

Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 202

Country: Kiribati

Part 1: Recent climate

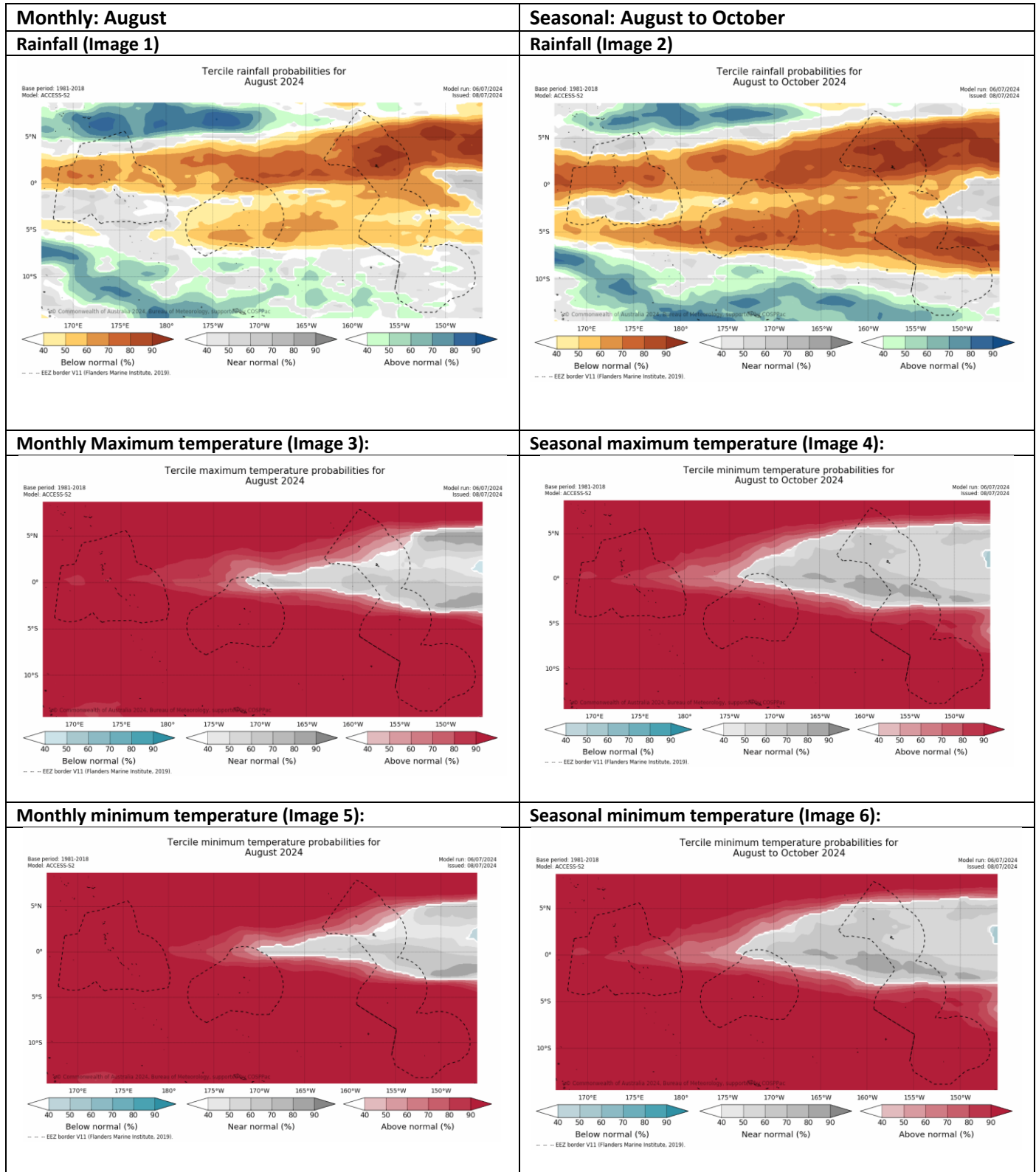
TABLE 1: Monthly Rainfall

Station (include data period)	Apr-2024	May-2024	Jun-2024				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Beru (1932-2024)	39.9	41.1	27.5	50.0	113.0	72.0	14/67
Butaritari (1931-2024)	373.8	296.1	265.3	198.3	312.1	256.0	46/87
Kanton (1937-2024)	Data is available but have not relayed to headquarters.			52.0	104.0	80.6	NA
Kiritimati (1921-2024)	136.6	19.6	16.1	21.5	93.7	55.0	28/100
Tarawa (1950-2024)	239.8	152.2	86.5	84.6	170.7	122.6	30/78
Arorae (1950-2023)	Temporarily closed.			65.0	134.0	93.5	NA

TABLE 2: Three-month Total Rainfall for April to June 2024

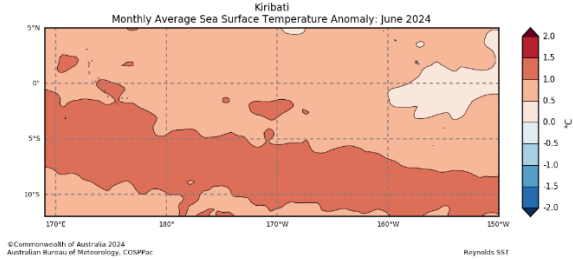
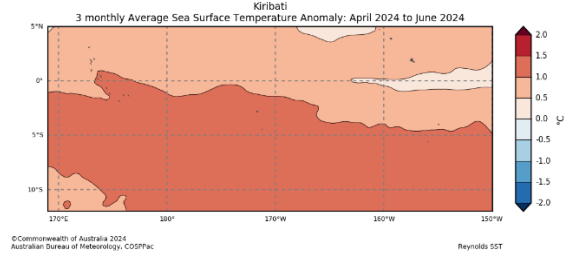
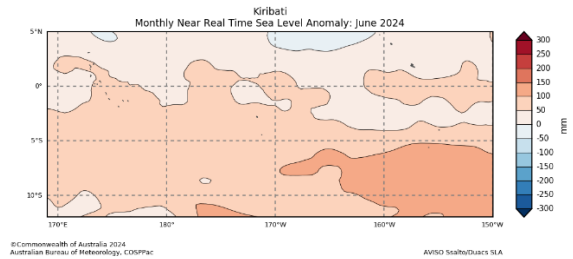
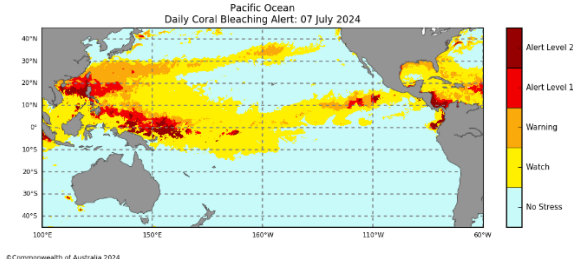
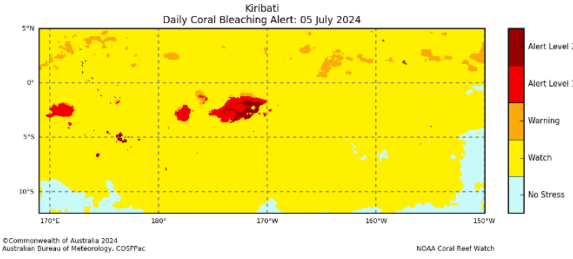
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Beru (1932-2024)	108.5	Below normal	178.7	341.7	238.0	14/66
Butaritari (1931-2024)	935.2	Normal	709.3	1014.0	862.0	48/87
Kanton (1937-2024)	Data is available but have not been relayed.		179.0	253.2	217.6	NA
Kiritimati (1921-2024)	172.3	Below normal	211.7	420.0	337.0	25/99
Tarawa (1950-2024)	478.5	Normal	315.2	578.7	423.8	46/78
Arorae (1950-2023)	Temporarily closed		233.0	491.0	363.0	NA

Part 1i. Monthly and Seasonal Outlooks for August and August to October 2024

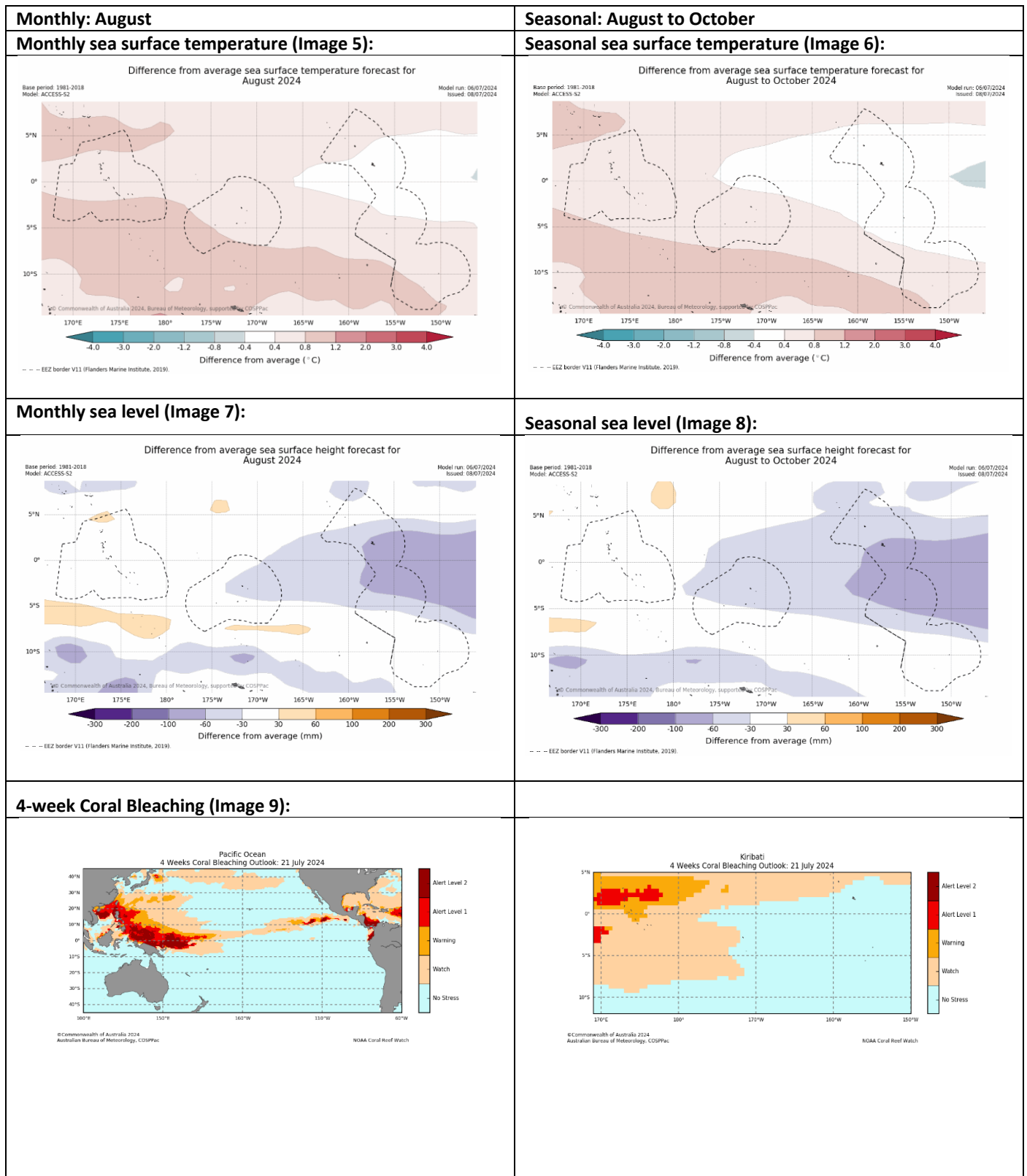


Part 2: Recent Ocean Observation

Monthly/Three months: June 2024 and April to June 2024

Monthly: June 2024	Last three months: April to June 2024:
<p>Sea Surface Temperature (Image 1):</p>  <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac Reynolds SST</p>	<p>Sea Surface Temperature (Image 4):</p>  <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac Reynolds SST</p>
<p>Sea level (Image 2):</p>  <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac AVISO SeaWiFS/QuikSCAT SEA</p>	
<p>Daily coral bleaching alert (Image 3):</p>  <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac NOAA Coral Reef Watch</p>	 <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac NOAA Coral Reef Watch</p>

Part 2i. Monthly and Seasonal Outlooks for August and August to October 2024



Summary Statement

Monthly and last three months: June 2024/April to June 2024 statement

The rainfall for June and the past three months was below normal at Beru and Kiritimati, and near-normal at Butaritari and Tarawa.

Kanton data has not been relayed back to headquarters, but the data is available.

Arorae station is temporarily closed, so no data is available.

Part 1i. Monthly and Seasonal Outlooks for August and August to October 2024

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for August and August to October is likely to be below normal over the central Gilbert and Phoenix Islands, and the central to northern Line Islands. Rainfall is likely to be near-normal for the rest of the Gilbert Islands and southern Line Islands for August and August to October.

Maximum and minimum temperatures during August and averaged over August to October are very likely to be above normal over most parts of Kiribati. The exception is the central to northern Line Islands where temperatures are likely to be near-normal.

Part 2: Recent Ocean summary statement

Monthly and last three months: June 2024/April to June 2024

June and averaged April to June Ocean temperatures around Kiribati were 0.5 to 1.5°C above normal.

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

There is a coral bleaching 'Alert Level 2 and 1' for part of northern Phoenix islands while the rest are on 'watch level'.

Part 2i. Monthly and Seasonal Outlooks for August and August to October 2024

Ocean Variable statement

August ocean temperatures around Kiribati are predicted to be 0.4 to 1.2°C above normal, except for part of northern Line islands which is expected to be near-normal.

Averaged over August to October, ocean temperatures around Kiribati are predicted to be 0.4 to 0.8°C above normal.

August and averaged over August to October, sea levels around parts of the Phoenix and Line islands are predicted to be 30mm to 100mm below normal. The rest of the region is predicted to have near-normal sea levels.

The 4 weeks coral bleaching outlook is anticipated to be on warning and alert level 1 for most of the Gilbert Islands.

IN BRIEF for Teleconference

- Rainfall was near-normal to below normal for June and April to June.
- Rainfall for both periods is likely to be below normal over most parts of Kiribati.
- SSTs were above normal for June and April to June. The outlook shows near-normal to above normal SSTs for the next one month and above normal for the next three months.
- Sea-surface heights (SSHs) were above normal for June. Below-normal to near normal sea surface heights are predicted for August and August to October.
- Alert level 1 for coral bleaching is expected for some parts of the northern Gilbert islands in the coming 4 weeks.

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

Product	Date: June 2024	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Comments (If there are comments from you Stakeholders)
Climate Bulletin	10 th	Government and Non-Government Organisations and Public subscribed to the products.	158	70	88	Acknowledged by island councils
EAR Watch	12th	Drought Committee Members.	62	35	27	Acknowledged by National Disaster Office
Media Release	10th	Media Outlets in Kiribati (BPA, Government Communications, Church Faith Based).	53	23	30	Acknowledge by Media Collegues and announced over radio Kiribati, A Hope radio from SDA Church.
Ocean Outlook	10th	Government and Non-Government Organisations and Public subscribed to the products.	158	70	88	Acknowledged by island councils
Climate data request including information on ENSO	14th	Kiribati Insurance Cooperation (KIC)	5	1	4	
Total			436	199	237	