

Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Hanan Airport (1905-2024)	577.8	Above normal	395.4	575.4	452.6	81/118

Part 1i. Monthly and Seasonal Outlooks for February and February to April 2024

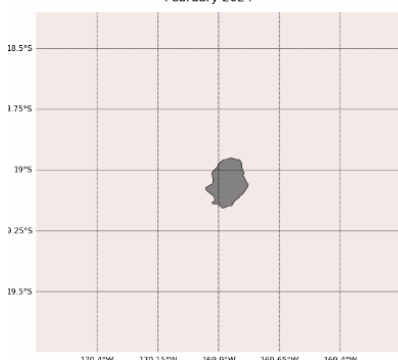
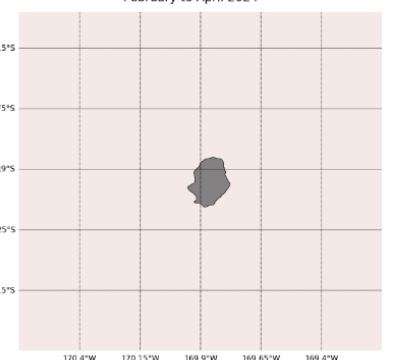
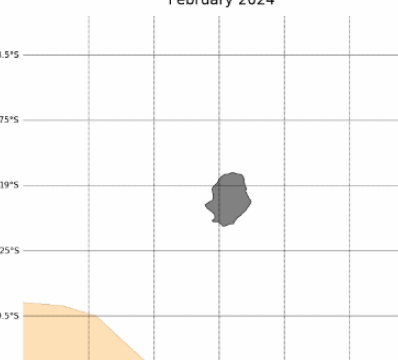
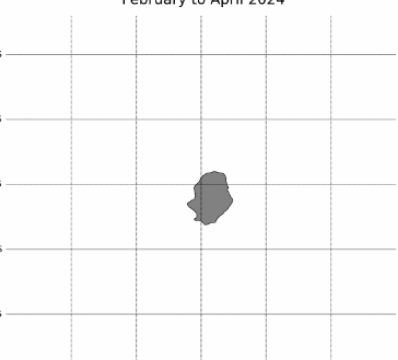
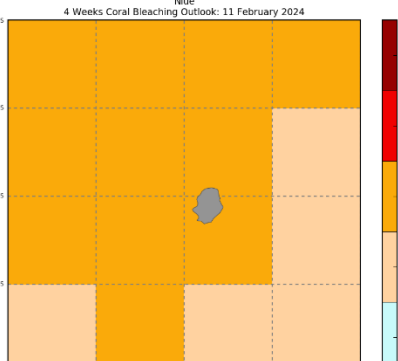
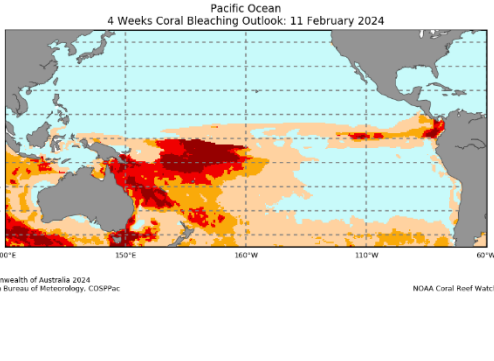
<div>Monthly: February</div> <div>Rainfall (Image 1)</div> <div><p>Tercile rainfall probabilities for February 2024</p><p>Base period: 1981-2018 Model: ACCESS-S2 © Commonwealth of Australia 2024, Australian Bureau of Meteorology</p></div>	<div>Seasonal: February to April</div> <div>Rainfall (Image 2)</div> <div><p>Tercile rainfall probabilities for February to April 2024</p><p>Base period: 1981-2018 Model: ACCESS-S2 © Commonwealth of Australia 2024, Australian Bureau of Meteorology</p></div>
<div>Monthly Maximum temperature (Image 3):</div> <div><p>Tercile maximum temperature probabilities for February 2024</p><p>Base period: 1981-2018 Model: ACCESS-S2 © Commonwealth of Australia 2024, Australian Bureau of Meteorology</p></div>	<div>Seasonal maximum temperature (Image 4):</div> <div><p>Tercile maximum temperature probabilities for February to April 2024</p><p>Base period: 1981-2018 Model: ACCESS-S2 © Commonwealth of Australia 2024, Australian Bureau of Meteorology</p></div>
<div>Monthly minimum temperature (Image 5):</div> <div><p>Tercile minimum temperature probabilities for February 2024</p><p>Base period: 1981-2018 Model: ACCESS-S2 © Commonwealth of Australia 2024, Australian Bureau of Meteorology</p></div>	<div>Seasonal minimum temperature (Image 6):</div> <div><p>Tercile minimum temperature probabilities for February to April 2024</p><p>Base period: 1981-2018 Model: ACCESS-S2 © Commonwealth of Australia 2024, Australian Bureau of Meteorology</p></div>

Part 2: Recent Ocean Observation

Monthly/Three months: December and October to December 2023

<p>Monthly: December</p> <p>Sea Surface Temperature (Image 1):</p> <p>Monthly Average Sea Surface Temperature Anomaly: December 2023</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, CSIRO/Mapbox</p> <p>Reynolds SST</p>	<p>Last three months: October to December 2023:</p> <p>Sea Surface Temperature (Image 4):</p> <p>3 monthly Average Sea Surface Temperature Anomaly: October 2023 to December 2023</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, CSIRO/Mapbox</p> <p>Reynolds SST</p>
<p>Sea level (Image 2):</p> <p>Monthly Near Real Time Sea Level Anomaly: December 2023</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, CSIRO/Mapbox</p> <p>AVISO SeaWiFS/QuikSCAT SLA</p>	
<p>Daily coral bleaching alert (Image 3):</p> <p>Daily Coral Bleaching Alert: 08 January 2024</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, CSIRO/Mapbox</p> <p>NOAA Coral Reef Watch</p>	<p>Pacific Ocean Daily Coral Bleaching Alert: 08 January 2024</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, CSIRO/Mapbox</p> <p>NOAA Coral Reef Watch</p>

Part 2i. Monthly and Seasonal Outlooks for February and February to April 2024

Monthly: February	Seasonal: February to April
Monthly sea surface temperature (Image 5):	Seasonal sea surface temperature (Image 6):
<div><p>Difference from average sea surface temperature forecast for February 2024</p><p>Difference from average (°C)</p><p>Base period: 1981-2018 Model: ACCESS-S2 © Commonwealth of Australia 2024, Australian Bureau of Meteorology</p><p>Model run: 06/01/2024 Issued: 06/01/2024</p></div>	<div><p>Difference from average sea surface temperature forecast for February to April 2024</p><p>Difference from average (°C)</p><p>Base period: 1981-2018 Model: ACCESS-S2 © Commonwealth of Australia 2024, Australian Bureau of Meteorology</p><p>Model run: 06/01/2024 Issued: 06/01/2024</p></div>
Monthly sea level (Image 7):	Seasonal sea level (Image 8):
<div><p>Difference from average sea surface height forecast for February 2024</p><p>Difference from average (mm)</p><p>Base period: 1981-2018 Model: ACCESS-S2 © Commonwealth of Australia 2024, Australian Bureau of Meteorology</p><p>Model run: 06/01/2024 Issued: 06/01/2024</p></div>	<div><p>Difference from average sea surface height forecast for February to April 2024</p><p>Difference from average (mm)</p><p>Base period: 1981-2018 Model: ACCESS-S2 © Commonwealth of Australia 2024, Australian Bureau of Meteorology</p><p>Model run: 06/01/2024 Issued: 06/01/2024</p></div>
4-week Coral Bleaching (Image 9):	
<div><p>Niue 4 Weeks Coral Bleaching Outlook: 11 February 2024</p><p>Alert Level 2 Alert Level 1 Warning Watch No Stress</p><p>© Commonwealth of Australia 2024 Australian Bureau of Meteorology, COOPac</p><p>Niue 4 Weeks Coral Bleaching Outlook: 11 February 2024</p></div>	<div><p>Pacific Ocean 4 Weeks Coral Bleaching Outlook: 11 February 2024</p><p>Alert Level 2 Alert Level 1 Warning Watch No Stress</p><p>© Commonwealth of Australia 2024 Australian Bureau of Meteorology, COOPac</p><p>Niue 4 Weeks Coral Bleaching Outlook: 11 February 2024</p></div>

Summary Statement

Monthly and last three months: December 2023/October to December 2023 statement

Hanan Airport's December rainfall and October to December rainfall was above normal.

Part 1i. Monthly and Seasonal Outlooks for February and February to April 2024

Monthly /Seasonal rainfall and temperature Outlook statements

The outlook for Niue for February is likely to be below normal. The rainfall for February to April is likely to be above normal for Niue.

Maximum and minimum temperatures during February and averaged over February to April are very likely to be above normal.

Part 2: Recent Ocean summary statement

Monthly and last three months: December 2023/October to December 2023

December ocean temperatures and averaged over October to December ocean temperatures around Niue were near normal. December sea levels were 50mm to 150mm above normal.

Coral bleaching reveals a watch status for Niue.

Part 2i. Monthly and Seasonal Outlooks for February and February to April 2024

Ocean Variable statement

The monthly, February, and seasonal outlook, February to April, predicts sea surface temperature around the main island to be above normal of upmost 0.8 degrees. Monthly and seasonal sea levels are forecasted to be near normal around Niue.

Coral bleaching outlook for the next four weeks reveals a warning status for Niue.

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

Product	Date: December 2023	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Comments (If there are comments from you Stakeholders)
Climate Bulletin						
EAR Watch						
Monthly Climate Briefing	11/12/23	Niue Met Service Staff SPC Officers UNEP CIS-Pac5 Staff	12	10	12	
Ocean Outlook						
Climate data request						
Total			12	10	12	