

## Pacific Islands - Online Climate Outlook Forum (OCOF) No. 117

**Country Name:** NIUE

### TABLE 1: Monthly Rainfall

Station (include data period)	May 2017						
	March 2017 Total	April 2017 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	254.0	72.4	135.2	79.0	164.0	125.1	39/67

### TABLE 2: Three-monthly Rainfall March to May 2017

[Please note that the data used in this verification should be sourced from table 3 of OCOF #113]

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	461.6	549.0	769.0	606.0	16/67	25/38/37 (4.7)	Near Consistent

Period: \*below normal/normal/above normal

Predictors and Period used for March 2017 to May 2017 Outlooks (refer to OCOF #113):

**Nino 3.4 – December to January 2017.**

\* 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 2017**

**Predictors and Period used: Nino 3.4 April – May.**

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	53.0	313.0	47.0		-0.9	53.7

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	34	240.0	43	351.0	23	-1.7	20.9

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for July to September 2017**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	18	288	33	368	49		

## **Summary Statements**

### **Rainfall for May 2017:**

Rainfall for May 2017 was normal.

### **Accumulated rainfall for March to May 2017, including outlook verification:**

Rainfall for March to May was Below Normal.

The outlook showed near-equal likelihood of above normal, with normal the next most likely.

Verification for the outlook was near consistent.

### **Outlooks for July to September 2017:**

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

The outlook shows normal is the most likely outcome, with below normal the next most likely.

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

The POAMA outlook for July to September 2017 favours 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:  $X \geq 35$