

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 67

Country Name: NIUE

TABLE 1: Monthly Rainfall

Station (include data period)	March 2013						
	January 2013 Total	February 2013 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	209.9	208.1	396.4	193.3	310.3	247.0	53/63

TABLE 2: Three-monthly Rainfall January to March 2013

[Please note that the data used in this verification should be sourced from table 3 of OCOF #63]

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	814.4	632.7	952.3	777.0	34/63	24/25/51 (13.8)	Near-Consistent

Period: *below normal/normal/above normal

Predictors and Period used for January to March 2013 Outlooks (refer to OCOF #63):

Predictors used SST's 1 & 9 – Periods used September – November

* 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
May to July 2013**

Predictors and Period used: SST's 1 & 9 – January - March

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	48%	310	52%		2	57.1

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	27%	252	40%	382.3	33%	2.4	39.7

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for
May to July 2013**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport							

Summary Statements

Rainfall for March 2013:

March Rainfall was “Above Normal” with a low skill.

Accumulated rainfall for January–March 2013, including outlook verification:

- Three months rainfall for January to March forecast was “Above Normal” with a good skill.
- The observed rainfall was 814.4mm and lies between the 33 percentile and 67 percentile. Therefore verification was “Near Consistent”.
- Average rainfall from January to March over 63 years is 812.3 millimetres.

Outlooks for May–July 2013:

1. SCOPIC:

Rainfall for the next 3 months using SST’s 1 & 9 is forecast for “Normal” with a low skill.

2. POAMA:

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: $X \geq 35$