

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 158

Country: Niue

TABLE 1: Monthly Rainfall

Station (include data period)	Aug-2020	Sep-2020	Oct-2020				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Hanan Airport (1905-2020)	70.1	110.6	268.9	67.6	166.8	111.5	103/116

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

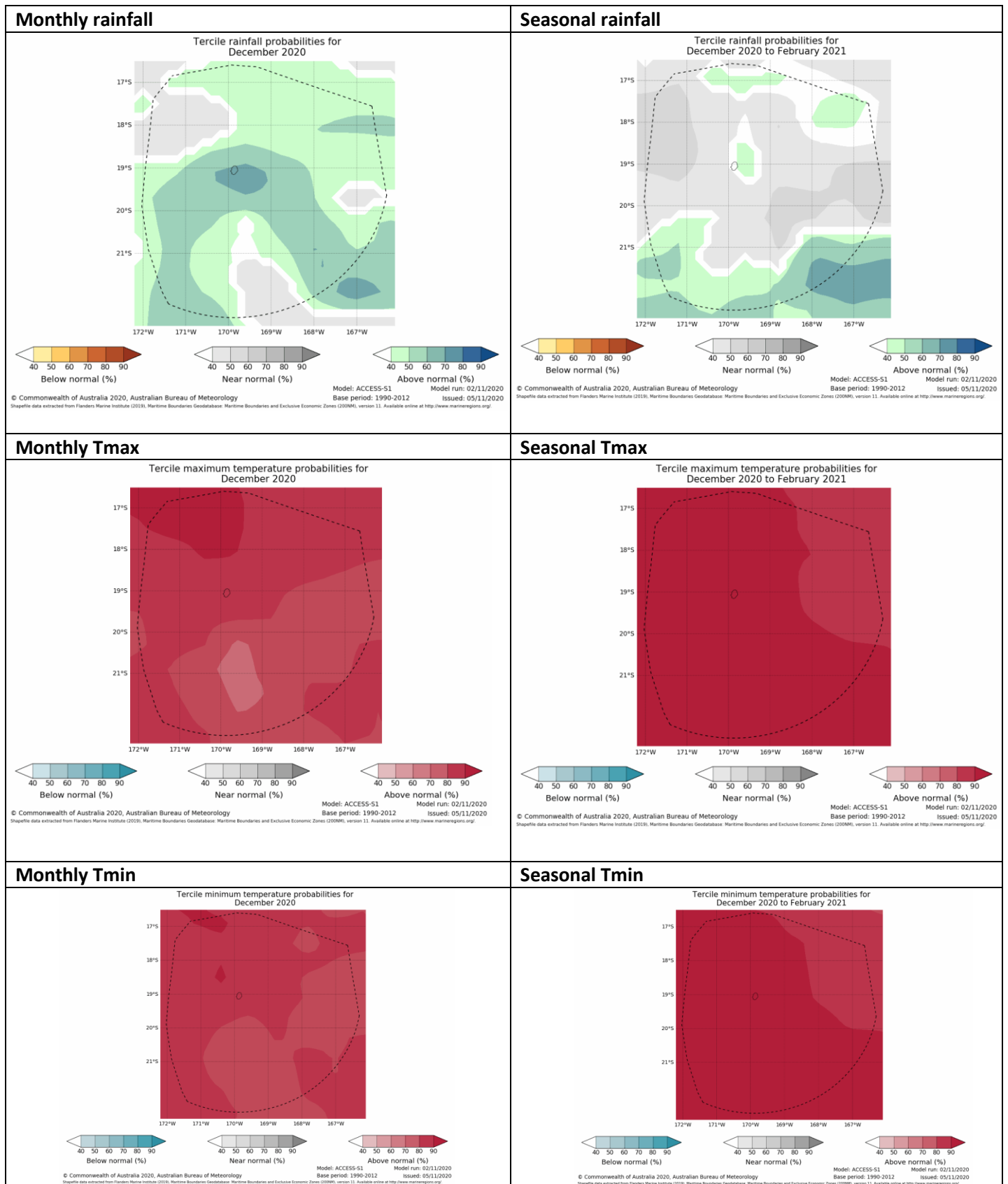
Station	Three-month Total		33%tile	67%tile	Median	Rank	SCOPIC forecast probabilities based on NINO3.4 May - June 2020				Verification: Consistent, Near- consistent, Inconsistent?
	Rainfall (mm)						B-N	N	A-N	LEPS	
Hanan Airport (1905-2020)	449.6	Above normal	253.2	446.3	334.2	80/111	30	35	35	3	Near-consistent

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

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Hanan Airport (1905-2020)	29	685.6	71		15	67

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)	10	611.8	42	830.5	48	17	50

TABLE 4: Monthly and Seasonal Climate Outlooks using ACCESS-S for December 2020 to February 2021



Summary Statements

Rainfall for October 2020:

Hanan Airport's rainfall was above normal.

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

The accumulated rainfall for August to October was above normal, with the forecast issued in July verified as near-consistent.

Outlooks for December 2020 February 2021:

1. SCOPIC:

The outlook for December 2020 to February 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 outlook favours above normal rainfall.

Monthly maximum and minimum temperatures:

The outlook for December favours above normal temperatures.

Seasonal rainfall:

The outlook for December to February offers little guidance as the chances of below normal, near-normal and above normal rainfall are similar.

Seasonal maximum and minimum temperatures:

The outlook for December to February favours above normal maximum and minimum 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: October 2020	Stakeholder	Total Number of Participants	Number of male	Number of female
Climate Bulletin	22/10/2020	General public	60	20	40
		Government Officials	20	10	10
		Village council	15	5	10
		Private Sector			
EAR Watch					
Monthly Climate Briefing	30/10/2020	Stakeholders	20	10	10
		Government Officials	15	7	8
		Government all staff	30	20	10
		Facebook users			
		Village Council	15	5	10
		Weather group			
Ocean Bulletin					
Total			175	77	98