Pacific Islands - Online Climate Outlook Forum (OCOF) No. 134

Country: Niue

TABLE 1: Monthly Rainfall

Station (include data period)	Aug-2018	Sep-2018	Oct-2018				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Hanan Airport (1905-2018)	88.7	58.7	109.2	75.7	154.4	107.6	58/114

TABLE 2: Three-month Rainfall for August to October 2018

Station	Three-month Total		33%tile	67%tile	Median	Rank	SCOPIC forecast probabilities* based on NINO3.4 May-June 2018				Verification: Consistent, Near-consistent, Inconsistent?
	Rainfall (mm)						B-N	N	A-N	LEPS	
Hanan Airport (1905-2018)	256.6	Below normal	260.5	394.5	324.0	37/109	36	31	33	5	Consistent

TABLE 3: Seasonal Climate Outlooks using SCOPIC for December 2018 to February 2019

Predictor and Period used: NINO3.4 for September to October 2018

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Hanan Airport (1905-2018)	70.9	689.3	29.1		17	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 (1905-2018)	60	605.0	24	838.7	16	22	53

TABLE 4: Seasonal Climate Outlooks using POAMA2 for December 2018 to February 2019

Station	Below Normal (prob)	33%ile Rainfall (mm)	Normal (prob)	67%ile Rainfall (mm)	Above Normal (prob)
Hanan Airport	49	611.0	18	713.0	33

Summary Statements

Rainfall for October 2018:

Hanan Airport rainfall for October 2018 was normal.

Accumulated rainfall for August to October 2018, including outlook verification:

Accumulated rainfall at Hanan Airport for August to October 2018 was below normal; outlook verification was consistent.

Outlooks for December 2018 to February 2019:

1. **SCOPIC:**
   Outlook for December 2018 to February 2019 favours below normal with normal the next most likely.

2. **POAMA:**
   Outlook for December 2018 to February 2018 shows below normal as the most likely outcome, with above normal the next most likely; normal is the least likely outcome.

Stakeholder Engagement- Evaluations of how effective NMS engage with stakeholders

Country	Date: November 2018	Purpose	Stakeholder	Total Number of Participants
Niue	08th	2nd Phase of Niue's Traditional Knowledge. Understand their knowledge of Cyclone awareness & Preparation through Traditional dances. Local crops for climate indicators through Poetry and Climate Traditional Knowledge through traditional songs.	• Niue Council of Women • Ministry of Natural Resources (Niue Met.Service, Department of Environment & Climate Change, Department of Agriculture, Forestry & Fisheries, And Niue's Ridge to Reef. • Taoga Niue • General Public of Niue	11 entry's for Traditional Dance.(groups of 1 - 5 persons) There were 12 entry's for Poetry (Individual) There were 9 entry's for Traditional Songs (groups of more than 5+) General Public
Niue	10th	. Show case Niue Met.Service products. Provide awarness to Tropical Cyclone Season 2018/2019 Current update of ENSO Impacts of El Niño if active.	Niue High School	Niue High School students/teachers Other Ministry present at the EXPO

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