Pacific Islands - Online Climate Outlook Forum (OCOF) No. 138

Country: Niue

TABLE 1: Monthly Rainfall

Station (include data period)	Dec-2018	Jan-2019	Feb-2019				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Hanan Airport (1905-2019)	525.3	284.9	107.5	173.1	288.9	230.2	19/114

TABLE 2: Three-month Rainfall for December 2018 to February 2019

Station	Three-month Total		33%tile	67%tile	Median	Rank	SCOPIC forecast probabilities* based on NINO3.4 September-October 2018				Verification: Consistent, Near-consistent, Inconsistent?
	Rainfall (mm)						B-N	N	A-N	LEPS	
Hanan Airport (1905-2019)	917.7	Above normal	605.0	838.7	689.3	88/114	60	24	16	22	Inconsistent

TABLE 3: Seasonal Climate Outlooks using SCOPIC for April to June 2019
Predictor and Period used: NINO3.4 for January to February 2019

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Hanan Airport (1905-2019)	59	426.4	41		3	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)	44	344.6	28	506.3	28	4	17

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

Station	Below Normal (prob)	33%ile Rainfall (mm)	Normal (prob)	67%ile Rainfall (mm)	Above Normal (prob)
Hanan Airport	39	415.0	49	584.0	12

Summary Statements

Rainfall for February 2019:

Hanan Airport rainfall for February 2019 was below normal.

Accumulated rainfall for December 2018 to February 2019, including outlook verification:

Accumulated rainfall at Hanan Airport for December to February 2019 was above normal. Forecast favoured below normal with normal the next most likely; verification was inconsistent.

Outlooks for April to June 2019:

1. **SCOPIC:**
   The Outlook for April to June 2019 shows below-normal as the most likely outcome, with both normal and above normal the next most likely.

2. **POAMA:**
   The outlook for April to June 2019 shows normal as the most likely outcome, with below-normal the next most likely. Above normal is the least likely.

NB: The X LEPS % score has been categorised as follows:

Very Low: X < 0.0   Low: 0 ≤ X < 5   Moderate 5 ≤ X < 10   Good: 10 ≤ X < 15   High: 15≤ X < 25

Very High: 25 ≤X < 35 Exceptional: X ≥ 35

Table: 5 Stakeholder Engagement- Evaluations of how effective NMS engage with stakeholders

Country	Date: February 2019	Stakeholder	Total Number of Participants	Number of male	Number of female
Niue	Climate Bulletin	• Public • Government Servants • Private Sectors	130	70	30
	EAR Watch				
	Monthly Climate Briefing	• Public • Government Servants • Private Sectors	130	70	30
	Ocean Bulletin				