Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 176

Country: Kiribati

Part 1: Recent climate

TABLE 1: Monthly Rainfall

Station (include data period)	Feb-2022	Mar-2022	Apr-2022				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Beru (1932-2022)	18.8	30.6	88.3	44.7	121.3	71.0	37/65
Butaritari (1931-2022)	305.8	179.4	171.4	236.7	378.7	304.0	22/85
Kanton (1937-2022)				45.3	103.9	72.6	
Kiritimati (1921-2022)	7.4	11.0	39.1	108.7	210.2	145.0	12/97
Tarawa (1950-2022)	69.1	68.4	9.5	108.8	217.0	148.5	**2/75**
Arorae (1950-2022)	10.7	6.8	30.2	97.0	190.7	124.0	**5/54**

TABLE 2: Three-month Total Rainfall for February to April 2022

Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Beru (1932-2022)	137.7	Normal	111.3	414.0	257.3	25/65
Butaritari (1931-2022)	656.6	Below normal	672.6	1119.8	925.4	25/85
Kanton (1937-2022)			86.1	217.6	157.1	
Kiritimati (1921-2022)	57.5	Below normal	274.3	446.2	331.0	**5/97**
Tarawa (1950-2022)	147.0	Below normal	323.0	864.7	564.0	10/75
Arorae (1950-2022)	47.7	Below normal	270.4	579.8	364.0	**3/54**

NB: The X LEPS % score has been categorised as follows:
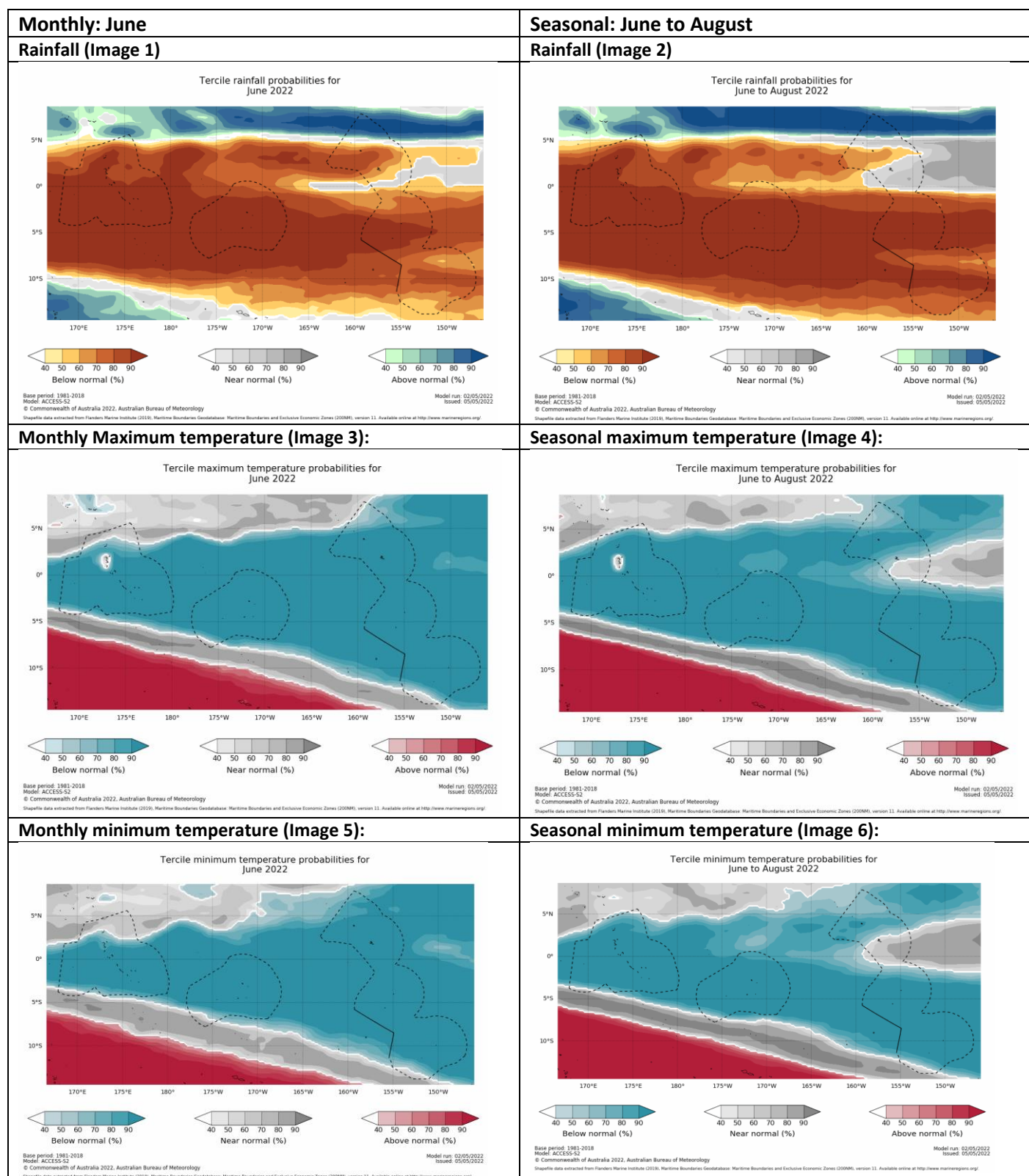
Very Low: X < 0.0   Low: 0 ≤ X < 5   Moderate 5 ≤ X < 10   Good: 10 ≤ X < 15   High: 15≤ X < 25

Very High: 25 ≤X < 35 Exceptional: X ≥ 35

Part 1i. Monthly and Seasonal Outlooks for June and June to August 2022
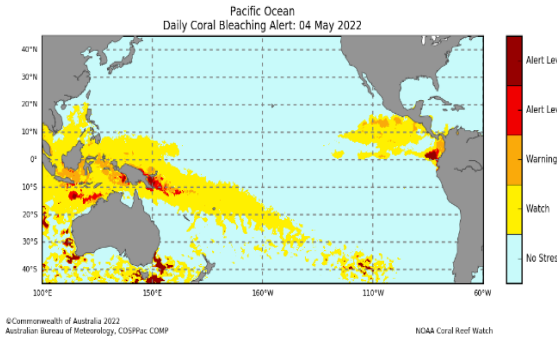
Monthly: June	Seasonal: June to August
Rainfall (Image 1)	**Rainfall (Image 2)**

Monthly Maximum temperature (Image 3):	**Seasonal maximum temperature (Image 4):**

Monthly minimum temperature (Image 5):	**Seasonal minimum temperature (Image 6):**

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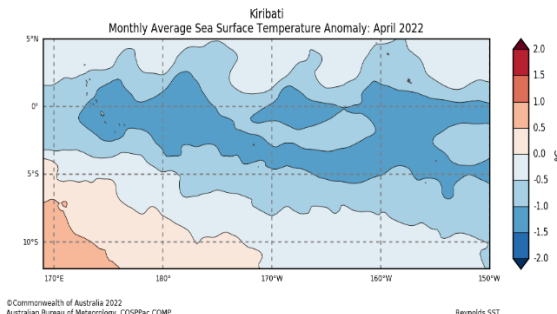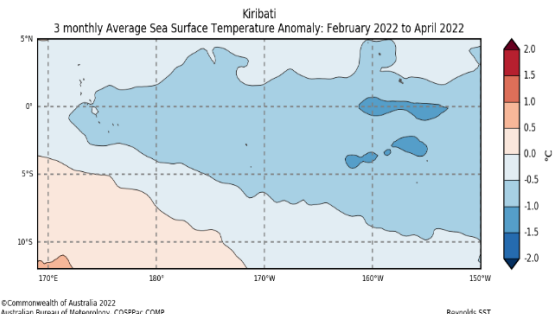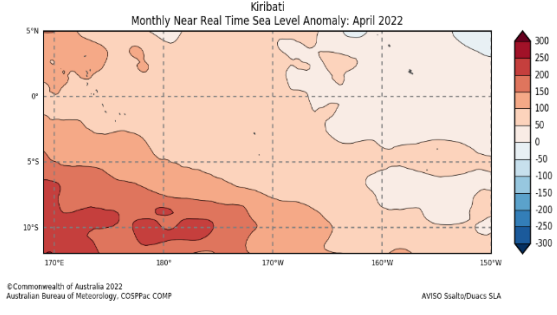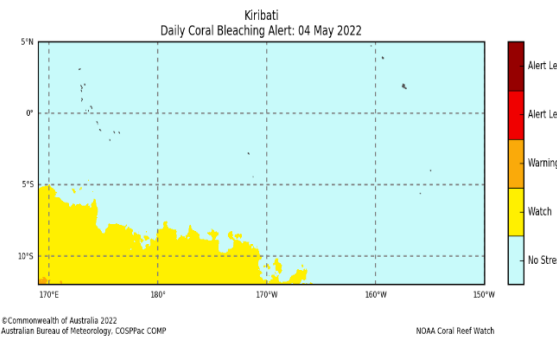
Very High: 25 ≤X < 35 Exceptional: X ≥ 35

Part 2: Recent Ocean summary statement

Monthly: April 2022

Monthly: April	**Last three months: February to April 2022:**
Sea Surface Temperature (Image 1):	**Sea Surface Temperature (Image 4):**
Sea level (Image 2):	
Daily coral bleaching alert (Image 3):	

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Part 2i. Monthly and Seasonal Outlooks for June and June to August 2022

Monthly: June	Seasonal: June to August
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):	

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Summary Statement

Monthly and last three months: April 2022/February to April 2022 statement *(Highly significant changes)*

For the monthly and three months period, below normal rainfall was recorded at all stations except for Beru which recorded normal rainfall. Tarawa and Arorae recorded the second and fifth driest April on record. For February to April, Arorae and Kiritimati recorded the third and fifth driest period on respectively.

Rainfall data is not available for Kanton.

Part 1i. Monthly and Seasonal Outlooks for June and June to August 2022

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

The monthly and three-monthly rainfall, maximum and minimum temperatures outlook show that the Kiribati region is very likely to be below normal however, some parts of the northern Line and Gilbert groups are very likely to be near normal.

Part 2: Recent Ocean summary statement

Monthly and last three months: April/February to April 2022 *(Highly significant changes)*

Most of the Kiribati groups experienced below average SST in the month of April and February to April 2022. In April, the lowest SST of -1.0 to -1.5 degrees covered most of the Kiribati groups, however over the past three months these cool patches were mainly prominent in central Line Islands.

The April Sea level anomaly is slightly increased by up to 150mm in the western Kiribati.

The daily coral bleaching shows no thermal stress for Kiribati.

Part 2i. Monthly and Seasonal Outlooks for June and June to August 2022

Ocean Variable statement *(Highly significant changes)*

The monthly and seasonal outlook for Kiribati shows a significant cooling temperature of -0.4 to -1.2 degrees.

The monthly and seasonal outlook for Kiribati shows a significant sea surface heights difference of -60 to 100mm.

The four weeks coral bleaching outlook shows that there are no coral bleaching alerts for Kiribati.

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

Product	Date: April 2022	Stakeholder	Total Number of Participants	Number of male	Number of female
Climate Bulletin	7th	Government and Non Government Organisations and General public subscribed to the products.	118	45	73
Ocean Outlook	7th	Government and Non Government Organisations and General public subscribed to the products.	118	45	73
Media release	7th	Media outlets	13	7	6
		Total	**131**	**52**	**79**

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