Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 169

Country: Kiribati

Part 1: Recent climate

TABLE 1: Monthly Rainfall

Station (include data period)	Jul-2021	Aug- 2021	Sep-2021				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				Nank
Beru (1932-2021)	101.7	31.0	73.5	25.3	77.0	47.0	45/65
Butaritari (1931-2021)	553.6	152.0	122.1	111.3	179.3	138.0	38/84
Kanton (1937-2021)							
Kiritimati (1921-2021)	30.4	7.4	29.9	4.0	16.8	8.0	77/96
Tarawa (1950-2021)	133.6	54.3	25.0	59.0	142.9	87.3	11/74
Arorae (1950-2021)	151.1	45.7	80.8	40.3	116.3	72.5	31/55

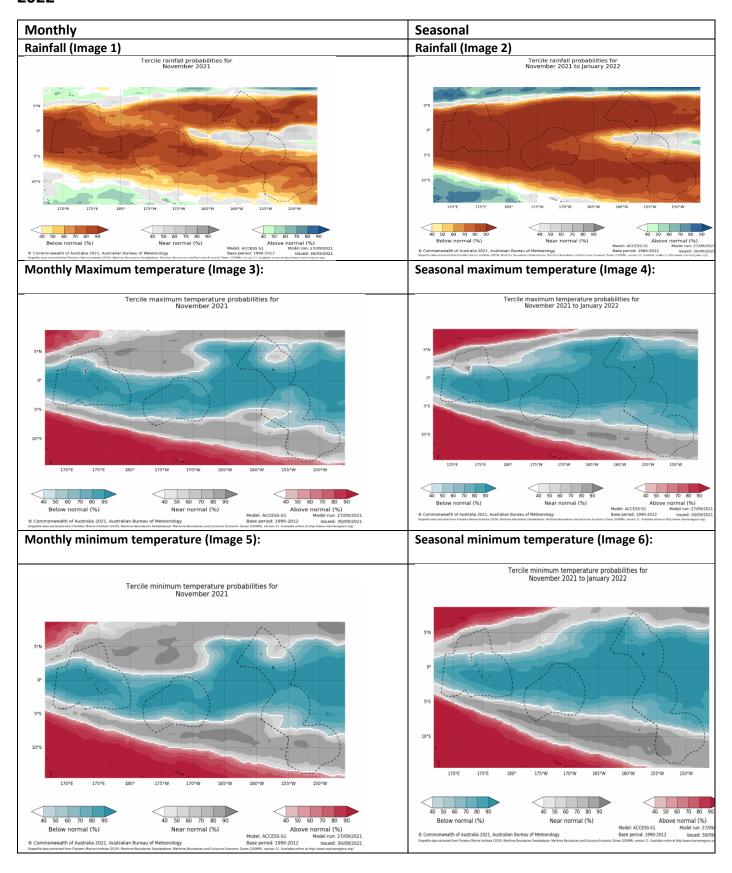
TABLE 2: Three-month Total Rainfall for July to September 2021

Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Beru (1932-2021)	206.2	Normal	133.3	314.1	195.0	34/63
Butaritari (1931-2021)	827.7	Above normal	504.6	734.5	622.0	70/84
Kanton (1937-2021)			158.6	240.4	183.0	
Kiritimati (1921-2021)	67.7	Normal	52.1	115.0	85.0	48/96
Tarawa (1950-2021)	212.9	Normal	195.8	541.4	337.4	26/74
Arorae (1950-2021)	277.6	Below	215.0	447.0	334.0	24/53

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

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

Part 1i. Monthly and Seasonal Outlooks for November and November 2021 to January 2022

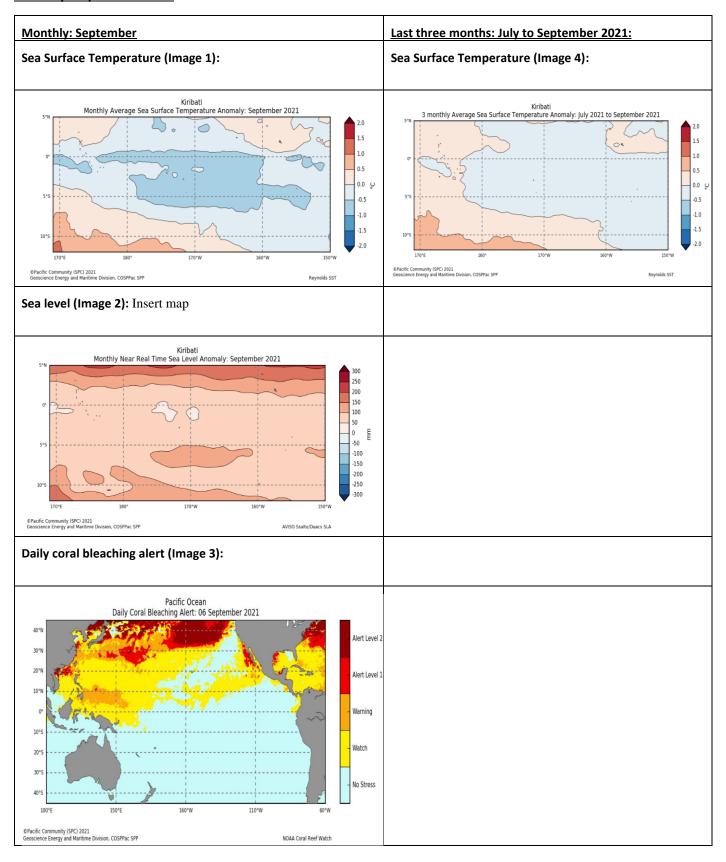


NB: The X LEPS % score has been categorised as follows:

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Part 2: Recent Ocean summary statement

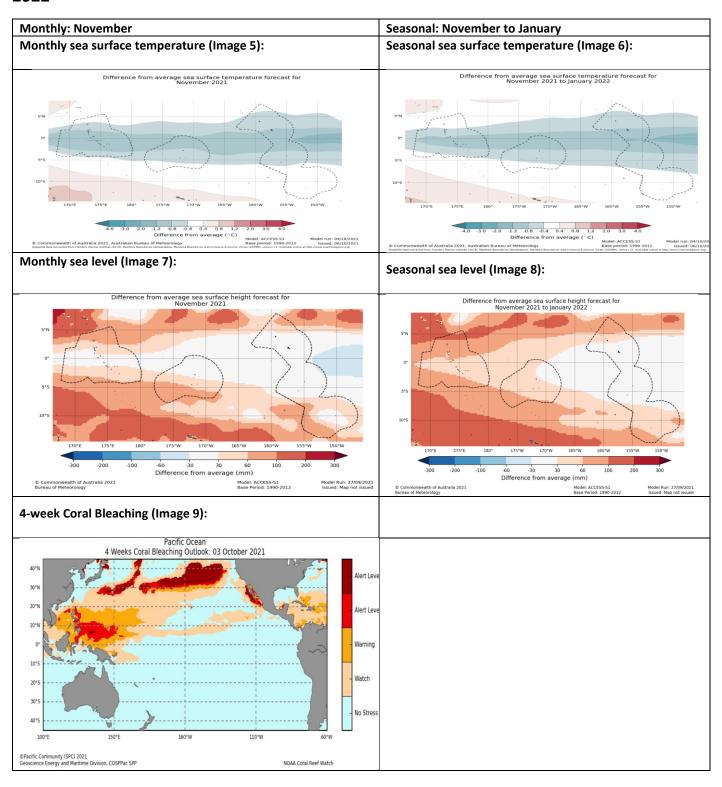
Monthly: September 2021



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Part 2i. Monthly and Seasonal Outlooks for November and November 2021 to January 2022



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

Summary Statement

Monthly and last three months: September 2021/July to September statement (Highly significant changes)

Below normal rainfall was recorded at Tarawa. Near normal rainfall were received in Beru, Butaritari and Arorae while Kiritimati recorded above normal rainfall for September 2021.

For July to September period, Arorae received below normal rainfall while Beru, Kiritimati and Tarawa recorded normal rainfall. Above normal was recorded in Butaritari.

Part 1i. Monthly and Seasonal Outlooks for November and November 2021 to January 2022

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

The outlook is very likely to be below normal for temperature and rainfall at monthly and seasonal except for maximum and minimum seasonal temperature which are likely to be near-normal in the northern part of the Gilbert group.

Part 2: Recent Ocean summary statement

Monthly and last three months: September/July to September 2021 (Highly significant changes)

Some parts of the Gilbert and Line Groups experienced above average SST of 0.0 - 0.5 degrees while the Phoenix and the rest of the Gilbert and Line groups experienced below average SST ranging from 0.0 to -1.0 degrees for both periods (Monthly and Seasonal).

The monthly sea level anomaly across Kiribati in September 2021 was significantly higher than normal ranging from 50 to 200mm.

The daily coral bleaching alert for the northern Gilbert and Line groups are on watch status and the rest of the islands experienced no thermal stress.

Part 2i. Monthly and Seasonal Outlooks for November and November 2021 to January 2022

Ocean Variable statement (Highly significant changes)

The monthly and seasonal outlooks for Kiribati both predict a significant temperature difference of up to -2.0°C.

The monthly sea surface height predicts a significant sea surface heights difference of from neutral to 0.1m.

The outlook for the Kiribati Waters predicts that there will be no coral bleaching alerts expected for the northern most islands in the Gilbert group (Makin & Butaritari) which are forecast to be on watch.

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

Product	Date: September	Stakeholder	Total Number of Participants	Number of males	Number of females
	2021		i an aronpaniso		
Climate Bulletin	21 st	Temaiku Mother Community	~15	7	8
EAR Watch	21st	Temaiku Mother Community	~15	7	8
Ocean Outlook	21st	Temaiku Mother Community	~15	7	8
Climate data request		Secondary School	3	1	2
(Monthly rainfall, temperature and sea level data).					
Climate trends and Climate Projections	22-23rd	Disaster, Climate Change, Agriculture, Geoscience Division, Lands, Human Rights, Employment, Local Council reps (BTC, TUC), Church Faith Base (Catholic, Uniting Church, Mormon). KANGO, KiriCAN, KILGA, Child Fund, Internal Affairs, Disability rep.	33	16	17
Products send via email (Media Release, bulletins, EAR Watch, Ocean Outlook).	6th	Government and Non Government Organisations and general public subscribed to the products.	118	45	73
		Total	169	69	100

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