Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 188

Country: Niue

Part 1: Recent climate

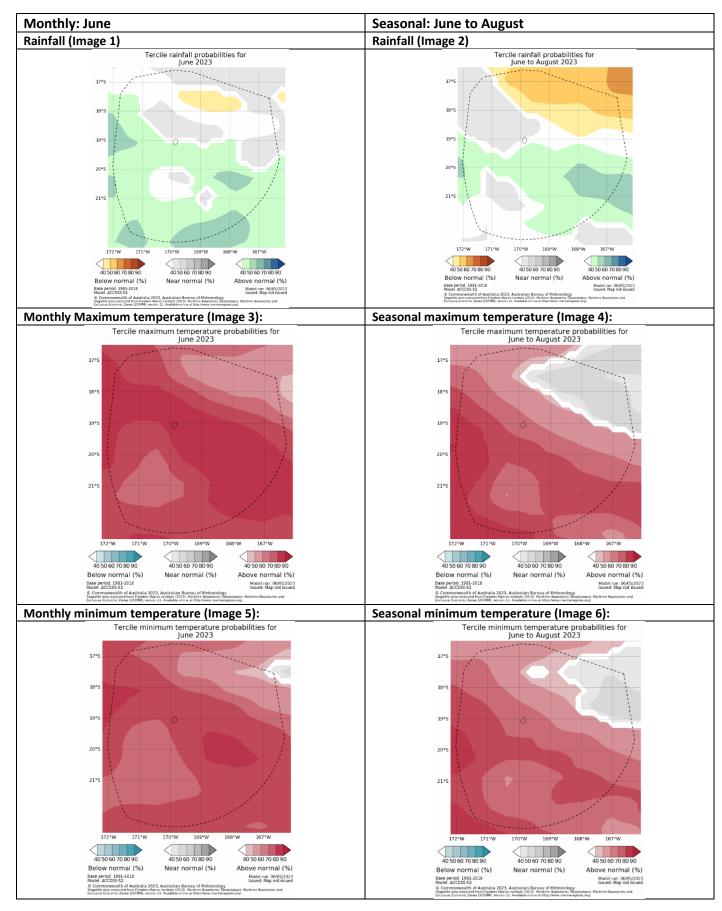
TABLE 1: Monthly Rainfall

| Station (include data period) | Feb- 2023 | Mar- 2023 | Apr-2023 | | | | |
|----------------------------------|---------------|---------------|---------------|---------|----------|--------|--------|
| | | | Total (mm) | 33%tile | 67%tile | Median | Rank |
| | Total (mm) | Total (mm) | | Rainfa | ıll (mm) | Nalik | |
| Hanan Airport (1905-2023) | 522.2 | 309.9 | 315.3 | 171.9 | 270.5 | 219.6 | 94/118 |
| | | | | | | | |

TABLE 2: Three-month Total Rainfall for February to April 2023

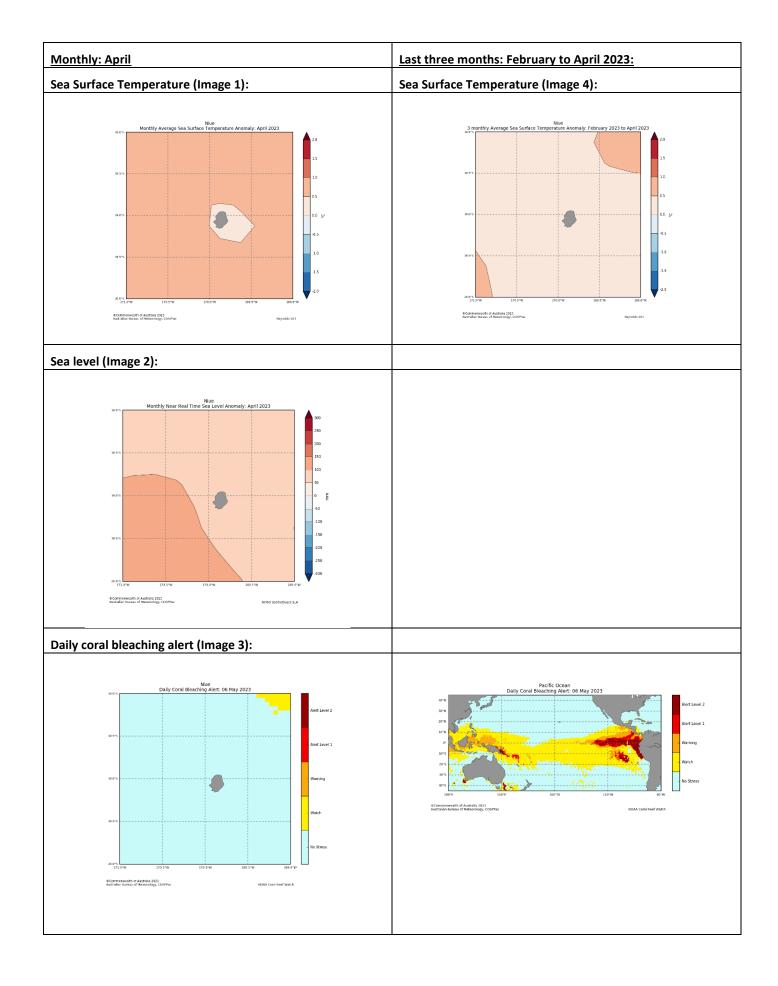
| Station | Three-month Total | | 33%tile | 67%tile | Median | Rank | |
|-------------------------------|-------------------|-----------------|-------------|---------|--------|---------|--|
| | | Rai | infall (mm) | | | | |
| Hanan Airport (1905- 2023) | 1146.2 | Above normal | 657.9 | 869.4 | 761.3 | 110/118 | |
| | | | | | | | |

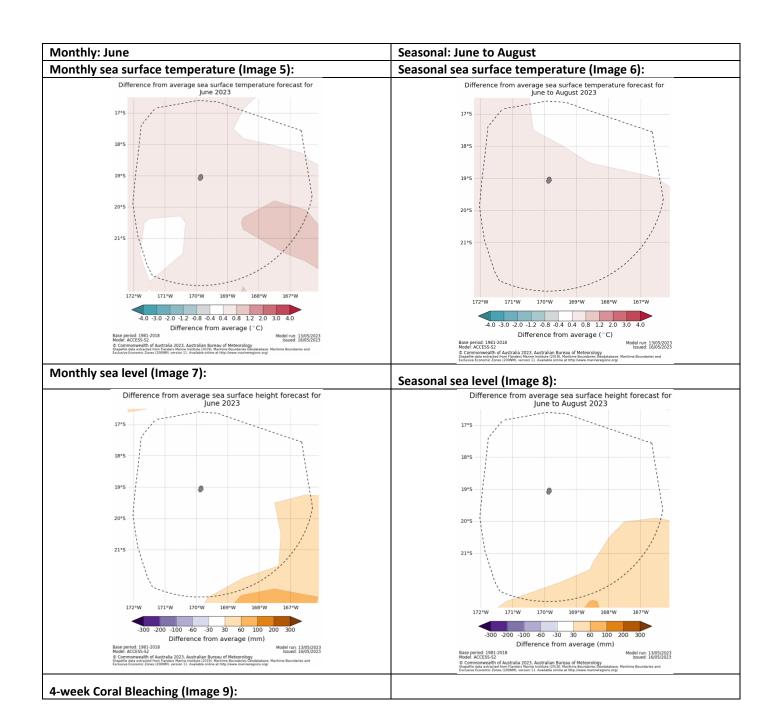
Part 1i. Monthly and Seasonal Outlooks for June and June to August 2023



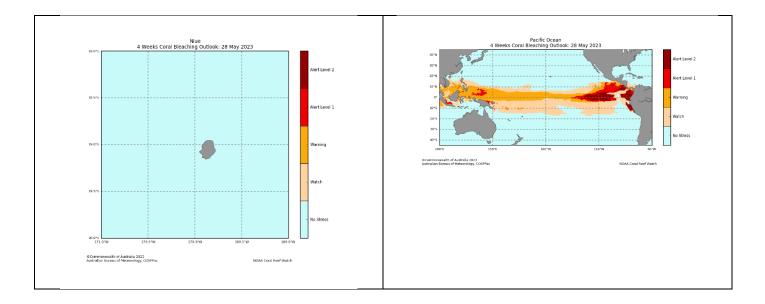
Part 2: Recent Ocean Observation

Monthly/Three months: April and February to April 2023





Part 2i. Monthly and Seasonal Outlooks for June and June to August 2023



Summary Statement

Monthly and last three months: April 2023/February to April 2023 statement

Hanan Airport's April rainfall and February to April rainfall was above normal. Hanan Airport registered its ninth wettest February – April in 118 years of record.

Part 1i. Monthly and Seasonal Outlooks for June and June to August 2023

Monthly /Seasonal rainfall and temperature Outlook statements

The outlook for Niue for June and June to August offers little guidance for the main island as the chances of above normal, normal and below normal rainfall are similar. However, rainfall is likely to be above normal rainfall over the central and southern part of the EEZ. Rainfall for the north of Niue's EEZ is likely to be below normal for both periods.

Maximum and minimum temperatures during June and averaged over June to August are very likely to be above normal.

Part 2: Recent Ocean summary statement

Monthly and last three months: April 2023/February to April 2023

April ocean temperatures around Niue were above normal by 0.5 to 1°C.

Averaged over February to April, ocean temperatures were near normal.

April sea levels around were 50mm to 150mm above normal.

Coral bleaching reveals no thermal stress for Niue.

Part 2i. Monthly and Seasonal Outlooks for June and June to August 2023

Ocean Variable statement

The monthly, June, sea surface temperature around the main island is predicted to be above normal ranging from 0.4 to 0.8 degrees, while southeast of the EEZ temperatures were 0.8 to 1.2 degrees above normal.

The seasonal sea surface temperature outlook, June to August, indicates above normal SST ranging from 0.4 to 0.8 degrees.

Monthly and seasonal sea levels are forecasted to be near normal around Niue, increasing to 30 to 60mm above normal in the far southeast of the EEZ.

Coral bleaching outlook for the next four weeks reveals no thermal stress for Niue.

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

| Product | Date: April 2023 | Stakeholder | Total Number of Participants | Number of Male | Number of Female | Comments (If there are comments from you Stakeholders) |
|----------------------|------------------------|--|------------------------------------|-------------------|---------------------|--|
| Climate Bulletin | 21/04/2023 | Private Sector Government Officials Government staff Stakeholders | 45 | 20 | 25 | |
| EAR Watch | | | | | | |
| Monthly | 02/04/2023 | Ekalesia Niue | 60 | 15 | 45 | |
| Climate Briefing | 16/04/2023 | Youth Groups | 40 | 10 | 30 | |
| Ocean Outlook | | | | | | |
| Climate data request | | | | | | |
| | | Total | 145 | 45 | 100 | |