

# Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 206

Country: Kiribati

## Part 1: Recent climate

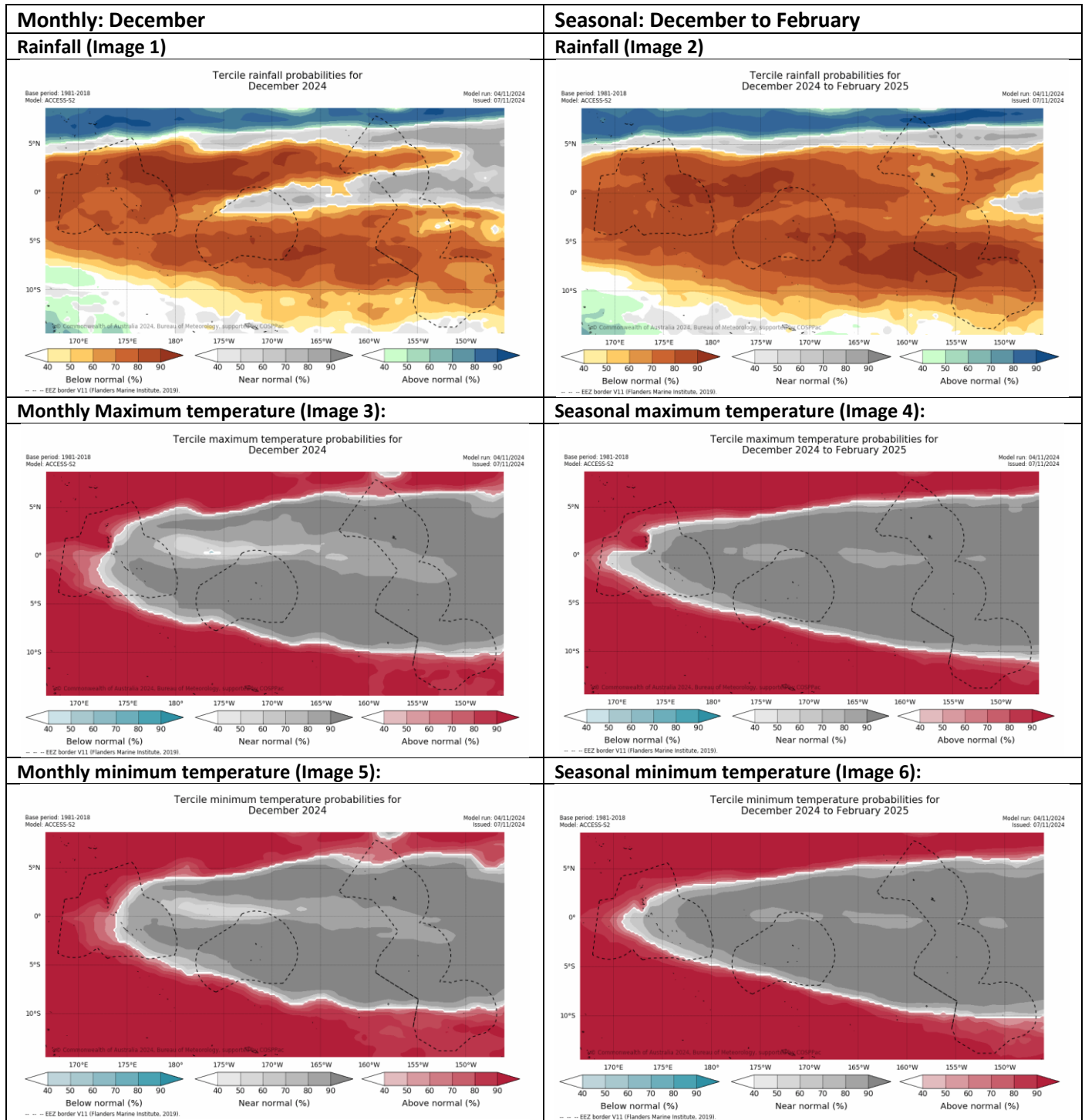
**TABLE 1: Monthly Rainfall**

Station (include data period)	Aug-2024	Sep-2024	Oct-2024				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Beru (1932-2024)	25.7	39.4	19.9	16.1	62.0	33.0	27/67
Butaritari (1931-2024)	126.0	68.7	75.9	96.5	186.8	142.2	23/87
Kanton (1937-2024)	118.5	6.1	5.4	8.4	33.5	16.1	15/66
Kiritimati (1921-2024)	5.4	5.2	1.7	4.2	24.3	13.6	19/99
Tarawa (1950-2024)	23.5	96.5	20.5	40.3	118.7	67.6	16/78
Arorae (1950-2023)							

**TABLE 2: Three-month Total Rainfall for August to October 2024**

Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Beru (1932-2024)	85.0	Below normal	113.4	196.9	135.4	16/66
Butaritari (1931-2024)	270.6	Below normal	392.8	627.4	549.8	14/87
Kanton (1937-2024)	130.0	Normal	102.7	173.1	130.5	35/64
Kiritimati (1921-2024)	12.3	Below normal	27.0	60.4	44.2	17/98
Tarawa (1950-2024)	140.5	Below normal	202.7	403.5	277.8	21/78
Arorae (1950-2022=4)						

# Part 1i. Monthly and Seasonal Outlooks for December and December to February 2025

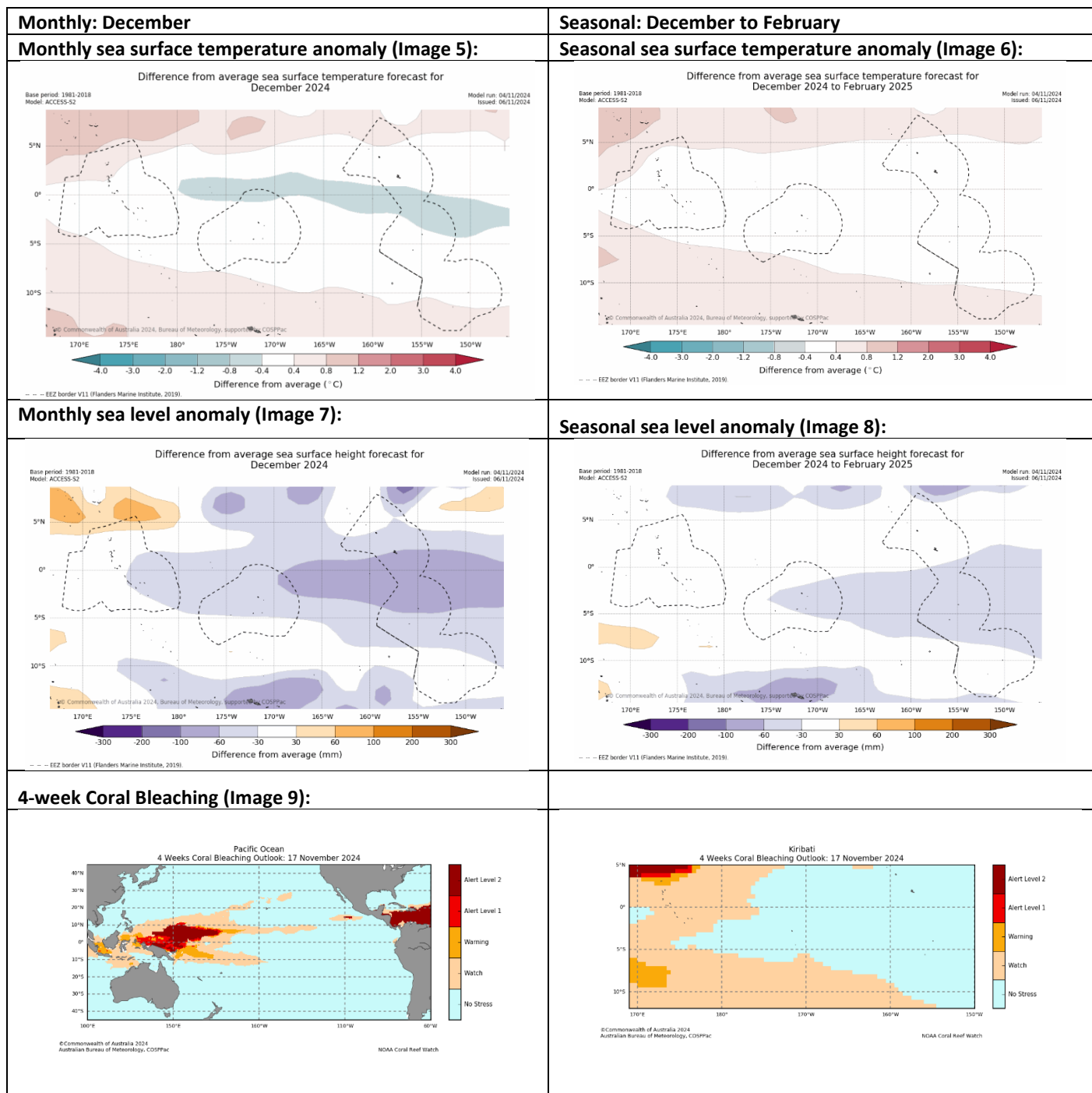


# Part 2: Recent Ocean Observation

## Monthly/Three months: October 2024 and August to October 2024

<b>Monthly: October 2024</b>	<b>Last three months: August to October 2024:</b>
<p><b>Sea Surface Temperature Anomaly (Image 1):</b></p> <p>© Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac Reynolds SST</p>	<p><b>Sea Surface Temperature Anomaly (Image 4):</b></p> <p>© Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac Reynolds SST</p>
<p><b>Sea level anomaly (Image 2):</b></p> <p>© Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac AVISO SeaWiFS/SeaWIFS SLA</p>	
<p><b>Daily coral bleaching alert (Image 3):</b></p> <p>© Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac NOAA Coral Reef Watch</p>	<p><b>Daily coral bleaching alert (Image 4):</b></p> <p>© Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac NOAA Coral Reef Watch</p>

# Part 2i. Monthly and Seasonal Outlooks for December and December to February 2025



## Summary Statement

### Monthly and last three months: October 2024/August to October 2024 statement

The rainfall for October was below normal for all stations except for Beru with normal rainfall. For the past three months, rainfall was below normal for all stations except for Kanton with normal rainfall.

## Part 1i. Monthly and Seasonal Outlooks for December and December to February 2025

### Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for December is very likely to be below normal over most parts of the Kiribati region. In some part of the Phoenix and Line groups, the outlook shows December's rainfall is likely to be near-normal.

The rainfall for December to February is very likely to be below normal over Kiribati.

Maximum and minimum temperatures during December and averaged December to February are very likely to be near-normal over most parts of the Kiribati region except for northern Gilbert islands and southern Line Islands which are very likely to be above normal.

## Part 2: Recent Ocean summary statement

### Monthly and last three months: October 2024/August to October 2024

October sea surface temperatures (SSTs) were utmost 1.0°C above normal around Gilbert Islands, utmost 0.5°C near normal around Phoenix Islands, and utmost -1.0°C below normal around northern Line Islands.

Averaged over August to October, sea surface temperatures around were up to 1.0°C above normal around Gilbert Islands, utmost 0.5°C near normal around Phoenix Islands, utmost -1.0°C below normal around northern Line Islands and utmost 1.0°C above normal over central and southern Line Islands.

October sea levels around Kiribati were 50 to 150mm above normal, with a patch reaching up to 300mm over part of northern Line Islands.

A coral bleaching Watch status is currently in effect for the Gilbert and some islands in the Phoenix group as of 3<sup>rd</sup> November 2024.

## Part 2i. Monthly and Seasonal Outlooks for December and December to February 2025

### Ocean Variable statement

December sea surface temperatures around northern part of Gilbert Islands, northern and southern parts of Line Islands are predicted to be 0.4 to 0.8°C above normal. The rest are expected to have -0.4 to 0.4°C near-normal sea surface temperatures except for a 0.4 to 0.8°C below normal over central Line Islands.

Averaged over December to February, sea surface temperatures around Kiribati are predicted to be near-normal.

December and averaged December to February, sea levels around Kiribati are predicted to be near normal to 30 to 100mm below normal.

Coral Bleaching outlook indicates Watch status for the next 12 weeks.

## IN BRIEF for Teleconference

- Rainfall was mostly below normal for October and August to October.
- The rainfall outlook generally indicates below normal very likely in December and December to February.
- SSTs were below normal, near normal and above normal for October and August to October. The outlook shows near normal to above normal SSTs for the next one and three months.
- Sea levels were above normal for October. Below normal to near-normal sea levels are predicted for December and December to February.

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

Product	Date: October 2024	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Comments (If there are comments from you Stakeholders)
Climate Bulletin	10 <sup>th</sup>	Government and Non-Government Organisations and Public subscribed to the products.	158	70	88	
Agrometrological product	10 <sup>th</sup>	Agriculture HODs	4	1	3	The product trial started in October. The total number of participants is expected to increase as they share it with their extension staff on the outer islands, but the exact number is yet to be confirmed.
EAR Watch	16 <sup>th</sup>	Drought Committee Members.	62	35	27	
Media release	10 <sup>th</sup>		53	23	30	
Ocean Outlook	10 <sup>th</sup>	Government and Non-Government Organisations and Public subscribed to the products.	158	70	88	
Climate data request	8 <sup>th</sup>	USP Student	1	1	0	
<b>Total</b>			<b>436</b>	<b>200</b>	<b>236</b>	