Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 205

Country: Kiribati

Part 1: Recent climate

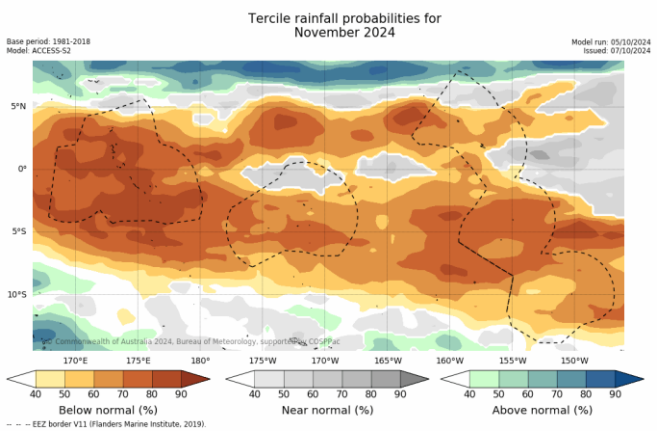
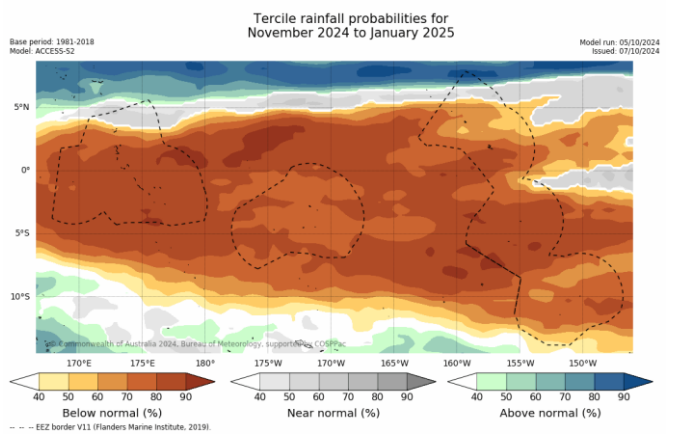
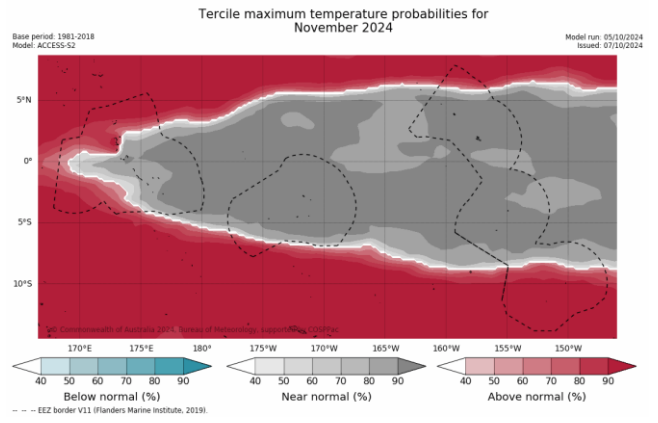
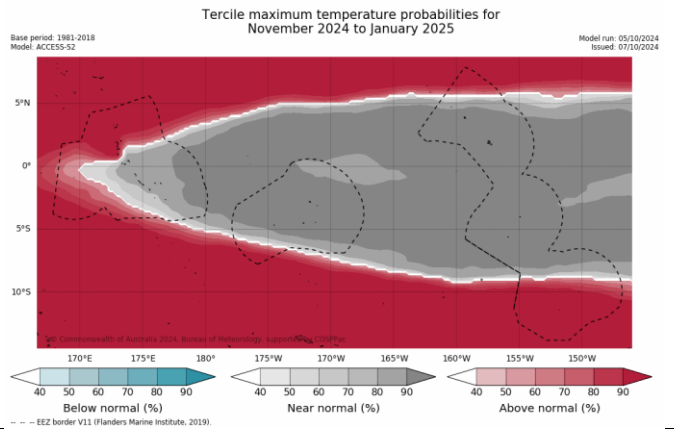
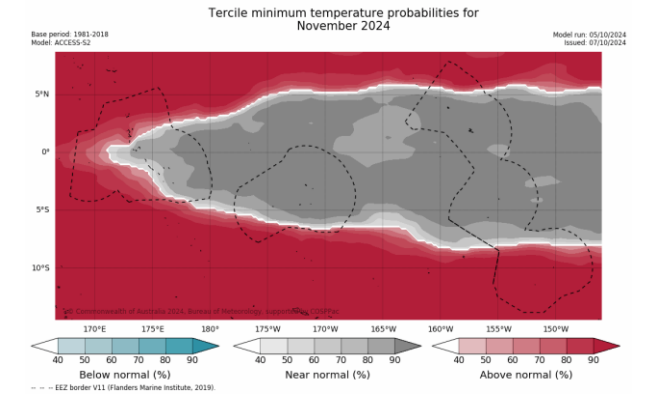
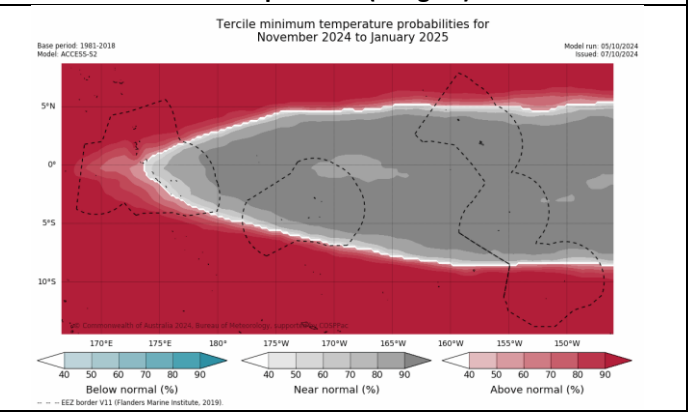
TABLE 1: Monthly Rainfall

Station (include data period)	Jul-2024	Aug-2024	Sep-2024				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Beru (1932-2024)	253.2	126.0	39.4	25.3	78.5	47.0	33/68
Butaritari (1931-2024)	110.4	25.7	68.7	112.7	184.6	142.5	14/87
Kanton (1937-2024)	74.6	118.5	6.1	22.3	65.2	44.8	**5/66**
Kiritimati (1921-2024)	0.4	5.4	5.2	4.0	18.4	8.2	43/99
Tarawa (1950-2024)	200.7	23.5	96.5	59.1	142.9	88.1	43/78
Arorae (1950-2023)							

TABLE 2: Three-month Total Rainfall for July to September 2025

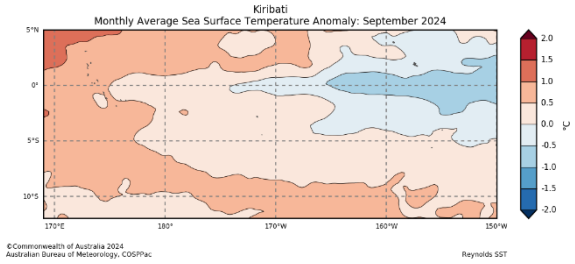
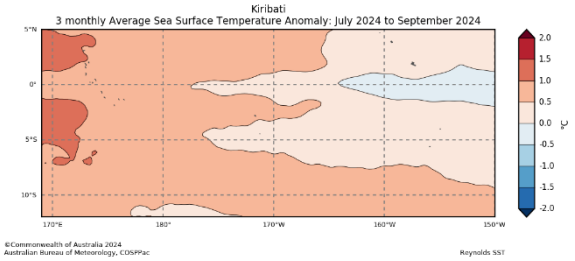
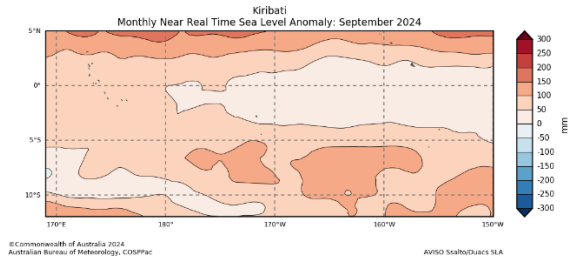
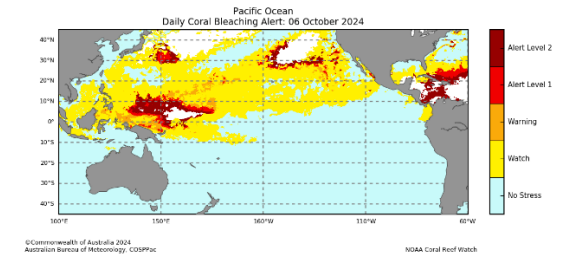
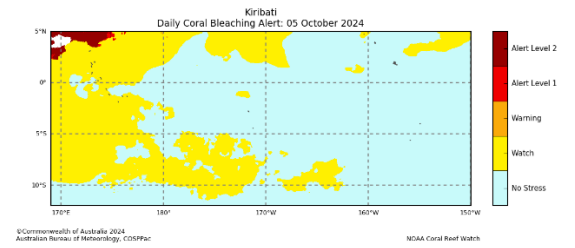
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Beru (1932-2024)	418.6	Above normal	134.7	314.1	200.6	52/66
Butaritari (1931-2024)	204.8	Below normal	510.9	736.8	634.0	**3/87**
Kanton (1937-2024)	199.2	Normal	157.6	240.4	181.9	38/64
Kiritimati (1921-2024)	11.0	Below normal	52.1	115.0	84.2	**8/99**
Tarawa (1950-2024)	320.7	Normal	205.1	541.4	336.0	38/78
Arorae (1950-2022=4)						

Part 1i. Monthly and Seasonal Outlooks for November and November to January 2025

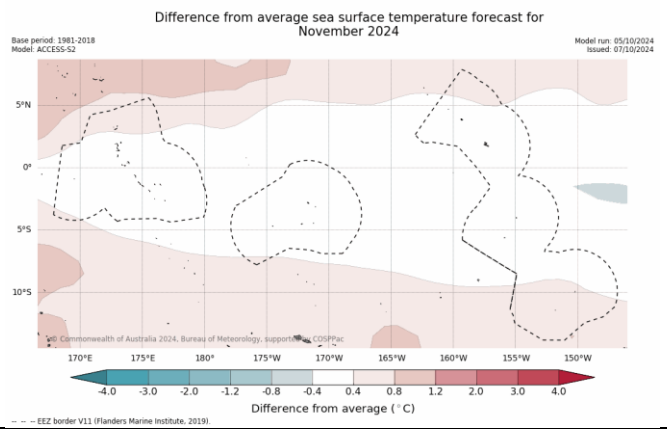
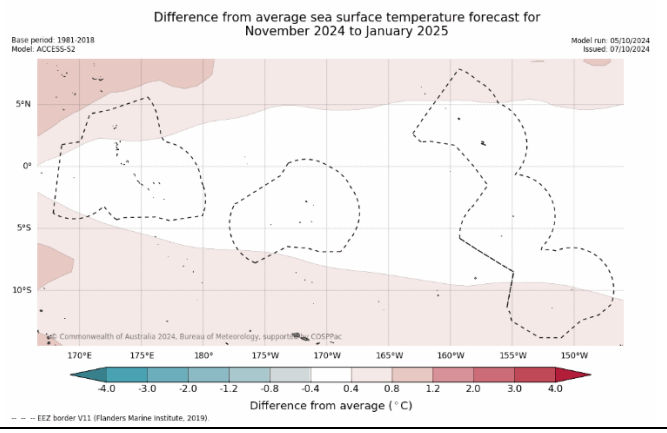
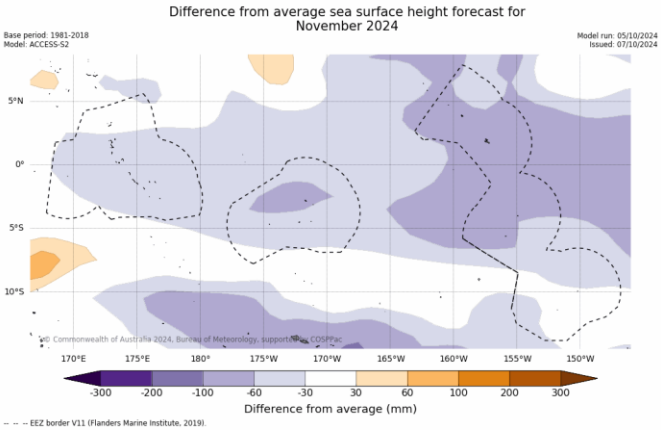
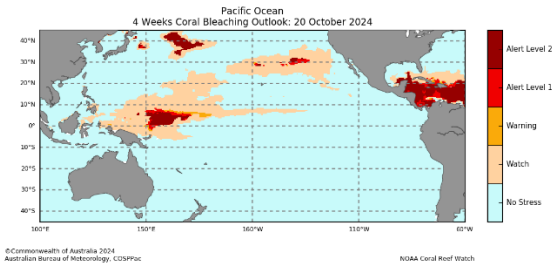
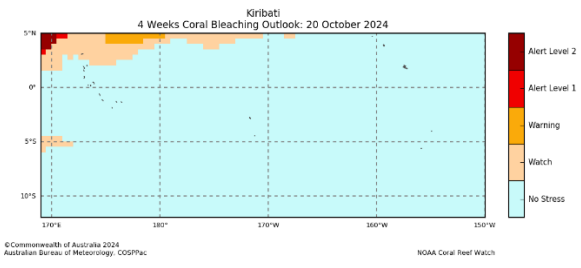
Monthly: November	Seasonal: November to January
Rainfall (Image 1)	**Rainfall (Image 2)**
	
Monthly Maximum temperature (Image 3):	**Seasonal maximum temperature (Image 4):**
	
Monthly minimum temperature (Image 5):	**Seasonal minimum temperature (Image 6):**
	

Part 2: Recent Ocean Observation

Monthly/Three months: September 2024 and July to September 2024

Monthly: September 2024	**Last three months: July to September 2024:**
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 November and November to January 2025

Monthly: November	Seasonal: November to January
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: September 2024/July to September 2024 statement

The rainfall for September was below normal over Butaritari and Kanton while the remaining stations were near normal. Kanton recorded its fifth driest September on record.

For the past three months, rainfall was below normal for Butaritari and Kiritimati. Near-normal were experienced over Kanton and Tarawa while Beru was above normal. Butaritari recorded it third driest July to September on record while Kiritimati recorded its eighth.

Part 1i. Monthly and Seasonal Outlooks for November and November to January 2025

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for November and November to January are very likely to be below normal over the Kiribati region.

Maximum and minimum temperatures during November and November to January are very likely to be near-normal over most parts of the Kiribati region except for the northern Gilbert and Southern Line Islands which are very likely to be above normal.

Part 2: Recent Ocean summary statement

Monthly and last three months: September 2024/July to September 2024

September ocean temperatures were utmost 1.0°C below normal over central northern Line Islands, utmost 1.0°C above normal for the remainder of the Line Island, -0.5 to 0.5°C near normal over Phoenix Island, and utmost 1.5°C above normal over Gilbert Island.

Averaged over July to September, ocean temperatures were utmost 1.0°C above normal over Line Islands and Phoenix Islands, and utmost 1.5°C above normal over Gilbert Islands.

September sea levels around most parts of the Kiribati islands were 50mm to 100mm above normal.

The coral bleaching was on watch over the Gilbert islands.

Part 2i. Monthly and Seasonal Outlooks for November and November to January 2025

Ocean Variable statement

November and averaged over November to January Ocean temperatures around north of the Gilbert and south of the Line groups are predicted to be 0.4 to 0.8°C above normal. The rest of the islands are expected to be near-normal.

November's sea levels around Kiribati are predicted to be 30 to 100mm below normal.

No stress expected over Kiribati except the northernmost islands in the Gilbert group which is expected to be on watch.

IN BRIEF for Teleconference

- Rainfall was below normal to near-normal for September and July to September, except Beru where rainfall was above normal for the three months period.
- The rainfall outlook generally indicates below average very likely in November and November to January.

- The sea surface temperatures (SSTs) for September varied from below normal to near normal and above normal. Averaged over July to September, SSTs were above normal. The outlook shows near normal to above normal SSTs for the next one and three months.
- Sea-surface heights (SSH) were above normal for September. Below near normal sea surface heights are predicted for November and November to January.

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

Product	Date: September 2024	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Disability	Age group	Comments (If there are comments from you Stakeholders)
Climate Bulletin	10th	Government and Non-Government Organisations and Public subscribed to the products.	158	70	88	1	25-65	Disability Group Te Toa Matoa focal point included in the circulation list of stakeholders.
EAR Watch	19th	Drought Committee Members.	62	35	27		25-55	
Media release	10th	Media Outlets in Kiribati (BPA, Government Communications, Church Faith Based).	53	23	30		25-50	
Ocean Outlook	10th	Government and Non-Government Organisations and Public subscribed to the products.	158	70	88	1	25-65	Disability Group Te Toa Matoa focal point included in the circulation list of stakeholders.
Community awareness	27th	Betio Community	24	2	22			This activity was targeting local communities to increase awareness of the importance of KMS products/services for better decision-making.
Climate data request	9th, 26th,	Water and Sanitation Unit (MISE).	2	2			25-45	
		Total	**673**	**202**	**255**			