Pacific Islands - Online Climate Outlook Forum (OCOF) No. 143

Country: Niue

TABLE 1: Monthly Rainfall

Station (include data period)	May-2019	Jun-2019	Jul-2019				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Hanan Airport (1905-2019)	76.4	221.9	191.2	56.0	123.2	88.0	100/113

TABLE 2: Three-month Rainfall for May to July 2019

Station	Three-month Total		33%tile	67%tile	Median	Rank	SCOPIC forecast probabilities based on NINO3.4 February -March 2019				Verification: Consistent, Near-consistent, Inconsistent?
	Rainfall (mm)						B-N	N	A-N	LEPS	
Hanan Airport (1905-2019)	489.5	Above normal	245.7	378.7	291.0	95/112	41	35	24	0	Inconsistent

TABLE 3: Seasonal Climate Outlooks using SCOPIC for September to November 2019
Predictor and Period used: NINO3.4 for June to July 2019

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Hanan Airport (1905-2019)	72	356.0	28		14	65

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)	48	302.0	35	447.3	17	9	49

TABLE 4: Seasonal Climate Outlooks using POAMA2 for September to November 2019

Station	Below Normal (prob)	33%ile Rainfall (mm)	Normal (prob)	67%ile Rainfall (mm)	Above Normal (prob)
Hanan Airport	27	267.0	6	474.0	67

Summary Statements

Rainfall for July 2019:

Hanan Airport rainfall for the month of July was above normal.

Accumulated rainfall for May to July 2019, including outlook verification:

The accumulated rainfall for May to July was above normal, with inconsistent verification.

Outlooks for September to November 2019:

1. **SCOPIC:**
   The outlook for September to November shows below normal rainfall as the most likely outcome, with normal the next most likely. Below normal is the least likely. The confidence of the forecast is moderate.

2. **POAMA:**
   Above normal is favoured by POAMA for Niue.

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

Product	Date: July 2019	Stakeholder	Total Number of Participants	Number of male	Number of female
Climate Bulletin	23rd	Niue's National Boys' Brigade	10	8	2
	27th	Niue's National Girls Brigade	30		30
	11th – 25th	HOD (Head of departments) Government officials National Girls & Boys Brigade Taoga Niue Niue Council Of Women Education	70	40	30
EAR Watch					
Monthly Climate Briefing	23rd	Niue's National Boys' Brigade	10	8	2
	27th	Niue's National Girls Brigade	30		30
Ocean Bulletin					
		Total	110	48	62