Pacific Islands - Online Climate Outlook Forum (OCOF) No. 145

Country: Niue

TABLE 1: Monthly Rainfall

Station (include data period)	Jul-2019	Aug-2019	Sep-2019				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Hanan Airport (1905-2019)	192.0	237.1	216.3	58.6	138.2	89.9	98/110

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

Station	Three-month Total		33%tile	67%tile	Median	Rank	SCOPIC forecast probabilities based on NINO3.4 April -May 2019				Verification: Consistent, Near-consistent, Inconsistent?
	Rainfall (mm)						B-N	N	A-N	LEPS	
Hanan Airport (1905-2019)	645.4	Above normal	246.9	370.3	324.5	107/110	36	41	23	0	Near-consistent

TABLE 3: Seasonal Climate Outlooks using SCOPIC for November 2019 to January 2020
Predictor and Period used: NINO3.4 for August to September 2019

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Hanan Airport (1905-2019)	53	607.4	47		7	62

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	507.2	36	700.6	28	7	49

TABLE 4: Seasonal Climate Outlooks using POAMA2 for November 2019 to January 2020

Station	Below Normal (prob)	33%ile Rainfall (mm)	Normal (prob)	67%ile Rainfall (mm)	Above Normal (prob)
Hanan Airport	12	501.0	9	676.0	79

Summary Statements

Rainfall for September 2019:

Hanan airport's monthly rainfall was above normal.

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

The accumulated rainfall for July to September was also above normal, with near-consistent verification. It was the fourth-wettest July-September on record and the wettest since 2005.

Outlooks for November 2019 to January 2020:

1. **SCOPIC:**
   The outlook offers little guidance as the chances of above-normal, normal and below-normal are similar.

2. **POAMA:**
   POAMA favours above normal rainfall for the coming three months.

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: September 2019	Stakeholder	Total Number of Participants	Number of male	Number of female
Climate Bulletin	12/09/2019	General Public	80	35	45
	24/09/2019	Government Officials	16	7	9
	30/09/2019	Education Niue Girl/Boys Brigade	17	5	11
		Village Council			
EAR Watch					
Monthly Climate Briefing	19/09/2019	Private Sector	89	55	35
		Government Officials			
		Government staff			
		Village Council			
Ocean Bulletin					
Total			202	102	100