Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 194

Country: Kiribati

Part 1: Recent climate

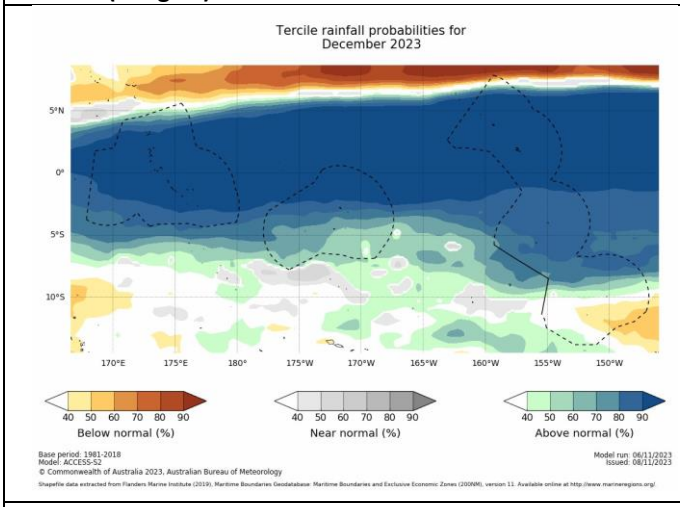
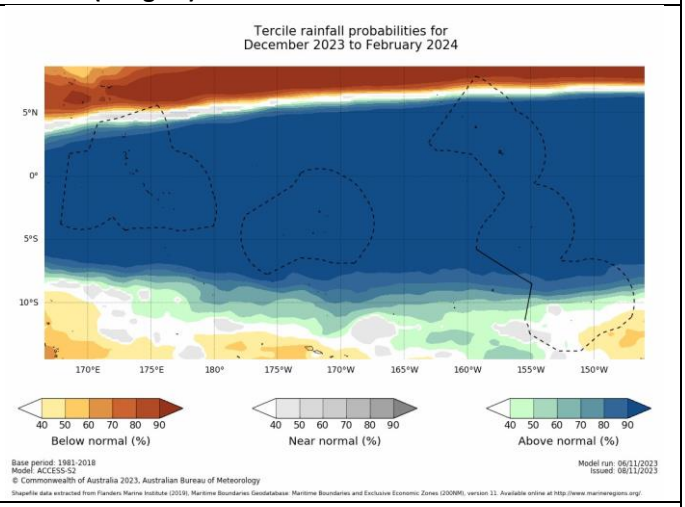
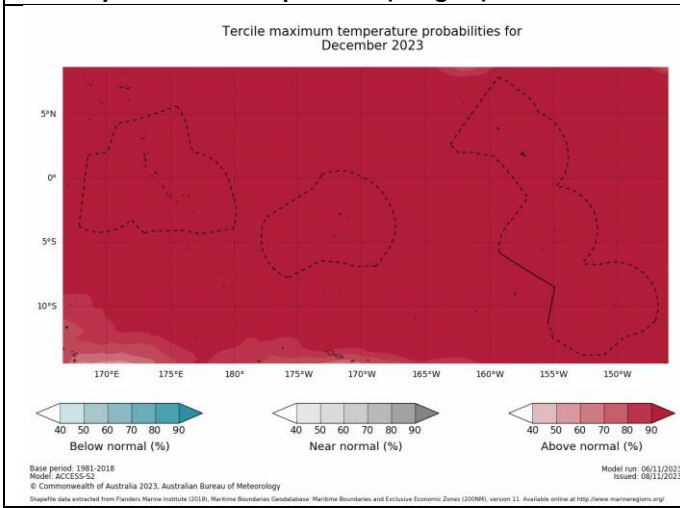
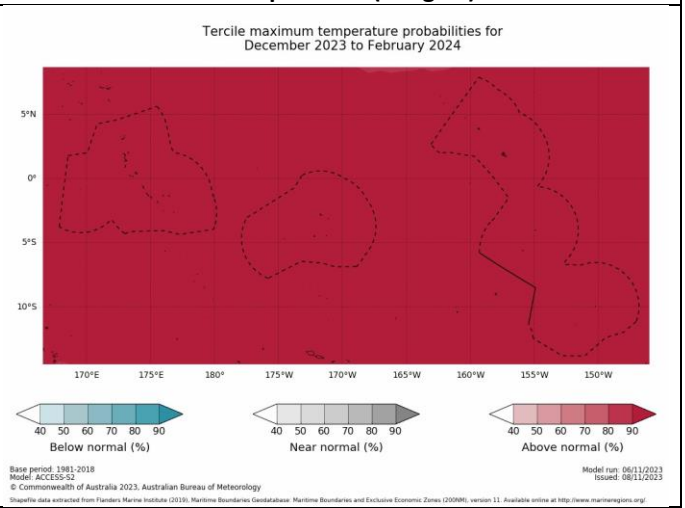
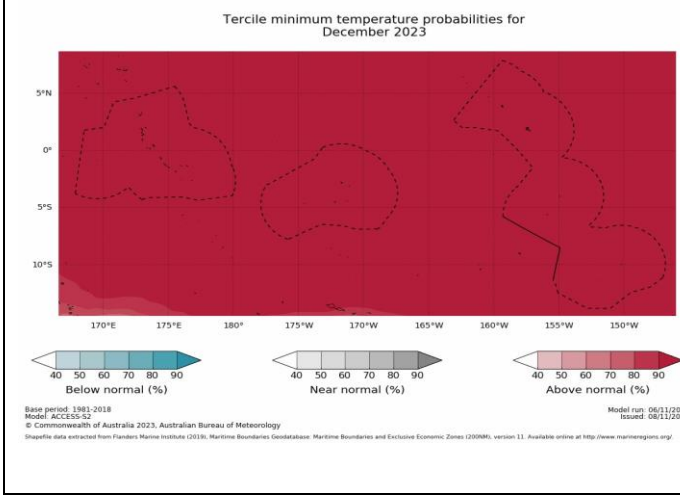
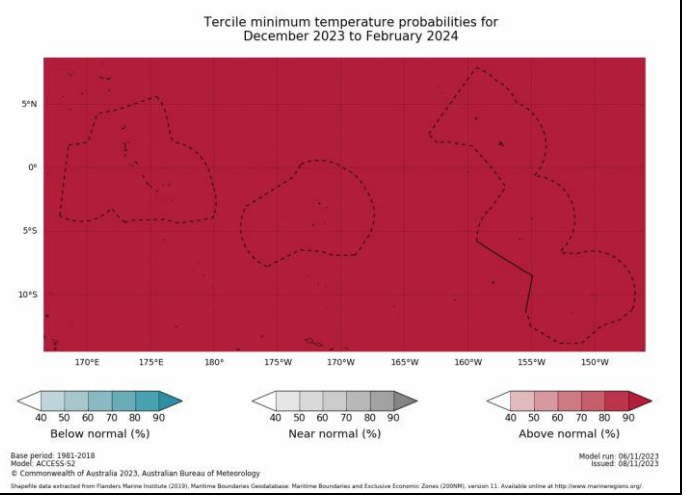
TABLE 1: Monthly Rainfall

Station (include data period)	Aug-2023	Sep-2023	Oct-2023				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Beru (1932-2023)	259.9	185.6	253.6	16.1	61.3	32.0	**63/66**
Butaritari (1931-2023)	133.1	288.0	203.0	96.0	183.0	140.4	63/86
Kanton (1937-2023)	48.3	116.2	76.7	7.9	32.3	15.7	56/65
Kiritimati (1921-2023)	142.9	82.5	38.6	4.1	22.8	13.3	82/98
Tarawa (1950-2023)	210.0	339.5	289.8	39.9	108.8	65.0	69/77
Arorae (1950-2023)	154.2	163.3	257.2	25.0	80.3	43.5	51/57

TABLE 2: Three-month Total Rainfall for August to October 2023

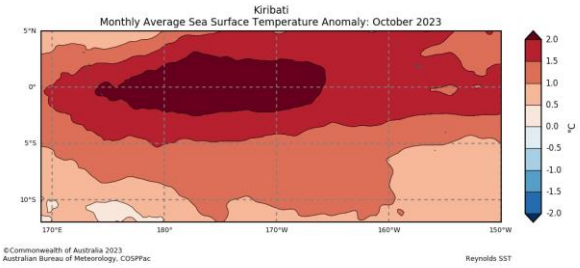
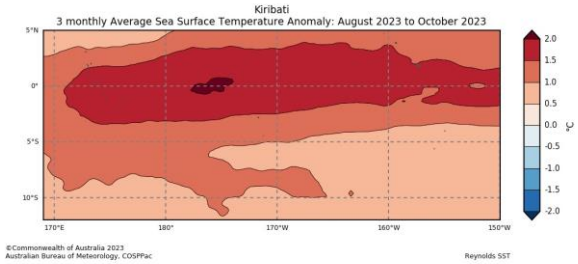
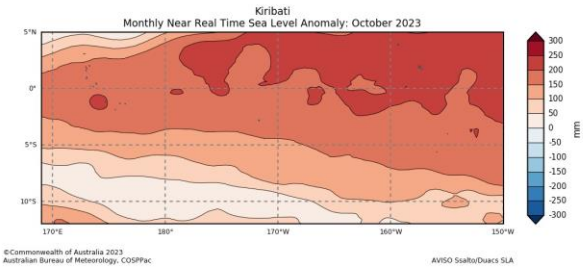
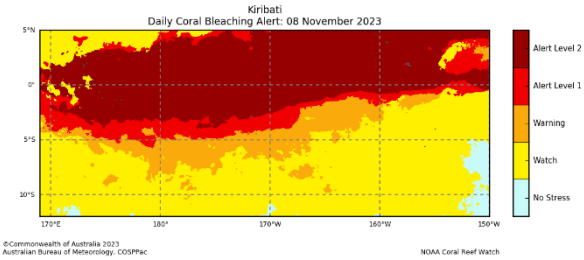
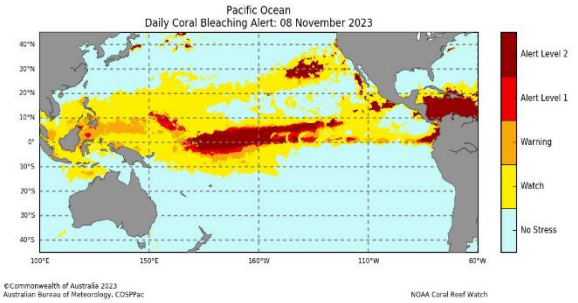
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Beru (1932-2023)	699.1	Above normal	112.7	188.9	133.7	**61/65**
Butaritari (1931-2023)	624.1	Normal	386.3	629.0	544.5	60/86
Kanton (1937-2023)	241.2	Above normal	97.5	169.2	130.0	50/63
Kiritimati (1921-2023)	264.0	Above normal	26.9	58.8	43.9	**89/97**
Tarawa (1950-2023)	839.3	Above normal	198.7	373.2	277.1	67/77
Arorae (1950-2023)	574.7	Above normal	155.2	406.7	236.1	46/55

Part 1i. Monthly and Seasonal Outlooks for December and December 2023 to February 2024

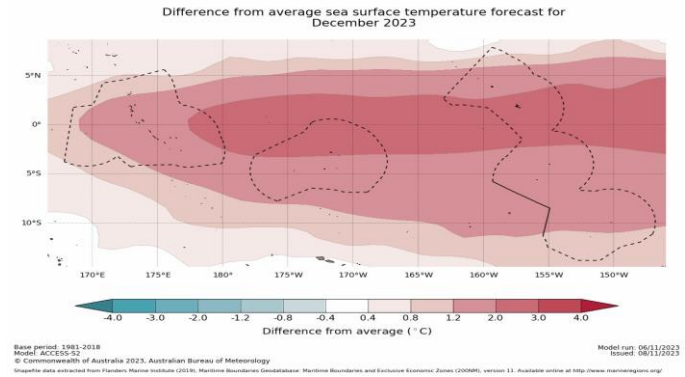
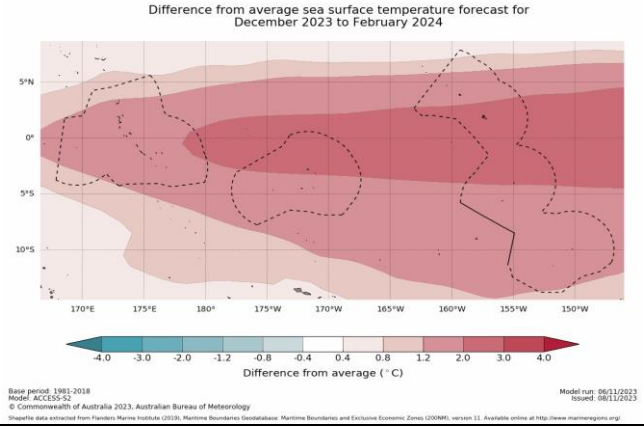
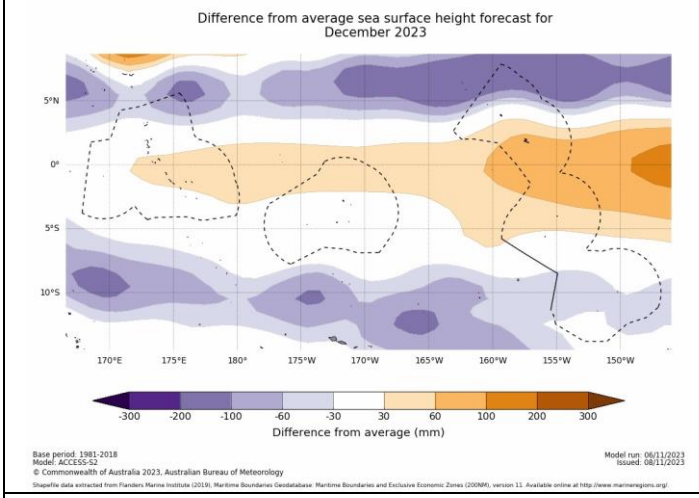
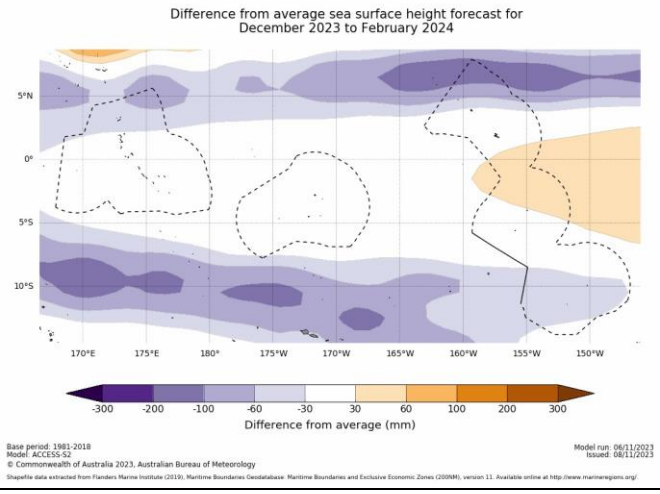
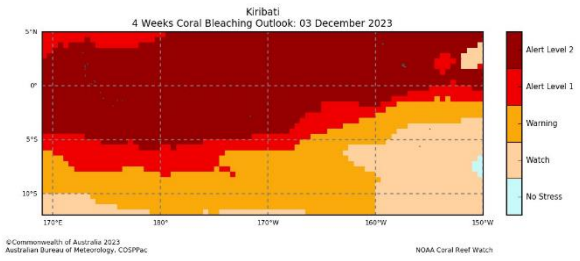
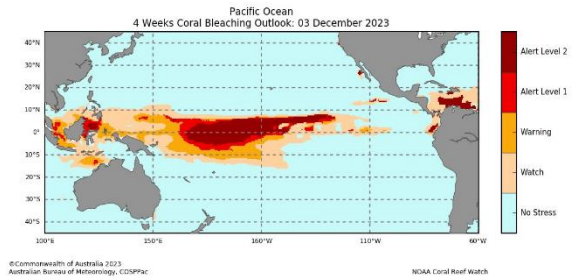
Monthly: December	Seasonal: December to February
Rainfall (Image 1)	**Rainfall (Image 2)**
	
Monthly Maximum temperature (Image 3):	**Seasonal maximum temperature (Image 4):**
	
Monthly minimum temperature (Image 5):	**Seasonal minimum temperature (Image 6):**
	

Part 2: Recent Ocean Observation

Monthly/Three months: October and August to October 2023

Monthly: October	**Last three months: August to October 2023:**
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 December and December 2023 to February 2024

Monthly: December	Seasonal: December to February
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: October 2023/August to October 2023 statement

The rainfall for October was above normal at all stations. Beru recorded its four wettest October on record.

For the past three months, rainfall was normal over Butaritari. The rest of the stations were above normal. Beru recorded its fifth wettest August to October on record.

Part 1i. Monthly and Seasonal Outlooks for December and December to February 2024

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for December and December to February are very likely to be above-normal over Gilbert, Phoenix and Line group.

Maximum and minimum temperatures during December, and average over December to February is very likely to be above normal for the whole Kiribati region.

Part 2: Recent Ocean summary statement

Monthly and last three months: October 2023/August to October 2023

October ocean temperatures around Kiribati were 1.5 to more than 2.0°C above normal.

Averaged over August to October, ocean temperatures around the whole Kiribati region were 1.0 to 2.0°C above normal.

October sea levels around Kiribati were 150mm to 250mm above-normal.

The daily coral bleaching alert shows that majority of Kiribati was in Alert level 2.

Part 2i. Monthly and Seasonal Outlooks for December and December to February 2024

Ocean Variable statement

The ocean temperature for December, and December to February are predicted to be 2.0 to 3.0°C above normal around the northern of the Phoenix and Line group. The Gilbert group and the rest of the Line and Phoenix Islands are predicted to be 0.4 to 1.2°C above normal.

December sea levels around central Gilbert, northern Phoenix and central Line group of Kiribati are predicted to be 30mm to 100mm above normal. The rest are anticipated to be near normal.

Averaged over December to February, sea levels around the Line group are predicted to be 30mm to 60mm above normal. Below normal sea levels of –30mm to –100m are likely to be for northern Gilbert, far northern and southern parts of Line group. The rest are likely to be near normal.

The 4 weeks coral bleaching outlook predicts ‘Alert Level 2’ for almost all the Kiribati Islands.

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

Product	Date: October 2023	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Comments (If there are comments from you Stakeholders)
Climate Bulletin	13th	Government and Non-Government Organisations and Public subscribed to the products	158	70	88	
EAR Watch	17th	Drought committee members	62	35	27	
Media release	13th	KMS Media and KMS staff	53	23	30	
Ocean Outlook	13th	Government and Non-Government Organisations and Public subscribed to the products	158	70	88	
Climate data request	18th to 31st	Government, Non-government organisations and High school students.	5	0	5	
		Total	**436**	**198**	**238**	