

## Pacific Islands - Online Climate Outlook Forum (OCOF) No. 81

**Country Name:** *Niue Island*

### TABLE 1: Monthly Rainfall

Station (include data period)	May 2014						
	March 2014 Total	April 2014 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport (NINO3.4)	556.3	76.0	219.4	83.0	164.0	125.6	56/65

### TABLE 2: Three-monthly Rainfall March to May 2014

[Please note that the data used in this verification should be sourced from table 3 of OCOF #77]

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 SST's 1 & 9	851.7	550.5	769.0	617.0	53/65	43/13/44 (4.7)	Consistent

Period: \*below normal/normal/above normal

Predictors and Period used for March to May 2014 Outlooks (refer to OCOF #77):

**Periods: November 2013 to January 2014**

**Predictors: SST's 1 & 9**

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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 July to September 2014**

**Predictors and Period used:** Periods: April to May 2014

Predictors: NINO 3.4

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	51	324.5	49		-1.4	51.6

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	34	250.0	35	360.8	31	-0.6	39.1

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for July to September 2014**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	5	247	90	367	5		

## **Summary Statements**

### **Rainfall for May 2014:**

- “Above Normal” rainfall

### **Accumulated rainfall for March – May 2014, including outlook verification:**

- Three months rainfall using SST’s 1 & 9, periods November to January for March to May was forecast for “***Above Normal***” rainfall.
- Observed rainfall value was 851.7 mm and it was “***Above Normal***” rainfall.
- Therefore, the verification was “***Consistent***”.

### **Outlooks for July to September 2014:**

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

Rainfall for the 3 months using Nino 3.4 shows near equal likelihood. Confidence in the outlook is “very low”.

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

- The POAMA outlook for July to September 2014 shows the most likely outcome is “***Normal***”.

**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:  $X \geq 35$