

## Pacific Islands - Online Climate Outlook Forum (OCOF) No. 98

**Country Name:** Niue

### TABLE 1: Monthly Rainfall

Station (include data period)	October 2015						
	August 2015 Total	September 2015 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	88.3	52.4	<b>51.3</b>	66.3	175.7	106.9	18/66

### TABLE 2: Three-monthly Rainfall August to October 2015

[Please note that the data used in this verification should be sourced from table 3 of OCOF #94]

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>192.0</b>	233.3	431.1	335.0	13/66	<b>70/17/13</b> (7.5)	<b>Consistent</b>

Period: \*below normal/normal/above normal

Predictors and Period used for August to October 2015 Outlooks (refer to OCOF #94):

**Predictors Nino 3.4 – Period May to June 2015**

\* 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 2015 to February 2016**

**Predictors and Period used:** Niue

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	93	681	7		23.2	67.7

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	91	597.3	6	808.1	3	18.3	53.8

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for  
December 2015 to February 2016**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	94	611	5	713	1		

## Summary Statements

### **Rainfall for October 2015:**

October rainfall was **below normal**.

### **Accumulated rainfall for August to October 2015, including outlook verification:**

- Rainfall for August to October was **below normal**.
- The seasonal rainfall outlook for August to October favours **below normal** rainfall.
- Verification for the outlook is **consistent** with the observed below normal rainfall.

### **Outlooks for December 2015 to February 2016:**

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

- The SCOPIC outlook for December 2015 to February 2016 favours **below normal** rainfall.
- Confidence in the outlook is **high**.

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

- The POAMA outlook for December 2015 to February 2016 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:  $X \geq 35$