

## Pacific Islands - Online Climate Outlook Forum (OCOF) No. 97

**Country Name:** NIUE

### TABLE 1: Monthly Rainfall

Station (include data period)	September 2015						
	July 2015 Total	August 2015 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	26.2	88.3	52.4	54.7	128.3	90.0	22/66

### TABLE 2: Three-monthly Rainfall July to September 2015

[Please note that the data used in this verification should be sourced from table 3 of OCOF #93]

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	166.9	243.3	357.5	313.0	12/66	34/45/21	Near consistent

Period: \*below normal/normal/above normal

Predictors and Period used for July to September 2015 Outlooks (refer to OCOF #93):

**Nino 3.4 – April to May 2015**

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\* 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  
November 2015 to January 2016**

**Predictors and Period used:** *Nino 3.4, August to September*

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	81.0	598.0	19.0		6.2	58.5

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	62.0	503.3	32.0	680.7	6.0	9.0	47.7

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for  
November 2015 to January 2016**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	95.0	501	5.0	676	0.0		

## Summary Statements

### **Rainfall for September 2015:**

September rainfall was **below normal**.

### **Accumulated rainfall for July to September 2015, including outlook verification:**

- Rainfall for July to September was **below normal**.
- The seasonal rainfall outlook for July to September showed most likely outcome was normal, with below normal the next most likely.
- Verification for the outlook is near consistent with the observed below normal rainfall.

### **Outlooks for November 2015 to January 2016**

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

- The SCOPIC outlook for November to January favours **below normal** rainfall.
- Confidence in the outlook is **moderate**.

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

- The POAMA outlook for November to January 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:  $X \geq 35$