

## Pacific Islands - Online Climate Outlook Forum (OCOF) No. 68

**Country Name:** NIUE

**TABLE 1: Monthly Rainfall**

Station (include data period)	April 2013						
	February 2013 Total	March 2013 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport (sst's 1 & 9)	208.1	396.0	53.8	173.9	278.3	213	5/63

**TABLE 2: Three-monthly Rainfall  
February to April 2013**

[Please note that the data used in this verification should be sourced from table 3 of OCOF #64]

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)	657.9	636.7	857.3	744	24/63	38/19/43 5.8	Near-consistent

Period: \*below normal/normal/above normal

Predictors and Period used for February to April 2013 Outlooks (refer to OCOF #64):

**Predictors used – SST's 1&9, October to December**

\* 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  
June to August 2013**

**Predictors and Period used:** Using SST's 1& 9, Periods February to April.

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport (sst's 1 & 9)	48	274	52		-3%	39.7

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport (sst's 1 & 9)	35	220.7	28	333.5	37	-2.4	33.3

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for  
June to August 2013**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport (sst's 1 & 9)	16.7	247	26.7	367	56.6		

## **Summary Statements**

### **Rainfall for April 2013:**

Rainfall was “Below Normal”.

### **Accumulated rainfall for February–April 2013, including outlook verification:**

- Three months rainfall forecast for Feb-Apr was “Above Normal” with moderate confidence.
- Observed rainfall was 657.9mm and lies between 33percentile and 67percentile. Therefore verification was ‘Near Consistent’.

### **Outlooks for June–August 2013:**

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

Rainfall for the next 3 months using SST’s 1&9 is forecast for ‘Above Normal’ rainfall with very low skill.

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

SCOPIC was forecast for ‘Above Normal’ and POAMA was forecast to be ‘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:  $X \geq 35$