

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 82

Country Name: *Niue Island*

TABLE 1: Monthly Rainfall

Station (include data period)	June 2014						
	April 2014 Total	May 2014 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	76.0	219.4	148.2	58.0	102.0	77.2	52/65

TABLE 2: Three-monthly Rainfall April to June 2014

[Please note that the data used in this verification should be sourced from table 3 of OCOF #78]

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 SST's 1 & 9	443.6	354	527	444.5	33/65	27/36/37 (2.8)	Near Consistent

Period: *below normal/normal/above normal

Predictors and Period used for April to June 2014 Outlooks (refer to OCOF #78):

Periods: December 2013 to February 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 August to October 2014

Predictors and Period used: Periods: May to June 2014

Predictors: NINO 3.4

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	61.4	336.5	38.6		5.2	62.5

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	44.0	240.0	27.0	433.6	29.0	2.9	34.4

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

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	5	288	80	368	15		

Summary Statements

Rainfall for June 2014:

- “Above Normal” Rainfall

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

- Three months rainfall using NINO 3.4, periods December to February for April to June was forecast for “Above Normal” rainfall.
- Observed rainfall value was 443.6 mm and it was “Normal”.
- The Verification was “Near Consistent”

Outlooks for August to October 2014:

1. SCOPIC:

The seasonal rainfall outlook for August to October shows the most likely outcome is “Below Normal”. Near-normal is the least likely outcome. Confidence in the outlook is Low.

2. POAMA:

The POAMA outlook for August to October 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: $X \geq 35$