

# Pacific Islands - Online Climate Outlook Forum (OCOF) No. 71

**Country Name:** *NIUE*

**TABLE 1: Monthly Rainfall**

Station (include data period)	July 2013						
	May 2013 Total	June 2013 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	32.5	76.4	305.8	55.7	123.2	88.0	63/64

**TABLE 2: Three-monthly Rainfall  
May to July 2013**

[Please note that the data used in this verification should be sourced from table 3 of OCOF #67]

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	414.7	252.0	382.3	310	47/64	27/40/33 2.4	Near Consistent

Period: \*below normal/normal/above normal

Predictors and Period used for May to July 2013 Outlooks (refer to OCOF #67):

**Predictors – SST's 1&9**

**Periods – Jan & Mar**

\* 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  
September to November 2013**

**Predictors and Period used:** SST's 1 & 9, Periods: May to July

Station	<b>Below Median (prob)</b>	Median Rainfall (mm)	<b>Above Median (prob)</b>		<b>LEPS</b>	<b>Hit-rate</b>
Hanan Airport	<b>43.3</b>	363.0	<b>56.7</b>		<b>16.9</b>	<b>63.5</b>

Station	<b>Below Normal (prob)</b>	33%ile rainfall (mm)	<b>Normal (prob)</b>	66%ile rainfall (mm)	<b>Above Normal (prob)</b>	<b>LEPS</b>	<b>Hit-rate</b>
Hanan Airport	<b>33.0</b>	302.0	<b>16.5</b>	473.7	<b>50.5</b>	<b>8.2</b>	<b>42.9</b>

❖ (16.4 to 16.5, Increased to make it total up to 100)

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

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	46.66	267	16.67	474	36.67		

### Summary Statements

#### Rainfall for July 2013:

- “Above Normal” rainfall.

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

- Three months rainfall using SST’s 1 & 9 May to July was “Above Normal” with a low confidence.
- Observed rainfall value was 414.7mm and lies between the 33 percentile and 67 percentile. Therefore, verification was “Near Consistent”.

#### Outlooks for September–November 2013:

##### 1. SCOPIC:

- Rainfall for the next 3 months using SST’s 1 & 9 is forecast to be “Above Normal” rainfall with a moderate skill.

##### 2. POAMA:

**Lower:** 46.67

**Middle:** 16.67

**Upper:** 36.67

- SCOPIC is forecast for “Above Normal” and POAMA is forecast to be “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:  $X \geq 35$