

## Pacific Islands - Online Climate Outlook Forum (OCOF) No. 126

**Country Name: Niue**

**TABLE 1: Monthly Rainfall**

Station (include data period)			February 2018				
	December 2017 Total	January 2018 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	132.0	268.3	215.2	202.7	281.2	239.0	28/69

**TABLE 2: Three-monthly Rainfall  
December 2017 to February 2018**

[Please note that the data used in this verification should be sourced from table 3 of OCOF #122]

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	615.5	591.0	823.6	681.0	29/69	19/41/40 (20.5)	Consistent

Period: \*below normal/normal/above normal

Predictors and Period used for December 2017 to February 2018 Outlooks (refer to OCOF #122): Nino 3.4 September to October 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  
April to June 2018**

**Predictors and Period used:** Nino 3.4 SST for January to February 2018.

Station	<b>Below Median (prob)</b>	Median Rainfall (mm)	<b>Above Median (prob)</b>		<b>LEPS</b>	<b>Hit-rate</b>
Hanan Airport	45	442.0	55		0.5	52.9

Station	<b>Below Normal (prob)</b>	33%ile rainfall (mm)	<b>Normal (prob)</b>	67%ile rainfall (mm)	<b>Above Normal (prob)</b>	<b>LEPS</b>	<b>Hit-rate</b>
Hanan Airport	22	350.7	40	525.6	38	4.2	39.7

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

Station	<b>Lower Tercile (prob)</b>	33%ile rainfall (mm)	<b>Middle Tercile (prob)</b>	67%ile rainfall (mm)	<b>Upper Tercile (prob)</b>		
Hanan Airport	67	415	15	584	18		

## **Summary Statements**

### **Rainfall for February 2018:**

Rainfall for February 2018 was normal.

### **Accumulated rainfall for December 2017 to February 2018, including outlook verification:**

Rainfall for December 2017 to February 2018 was normal. Outlook showed normal the most likely, with above-normal the next most likely. Verification was consistent.

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

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

Outlook for April to June 2018 shows a near-equal likelihood of normal and above normal. Below normal rainfall is the least likely.

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

POAMA outlook for April to June 2018 favours below-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:  $X \geq 35$