Pacific Islands - Online Climate Outlook Forum (OCOF) No. 120

Country Name: Niue

TABLE 1: Monthly Rainfall

Station (include data period)			August 2017				
	June 2017 Total	July 2017 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	135.2	20.3	**145.7**	47.6	103.7	83	54/67

TABLE 2: Three-monthly Rainfall
June to August 2017
[Please note that the data used in this verification should be sourced from table 3 of OCOF #116]

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	**302.5**	221.0	329.0	274.0	44/67	35/35/30 -1.2%	Near Consistent

Period:*below normal/normal/above normal

Predictors and Period used for June to August 2017 Outlooks (refer to OCOF #116):

NINO 3.4 February-April 2017

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*Forecast is underline 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 2017

Predictors and Period used: NINO 3.4 July – August

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	49	439.0	51		10.8	67.2

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	67%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	27	372.4	38	508.7	35	16.8	58.2

TABLE 4: Seasonal Climate Outlooks using POAMA2 for
October to December 2017

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	67%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	39	344	12	528	49		

Summary Statements

Rainfall for August 2017:

August rainfall was above normal rainfall.

Accumulated rainfall for June to August 2017, including outlook verification:

Accumulated rainfall for June to August was normal.

The outlook offers little guidance to the coming season as the chances of below normal, normal and above normal are similar.

Verification is consistent.

Outlooks for October to December 2017:
1. **SCOPIC:**
   Seasonal rainfall outlook shows near equal likelihood of above normal and normal rainfall. Below normal rainfall is least likely.

2. **POAMA:**
   POAMA outlook for October to December favours above normal.

NB: The X LEPS % score has been categorised as follows:

Very Low: X < 0.0   Low: 0 ≤ X < 5   Moderate 5 ≤ X < 10   Good: 10 ≤ X < 15   High: 15≤ X < 25

Very High: 25 ≤X < 35   Exceptional: X ≥ 35