

## Pacific Islands - Online Climate Outlook Forum (OCOF) No. 69

**Country Name:** NIUE

### TABLE 1: Monthly Rainfall

Station (include data period)			May 2013				
	March 2013 Total	April 2013 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	396.0	53.8	32.5	83.7	164.7	126	7/64

### TABLE 2: Three-monthly Rainfall March to May 2013

[Please note that the data used in this verification should be sourced from table 3 of OCOF #65]

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	482.3	550.8	769.7	628	14/64	48/16/36	Consistent

Period: \*below normal/normal/above normal

Predictors and Period used for March to May 2013 Outlooks (refer to OCOF #65):

**Predictors – SST's 1 & 9**

**Periods – Nov & Jan**

\* 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 2013**

**Predictors and Period used:** SST's 1 & 9 – Periods – March to May.

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	45.3	313	54.7		-1.8	47.6

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	32	246.7	43	354.3	25.0	-1.8	36.5

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for July to September 2013**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	23.33	288	16.67	368	60.00		

## Summary Statements

### **Rainfall for May 2013:**

Was "Below Normal".

### **Accumulated rainfall for March–May 2013, including outlook verification:**

- Three months rainfall using SST's 1 & 9 for March to May was "**Below Normal**" with a very low confidence.
- Observed rainfall was 482.3mm and lies below the 33 percentile. Therefore, verification was "**Consistent**".

### **Outlooks for July–September 2013:**

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

- Rainfall for the next 3 months using SST's 1 & 9 is forecast to be "Normal" rainfall.

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

**Lower:** 23.33

**Middle:** 16.67

**Upper:** 60.00

SCOPIC was forecast for "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:  $X \geq 35$