

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 84

Country Name: *Niue Island*

TABLE 1: Monthly Rainfall

Station (include data period)	August 2014						
	June 2014 Total	July 2014 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	148.2	86.1	48.8	46.2	104.0	79.5	24/65

TABLE 2: Three-monthly Rainfall June to August 2014

[Please note that the data used in this verification should be sourced from table 3 of OCOF #80]

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	283.1	221.0	342.4	274.0	36/65	33/33/34 (-1.4)	Near Consistent

Period: *below normal/normal/above normal

Predictors and Period used for June to August 2014 Outlooks (refer to OCOF #80):

Periods: March – April 2014

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
October to December 2014**

Predictors and Period used: Periods: July - August 2014

Predictors: NINO 3.4

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	52	450.1	48		9.5	64.1

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	31	373	35	539	34	13.4	54.7

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for
October to December 2014**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	6	267.0	58	474.0	36		

Summary Statements

Rainfall for August 2014:

- *"Above Normal"* Rainfall

Accumulated rainfall for June-August 2014, including outlook verification:

- Rainfall for June to August 2014 was *"Normal"*.
- The three month rainfall outlook for March-April 2014 using NINO 3.4 as the predictor was *"Climatology"*.
- This above outlook was *"Near Consistent"* with the observed rainfall.

Outlooks for October to December 2014:

1. SCOPIC:

- The outlook offers little guidance for October to December 2014 as the chances of above-normal, normal and below-normal rainfall are similar. Confidence in the outlook is *"Good"*.

2. POAMA:

The POAMA outlook for October to December shows the mostly likely outcome is *"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: $X \geq 35$