

Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 221

Country: Niue

Part 1: Recent climate

TABLE 1: Monthly Rainfall

| Station (include data period) | Nov-2025 | Dec-2025 | Jan-2026 | | | | Rank |
|-------------------------------|------------|------------|---------------|---------|---------|--------|---------|
| | | | Total (mm) | 33%tile | 67%tile | Median | |
| | Total (mm) | Total (mm) | Rainfall (mm) | | | | |
| Hanan Airport (1905-2026) | 702.7 | 130.7 | 453.5 | 198.4 | 338.4 | 265.2 | 104/121 |

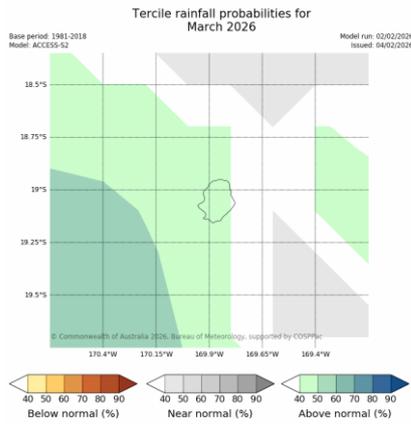
TABLE 2: Three-month Total Rainfall for November 2025 to January 2026

| Station | Three-month Total | | 33%tile | 67%tile | Median | Rank |
|---------------------------|-------------------|--------------|---------|---------|--------|---------|
| | Rainfall (mm) | | | | | |
| Hanan Airport (1905-2026) | 1286.9 | Above normal | 510.7 | 722.8 | 612.5 | 117/120 |

Part 1i. Monthly and Seasonal Outlooks for March and March to May 2026

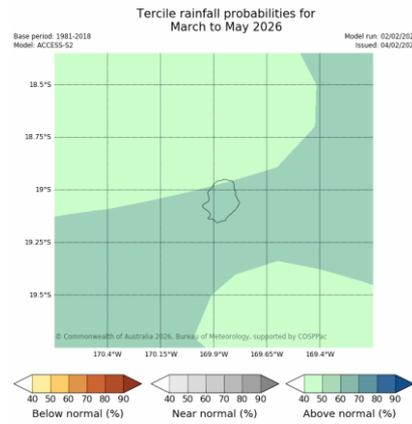
Monthly: March 2026

Rainfall (Image 1)

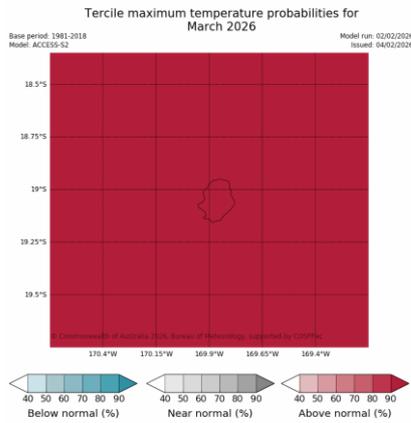


Seasonal: March to May 2026

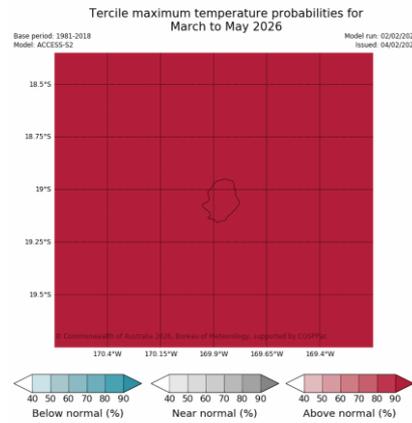
Rainfall (Image 2)



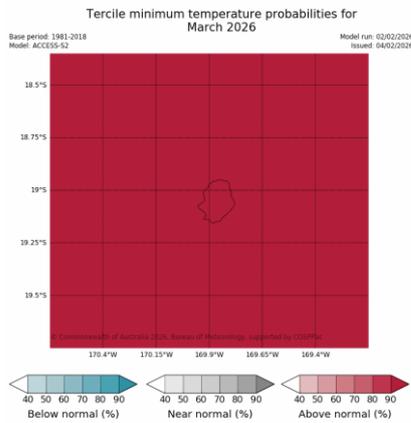
Monthly Maximum temperature (Image 3):



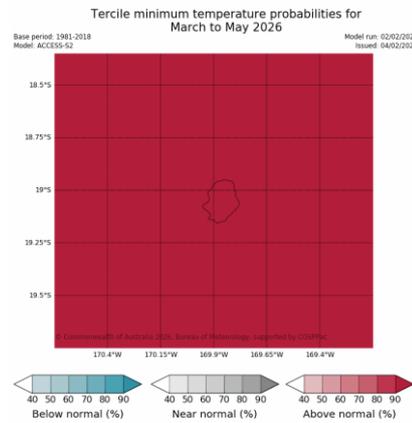
Seasonal maximum temperature (Image 4):



Monthly minimum temperature (Image 5):

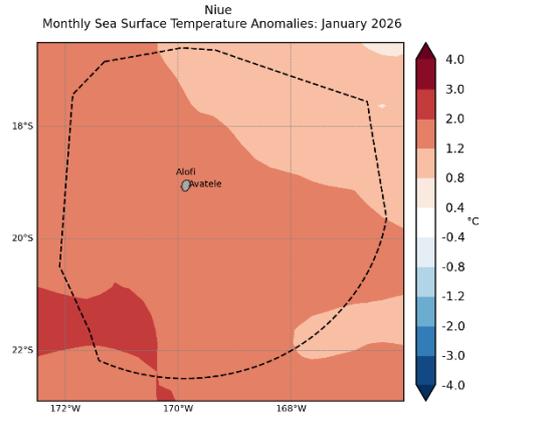
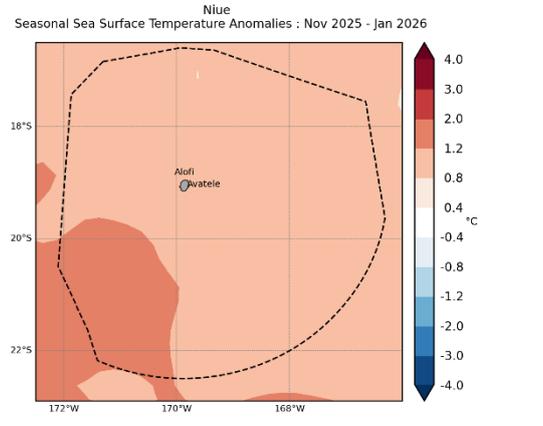
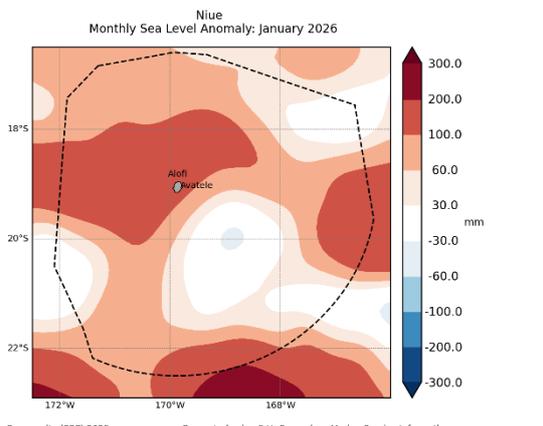
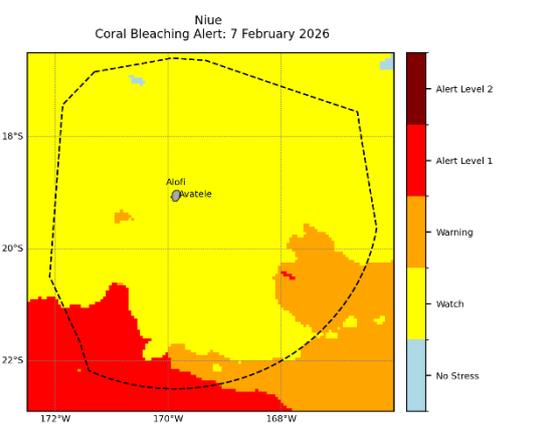
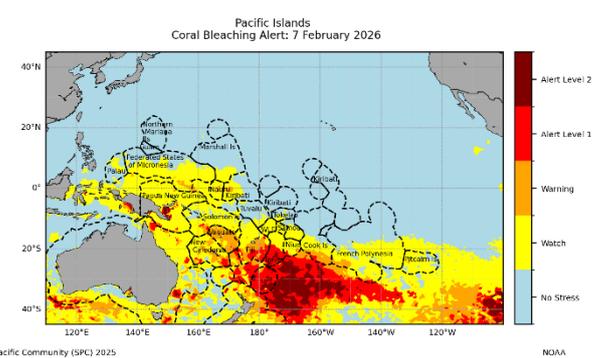


Seasonal minimum temperature (Image 6):



Part 2: Recent Ocean Observation

Monthly/Three months: January and November 2025 to January 2026

| <h4>Monthly: January 2026</h4> | <h4>Last three months: November 2025 to January 2026</h4> |
|--|--|
| <h4>Sea Surface Temperature Anomaly (Image 1):</h4> | <h4>Sea Surface Temperature Anomaly (Image 4):</h4> |
|  <p>Niue Monthly Sea Surface Temperature Anomalies: January 2026</p> <p>© Pacific Community (SPC) 2025 Reynolds</p> |  <p>Niue Seasonal Sea Surface Temperature Anomalies : Nov 2025 - Jan 2026</p> <p>© Pacific Community (SPC) 2025 Reynolds</p> |
| <h4>Sea level anomaly (Image 2):</h4> | |
|  <p>Niue Monthly Sea Level Anomaly: January 2026</p> <p>© Pacific Community (SPC) 2025 Generated using E.U. Copernicus Marine Service Information: https://doi.org/10.48670/mol-00149</p> | |
| <h4>National daily coral bleaching alert (Image 3):</h4> | <h4>Pacific daily coral bleaching alert (Image 5):</h4> |
|  <p>Niue Coral Bleaching Alert: 7 February 2026</p> <p>© Pacific Community (SPC) 2025 NOAA</p> |  <p>Pacific Islands Coral Bleaching Alert: 7 February 2026</p> <p>© Pacific Community (SPC) 2025 NOAA</p> |

Part 2i. Monthly and Seasonal Outlooks for March and March to May 2026

| Monthly: March 2026 | Seasonal: March to May 2026 |
|--|---|
| Monthly sea surface temperature anomaly (Image 5): | Seasonal sea surface temperature anomaly (Image 6): |
| <p>Difference from average sea surface temperature forecast for March 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 02/02/2026 Issued: 04/02/2026</p> <p>© Commonwealth of Australia 2026. Bureau of Meteorology, supported by COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019).</p> | <p>Difference from average sea surface temperature forecast for March to May 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 02/02/2026 Issued: 04/02/2026</p> <p>© Commonwealth of Australia 2026. Bureau of Meteorology, supported by COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019).</p> |
| Monthly sea level anomaly (Image 7): | Seasonal sea level anomaly (Image 8): |
| <p>Difference from average sea surface height forecast for March 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 02/02/2026 Issued: 04/02/2026</p> <p>© Commonwealth of Australia 2026. Bureau of Meteorology, supported by COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019).</p> | <p>Difference from average sea surface height forecast for March to May 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 02/02/2026 Issued: 04/02/2026</p> <p>© Commonwealth of Australia 2026. Bureau of Meteorology, supported by COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019).</p> |
| National 4-week Coral Bleaching Outlook (Image 9): | Pacific 4-week Coral Bleaching Outlook (Image 10): |
| <p>Niue 4 Week Coral Bleaching Outlook: 23 February 2026</p> <p>Alert Level 2 Alert Level 1 Warning Watch No Stress</p> <p>© Pacific Community (SPC) 2025 NOAA</p> | <p>Pacific Islands 4 Week Coral Bleaching Outlook: 23 February 2026</p> <p>Alert Level 2 Alert Level 1 Warning Watch No Stress</p> <p>© Pacific Community (SPC) 2025 NOAA</p> |

Summary Statement

Monthly and last three months: January/November 2025 to January 2026 statement

Hanan Airport's January and November to January rainfall records were above normal.

Part 1i. Monthly and Seasonal Outlooks for March and March to May 2026

Monthly /Seasonal rainfall and temperature Outlook statements

Niue's March and March to May is very likely to be above normal.

Maximum and minimum temperatures during March and averaged over March to May are very likely to be above normal.

Part 2: Recent Ocean summary statement

Monthly and last three months: January/November 2025 to January 2026

November and averaged over November to January Sea surface temperature (SSTs) around Niue were near normal to 0.8 to 2.0°C above normal.

October sea levels around Niue were 30 to 200mm above normal.

Watch alert for Coral Bleaching for Niue.

Part 2i. Monthly and Seasonal Outlooks for March and March to May 2026

Ocean Variable statement

March sea surface temperatures around Niue are predicted to be 0.4 to 0.8°C above normal.

Averaged over March to May, sea surface temperatures around Niue are predicted to be 0.8 to 1.2°C above normal.

March and averaged over March to May, sea levels around Niue are predicted to be –30 to 30 mm near normal to 30 to 60mm below normal.

Coral Bleaching outlook indicates alert levels 1 and 2 status for the next 4 weeks.

In brief for Teleconference

- Rainfall was above normal for January and November 2025 to January 2026.
- The rainfall outlook generally indicates above normal rainfall March 2026 and March to May 2026.
- SSTs for January and averaged over November to January were near normal to above normal. The outlook shows above normal SSTs for the next one and three months.
- Sea levels were above normal for January. Below normal to near normal sea levels are predicted for March and March to May.
- Coral Bleaching outlook indicates alert levels 1 and 2 status for the next 4 weeks.

TABLE 3: Stakeholder Engagement- Evaluations of how effective NMS engage with stakeholders (January 2026)

| Product | Stakeholder | Total Number of Participants | Number of Male | Number of Female | Disability | Comments (If there are comments from you Stakeholders) |
|--------------------------|-------------|------------------------------|----------------|------------------|------------|--|
| Climate Bulletin | | | | | | |
| EAR Watch | | | | | | |
| Monthly Climate Briefing | | | | | | |
| Ocean Outlook | | | | | | |
| Climate data request | | | | | | |
| Total | | | | | | |

| Stakeholder category | Do your products reach this group? (Y/N) | Tailored product? (Y/N) |
|--|--|-------------------------|
| Agriculture sector | | |
| Disaster Risk Reduction sector | | |
| Energy sector | | |
| Health sector | | |
| Water sector | | |
| Fisheries and Aquaculture sector | | |
| Tourism sector | | |
| Maritime sector | | |
| Research & education sector | | |
| Women's <input type="checkbox"/> organisations | | |
| National disability organisations | | |
| Community based organisations (e.g. councils) | | |
| Products offered in local dialects/ languages | | |

Table 4: Impacts of Severe weather and climate events

| Dates | Phenomena/Event | Location | Image |
|-------|-----------------|----------|-------|
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