

Country: Niue

Station (include data period)	Jan-2019	Feb-2019	Mar-2019				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Hanan Airport (1905-2019)	284.9	107.5	177.0	208.8	299.8	248.4	27/114

TABLE 2: Three-month Rainfall for January to March 2019

Station	Three-month Total		33%tile	67%tile	Median	Rank	SCOPIC forecast probabilities based on NINO3.4 October-November 2018				Verification: Consistent, Near-consistent, Inconsistent?
	Rainfall (mm)						B-N	N	A-N	LEPS	
Hanan Airport (1905-2019)	569.4	Below normal	649.9	953.2	782.6	24/114	54	28	18	14	Consistent

TABLE 3: Seasonal Climate Outlooks using SCOPIC for May to July 2019

Predictor and Period used: NINO3.4 for February to March 2019

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Hanan Airport (1905-2019)	60	291.0	40		2	54

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 (1905-2019)	41	245.7	35	378.7	24	0	41

TABLE 4: Seasonal Climate Outlooks using POAMA2 for May to July 2019

Station	Below Normal (prob)	33%ile Rainfall (mm)	Normal (prob)	67%ile Rainfall (mm)	Above Normal (prob)
Hanan Airport	79	274.0	16	362.0	5

Summary Statements

Rainfall for March 2019:

Hanan Airport rainfall was below normal.

Accumulated rainfall for January to March 2019, including outlook verification:

Accumulated rainfall for January to March 2019 was below normal; verification was consistent.

Outlooks for May to July 2019:

1. SCOPIC:

Outlook for May to July 2019 shows below-normal as the most likely outcome, with normal as the next most likely. Above normal is the least likely.

2. POAMA:

Outlook for May to July 2019 favours below-normal rainfall.

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: March 2019	Stakeholder	Total Number of Participants	Number of male	Number of female
Climate Bulletin	Climate Bulletin	- Public - Government Servants - Private Sectors	130	70	60
EAR Watch					
Monthly Climate Briefing	Monthly Climate Briefing	- Public - Government Servants - Private Sectors	130	70	60
Ocean Bulletin					
Total			260	140	120

