

## Country: Niue

Station (include data period)	Nov-2018	Dec-2018	Jan-2019				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Hanan Airport (1905-2019)	137.5	525.3	284.9	184.8	319.1	250.4	68/114

**TABLE 2: Three-month Rainfall for November 2018 to January 2019**

Station	Three-month Total		33%tile	67%tile	Median	Rank	SCOPIC forecast probabilities* based on NINO3.4 Month-Month 20xx				Verification: Consistent, Near-consistent, Inconsistent?
	Rainfall (mm)						B-N	N	A-N	LEPS	
Hanan Airport (1905-2019)	947.7	Above normal	499.9	704.6	598.9	100/113	40	38	22	10	Inconsistent

**TABLE 3: Seasonal Climate Outlooks using SCOPIC for March to May 2019**

**Predictor and Period used: NINO3.4 for December 2018 to January 2019**

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Hanan Airport (1905-2019)	58	586.6	42		2	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)	46	496.5	25	719.3	29	5	44

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for March to May 2019**

Station	<b>Below Normal (prob)</b>	<b>33%ile Rainfall (mm)</b>	<b>Normal (prob)</b>	<b>67%ile Rainfall (mm)</b>	<b>Above Normal (prob)</b>
Hanan Airport	<b>37</b>	544.0	33	701.0	30

### **Summary Statements**

#### **Rainfall for January 2019:**

Hanan Airport rainfall for January 2019 was normal.

#### **Accumulated rainfall for November 2018 to January 2019, including outlook verification:**

Accumulated rainfall for November 2018 to January 2019 was above-normal. The outlook showed below-normal as the most likely; verification was therefore inconsistent.

#### **Outlooks for March to May 2019:**

##### **1. SCOPIC:**

The Outlook for March to May 2019 shows below-normal rainfall as the most likely outcome, with above-normal the next most likely. Normal is the least likely.

##### **2. POAMA:**

The outlook for March to May 2019 offers little guidance as chances for above-normal, normal and below-normal are similar.

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

Very Low:  $X < 0.0$       Low:  $0 \leq X < 5$       Moderate  $5 \leq X < 10$       Good:  $10 \leq X < 15$       High:  $15 \leq X < 25$

Very High:  $25 \leq X < 35$  Exceptional:  $X \geq 35$

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

<b>Country</b>	<b>Date: January 2019</b>	<b>Stakeholder</b>	<b>Total Number of Participants</b>	<b>Number of male</b>	<b>Number of female</b>
Niue	Radio Program 24 <sup>th</sup> January	Public	50+	39	55
Niue	Tide 2019 Calendar	Fisher men Maritime Public	20+	25	15
Niue	Facebook update	Public Youth	30+	75	95
Niue	Niue Climate Outlook	Government departments Farmers	20+	115	110