

## Pacific Islands - Online Climate Outlook Forum (OCOF) No. 113

Country Name: Niue Island

### TABLE 1: Monthly Rainfall

Station (include data period)			January 2017				
	November 2016 Total	December 2016 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	121.0	180.9	359.3	178.0	327.0	237.0	55/68

### TABLE 2: Three-monthly Rainfall November 2016 to January 2017

[Please note that the data used in this verification should be sourced from table 3 of OCOF #109]

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	661.2	494.7	678.3	591	47/67	24/35/41 (10.3)	Near-Consistent

Period: \*below normal/normal/above normal

Predictors and Period used for October to December 2016 Outlooks (refer to OCOF #109):

**Nino 3.4 – August to September 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  
March to May 2017**

Predictors and Period used: Nino 3.4 – November 2016 January 2017.

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	47.0	606.0	53.0		0.2	54.5

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	25.0	549.0	38.0	769.0	37.0	4.7	36.4

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for  
March to May 2017**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	49.0	544	27.0	701	24.0		

## **Summary Statements**

### **Rainfall for January 2017:**

Rainfall for January was Above Normal.

### **Accumulated rainfall for November 2016 to January 2017, including outlook verification:**

Rainfall for November 2016 to January 2017 was normal.

The outlook favoured above normal with normal the next most likely.

Verification for the outlook was consistent with observed rainfall.

### **Outlooks for March to May 2017:**

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

The outlook offers little guidance for March to May as the chances of normal to above normal and below normal are similar. Confidence in the outlook is low.

#### **POAMA:**

The POAMA outlook for March to May favours below 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:  $X \geq 35$