

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 163

Country: Palau

TABLE 1: Monthly Rainfall

Station (include data period)	Jan-2021	Feb-2021	Mar-2021				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Koror Airport (1951-2021)	208.8	342.9	208.3	151.3	230.0	182.9	41/70

TABLE 2: Three-month Rainfall for January to March 2021

Station	Three-month Total		33%tile	67%tile	Median	Rank	SCOPIC forecast probabilities based on NINO3.4 October-November 2020				Verification: Consistent, Near-consistent, Inconsistent?
	Rainfall (mm)						B-N	N	A-N	LEPS	
Koror Airport (1951-2021)	760.0	Normal	546.4	816.8	684.3	40/70	5	31	64	34	Near-consistent

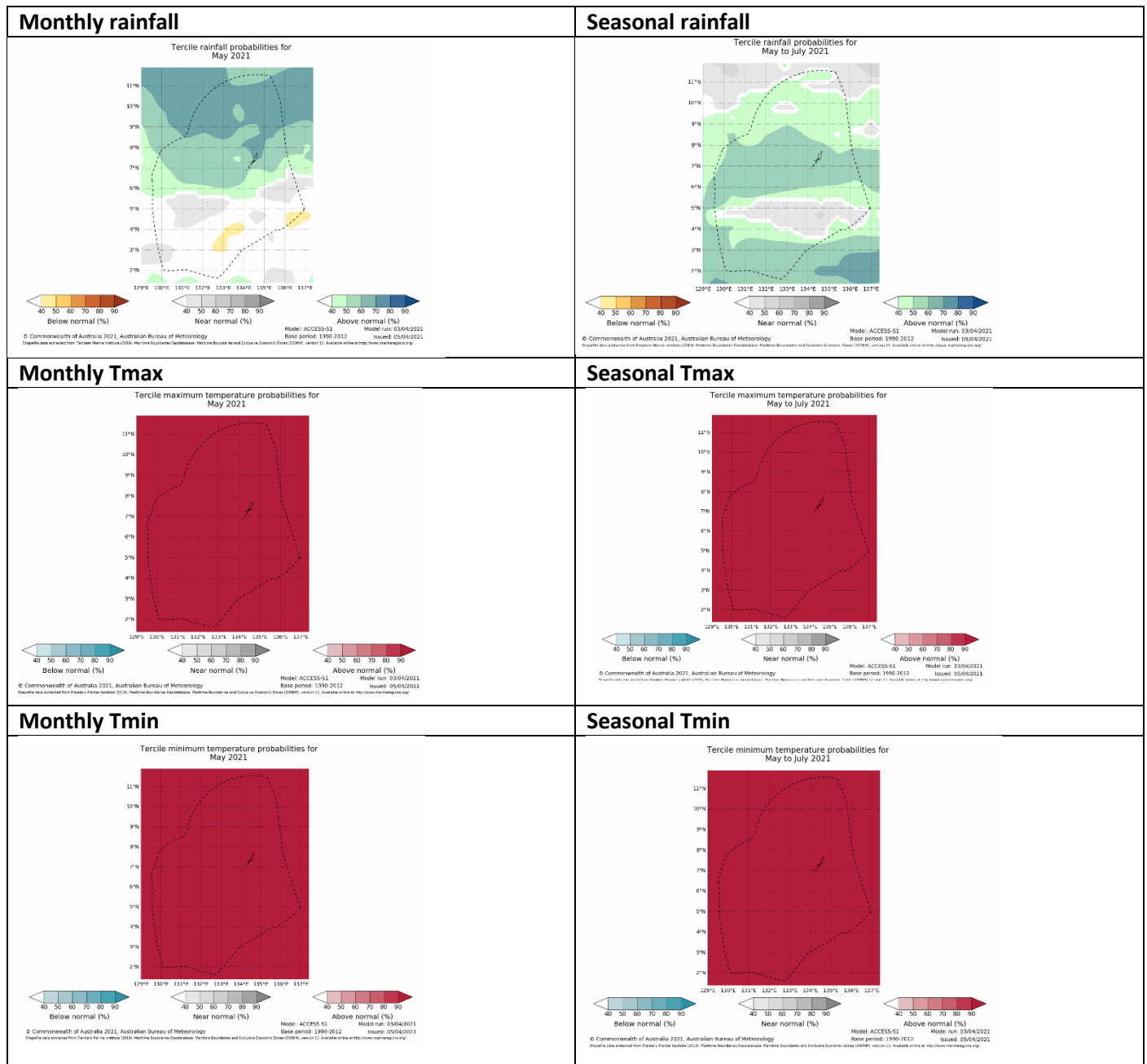
TABLE 3: Seasonal Climate Outlooks using SCOPIC for May to July 2021

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

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)	LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Koror Airport (1951-2021)	40	1153.4	60	1	51

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	1010.9	34	1299.5	37	-1	35

TABLE 4: Monthly and Seasonal Climate Outlooks using ACCESS-S for May to July 2021



Summary Statements

Rainfall for March 2021: Koror rainfall for March 2021 was normal.

Accumulated rainfall for January to March 2021, including outlook verification: Koror's rainfall for January to March was normal and the verification of the outlook issued in December was near-consistent.

Outlooks for May to July 2021:

1. **SCOPIC:** The SCOPIC outlook for May to July 2021 offer 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 May 2021 favours above normal rainfall across the main islands of Palau, including Koror where the chance of above normal is between 60 and 70%.

Monthly maximum and minimum temperatures: The ACCESS-S outlook for May 2021 favours above normal maximum and minimum temperatures across Koror and the whole country.

Seasonal rainfall: The ACCESS-S outlook for May to July 2021 favours above normal rainfall across most of Palau's EEZ, including Koror where the chance of above normal is between 60 to 70%.

Seasonal maximum and minimum temperatures: The ACCESS-S outlook for May to July 2021 favours above normal maximum and minimum temperatures across Koror and the whole country.

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: March 2021	Stakeholder	Total Number of Participants	Number of male	Number of female
Local radio talk show on UNDP and UNEP projects with NEMO and NMS	Every Monday	Public	N/A	N/A	N/A
Melekeok Elementary & Weather Climate Outreach		Students in 2 nd and 6 th grade, teachers and parents	18 8	6 (boys) 2	12 (girls) 6
Total			26	8	18