

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 166

Country: Niue

TABLE 1: Monthly Rainfall

Station (include data period)	Apr-2021	May-2021	Jun-2021				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Hanan Airport (1905-2021)	189.9	205.7	167.7	58.8	105.6	77.7	99/116

TABLE 2: Three-month Rainfall for April to June 2021

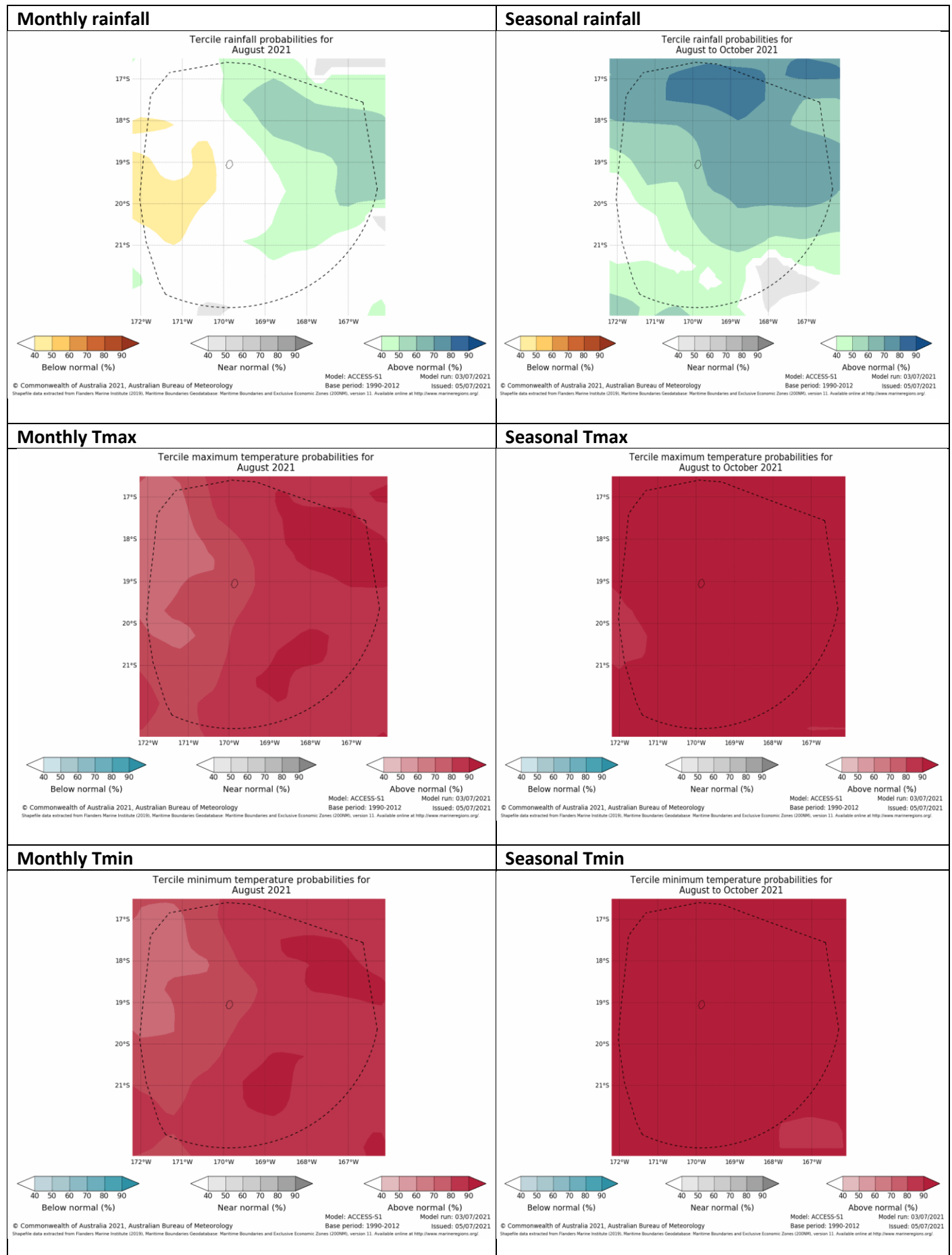
Station	Three-month Total		33%tile	67%tile	Median	Rank	SCOPIC forecast probabilities based on NINO3.4 January - February 2021				Verification: Consistent, Near- consistent, Inconsistent?
	Rainfall (mm)						B-N	N	A-N	LEPS	
Hanan Airport (1905-2021)	563.3	Above normal	354.9	525.6	442.5	90/115	22	40	38	2	Near-consistent

TABLE 3: Seasonal Climate Outlooks using SCOPIC for August to October 2021**Predictor and Period used: NINO3.4 for May to June 2021**

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Hanan Airport (1905-2021)	48	337.5	52		4	63

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 (1905-2021)	29	254.3	35	448.5	36	3	45

TABLE 4: Monthly and Seasonal Climate Outlooks using ACCESS-S for August to October 2021



Summary Statements

Rainfall for June 2021:

Hanan Airport's June rainfall was above normal.

Accumulated rainfall for April to June 2021, including outlook verification:

The accumulated rainfall for April to June was above normal, with the outlook issued in March being verified as near-consistent.

Outlooks for August to October 2021:

1. SCOPIC:

The outlook for August to October offers little guidance as the chances of above-normal, normal and below-normal are similar.

2. ACCESS-S:

Monthly rainfall:

The accumulated rainfall outlook for **August** offers little guidance as the chances of above-normal, normal and below-normal are similar.

Monthly/Seasonal maximum and minimum temperatures:

The outlook favours above normal maximum and minimum temperatures for August and August to October.

Seasonal rainfall:

The outlook for August to October favours above normal rainfall for Niue.

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: June 2021	Stakeholder	Total Number of Participants	Number of male	Number of female
Climate Bulletin	04/06/2021	Government officials	20	10	10
	17/06/2021	Village Council	12	10	2
		Private Sector			
		General Public	8	2	6
EAR Watch					
Monthly Climate Briefing	18/06/2021	Stakeholders	25	10	15
		Government Officials	15	7	8
		Government all staff			
		Village Council	15	5	10
Ocean Bulletin					
Total			95	44	51