

## Pacific Islands - Online Climate Outlook Forum (OCOF) No. 128

**Country Name: Niue**

**TABLE 1: Monthly Rainfall**

Station (include data period)	April 2018						
	February 2018 Total	March 2018 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	215.2	276.4	269.7	166.7	272.3	206.8	45/69

**TABLE 2: Three-monthly Rainfall  
February to April 2018**

[Please note that the data used in this verification should be sourced from table 3 of OCOF #124]

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	761.3	633.3	847.2	741.0	37/69	20/39/41 (9.9)	Near-consistent

Period: \*below normal/normal/above normal

Predictors and Period used for February to April 2018 Outlooks (refer to OCOF #124):  
NINO 3.4 November to December 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  
June to August 2018**

**Predictors and Period used:** NINO 3.4 SST for March to April 2018

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	47	274.0	53		-0.7	52.9

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	67%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	33	221.5	30	328.3	37	-1.1	39.7

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for  
June to August 2018**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	67%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	52	247	15	367	33		

## **Summary Statements**

### **Rainfall for April 2018:**

Rainfall for April 2018 was normal.

### **Accumulated rainfall for February to April 2018, including outlook verification:**

Accumulated rainfall for February to April 2018 was normal. The outlook showed normal to above-normal rainfall; the verification was near-consistent.

### **Outlooks for June to August 2018:**

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

The outlook for June to August 2018 offers little guidance for the coming season as the chances of above-normal, normal and below-normal rainfall are similar.

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

The outlook for June to August 2018 favours below-normal, with above-normal the next most likely. Normal the least likely.

**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:  $X \geq 35$