Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 179

Country: Kiribati

Part 1: Recent climate

TABLE 1: Monthly Rainfall

Station (include data period)	May- 2022	Jun-2022	Jul-2022				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				Nank
Beru (1932-2022)	9.2	17.8	129.0	42.0	135.8	76.0	42/64
Butaritari (1931-2022)	68.7	115.1	306.3	192.7	299.7	237.1	58/85
Kanton (1937-2022)				56.8	89.4	69.1	
Kiritimati (1921-2022)	18.7	107.7	21.6	22.8	71.6	36.7	35/98
Tarawa (1950-2022)	30.4	33.0	123.9	92.6	188.4	134.8	34/75
Arorae (1950-2022)	2.7	33.3	20.9	77.0	151.1	112.0	3/56

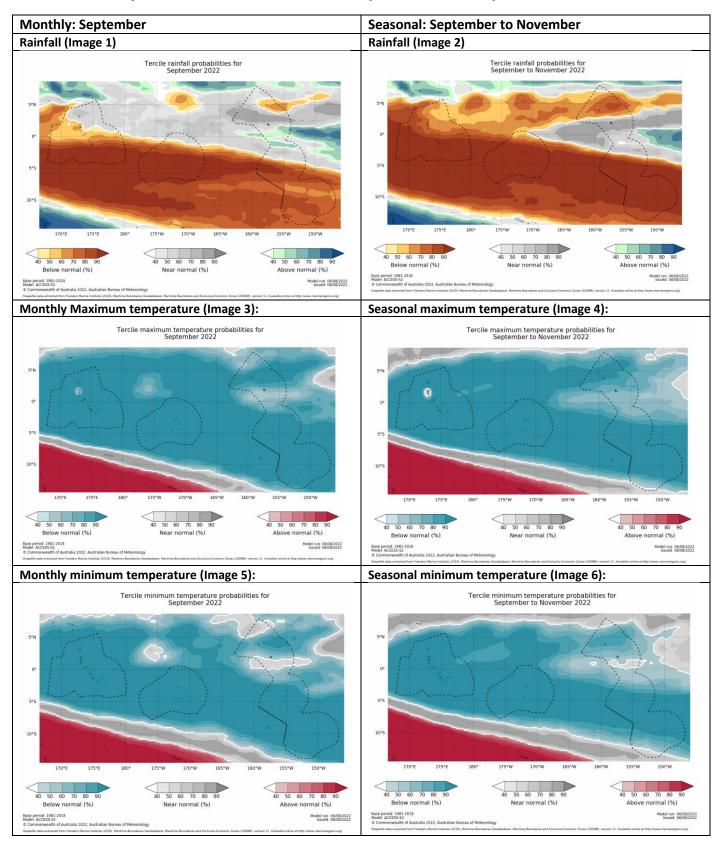
TABLE 2: Three-month Total Rainfall for May to July 2022

Station	Three-month Total		33%tile	67%tile	Median	Rank	
Beru (1932-2022)	156.0	Below normal	176.0	294.3	233.8	18/63	
Butaritari (1931-2022)	490.1	Below normal	690.7	873.9	803.9	12/84	
Kanton (1937-2022)			182.0	280.1	221.9		
Kiritimati (1921-2022)	148.0	Normal	122.7	255.7	180.6	42/98	
Tarawa (1950-2022)	187.3	Below normal	330.5	513.6	403.2	10/75	
Arorae (1950-2022)	56.9	Below normal	250.7	427.3	340.5	1/55	

 $Very \ Low: \ X < 0.0 \\ Low: \ 0 \le X < 5 \\ Moderate \ 5 \le X < 10 \\ Good: \ 10 \le X < 15 \\ High: \ 15 \le X < 25 \\$

Very High: $25 \le X < 35$ Exceptional: $X \ge 35$

Part 1i. Monthly and Seasonal Outlooks for September and September to November 2022

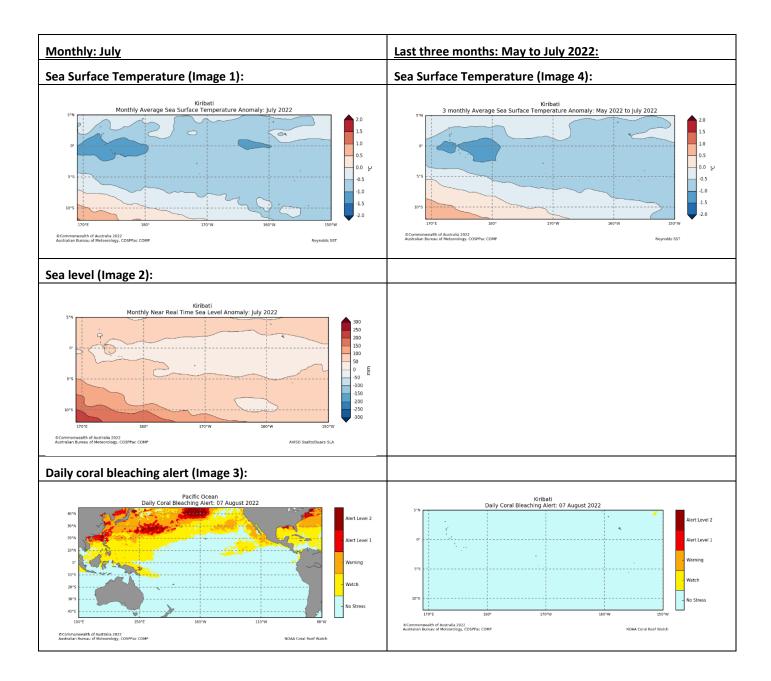


NB: The X LEPS % score has been categorised as follows:

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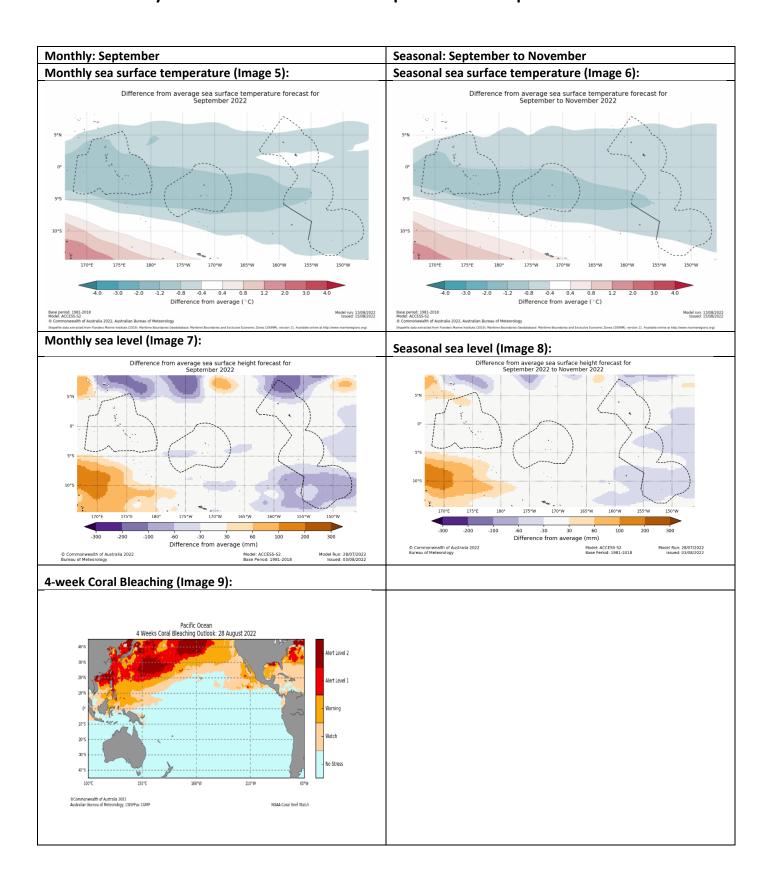
Part 2: Recent Ocean Observation

Monthly: July 2022



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Part 2i. Monthly and Seasonal Outlooks for September and September to November 2022



NB: The X LEPS % score has been categorised as follows:

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Summary Statement

Monthly and last three months: July 2022/May to July 2022 statement (Highly significant changes)

Below normal rainfall was received at Kiritimati and Arorae while Tarawa and Beru received normal rainfall. Above normal rainfall was recorded at Butaritari. This was the third driest July on record at Arorae.

For the three-month period, below normal rainfall was received at all stations except for Kiritimati which received normal rainfall. Arorae and Tarawa recorded their first and tenth driest May to July on record, respectively.

Kanton rainfall data is not available

Part 1i. Monthly and Seasonal Outlooks for September and September to November 2022

Monthly /Seasonal rainfall and temperature Outlook statements (Highly significant changes)

Rainfall for most parts of the Kiribati groups for September, is very likely to be below normal. Normal rainfall is most likely for the far north of the Gilbert Islands and the northern half of the Line Islands.

Rainfall for September to November is very likely to be below normal for nearly all of Kiribati, the main exception being around Kiritimati where near-normal rainfall is likely.

The monthly and three-monthly maximum and minimum temperatures are very likely to be below normal for all the Kiribati regions.

Part 2: Recent Ocean summary statement

Monthly and last three months: July/May to July 2022 (Highly significant changes)

SSTs in July and May-July were 0.5° to 1.5° below average across Kiribati.

All of the Kiribati groups experienced an above average sea surface height anomaly of up to 100mm in the month of July 2022.

There was no thermal stress experienced in Kiribati.

Part 2i. Monthly and Seasonal Outlooks for September and September to November 2022

Ocean Variable statement (Highly significant changes)

Monthly and seasonal SSTs for Kiribati are expected to be about 0.4 to 1.2 degrees below average.

Sea levels are forecast to be within about 30mm of normal for most of Kiribati for the coming month and season. The main exception is the Southern Line Group where forecast sea levels are utmost 100mm below normal for September, and utmost 60mm below normal for September to November 2022.

The 4-weeks coral bleaching shows no thermal stress for Kiribati.

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

Product	Date: July 2022	Stakeholder	Total Number of Participants	Number of male	Number of female
Climate Bulletin	15 th	Government and Non- Government Organisations and public subscribed to the products	118	45	73
EAR Watch	15 th	MISE and NDMO	2		2
Ocean Outlook	15 th	Government and Non- Government Organisations and public subscribed to the products	118	45	73
Media release	15th	National Media and KMS staff	53	23	30
		Total	173	68	105

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