

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 164

Country: Palau

TABLE 1: Monthly Rainfall

Station (include data period)	Feb-2021	Mar-2021	Apr-2021				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Koror Airport (1951-2021)	342.9	208.3	488.7	173.7	252.3	198.9	67/70

TABLE 2: Three-month Rainfall for February to April 2021

Station	Three-month Total		33%tile	67%tile	Median	Rank	SCOPIIC forecast probabilities based on NINO3.4 November-December 2020				Verification: Consistent, Near-consistent, Inconsistent?
	Rainfall (mm)						B-N	N	A-N	LEPS	
Koror Airport (1951-2021)	1039.9	Above normal	555.2	768.1	668.5	66/70	7	38	55	25	Consistent

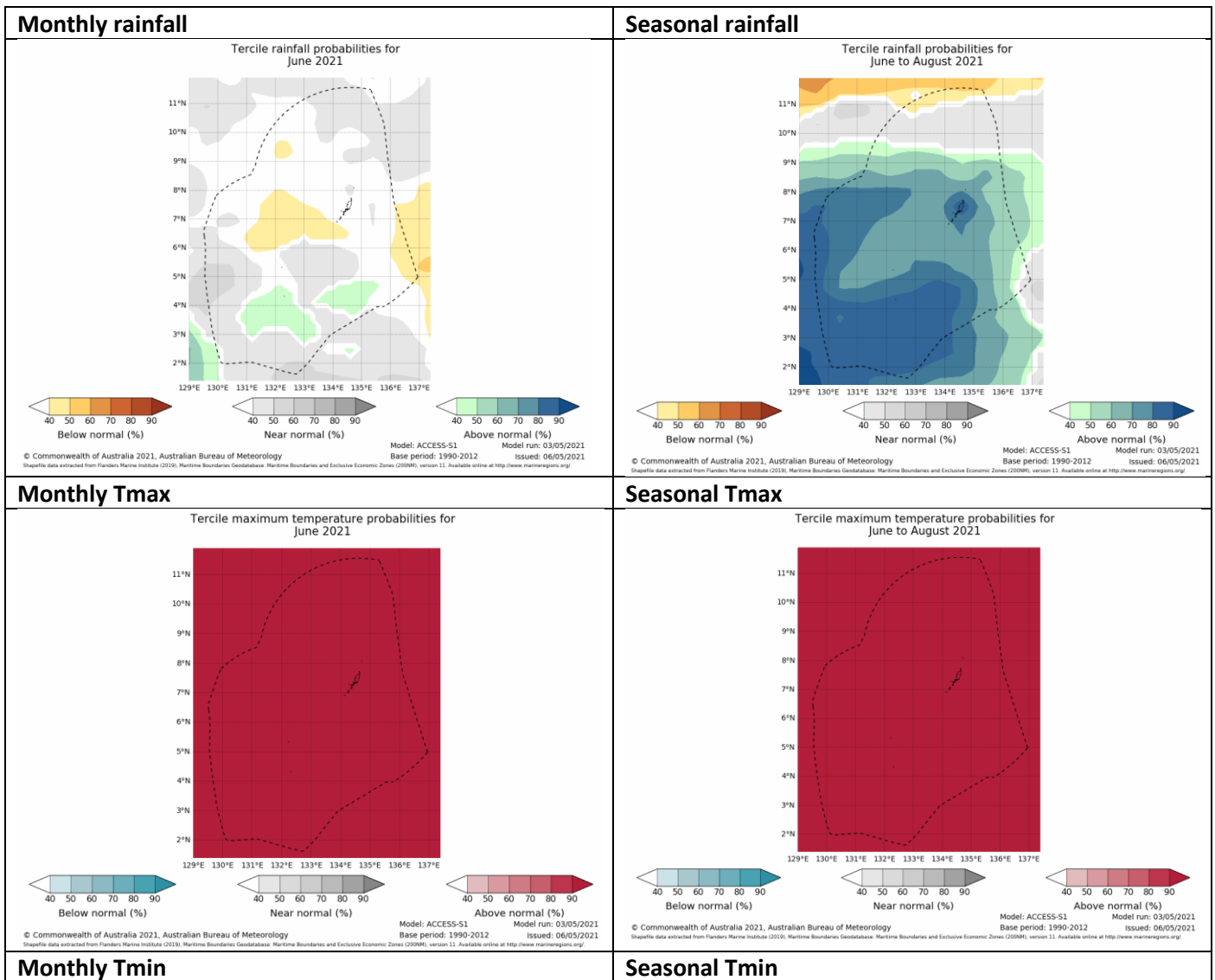
TABLE 3: Seasonal Climate Outlooks using SCOPIC for June to August 2021

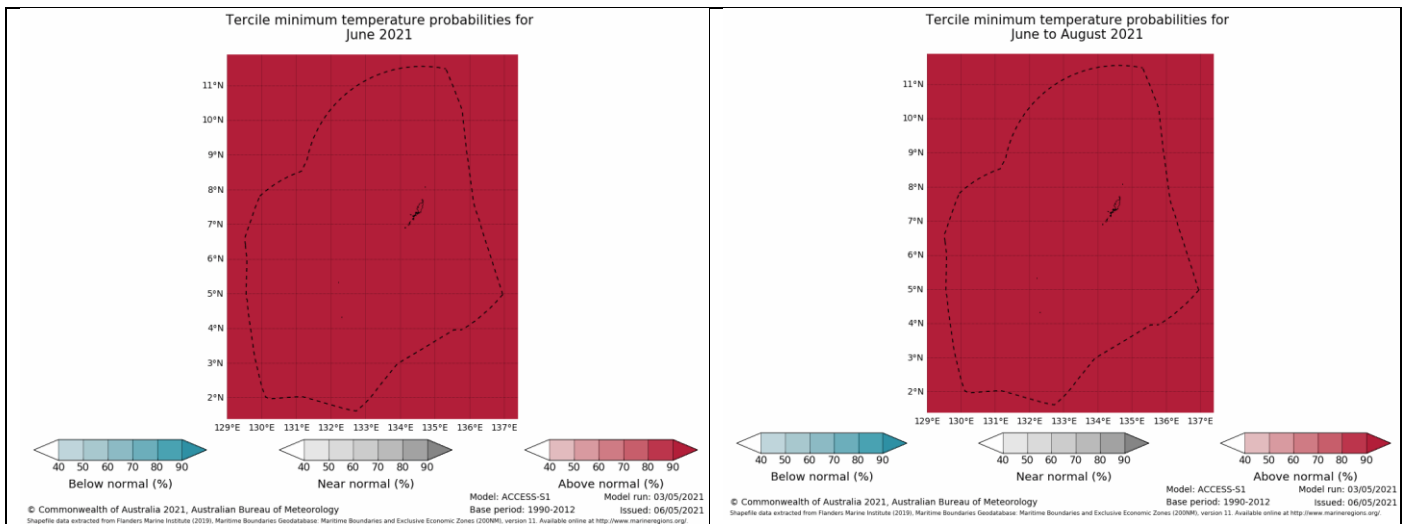
Predictor and Period used: NINO3.4 for March to April 2021

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Koror Airport (1951-2021)	54	1205.2	46		-1	55

Station	Below Normal (prob)	33%ile Rainfall (mm)	Normal (prob)	67%ile Rainfall (mm)	Above Normal (prob)	LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Koror Airport (1951-2021)	29	1124.5	37	1329.9	34	-1	30

TABLE 4: Monthly and Seasonal Climate Outlooks using ACCESS-S for June to August 2021





Summary Statements

Rainfall for April 2021: Koror rainfall for April was above normal. The station recorded its fourth wettest April on record.

Accumulated rainfall for February to April 2021, including outlook verification: Koror rainfall for February to April was above normal. The station recorded its fifth wettest February to April on record. The SCOPIC outlook issued in January was verified as consistent.

Outlooks for June to August 2021:

- 1. SCOPIC:** The outlook for June to August offers little guidance as the chances of above-normal, normal and below-normal rainfall are similar.
- 2. ACCESS-S:**

Monthly rainfall: The ACCESS-S outlook for **June** 2021 offers little guidance across most of Palau including Koror, while above-normal rainfall is the most likely over the some southern areas of the EEZ.

Monthly maximum and minimum temperatures: The ACCESS-S monthly outlook for June favours above normal maximum and minimum temperatures across the whole country.

Seasonal rainfall: The ACCESS-S seasonal outlook for **June to August** 2021 favours above normal rainfall across most of Palau's EEZ, including Koror. The exception is the far north of the EEZ where near-normal or below normal rainfall are the most likely.

Seasonal maximum and minimum temperatures: The ACCESS-S seasonal outlook for June to August 2021 favours above normal maximum and minimum temperatures across all of Palau.

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

Very Low: $X < 0.0$ Low: $0 \leq X < 5$ Moderate $5 \leq X < 10$ Good: $10 \leq X < 15$ High: $15 \leq X < 25$
Very High: $25 \leq X < 35$ Exceptional: $X \geq 35$

TABLE 5: Stakeholder Engagement- Evaluations of how effective NMS engage with stakeholders

Product	Date: April 2021	Stakeholder	Total Number of Participants	Number of male	Number of female
Weather and Climate Briefing	Every Thursdays on Government Radio and T.V.	Public	N/A	N/A	N/A
Total			N/A	N/A	N/A