

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 74

Country Name: Republic of the Marshall Islands (RMI)

TABLE 1: Monthly Rainfall

Station (include data period)			October 2013				
	August 2013 Total	September 2013 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Majuro NINO3.4 SST	193.5	246.4	228.9	272.8	375.2	334.8	6/32

**TABLE 2: Three-monthly Rainfall
August to October 2013**

[Please note that the data used in this verification should be sourced from table 3 of OCOF #70]

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	668.8	836.4	1020.8	971.8	3/32	31/35/34 (-2.8)	Near Consistent

Period: *below normal/normal/above normal

Predictors and Period used for August to October 2013 Outlooks (refer to OCOF #70):

NINO3.4 SST Anomalies from April to June

* 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
December 2013 to February 2014**

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

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Majuro NINO3.4 SST Anomalies	45%	674.9	55%		6.5%	54.8%

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Majuro NINO3.4 SST Anomalies	31%	600.7	34%	754.4	35%	3.8%	45.2%

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for
December 2013 to February 2014**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Majuro POAMA	33%	591	10%	784	57%		

Summary Statements

Rainfall for October 2013:

- Rainfall recorded for Majuro was “below normal rainfall”

Accumulated rainfall for August–October 2013, including outlook verification:

- Three months rainfall outlook for August to October was normal rainfall.
- Observed rainfall was “below normal” as 668.8mm lies below 33 percentile and 67 percentile. Verification was “Near Consistent”.

Outlooks for December 2013–February 2014:

1. SCOPIC:

- Rainfall for next three months using Nino3.4 SST Anomalies is forecast for “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: $X \geq 35$