Pacific Islands - Online Climate Outlook Forum (OCOF) No. 147

Country: Niue

TABLE 1: Monthly Rainfall

Station (include data period)	Sep-2019	Oct-2019	Nov-2019				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Hanan Airport (1905-2019)	216.3	124.6	340.9	102.7	172.0	148.3	**105/114**

TABLE 2: Three-month Rainfall for September to November 2019

Station	Three-month Total		33%tile	67%tile	Median	Rank	SCOPIC forecast probabilities based on NINO3.4 June - July 2019				Verification: Consistent, Near-consistent, Inconsistent?
	Rainfall (mm)						B-N	N	A-N	LEPS	
Hanan Airport (1905-2019)	681.8	Above normal	302.0	447.3	356.0	**103/111**	**48**	35	17	9	Inconsistent

TABLE 3: Seasonal Climate Outlooks using SCOPIC for January to March 2020

Predictor and Period used: NINO3.4 for October to November 2019

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Hanan Airport (1905-2019)	65	782.7	35		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)	44	689.3	33	948.8	23	12	46

TABLE 4: Seasonal Climate Outlooks using POAMA2 for January to March 2020

Station	Below Normal (prob)	33%ile Rainfall (mm)	Normal (prob)	67%ile Rainfall (mm)	Above Normal (prob)
Hanan Airport	37	587.0	30	834.0	33

Summary Statements

Rainfall for November 2019:

Hanan airport's November rainfall was above normal. This station recorded the tenth wettest November on record.

Accumulated rainfall for September to November 2019, including outlook verification:

The accumulated rainfall for September to November was also above normal, with Inconsistent outlook verification. Hanan airport recorded the ninth wettest September to November on record.

Outlooks for January to March 2020:

1. **SCOPIC:**
   The outlook for January to March shows below normal as the most likely outcome, with normal the next most likely. Above normal is the least likely.

2. **POAMA:**
   POAMA offers little guidance as the chances of below normal, normal or above normal rainfall are similar.

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: November 2019	Stakeholder	Total Number of Participants	Number of male	Number of female
Climate Bulletin	07/11/2019 14/11/2019	General Public Government Officials Village Council Private sector	70 17 19	30 7 8	40 10 11
EAR Watch					
Monthly Climate Briefing	25/11/2019	Private Sector Government Officials Government staff Village Council	75	45	30
Ocean Bulletin					
		Total	181	90	91