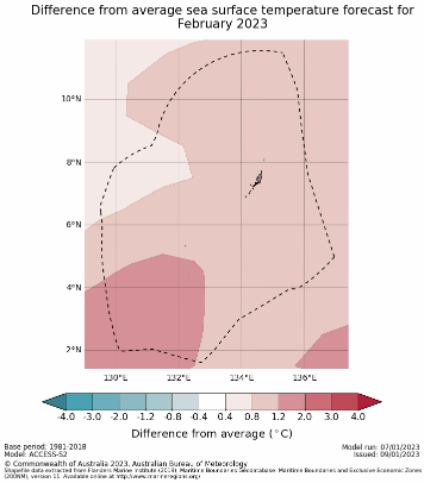
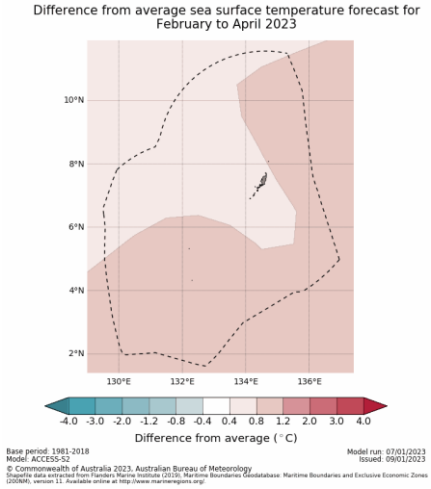
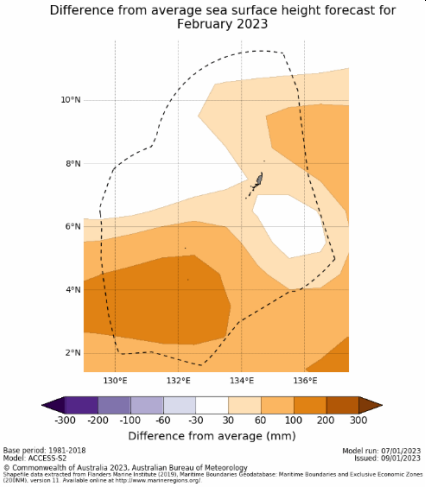
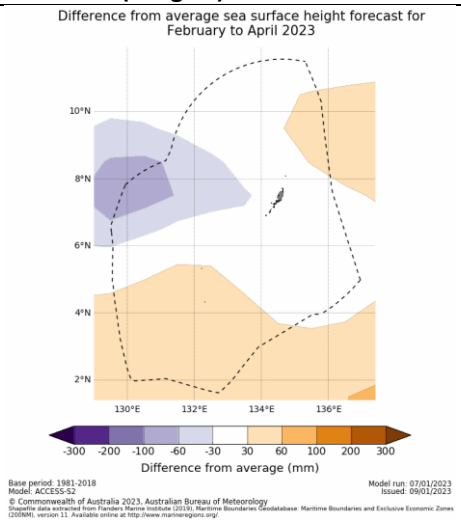
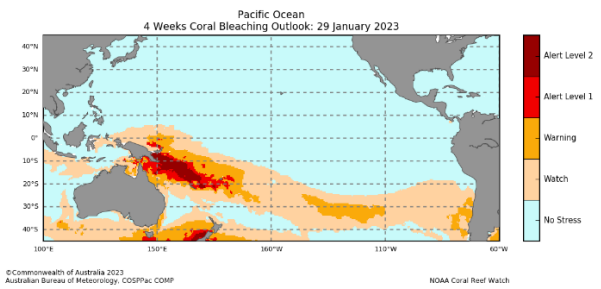
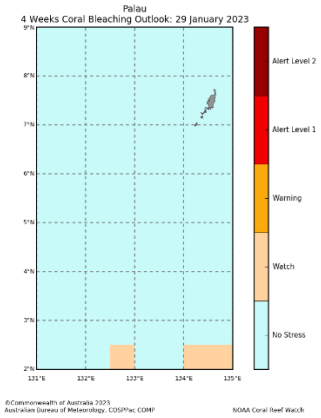
Monthly: February	Seasonal: February to April
Rainfall (Image 1)	**Rainfall (Image 2)**
	
Monthly Maximum temperature (Image 3):	**Seasonal maximum temperature (Image 4):**
	
Monthly minimum temperature (Image 5):	**Seasonal minimum temperature (Image 6):**
	

Part 2: Recent Ocean Observation

Monthly/Three months: December 2022 and October to December 2022

Monthly: December	Last three months: October to December 2022:
Sea Surface Temperature (Image 1):	**Sea Surface Temperature (Image 4):**
	
Sea level (Image 2):	
	
Daily coral bleaching alert (Image 3):	
	

Part 2i. Monthly and Seasonal Outlooks for February and February to April 2023

Monthly: February	Seasonal: February to April
Monthly sea surface temperature (Image 5):	**Seasonal sea surface temperature (Image 6):**
	
Monthly sea level (Image 7):	**Seasonal sea level (Image 8):**
	
4-week Coral Bleaching (Image 9):	
	

Summary Statement

Monthly and last three months: December 2022/October to December 2022 statement

Below normal rainfall was recorded at Koror for December 2022. Above normal rainfall was recorded at Koror for the period October to December 2022.

Part 1i. Monthly and Seasonal Outlooks for February and February to April 2023

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall totals for February and February to April are very likely to be above normal over Koror and the whole country.

Maximum and minimum temperatures during February and averaged over February to April are very likely to be above normal for Koror and the whole country.

Part 2: Recent Ocean summary statement

Monthly and last three months: December/October to December 2022

December ocean temperatures around majority of Palau were 0.5 to 1.0°C above normal rising to 1.0 to 1.5°C above normal for the southwest islands.

Averaged over October to December, ocean temperatures around Palau were 0.5 to 1.0°C above normal.

December sea levels around majority of Palau were 150 mm to 250 mm above normal.

Part 2i. Monthly and Seasonal Outlooks for February and February to April 2023

Ocean Variable statement

February ocean temperatures around the majority of Palau are predicted to be 0.8 to 1.2°C above normal, increasing to 1.2 to 2.0°C above normal for the southwest islands.

Averaged over February to April, ocean temperatures around Palau are predicted to be 0.8 to 1.2°C above normal, decreasing to 0.4 to 0.8°C above normal for Koror and the main islands.

February sea levels around Koror and the main islands are predicted to be 30 mm to 60 mm above normal, increasing to 100 mm to 200 mm above normal over the southwest islands.

Averaged over February to April, sea levels around Koror and the main islands are predicted to be near-average, while sea levels around the southwest islands are predicted to be 30 mm to 60 mm above normal.

Coral bleaching alert reveals a Watch over Koror and the whole country.

Coral bleaching outlook for the next 4 weeks reveals no stress.

TABLE 3: Stakeholder Engagement- Evaluations of how effective NMS engage with stakeholders

Product	Date: December 2022	Stakeholder	Total Number of Participants	Number of male	Number of female
EAR Watch	12	National Emergency Committee (NEC) • Office of the Vice President • Office of the President • NEMO Coordinator • National Weather Service • Bureau of Budget and Planning • Bureau of Tourism • Bureau of Commercial Development • Attorney General's Office • Bureau of Youth, Applied Arts and Careers • Bureau of Public Health • Bureau of Public Work • Bureau of Public Safety • Palau Community College • Bureau of Education Administration • Palau Public Utility Corporation • Palau National Communication Corporation • Bureau of Foreign Affairs& Trade • Bureau of Domestic Affairs • Bureau of Agriculture • Governors Association • Palau Red Cross Society • Environment Quality Protection Board • Bureau of Aviation • Division of Property and Supply • Palau Chamber of Commerce • Palau Visitor's Authority • Bureau of Customs & Boarder Protection Koror State Government	28	19	9
		TOTAL	**28**	**19**	**9**