

Country: Niue

Station (include data period)	Feb-2019	Mar-2019	Apr-2019				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Hanan Airport (1905-2019)	107.5	177.0	245.1	142.4	241.6	194.5	77/114

TABLE 2: Three-month Rainfall for February to April 2019

Station	Three-month Total		33%tile	67%tile	Median	Rank	SCOPIC forecast probabilities* based on NINO3.4 November-December 2018				Verification: Consistent, Near-consistent, Inconsistent?
	Rainfall (mm)						B-N	N	A-N	LEPS	
Hanan Airport (1905-2019)	529.6	Below normal	630.8	864.1	750.9	25/114	53	25	22	10	Consistent

TABLE 3: Seasonal Climate Outlooks using SCOPIC for June to August 2019

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

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Hanan Airport (1905-2019)	56	275.9	44		0	57

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)	36	220.7	40	337.5	24	0	41

TABLE 4: Seasonal Climate Outlooks using POAMA2 for June to August 2019

Station	Below Normal (prob)	33%ile Rainfall (mm)	Normal (prob)	67%ile Rainfall (mm)	Above Normal (prob)
Hanan Airport	55	247.0	18	367.0	27

Summary Statements

Rainfall for April 2019:

Hanan Airport rainfall for April 2019 was above-normal.

Accumulated rainfall for February to April 2019, including outlook verification:

Accumulated rainfall for February to April 2019 was below normal rainfall. The outlook issued in January indicated this was the most likely outcome; the verification was therefore consistent.

Outlooks for June to August 2019:

1. SCOPIC:

Outlook for Hanan Airport shows normal as the most likely outcome, with below normal the next most likely. Above normal is the least likely.

2. POAMA:

Outlook for Hanan Airport 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: April 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