

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 152

Country: Niue

TABLE 1: Monthly Rainfall

Station (include data period)	Feb-2020	Mar-2020	Apr-2020				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Hanan Airport (1905-2020)	229.4	260.8	507.0	168.9	270.5	219.2	114/115

TABLE 2: Three-month Rainfall for February to April 2020

Station	Three-month Total		33%tile	67%tile	Median	Rank	SCOPIC forecast probabilities based on NINO3.4 November - December 2019				Verification: Consistent, Near-consistent, Inconsistent?
	Rainfall (mm)						B-N	N	A-N	LEPS	
Hanan Airport (1905-2020)	997.2	Above normal	657.9	864.1	758.1	96/115	44	27	29	11	Inconsistent

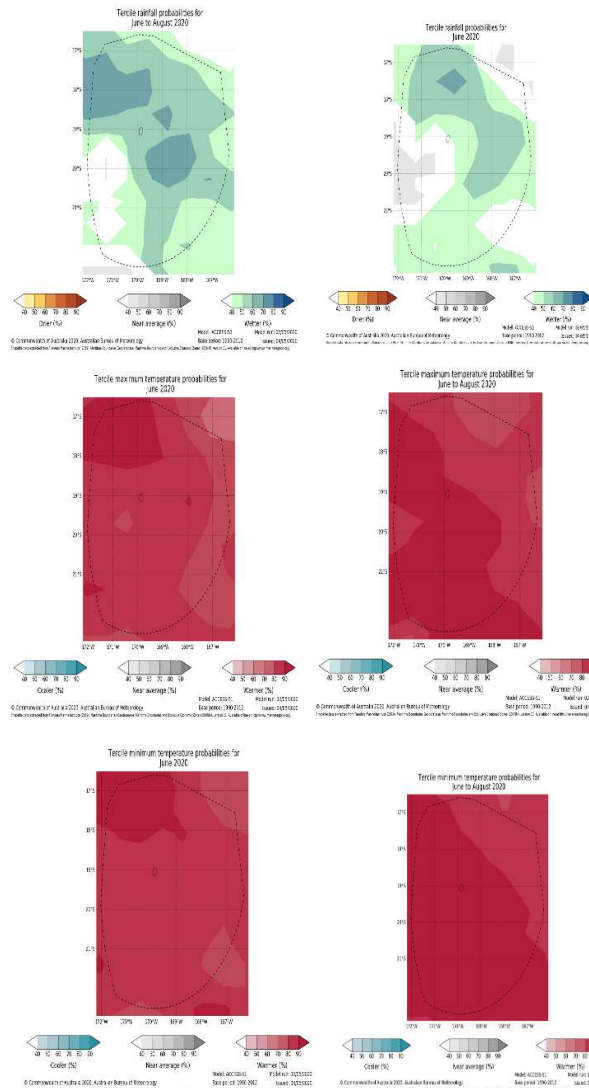
TABLE 3: Seasonal Climate Outlooks using SCOPIC for June to August 2020

Predictor and Period used: NINO3.4 for March to April 2020

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Hanan Airport (1905-2020)	55	276.6	45		1	56

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)	33	222.4	39	333.3	28	-1	44

Monthly and Seasonal Climate Outlooks using ACCESS-S for June to August 2020



Summary Statements

Rainfall for April 2020:

Hanan Airport's monthly rainfall (507 mm) was well above normal, being its second wettest April in 115 years of record. The highest is 584 mm in 1916.

Accumulated rainfall for February to April 2020, including outlook verification:

The accumulated rainfall for February to April 2020 was also above normal, with the outlook issued in January being verified as inconsistent.

Outlooks for June to August 2020:

1. SCOPIC:

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

2. ACCESS-S:

Monthly rainfall:

The outlook favours wetter than average for the month of June.

Monthly maximum and minimum temperatures:

The outlook favours a warmer than average June.

Seasonal rainfall:

The outlook favours wetter than average for the next three months.

Seasonal maximum and minimum temperatures:

The outlook favours warmer than average for June to August.

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: April 2020	Stakeholder	Total Number of Participants	Number of male	Number of female
Climate Bulletin	02/004/2020	General public	13	3	10
		Stakeholders	20	10	10
	16/04/2020	Government Officials	15	10	5
		Village Council	20	10	10
		28/04/2020	Education Department	30	10
EAR Watch					
Monthly Climate Briefing	21/04/2020	Stakeholders	20	15	5
		Weather group	25	10	15
		Government Officials	15	5	10
		Government all staff	25	10	15
Ocean Bulletin					
Total			183	83	100