

Country: Kiribati

Part 1: Recent climate

TABLE 1: Monthly Rainfall

Station (include data period)	Oct-2024	Nov-2024	Dec-2024				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Beru (1932-2024)	19.9	4.2	9.2	62.3	207.2	120.1	13/68
Butaritari (1931-2024)	75.9	176.2	277.8	164.8	321.3	251.4	48/87
Kanton (1937-2024)	5.4	1.9	2.0	4.6	79.0	21.4	16/67
Kiritimati (1921-2024)	1.7	0.4	6.5	4.0	29.0	9.7	35/90
Tarawa (1950-2024)	20.5	34.9	55.0	98.4	267.7	174.0	18/78
Arorae (1950-2023)				70.7	275.7	144.0	

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

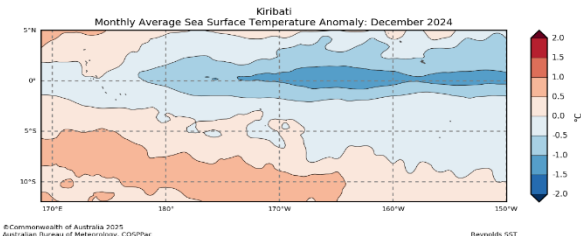
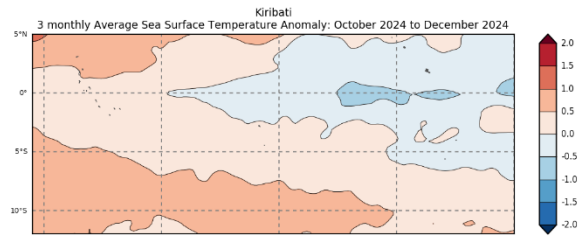
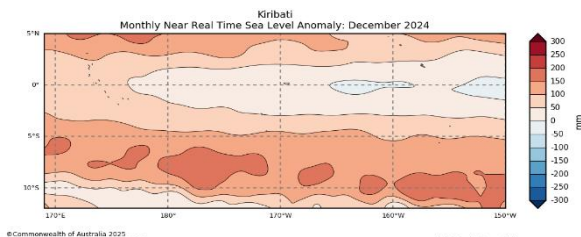
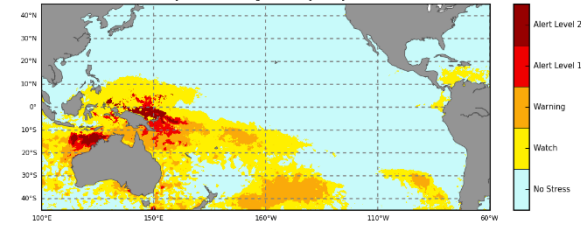
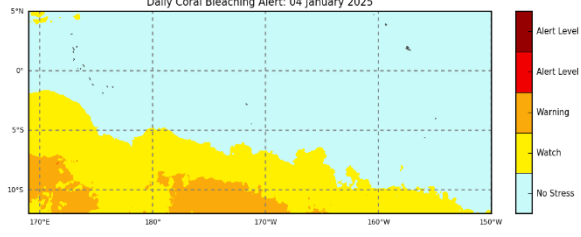
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Beru (1932-2024)	33.3	Below normal	104.0	330.0	230.0	10/67
Butaritari (1931-2024)	529.9	Normal	448.7	744.3	546.6	39/87
Kanton (1937-2024)	9.3	Below normal	30.8	114.8	53.3	2/65
Kiritimati (1921-2024)	8.6	Below normal	18.7	79.0	38.0	15/83
Tarawa (1950-2024)	110.4	Below normal	246.8	485.6	333.8	16/78
Arorae (1950-2022=4)						

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

<div>Monthly: February</div> <div>Rainfall (Image 1)</div> <div><p>Tercile rainfall probabilities for February 2025</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 06/01/2025 Issued: 09/01/2025</p><p>Below normal (%)      Near normal (%)      Above normal (%)</p><p>-- EEZ border V11 (Flanders Marine Institute, 2019).</p></div>	<div>Seasonal: February to April</div> <div>Rainfall (Image 2)</div> <div><p>Tercile rainfall probabilities for February to April 2025</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 06/01/2025 Issued: 09/01/2025</p><p>Below normal (%)      Near normal (%)      Above normal (%)</p><p>-- EEZ border V11 (Flanders Marine Institute, 2019).</p></div>
<div>Monthly Maximum temperature (Image 3):</div> <div><p>Tercile maximum temperature probabilities for February 2025</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 06/01/2025 Issued: 09/01/2025</p><p>Below normal (%)      Near normal (%)      Above normal (%)</p><p>-- EEZ border V11 (Flanders Marine Institute, 2019).</p></div>	<div>Seasonal maximum temperature (Image 4):</div> <div><p>Tercile maximum temperature probabilities for February to April 2025</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 06/01/2025 Issued: 09/01/2025</p><p>Below normal (%)      Near normal (%)      Above normal (%)</p><p>-- EEZ border V11 (Flanders Marine Institute, 2019).</p></div>
<div>Monthly minimum temperature (Image 5):</div> <div><p>Tercile minimum temperature probabilities for February 2025</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 06/01/2025 Issued: 09/01/2025</p><p>Below normal (%)      Near normal (%)      Above normal (%)</p><p>-- EEZ border V11 (Flanders Marine Institute, 2019).</p></div>	<div>Seasonal minimum temperature (Image 6):</div> <div><p>Tercile minimum temperature probabilities for February to April 2025</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 06/01/2025 Issued: 09/01/2025</p><p>Below normal (%)      Near normal (%)      Above normal (%)</p><p>-- EEZ border V11 (Flanders Marine Institute, 2019).</p></div>

Part 2: Recent Ocean Observation

Monthly/Three months: December 2024 and October to December 2024

<p>Monthly: December 2024</p>	<p>Last three months: October to December 2024:</p>
<p>Sea Surface Temperature Anomaly (Image 1):</p>	<p>Sea Surface Temperature Anomaly (Image 4):</p>
	
<p>Sea level anomaly (Image 2):</p>	
	
<p>Daily coral bleaching alert (Image 3):</p>	
	

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

Monthly: February	Seasonal: February to April
Monthly sea surface temperature anomaly (Image 5):	Seasonal sea surface temperature anomaly (Image 6):
<div><p>Difference from average sea surface temperature forecast for February 2025</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 06/01/2025 Issued: 08/01/2025</p><p>Commonwealth of Australia 2025, Bureau of Meteorology, supported by COSPPac</p><p>-- EEZ border V11 (Flanders Marine Institute, 2019).</p><p>Difference from average (°C)</p></div>	<div><p>Difference from average sea surface temperature forecast for February to April 2025</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 06/01/2025 Issued: 08/01/2025</p><p>Commonwealth of Australia 2025, Bureau of Meteorology, supported by COSPPac</p><p>-- EEZ border V11 (Flanders Marine Institute, 2019).</p><p>Difference from average (°C)</p></div>
Monthly sea level anomaly (Image 7):	Seasonal sea level anomaly (Image 8):
<div><p>Difference from average sea surface height forecast for February 2025</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 06/01/2025 Issued: 08/01/2025</p><p>Commonwealth of Australia 2025, Bureau of Meteorology, supported by COSPPac</p><p>-- EEZ border V11 (Flanders Marine Institute, 2019).</p><p>Difference from average (mm)</p></div>	<div><p>Difference from average sea surface height forecast for February to April 2025</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 06/01/2025 Issued: 08/01/2025</p><p>Commonwealth of Australia 2025, Bureau of Meteorology, supported by COSPPac</p><p>-- EEZ border V11 (Flanders Marine Institute, 2019).</p><p>Difference from average (mm)</p></div>
4-week Coral Bleaching (Image 9):	
<div><p>Pacific Ocean 4 Weeks Coral Bleaching Outlook: 26 January 2025</p><p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac</p><p>NOAA Coral Reef Watch</p></div>	<div><p>Kiribati 4 Weeks Coral Bleaching Outlook: 26 January 2025</p><p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac</p><p>NOAA Coral Reef Watch</p></div>

## Summary Statement

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

The rainfall for December was below normal for Beru, Kanton and Tarawa. Normal rainfall over Butaritari and Kiritimati.

For the past three months, rainfall was below normal for all stations except Butaritari which is normal. Kanton recorded its second driest October to December 2024 on record.

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

### Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for February is likely or very likely to be below normal over most parts of the Kiribati region except islands at further north of the Gilbert and Line group which is near-normal.

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

Maximum and minimum temperatures during February are very likely to be below normal over the central parts of the Gilbert, northern Phoenix, and Line group. Near-normal is likely at the remaining islands.

Maximum and minimum temperatures averaged over February to April are very likely to be below normal over the Central Line group. Near-normal over most parts of the Gilbert, Phoenix and Line group. The rest of the islands are likely to be above normal.

## Part 2: Recent Ocean summary statement

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

December sea surface temperatures (SSTs) around most islands in the Kiribati region were -0.5 to 0.5°C near normal while 0.5 to 1.0°C below normal for northern part of the Line Islands.

Averaged over October to December, sea surface temperatures around the Line and Phoenix group were -0.5 to 0.5°C near normal. The rest of the islands were utmost 1.0°C above normal.

December sea levels were utmost 150mm above normal around the Gilbert group and utmost 200mm above normal for the Line and Phoenix groups.

A coral bleaching no stress status is currently in effect for all the Kiribati group as of 4<sup>th</sup> of January 2025.

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

### Ocean Variable statement

February sea surface temperatures (SSTs) around most parts of the Kiribati region are predicted to be -0.4 to 0.4°C near normal. For the rest of the islands, SSTs are predicted to be 0.4 to 0.8°C below normal.

Averaged over February to April, sea surface temperatures around Kiribati are predicted to be -0.4 to 0.4°C near normal while above normal at further north of the Gilbert and Line groups and below normal over part of the northern Line group.

February sea levels around the Line and Phoenix groups are predicted to be 30 to 60mm below normal. The Gilbert group, sea levels are expected to be near-normal.

Averaged over February, sea levels around Line and Phoenix groups are predicted to be near normal to 30 to 60mm below normal. Near-normal sea levels are predicted for the Gilbert group a.

Coral Bleaching outlook indicates no stress status for the next 12 weeks.

#### IN BRIEF for Teleconference

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

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

Product	Date: December 2024	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Disability	Age group	Comments (If there are comments from you Stakehold ers)
Climate Bulletin	10 <sup>th</sup>	Government and Non- Government Organisation and Public	161	72	89	1	25-65	
EAR Watch	20th	Drought Committee Members	62	35	27		25-55	
Agrometeorolo gical bulletin	11th	Agriculture HODs	4	1	3		25-55	
Ocean Outlook	10th	Government and Non Government Organisation and Public	161	72	89		25-65	
Media Release	10th	Media and Communicati on Officers	14	10	4		25-50	
Climate data request	16th	Kiribati Insurance Cooperation	1	0	1		45-55	
<b>Total</b>			<b>403</b>	<b>190</b>	<b>213</b>	<b>1</b>		