

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 159

Country: Palau

TABLE 1: Monthly Rainfall

Station (include data period)	Sep-2020	Oct-2020	Nov-2020				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Koror Airport (1951-2020)	339.9	391.9	297.4	236.1	328.3	277.9	43/70

TABLE 2: Three-month Rainfall for September to November 2020

Station	Three-month Total		33%tile	67%tile	Median	Rank	SCOPIC forecast probabilities based on NINO3.4 June-July 2020				Verification: Consistent, Near-consistent, Inconsistent?
	Rainfall (mm)						B-N	N	A-N	LEPS	
Koror Airport (1951-2020)	1029.2	Above normal	826.3	1015.3	916.4	49/70	30	35	35	8	Near-consistent

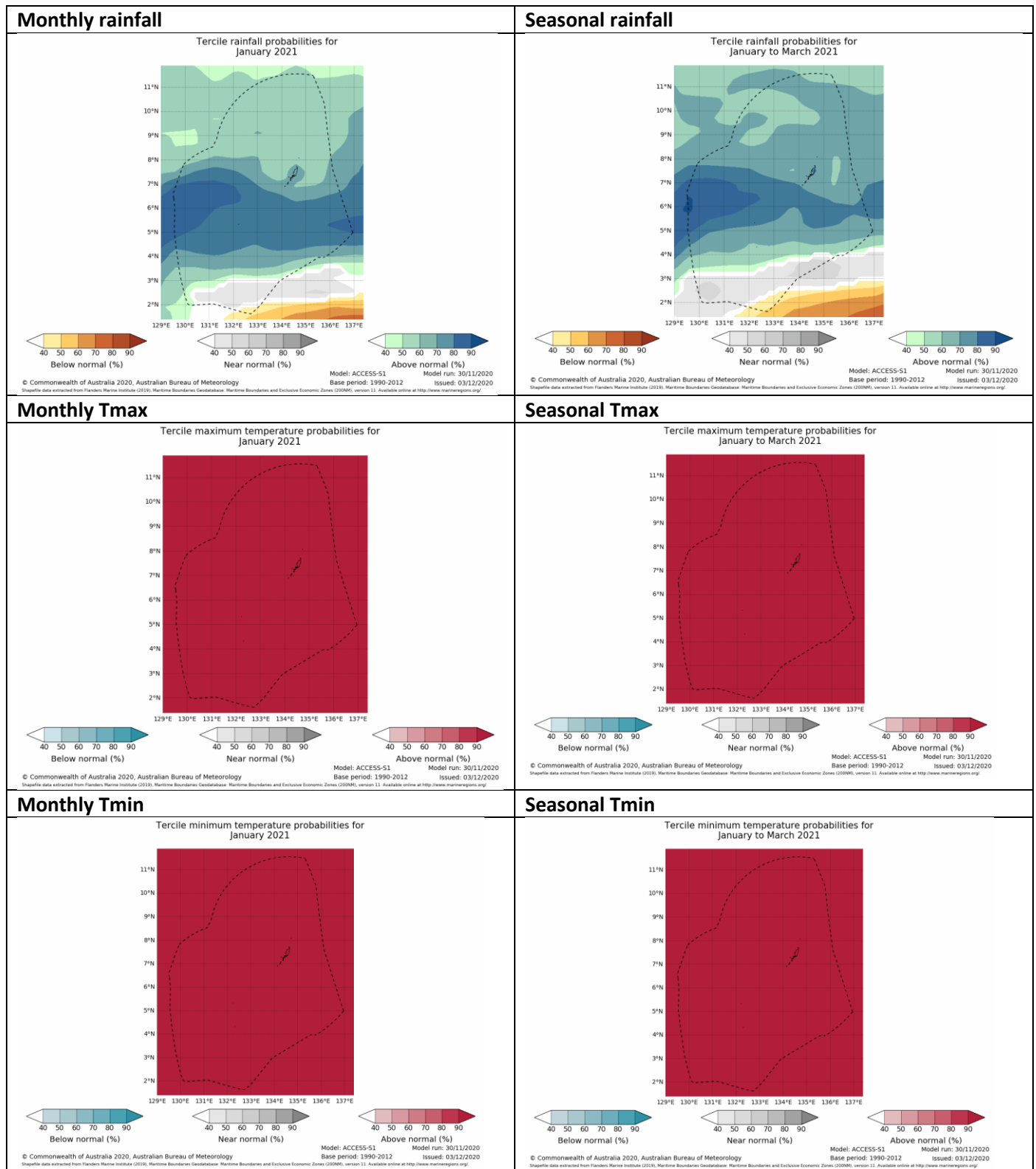
TABLE 3: Seasonal Climate Outlooks using SCOPIC for January to March 2021

Predictor and Period used: NINO3.4 for October to November 2020

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Koror Airport (1951-2020)	24	684.3	76		20	73

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 (1951-2020)	5	546.4	31	816.8	64	34	59

TABLE 4: Monthly and Seasonal Climate Outlooks using ACCESS-S for January to March 2021



Summary Statements

Rainfall for November 2020: November 2020 rainfall for Koror was normal.

Accumulated rainfall for September to November 2020, including outlook verification: The seasonal rainfall total for Koror for September to November 2020 was above normal. The verification outlook issued in August of 2020 was near-consistent.

Outlooks for January to March 2021:

1. **SCOPIIC:** The SCOPIIC outlook for January to March 2021 favours above normal.

2. **ACCESS-S:**

Monthly rainfall: The ACCESS-S outlook for January 2021 favours above normal rainfall across most of Palau, including Koror where the chances of above normal are about 60 to 70% for the main islands, and 60 to 80% for the southwest islands.

Monthly maximum and minimum temperatures: The ACCESS-S monthly maximum and minimum temperatures for January 2021 favours above normal maximum and minimum temperatures across Palau, including Koror where the chance of above normal is 90%.

Seasonal rainfall: The ACCESS-S seasonal rainfall outlook for January to March 2021 favours above normal rainfall for majority of the country, including Koror where the chance of above normal is about 60 to 70%. Over the far south of the country, the outlook indicates near-normal rainfall as the most likely outcome.

Seasonal maximum and minimum temperatures: The ACCESS-S seasonal maximum and minimum temperatures for January to March 2021 favours above normal maximum and minimum temperatures across Palau, including Koror where the chance of above normal is 90%.

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: November 2020	Stakeholder	Total Number of Participants	Number of male	Number of female
Press release on PICO-7	Nov. 4	ROP website	N/A	N/A	N/A
same	Nov. 10	WSO Palau Facebook page	78	N/A	N/A
Current State of the Climate slide	Nov. 11	WSO Palau Facebook page	186	N/A	N/A
Total			264+	N/A	N/A