

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 153

Country: Niue

TABLE 1: Monthly Rainfall

Station (include data period)	Mar-2020	Apr-2020	May-2020				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Hanan Airport (1905-2020)	260.8	507.0	359.2	79.8	158.9	127.6	109/114

TABLE 2: Three-month Rainfall for March to May 2020

Station	Three-month Total		33%tile	67%tile	Median	Rank	SCOPIC forecast probabilities based on NINO3.4 December 19 - January 20				Verification: Consistent, Near-consistent, Inconsistent?
	Rainfall (mm)						B-N	N	A-N	LEPS	
Hanan Airport (1905-2020)	1127.0	Above normal	546.3	764.0	606.6	108/114	43	25	32	6	Inconsistent

TABLE 3: Seasonal Climate Outlooks using SCOPIC for July to September 2020

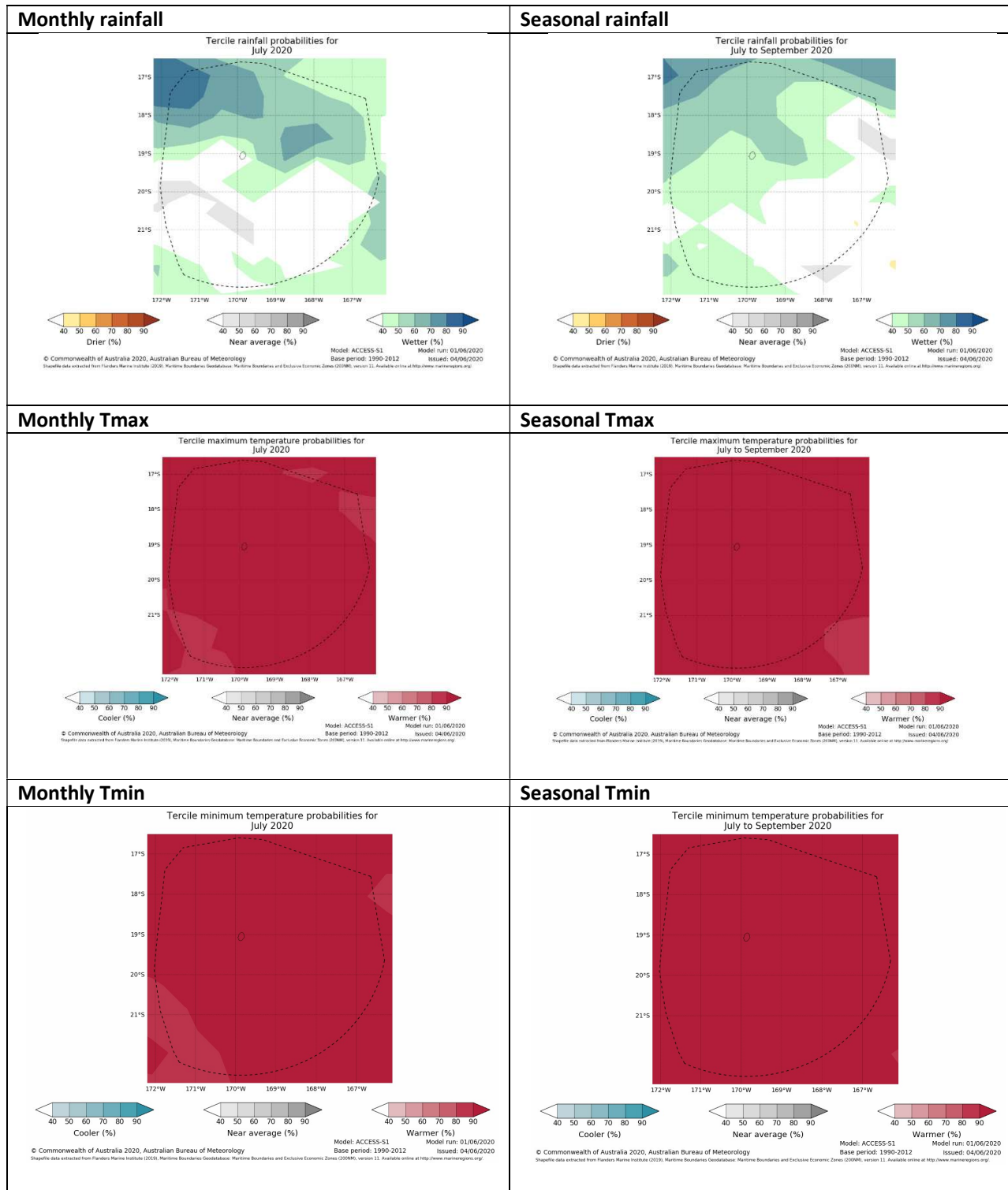
Predictor and Period used: NINO3.4 for April to May 2020

Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
51	330.2	49		1	47

Below Normal (prob)	33%ile Rainfall (mm)	Normal (prob)	67%ile Rainfall (mm)	Above Normal (prob)	LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
34	250.2	35	386.6	31	1	36

Monthly and Seasonal Climate Outlooks using ACCESS-S for July to September 2020

The maps are provided in the PowerPoint document labelled ACCESS-S outlooks_2020-05



Summary Statements

Rainfall for May 2020:

Hanan airport's monthly rainfall was above normal.

Accumulated rainfall for March to May 2020, including outlook verification:

The accumulated rainfall for March to May was also above normal, with In-consistent verification.

Outlooks for July to September 2020:

1. SCOPIC:

The outlook for July to September offers little guidance as the chances of above normal, normal and below normal are similar.

2. ACCESS-S:

Monthly rainfall:

The outlook favours wetter than average for the month of July

Monthly maximum temperature:

The outlook favours a warmer than average July.

Monthly minimum temperature:

The outlook favours a warmer than average July.

Seasonal rainfall:

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

Seasonal maximum temperature:

The outlook favours warmer than average for July to September.

Seasonal minimum temperature:

The outlook favours warmer than average for July to September.

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: May 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
		Government Officials	15	10	5
		Village Council	20	10	10
	08/05/2020	Niue Girls and Boys brigade	100	25	75
26/05/2020	Education Department	22	6	16	
EAR Watch					
Monthly Climate Briefing	20/05/2020	Stakeholders	20	15	5
		Weather group	25	10	15
		Government Officials	15	5	10
		Government all staff	25	10	15
Ocean Bulletin					
Total			275	104	171