

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 77

Country Name: Republic of the Marshall Islands

TABLE 1: Monthly Rainfall

Station (include data period)			January 2014				
	November 2013 Total	December 2013 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Majuro Nino3.4 sst	326.1	146.3	245.4	165.4	226.1	201.3	25/33

TABLE 2: Three-monthly Rainfall November 2013 to January 2014

[Please note that the data used in this verification should be sourced from table 3 of OCOF #73]

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?)
Majuro Nino3.4sst	717.8	819.9	916.9	879.1	7/32	28/36/36 (1.4%)	Near-Consistent

Period: *below normal/normal/above normal

Predictors and Period used for November 2013 to January 2014 Outlooks (refer to OCOF #73): Nino 3.4 sst July-September

* 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
March to May 2014**

Predictors and Period used: Nino 3.4sst January

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Majuro Nino3.4 sst	49	648.5	51		-2.6	43.8

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Majuro Nino3.4sst	30	529.3	35	765.9	35	-0.3	40.6

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for
March to May 2014**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Majuro (POAMA2)	21	567	74	879	5		

Summary Statements

Rainfall for January 2014:

-Rainfall recorded for Majuro was above normal rainfall.

Accumulated rainfall for November 2013 to January 2014, including outlook verification:

-Three months rainfall outlook for November to January was for equal chance of normal and above normal.

-Observed rainfall was below normal as 717.8mm lies below 33 percentile and 67 percentile. Verification was near-consistent.

Outlooks for March-May 2014:

1. SCOPIC:

-Rainfall for next three months using Nino3.4sst is forecast for normal to above normal rainfall.

2. POAMA:

-POAMA is forecast to be 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: $X \geq 35$