

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 83

Country Name: Niue

TABLE 1: Monthly Rainfall

Station (include data period)	July 2014						
	May 2014 Total	June 2014 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	219.4	148.2	86.1	56.0	125.0	88.9	32/65

**TABLE 2: Three-monthly Rainfall
May to July 2014**

[Please note that the data used in this verification should be sourced from table 3 of OCOF #79]

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	453.7	252.0	397.0	311.0	52/65	31/30/39 (0.0)	Consistent

Period: *below normal/normal/above normal

Predictors and Period used for May to July 2014 Outlooks (refer to OCOF #79):

Predictors – NINO 3.4

Periods – February – March 2014

* 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 2014**

Predictors and Period used: NINO 3.4, June – July 2014

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	56.8	359.5	43.2		13.8	62.5

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	37.0	302.0	36.0	470.0	27.0	8.5	45.3

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for
September to November 2014**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	24	228	55	450	21		

Summary Statements

Rainfall for July 2014:

- Rainfall for July was “Normal”.

Accumulated rainfall for May to July 2014, including outlook verification:

- Rainfall for May to July 2014 was “Above Normal”.
- The three month rainfall outlook for February-March 2014 using NINO 3.4 as the predictor was “Above Normal”.
- This above outlook was "consistent" with the observed rainfall.

Outlooks for September to November 2014:

1. SCOPIC:

- Rainfall for the next three months favours “Below Normal”, with “Normal” the next most likely. The least likely category is “Above Normal”. Confidence in the outlook is “Moderate”.

2. POAMA:

The POAMA outlook for September to November 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: $X \geq 35$