

## Pacific Islands - Online Climate Outlook Forum (OCOF) No. 72

**Country Name:** *NIUE*

**TABLE 1: Monthly Rainfall**

Station (include data period)			August 2013				
	June 2013 Total	July 2013 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	76.4	305.8	147.8	46.1	103.5	76.0	52/64

**TABLE 2: Three-monthly Rainfall  
June to August 2013**

[Please note that the data used in this verification should be sourced from table 3 of OCOF #68]

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	530.0	220.7	333.5	274	59/64	35/28/37 -2.4	Consistent

Period: \*below normal/normal/above normal

Predictors and Period used for June to August 2013 Outlooks (refer to OCOF #68):

**Predictors – SST's 1 & 9**

**Periods – Feb & April**

\* 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  
October to December 2013**

**Predictors and Period used: SST's 1 & 9 Periods June – August**

Station	<b>Below Median (prob)</b>	<b>Median Rainfall (mm)</b>	<b>Above Median (prob)</b>		<b>LEPS</b>	<b>Hit-rate</b>
Hanan Airport	<b>29.7</b>	448	<b>70.3</b>		<b>12.0%</b>	<b>66.7%</b>

Station	<b>Below Normal (prob)</b>	<b>33%ile rainfall (mm)</b>	<b>Normal (prob)</b>	<b>66%ile rainfall (mm)</b>	<b>Above Normal (prob)</b>	<b>LEPS</b>	<b>Hit-rate</b>
Hanan Airport	<b>15.8</b>	369.0	<b>30.6</b>	540.0	<b>53.6</b>	<b>13.7%</b>	<b>54.0%</b>

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for  
October to December 2013**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	37.0	344	7.0	528	56.0		

**Summary Statements**

**Rainfall for August 2013:**

- “Above Normal” rainfall with a good skill.

**Accumulated rainfall for June–August 2013, including outlook verification:**

- Three months rainfall using SST’s 1 & 9 June to August was “Above Normal” with a very low confidence.
- Observed rainfall value was 530.0mm and it was “Above Normal’. Therefore, verification was “ Consistent”

**Outlooks for October–December 2013:**

**1. SCOPIC:**

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

**2. POAMA: Low: 37.0**

**Middle: 7.0**

**Upper: 56.0**

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