

## Pacific Islands - Online Climate Outlook Forum (OCOF) No. 110

**Country Name:** Niue

### TABLE 1: Monthly Rainfall

Station (include data period)	October 2016						
	August 2016 Total	September 2016 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	89.3	177.5	<b>116.2</b>	65.3	172.9	105.4	36/67

### TABLE 2: Three-monthly Rainfall August to October 2016

[Please note that the data used in this verification should be sourced from table 3 of OCOF #106]

Station	Three-month Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking	Forecast probs.* (include LEPS)	Verification* (Consistent, Near-consistent, Inconsistent?)
Hanan Airport	<b>383.0</b>	228.3	428.5	333.0	40/67	<b>45/30/25</b> (2.4)	Near-Consistent

Period: \*below normal/normal/above normal

Predictors and Period used for August to October 2016 Outlooks (refer to OCOF #106):

### Nino 3.4 - May to June 2016

\* Forecast is consistent when observed and predicted (tercile with the highest probability) categories coincide (are in the same tercile).

Forecast is near-consistent when observed and predicted (tercile with the highest probability) differ by only one category (i.e. terciles 1 and 2 or terciles 2 and 3).

Forecast is inconsistent when observed and predicted (tercile with the highest probability) differ by two categories (i.e. terciles 1 and 3).

**TABLE 3: Seasonal Climate Outlooks using SCOPIC for  
December 2016 to February 2017**

**Predictors and Period used:** [Nino 3.4 – September to October 2016](#)

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	31	670.5	69		23.2	68.2

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	14	587.7	41	792.5	45	19.6	51.5

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for  
December 2016 to February 2017**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	15	611	15	713	70		

## **Summary Statements**

### **Rainfall for October 2016:**

Rainfall for October was Normal.

### **Accumulated rainfall for August to October 2016, including outlook verification:**

Rainfall Outlook for August to October was normal.

The outlook favoured below normal rainfall with normal the next most likely.

Verification for the outlook is near-consistent with the observed normal rainfall.

### **Outlooks for December 2016 to February 2017:**

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

The SCOPIC outlook for December to February shows the mostly likely outcome is above normal with normal the next most likely. Confidence in the outlook is high.

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

The POAMA outlook favours above normal rainfall.

**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:  $X \geq 35$