

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 87

Country Name: *Niue Island*

TABLE 1: Monthly Rainfall

Station	November 2014						
	September 2014 Total	October 2014 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport 1950-2014	20.4	154.8	170.8	94.0	171.7	136.5	43/65

TABLE 2: Three-monthly Rainfall September to November 2014

[Please note that the data used in this verification should be sourced from table 3 of OCOF #83]

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	346.0	302.0	470.0	359.5	28/65	37/36/27 (8.5)	Near Consistent

Period: *below normal/normal/above normal

Predictors and Period used for September to November 2014 Outlooks (refer to OCOF #83):

Periods: June – July
Predictors – NINO 3.4

* 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
January to March 2015**

Predictors and Period used:

Periods: October – November

Predictors: NINO 3.4

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	66.1	803.0	33.9		15.2	65.6

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	47	637.7	33	953.7	20	13.1	40.6

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for
January to March 2015**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	24	611	43	713	33		

Summary Statements

Rainfall for November 2014:

- November rainfall was **normal**.

Accumulated rainfall for September to November 2014, including outlook verification:

- Rainfall for September to November 2014 was **normal**.
- The three month rainfall outlook for September to November 2014 using NINO 3.4 as the predictor was **below normal**.
- Verification for the outlook was **near consistent** with the observed rainfall.

Outlooks for January to March 2015:

1. SCOPIC:

- The Hanan Airport outlook for January to March, using NINO 3.4 shows the most likely outcome is **below normal**, with normal the next most likely. The least likely category is above normal.
- Confidence in the outlook is **good**.

2. POAMA:

- The POAMA outlook for January to March 2015 shows the mostly likely outcome is **normal**.

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: $X \geq 35$