

Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 209

Country: Kiribati

Part 1: Recent climate

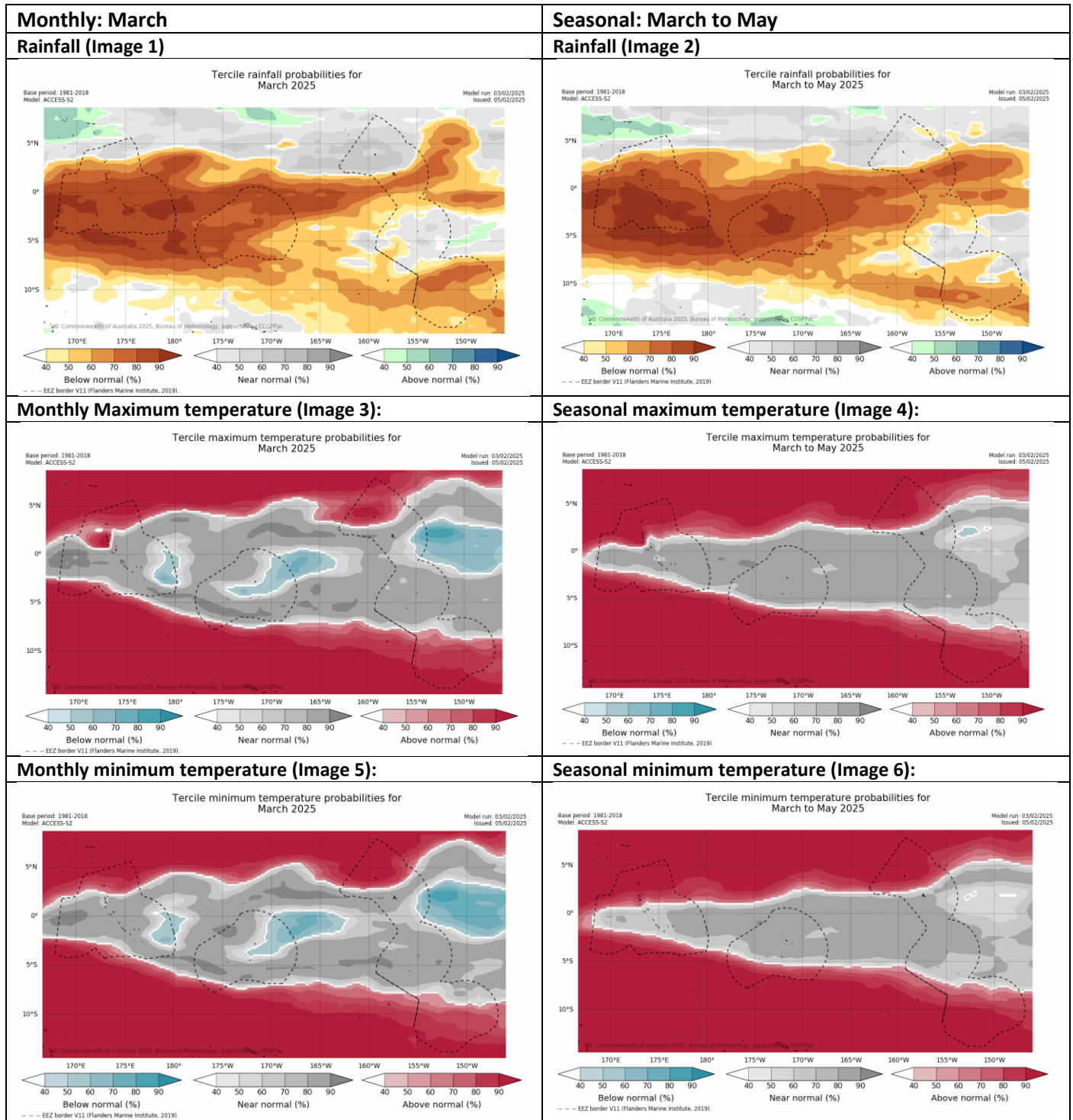
TABLE 1: Monthly Rainfall

| Station (include data period) | Nov-2024 | Dec-2024 | Jan-2025 | | | | Rank |
|-------------------------------|------------|------------|---------------|---------|---------|--------|-------|
| | | | Total (mm) | 33%tile | 67%tile | Median | |
| | Total (mm) | Total (mm) | Rainfall (mm) | | | | |
| Beru (1932-2025) | 4.2 | 9.2 | 61.3 | 54.3 | 244.6 | 122.0 | 24/69 |
| Butaritari (1931-2025) | 176.2 | 277.8 | 203.4 | 200.7 | 342.0 | 275.1 | 33/88 |
| Kanton (1937-2025) | 1.9 | 2.0 | 5.9 | 5.3 | 69.6 | 10.9 | 25/65 |
| Kiritimati (1921-2025) | 0.4 | 6.5 | 30.3 | 9.5 | 42.7 | 22.0 | 48/99 |
| Tarawa (1950-2025) | 34.9 | 55.0 | 82.5 | 131.8 | 320.6 | 228.6 | 20/78 |
| Arorae (1950-2025) | | | | 42.0 | 264.3 | 148.0 | |

TABLE 2: Three-month Total Rainfall for November 2024 to January 2025

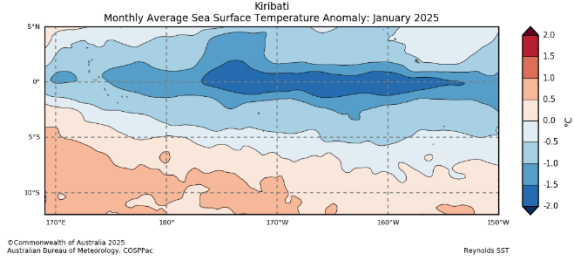
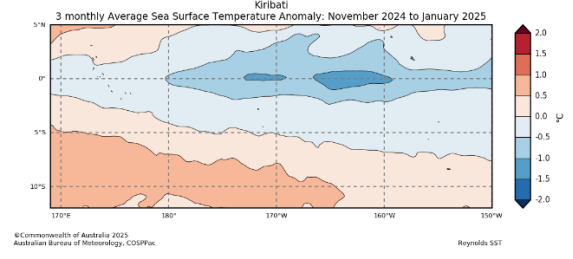
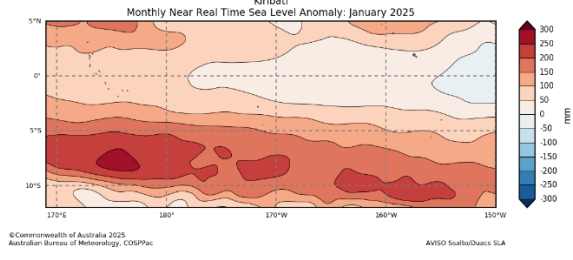
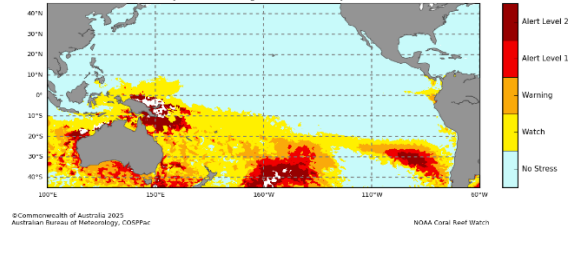
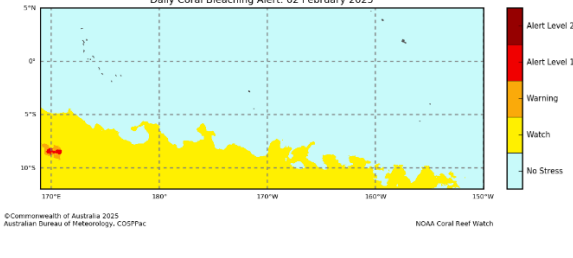
| Station | Three-month Total | | 33%tile | 67%tile | Median | Rank |
|------------------------|-------------------|--------------|---------|---------|--------|-------|
| | Rainfall (mm) | | | | | |
| Beru (1932-2025) | 74.7 | Below normal | 162.7 | 606.7 | 277.5 | 11/68 |
| Butaritari (1931-2025) | 657.4 | Normal | 553.5 | 905.8 | 730.4 | 35/86 |
| Kanton (1937-2025) | 9.8 | Below normal | 25.8 | 161.9 | 58.4 | 7/61 |
| Kiritimati (1921-2025) | 37.2 | Normal | 26.6 | 92.6 | 42.0 | 34/82 |
| Tarawa (1950-2025) | 172.4 | Below normal | 312.4 | 770.4 | 497.8 | 15/78 |
| Arorae (1950-2025) | | | 229.0 | 682.0 | 440.0 | |

Part 1i. Monthly and Seasonal Outlooks for March and March to May 2025

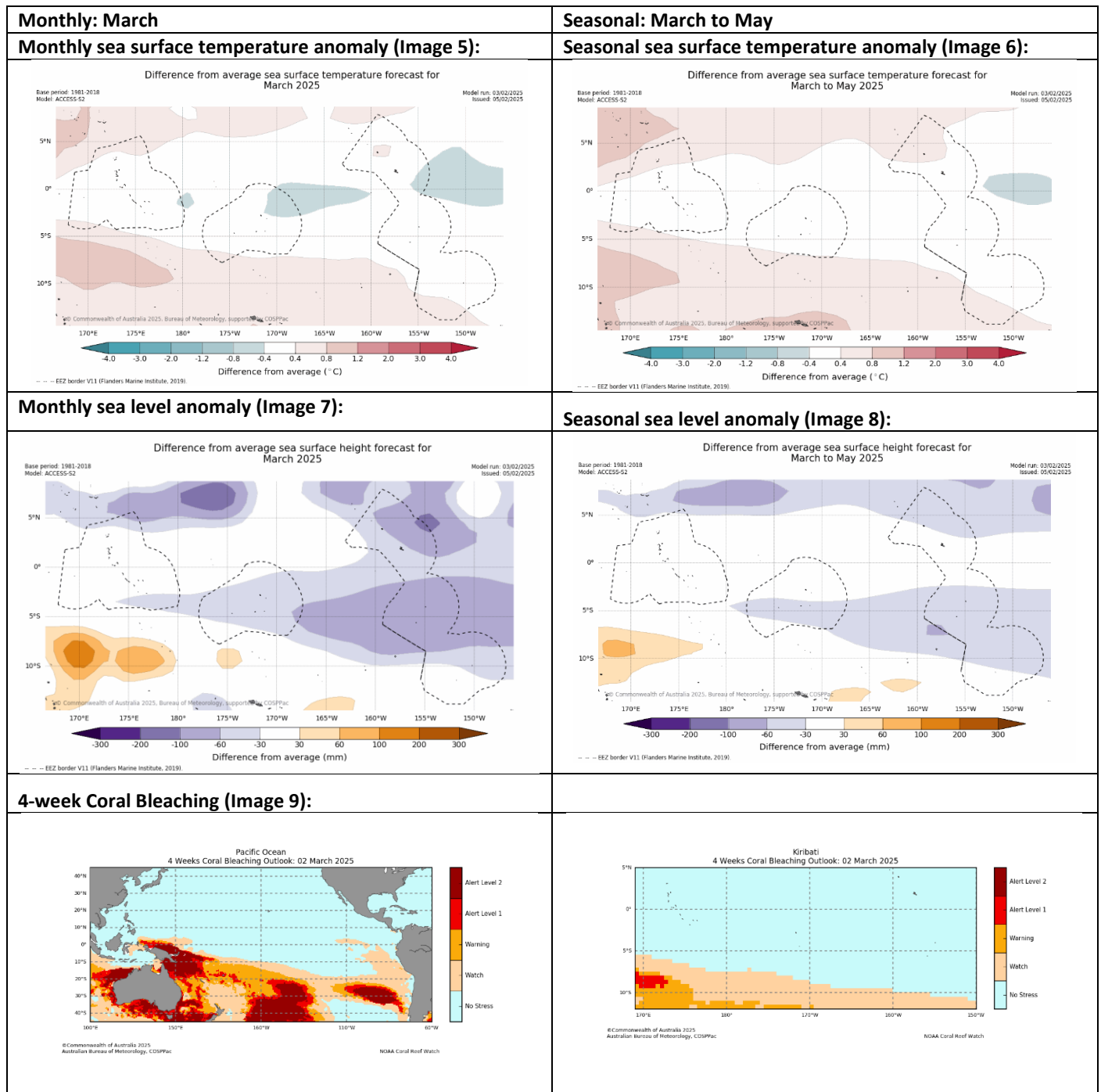


Part 2: Recent Ocean Observation

Monthly/Three months: January 2025 and November 2024 to January 2025

| Monthly: January 2025 | Last three months: November 2024 to January 2025: |
|---|---|
| <p>Sea Surface Temperature Anomaly (Image 1):</p>  <p>Monthly Average Sea Surface Temperature Anomaly: January 2025</p> <p>Kiribati</p> <p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac</p> <p>Reynolds SST</p> | <p>Sea Surface Temperature Anomaly (Image 4):</p>  <p>3 monthly Average Sea Surface Temperature Anomaly: November 2024 to January 2025</p> <p>Kiribati</p> <p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac</p> <p>Reynolds SST</p> |
| <p>Sea level anomaly (Image 2):</p>  <p>Monthly Near Real Time Sea Level Anomaly: January 2025</p> <p>Kiribati</p> <p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac</p> <p>AVISO SeaWiFS/Quicks SLA</p> | |
| <p>Daily coral bleaching alert (Image 3):</p>  <p>Pacific Ocean</p> <p>Daily Coral Bleaching Alert: 02 February 2025</p> <p>Alert Level 2 Alert Level 1 Warning Watch No Stress</p> <p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac</p> <p>NOAA Coral Reef Watch</p> | <p>Daily coral bleaching alert (Image 3):</p>  <p>Kiribati</p> <p>Daily Coral Bleaching Alert: 02 February 2025</p> <p>Alert Level 2 Alert Level 1 Warning Watch No Stress</p> <p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac</p> <p>NOAA Coral Reef Watch</p> |

Part 2i. Monthly and Seasonal Outlooks for March and March to May 2025



Summary Statement

Monthly and last three months: January 2025/November 2024 to January 2025 statement

The rainfall for January was below normal over Tarawa while the rest of the stations were near-normal.

For the past three months, rainfall was below normal over Beru, Kanton and Tarawa. Near-normal were experienced over Butaritari and Kiritimati.

Part 1i. Monthly and Seasonal Outlooks for March and March to May 2025

Monthly /Seasonal rainfall and temperature Outlook statements.

The rainfall for March and March to May 2025 are very likely to be below normal over most of the Kiribati region. In the Northern Line islands (Teraina and Tabuaeran), the outlook shows March's rainfall is very likely to be near-normal.

Maximum and minimum temperatures during March are very likely to be near-normal over most parts of the Kiribati region. However, some parts of the Phoenix group are likely to be below normal.

Maximum and minimum temperatures averaged over March to May are very likely to be near-normal over most parts of the Kiribati region.

Part 2: Recent Ocean summary statement

Monthly and last three months: January 2025/November 2024 to January 2025

January sea surface temperatures (SSTs) around Kiribati were utmost 2.0°C below normal.

Averaged over November to January, sea surface temperatures in most parts of Kiribati were up to 1.0°C below normal. The Northernmost islands in the Gilbert group were up to 0.5°C above normal.

January sea levels around Kiribati were up to 150mm above normal.

The current status of coral bleaching over Kiribati shows no stress.

Part 2i. Monthly and Seasonal Outlooks for March and March to May 2025

Ocean Variable statement

March and averaged over March to May, sea surface temperatures around Kiribati are predicted to be -0.4 to 0.4°C near-normal.

March sea levels around Kiribati are predicted to be around 30 to 120mm below normal to near-normal.

Averaged over March to May, sea levels around Kiribati are predicted to be 30 to 60mm below normal to near-normal.

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

In brief for Teleconference

- Rainfall was generally near-normal for January and below normal to near-normal for November to January.
- The rainfall outlook generally indicates below average most likely in March and March to May.

- SSTs were below normal for January and November to January. The outlook shows near-normal SSTs for the next one and three months.
- Sea levels were above normal for January. Below normal to near-normal sea levels are predicted for March and March to May.

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

| Product | Date: January 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 | 9 th | Government and Non-Government Organisations and Public subscribed to the products. | 158 | 70 | 88 | 1 | 25-65 | |
| EAR Watch | 13th | Drought Committee Members. | 62 | 35 | 27 | | 25-55 | |
| Press release | 9th | Media Outlets in Kiribati (BPA, Government Communications, Church Faith Based). | 53 | 23 | 30 | | 25-50 | |
| Ocean Outlook | 9th | Government and Non-Government Organisations and Public subscribed to the products. | 158 | 70 | 88 | 1 | 25-65 | |
| Climate data request | 2 | MISE, Student | 2 | 2 | 0 | | 30-40 | |
| Total | | | 433 | 200 | 233 | 2 | | |