

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 85

Country Name: *Niue Island*

TABLE 1: Monthly Rainfall

Station (include data period)	September 2014						
	July 2014 Total	August 2014 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	86.1	48.8	20.4	58.0	129.0	92.5	4/65

TABLE 2: Three-monthly Rainfall July to September 2014

[Please note that the data used in this verification should be sourced from table 3 of OCOF #81]

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	155.3	250.0	360.8	324.5	11/65	34/35/31 (-0.6)	Near-consistent

Period: *below normal/normal/above normal

Predictors and Period used for July to September 2014 Outlooks (refer to OCOF #81):

Periods: April – May 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 November 2014 – January 2015

Predictors and Period used: Periods: August - September 2014

Predictors: NINO 3.4

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	53.6	599.1	46.4		7.1	59.4

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	36	510.0	35	683.0	29	8.2	48.4

TABLE 4: Seasonal Climate Outlooks using POAMA2 for November 2014 – January 2015

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	33	344	19	528	48		

Summary Statements

Rainfall for September 2014:

- September rainfall was "***Below Normal***" at Hanan Airport.

Accumulated rainfall for July-September 2014, including outlook verification:

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

Outlooks for November 2014 to January 2015:

1. SCOPIC:

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

2. POAMA:

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