

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 75

Country Name: Republic of the Marshall Islands (RMI)

TABLE 1: Monthly Rainfall

Station (include data period)			November 2013				
	September 2013 Total	October 2013 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Majuro NINO3.4 SST	246.4	228.9	326.1	286.0	389.9	344.7	14/32

**TABLE 2: Three-monthly Rainfall
September to November 2013**

[Please note that the data used in this verification should be sourced from table 3 of OCOF #71]

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 NINO3.4 SST	801.4	887.0	1086.6	974.3	6/32	34/ 31/ 35 (-2.4)	Inconsistent

Period: *below normal/normal/above normal

Predictors and Period used for September to November 2013 Outlooks (refer to OCOF #71):

NINO3.4 SST Anomalies from May to July

* 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
January to March 2014**

Predictors and Period used: NINO3.4 SST Anomalies from August to October

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Majuro NINO3.4 SST	44%	565.3	56%		9.0%	65.6%

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Majuro NINO3.4 SST	20%	513.2	40%	641.6	40%	21.9%	59.4%

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

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Majuro POAMA	23	531	30	656	47		

Summary Statements

Rainfall for November 2013:

- Rainfall recorded for Majuro was “normal rainfall”.

Accumulated rainfall for September–November 2013, including outlook verification:

- Three months rainfall outlook for September to November was “above normal rainfall”.
- Observed rainfall was “below normal” as 801.4mm lies below 33 percentile and 67 percentile. Verification was “Inconsistent”.

Outlooks for January-March 2014:

1. SCOPIC:

- Rainfall for next three months using Nino3.4SST Anomalies is forecast for “normal to above normal” rainfall.

2. POAMA:

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