

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

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

**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: $X \geq 35$