# Pacific Islands - Online Climate Outlook Forum (OCOF) No. 73

**Country Name**: Republic of the Marshall Islands (RMI)

## TABLE 1: Monthly Rainfall

| Station (include data period) | | | September 2013 | | | | |
|---|---|---|---|---|---|---|---|
| Majuro (NINO3.4 sst) | July 2013 Total | August 2013 Total | Total | 33%tile Rainfall (mm) | 67%tile Rainfall (mm) | Median Rainfall (mm) | Ranking |
| | 331.0 | 193.6 | 246.4 | 248.9 | 363.0 | 285.8 | 11/32 |
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## TABLE 2: Three-monthly Rainfall
## July to September 2013
[Please note that the data used in this verification should be sourced from table 3 of OCOF #69]

| 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) | 771.0 | 788.7 | 972.1 | 907.0 | 10/32 | 34/32/34 | Near Consistent |
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Period:*below normal/normal/above normal

Predictors and Period used for July to September 2013 Outlooks (refer to OCOF #69):

NINO3.4 Mar-May

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* 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 November 2013 to January 2014

**Predictors and Period used:** NINO3.4 Jul-Sep

| Station | Below Median (prob) | Median Rainfall (mm) | Above Median (prob) | | LEPS | Hit-rate |
|---------|---------------------|----------------------|---------------------|---|------|----------|
| **Majuro NINO3.4** | 47 | 879.1 | 53 | | 1.9% | 61.3% |

| Station | Below Normal (prob) | 33%ile rainfall (mm) | Normal (prob) | 66%ile rainfall (mm) | Above Normal (prob) | LEPS | Hit-rate |
|---------|---------------------|----------------------|---------------|----------------------|---------------------|------|----------|
| Majuro NINO 3.4 | 28% | 819.9 | 36% | 916.9 | 36% | 1.4% | 38.7% |

# TABLE 4: Seasonal Climate Outlooks using POAMA2 for November 2013 to January 2014

| Station | Lower Tercile (prob) | 33%ile rainfall (mm) | Middle Tercile (prob) | 66%ile rainfall (mm) | Upper Tercile (prob) | | |
|---------|---------------------|----------------------|----------------------|----------------------|---------------------|---|---|
| Majuro | 33 | 794 | 17 | 917 | 50 | | |

## Summary Statements

**Rainfall for September 2013:**
- Rainfall recorded for Majuro was "below normal rainfall"

**Accumulated rainfall for July–September 2013, including outlook verification:**
- Three months rainfall outlook for July to September was for equal chances of above normal and below normal rainfall.
- Observed rainfall was "below normal" as 771.0mm lies below 33 percentile and 67 percentile. Verification was "Near Consistent".

**Outlooks for November 2013–January 2014:**
**1. SCOPIC:**
- Rainfall for next three months using Nino3.4 is forecast for "normal" rainfall.

**2. POAMA:**
- POAMA is forecast to normal rainfall.

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