# Pacific Islands - Online Climate Outlook Forum (OCOF) No. 150

## Country: Niue

## TABLE 1: Monthly Rainfall

| Station (include data period) | Dec-2019 | Jan-2020 | Feb-2020 | | | | Rank |
| --- | --- | --- | --- | --- | --- | --- | --- |
| | | | Total (mm) | 33%tile | 67%tile | Median | |
| | Total (mm) | Total (mm) | Rainfall (mm) | | | | |
| Hanan Airport (1905-2020) | 148.8 | 198.4 | 229.4 | 196.3 | 281.6 | 237.7 | 58/115 |

**TABLE 2: Three-month Rainfall for December 2019 to February 2020**

| Station | Three-month Total | | 33%tile | 67%tile | Median | Rank | SCOPIC forecast probabilities based on NINO3.4 September - October 2019 | | | | Verification: Consistent, Near-consistent, Inconsistent? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rainfall (mm) | | | | | | B-N | N | A-N | LEPS | |
| Hanan Airport (1905-2020) | 576.6 | Below normal | 612.7 | 834.6 | 689.3 | 38/115 | 42 | 32 | 26 | 16 | Consistent |

## TABLE 3: Seasonal Climate Outlooks using SCOPIC for April to June 2020
**Predictor and Period used: NINO3.4 for January to February 2020**

| Below Median (prob) | Median Rainfall (mm) | Above Median (prob) | | LEPS (%) [whole numbers] | Hit-rate (%) [whole numbers] |
|---|---|---|---|---|---|
| 54 | 441.9 | 46 | | 1 | 54 |
| | | | | | |

| Below Normal (prob) | 33%ile Rainfall (mm) | Normal (prob) | 67%ile Rainfall (mm) | Above Normal (prob) | LEPS (%) [whole numbers] | Hit-rate (%) [whole numbers] |
|---|---|---|---|---|---|---|
| 39 | 354.5 | 30 | 524.0 | 31 | 3 | 26 |
| | | | | | | |

## TABLE 4: Seasonal Climate Outlooks using POAMA2 for April to June 2020

| Station | Below Normal (prob) | 33%ile Rainfall (mm) | Normal (prob) | 67%ile Rainfall (mm) | Above Normal (prob) |
|---|---|---|---|---|---|
| Hanan Airport | 76 | 415.0 | 15 | 584.0 | 9 |
| | | | | | |

## Summary Statements

**Rainfall for February 2020:**

Hanan Airport's rainfall was normal.

**Accumulated rainfall for December 2019 to February 2020, including outlook verification:**

The accumulated rainfall for December to February was below normal, with consistent verification.

**Outlooks for April to June 2020:**

**1. SCOPIC:**
The outlook for April to June offers little guidance as the chances of above normal, normal and below-normal are similar

**2. POAMA:**
POAMA favours below normal rainfall for the coming three months.

**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

**Table: 5** Stakeholder Engagement- Evaluations of how effective NMS engage with stakeholders

| Product | Date: February 2020 | Stakeholder | Total Number of Participants | Number of male | Number of female |
|---|---|---|---|---|---|
| Climate Bulletin | 6/02/2020 | General public | 40 | 20 | 20 |
| | 20/02/2020 | Stakeholders | 20 | 15 | 5 |
| | 25/02/2020 | Government Officials | 20 | 10 | 10 |
| | | Village Council | 14 | 7 | 7 |
| | | Education Department | 24 | 10 | 14 |
| EAR Watch | | | | | |
| Monthly Climate Briefing | 26/02/2020 | Stakeholders | 20 | 15 | 5 |
| | | Weather group | 20 | 5 | 15 |
| | | Government Officials | 20 | 10 | 10 |
| | | Government all staff | 30 | 15 | 15 |
| Ocean Bulletin | | | | | |
| | | **Total** | 208 | 107 | 101 |