

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 160

Country: Niue

TABLE 1: Monthly Rainfall

Station (include data period)	Oct-2020	Nov-2020	Dec-2020				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Hanan Airport (1905-2020)	265.9	213.8	260.3	130.0	218.7	149.0	87/116

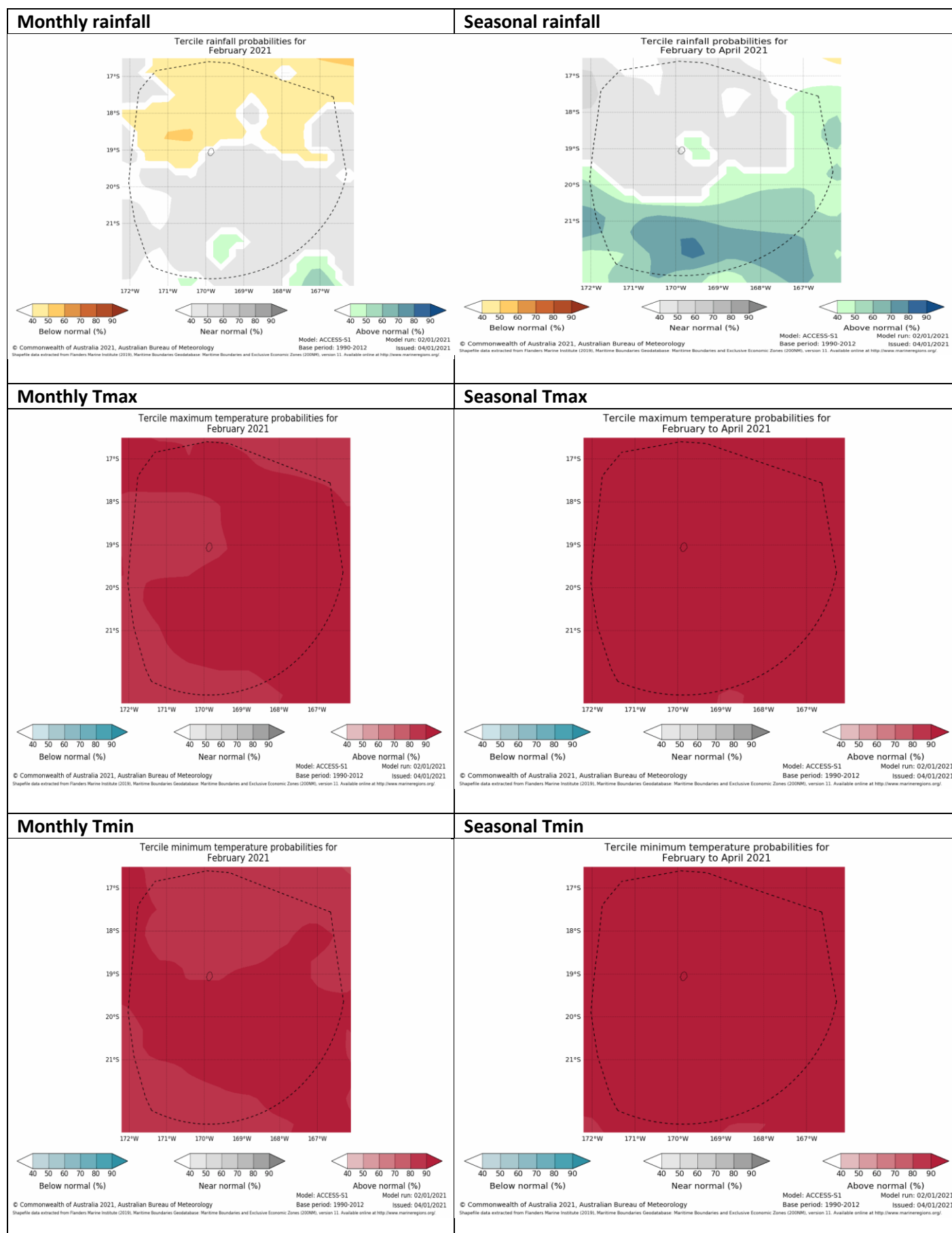
TABLE 2: Three-month Rainfall for October to December 2020

Station	Three-month Total		33%tile	67%tile	Median	Rank	SCOPIC forecast probabilities based on NINO3.4 July - August 2020				Verification: Consistent, Near-consistent, Inconsistent?
	Rainfall (mm)						B-N	N	A-N	LEPS	
Hanan Airport (1905-2020)	740.0	Above normal	372.8	562.8	445.9	99/115	22	39	39	14	Near-consistent

TABLE 3: Seasonal Climate Outlooks using SCOPIC for February to April 2021**Predictor and Period used: NINO3.4 for November to December 2020**

Station	Below Normal (prob)	33%ile Rainfall (mm)	Normal (prob)	67%ile Rainfall (mm)	Above Normal (prob)	LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Hanan Airport (1905- 2020)	14	661.6	44	867.6	42	10	49

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



Summary Statements

Rainfall for December 2020:

Hanan Airport's December rainfall was above normal.

Accumulated rainfall for October to December 2020, including outlook verification:

The accumulated rainfall for October to December was above normal, with the outlook issued in September being verified as near-consistent.

Outlooks for February to April 2021:

1. SCOPIC:

The outlook for February to April shows near-equal chances of normal and above normal rainfall. Below normal is the least likely.

2. ACCESS-S:

Monthly rainfall:

The outlook for February shows near-normal rainfall as the most likely outcome.

Monthly maximum temperature and minimum temperatures:

The outlook for February favours above normal temperatures.

Seasonal rainfall:

The outlook for February to April favours near-normal rainfall.

Seasonal maximum temperature and minimum temperatures:

The outlook for February to April favours above normal temperatures.

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: December 2020	Stakeholder	Total Number of Participants	Number of males	Number of females
Climate Bulletin	08/12/2020 – 18/12/2020	General public	21	10	11
		Government officials	18	6	12
		Village council	15	5	10
		Private sector Facebook users	11	6	5
	22/12/2020	Hakupu fishermen club	26	14	12
EAR Watch					
Monthly Climate Briefing	24/12/2020	Stakeholders	25	10	15
		Government Officials	15	7	8
		Government all staff Village Council	15	5	10
Ocean Bulletin					
Total			146	63	83