

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 162

Country: Palau

TABLE 1: Monthly Rainfall

Station (include data period)	Dec-2020	Jan-2021	Feb-2021				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Koror (1951-2021)	316.5	208.8	342.9	139.4	268.6	200.9	55/70

**TABLE 2: Three-month Rainfall for December 2020 to February 2021**

Station	Three-month Total		33%tile	67%tile	Median	Rank	SCOPIIC forecast probabilities based on NINO3.4 September-October 2020				Verification: Consistent, Near-consistent, Inconsistent?
	Rainfall (mm)						B-N	N	A-N	LEPS	
Koror (1951-2021)	868.2	Normal	668.8	935.8	829.8	38/70	8	36	56	25	Near-consistent

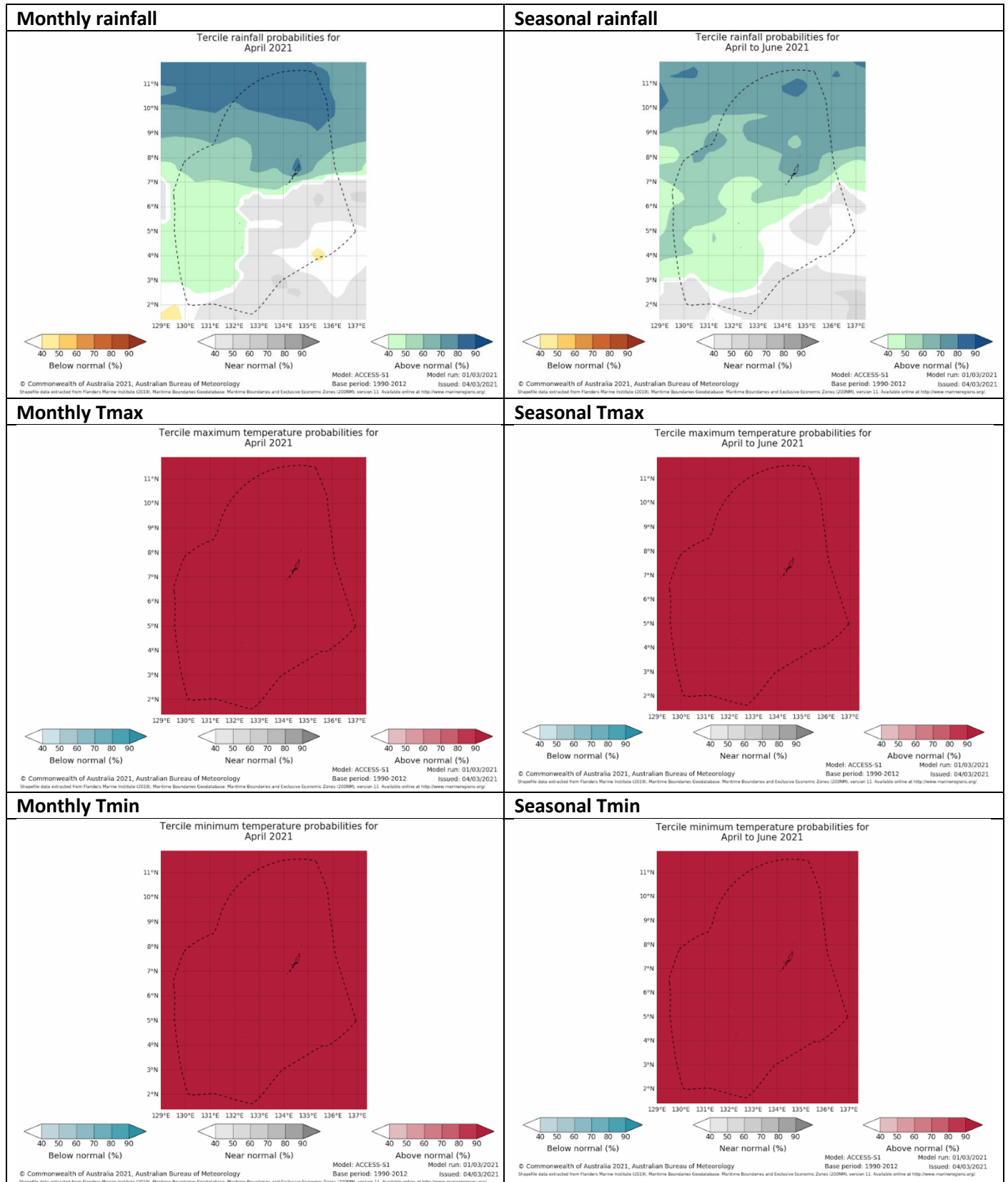
**TABLE 3: Seasonal Climate Outlooks using SCOPIC for April to June 2021**

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

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Koror (1951-2021)	47	947.2	53		-1	45

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 (1951-2021)	29	873.1	28	1019.9	43	1	25

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



## Summary Statements

**Rainfall for February 2021:** Koror rainfall for February 2021 was above normal.

**Accumulated rainfall for December 2020 to February 2021, including outlook verification:** Koror seasonal rainfall for December 2020 to February 2021 was normal. The verification of the SCOPIC outlook issued in November 2020 was near-consistent.

### **Outlooks for April to June 2021:**

1. **SCOPIC:** The outlook for April to June 2021 shows above normal as the most likely outcome, with normal the next most likely. Below normal is the least likely.

### 2. **ACCESS-S:**

**Monthly rainfall:** The ACCESS-S monthly outlook for April 2021 favours above normal rainfall across Palau, including Koror where the chance of above normal is between 70 to 80%. Across Palau's EEZ, there are higher chances of above normal rainfall in the north, while near-normal rainfall is most likely over the southeast.

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

**Seasonal rainfall:** The ACCESS-S seasonal outlook for April to June 2021 favours above normal rainfall across most of Palau's EEZ, including Koror and northern regions where the chance of above normal is between 70 to 80%.

**Seasonal maximum and minimum temperatures:** The ACCESS-S seasonal outlook for April to June 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**

<b>Product</b>	<b>Date: February 2021</b>	<b>Stakeholder</b>	<b>Total Number of Participants</b>	<b>Number of male</b>	<b>Number of female</b>
Local radio talk show on UNDP and UNEP projects with NEMO and NMS	Every Monday	Public	N/A	N/A	N/A
In Koror State with NEMO and NMS: Gender Training, incorporated into Disaster Framework	Feb. 10-11	All government agency representatives	50	14	36
In Ngaraard State with NEMO, NWS and Red Cross : CREWS and Traditional Knowledge Project	Feb. 12	Governor and Community	78	38	40
<b>Total</b>			<b>128</b>	<b>52</b>	<b>76</b>