

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 92

Country Name: NIUE

TABLE 1: Monthly Rainfall

Station (include data period)	April 2015						
	February 2015 Total	March 2015 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
HANAN AIRPORT	266.9	168.3	93.4	172.3	277.0	211.0	9/66

TABLE 2: Three-monthly Rainfall February to April 2015

[Please note that the data used in this verification should be sourced from table 3 of OCOF #88]

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	528.6	642.3	852.0	744.0	11/66	47/30/23 (7.4)	Consistent

Period: *below normal/normal/above normal

Predictors and Period used for February to April 2015 Outlooks (refer to OCOF #88):

Nino 3.4 – November to December 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
June to August 2015**

Predictors and Period used: *Nino 3.4, March to April 2015*

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	54.0	274.0	46.0		-1.1	53.8

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	34.0	223.0	38.0	337.9	28.0	-1.4	20.0

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for
June to August 2015**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	48	247	47	367	5		

Summary Statements

Rainfall for April 2015:

- April rainfall was **below normal**.

Accumulated rainfall for February to April 2015, including outlook verification:

- Rainfall for February – April 2015 was **Below Normal**.
- The outlook for February – April 2015 showed the most likely outcome is **Below Normal**, with **Normal** the next most likely. The least likely category is **Above Normal**.
- Verification for the outlook is **Consistent** with the observed below normal rainfall.

Outlooks for June to August 2015:

1. SCOPIC:

- The seasonal rainfall outlook for June to August shows little guidance as the chances of **above-normal**, **normal** and **below-normal** rainfall are similar.
- Confidence in the outlook is **very low**.

2. POAMA:

- The POAMA outlook for June to August 2015 shows a near equal likelihood of **Below Normal** and **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: $X \geq 35$