# Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 180

# **Country: Niue**

# Part 1: Recent climate

# TABLE 1: Monthly Rainfall

| Station (include data<br>period) | Jun-2022      | Jul-2022      | Aug-2022      |         |         |        |        |
|----------------------------------|---------------|---------------|---------------|---------|---------|--------|--------|
|                                  |               |               | Total<br>(mm) | 33%tile | 67%tile | Median | Rank   |
|                                  | Total<br>(mm) | Total<br>(mm) | Rainfall (mm) |         |         |        | Nalik  |
| Hanan Airport (1905-2022)        | 141.1         | 40.7          | 89.2          | 53.2    | 105.0   | 86.2   | 62/115 |
|                                  |               |               |               |         |         |        |        |

# TABLE 2: Three-month Total Rainfall for June to August 2022

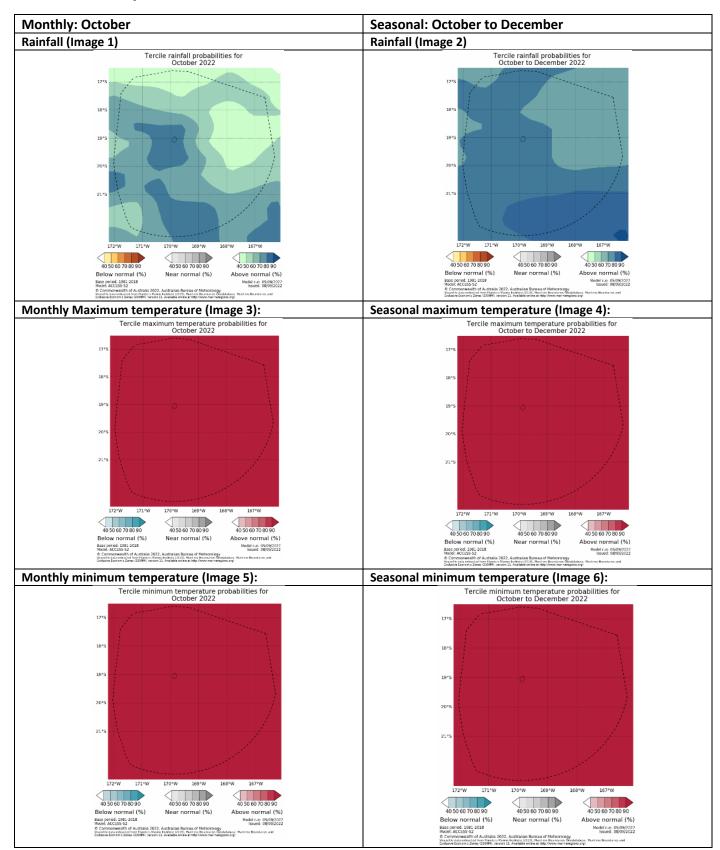
| Station                       | Three-month Total |                 | 33%tile | 67%tile | Median | Rank   |  |
|-------------------------------|-------------------|-----------------|---------|---------|--------|--------|--|
|                               |                   |                 |         |         |        |        |  |
| Hanan Airport (1905-<br>2022) | 271.0             | Below<br>normal | 224.9   | 473.2   | 336.3  | 60/113 |  |
|                               |                   |                 |         |         |        |        |  |

NB: The X LEPS % score has been categorised as follows:

Very Low: X < 0.0

Low:  $0 \le X < 5$  Moderate  $5 \le X < 10$ 

# Part 1i. Monthly and Seasonal Outlooks for October and October to December 2022



#### NB: The X LEPS % score has been categorised as follows:

Very Low: X < 0.0

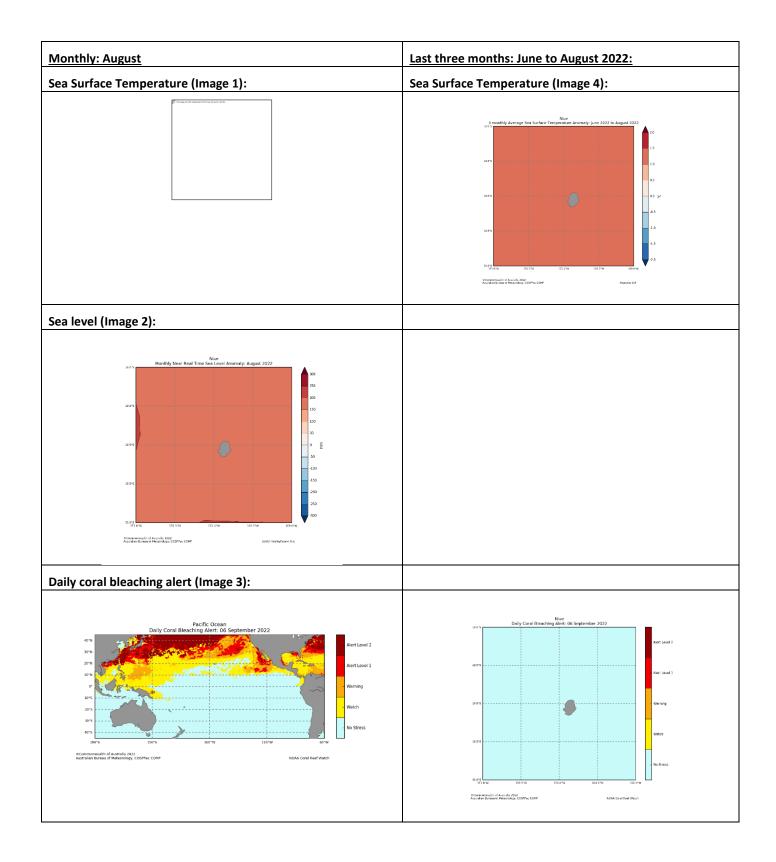
0.0 Low:  $0 \le X < 5$ 

Moderate  $5 \le X < 10$ 

Good: 10 ≤ X < 15 High: 15≤ X < 25

## Part 2: Recent Ocean Observation

#### Monthly/Three months: August 2022 and June to August 2022

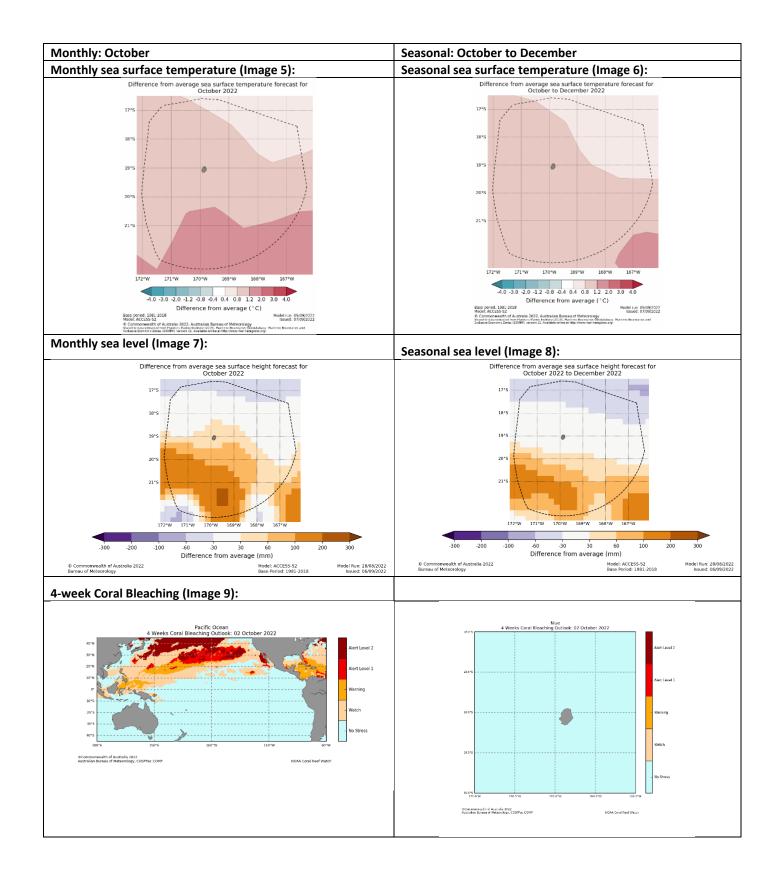


#### NB: The X LEPS % score has been categorised as follows:

Very Low: X < 0.0Low:  $0 \le X < 5$ Moderate  $5 \le X < 10$ Go

Good:  $10 \le X < 15$  High:  $15 \le X < 25$ 

# Part 2i. Monthly and Seasonal Outlooks for October and October to December 2022



#### NB: The X LEPS % score has been categorised as follows:

Very Low: X < 0.0

Low:  $0 \le X < 5$ 

Moderate  $5 \le X < 10$ 

Good:  $10 \le X < 15$  High:  $15 \le X < 25$ 

### **Summary Statement**

### Monthly and last three months: August 2022/June to August 2022 statement (Highly significant changes)

Hanan Airport's monthly rainfall for August and June to August was normal.

# Part 1i. Monthly and Seasonal Outlooks for October and October to December 2022

### Monthly /Seasonal rainfall and temperature Outlook statements (Highly significant changes)

The rainfall outlook for Niue for October and for October to December is very likely outcome to be above normal.

Monthly and seasonal maximum and minimum temperatures are very likely to be above normal.

# Part 2: Recent Ocean summary statement

### Monthly and last three months: August/June to August 2022 (Highly significant changes)

For August and the last three months, the sea surface temperature anomaly shows warmer conditions experienced in Niue with maximum temperature difference of 1.0 to 1.5 degrees Celsius. Above normal sea level anomaly was also observed in the month of August at 200mmm. Coral bleaching is on 'No Stress' status for Niue.

# Part 2i. Monthly and Seasonal Outlooks for October and October to December 2022

### Ocean Variable statement (Highly significant changes)

The outlook for Niue shows a significant temperature difference of up to 2.0 degrees Celsius warmer than average for October and over the months October to December.

The monthly and seasonal sea level anomaly forecast shows above normal conditions for Niue with differences ranging from -30 to 200mm.

Moderate  $5 \le X < 10$ 

Coral bleaching outlook has a "No stress" alert status for Niue.

#### NB: The X LEPS % score has been categorised as follows:

Very Low: X < 0.0

by: X < 0.0 Low:  $0 \le X < 5$ 

Good:  $10 \le X < 15$  High:  $15 \le X < 25$ 

# TABLE 3: Stakeholder Engagement- Evaluations of how effective NMS engage with stakeholders

| Product                     | Date:<br>August<br>2022 | Stakeholder  | Total<br>Number of<br>Participants | Number of<br>males | Number of<br>females |
|-----------------------------|-------------------------|--|------------------------------------|--------------------|----------------------|
| Climate Bulletin            | 30/08/2022              | <ul> <li>Private Sector</li> <li>Government<br/>Officials</li> <li>Government staff</li> <li>Stakeholders</li> </ul> | 70                                 | 30                 | 40                   |
| EAR Watch                   |                         |  |                                    |                    |                      |
| Monthly Climate<br>Briefing |                         |  |                                    |                    |                      |
| Ocean Outlook               |                         |  |                                    |                    |                      |
| Climate data request        |                         |  |                                    |                    |                      |
|                             |                         | Total  | 70                                 | 30                 | 40                   |

NB: The X LEPS % score has been categorised as follows:

Very Low: X < 0.0

Low:  $0 \le X < 5$ Moderate  $5 \le X < 10$ Good:  $10 \le X < 15$ High:  $15 \le X < 25$