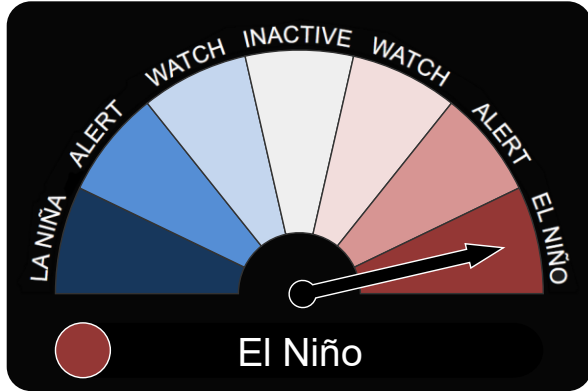


March Climate Bulletin for Tourism

Issued
5-Mar-24

A monthly bulletin issued by the Vanuatu Meteorology & Geo-hazards Department that provides concise one-month outlook on climatic conditions over Vanuatu that local tourism operators and tourists can use for better decision-making.

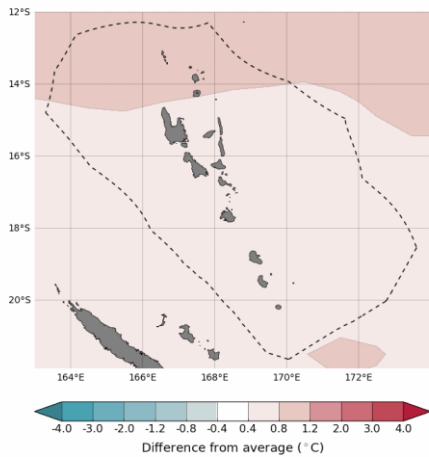


El Niño–Southern Oscillation (ENSO)

ENSO status continues to be in El Niño. El Niño events typically increase the chance of below average rainfall in Vanuatu, resulting in drier conditions and warmer daytime temperatures.

El Niño hemi stap yet. Lo taem blo wan El Niño I kat hae Janis blo Vanuatu I save kasem ol bilou nomol renfol we I save mekem ples I drae plante mo ples I wom tumas lo day.

Difference from average sea surface temperature forecast for March 2024



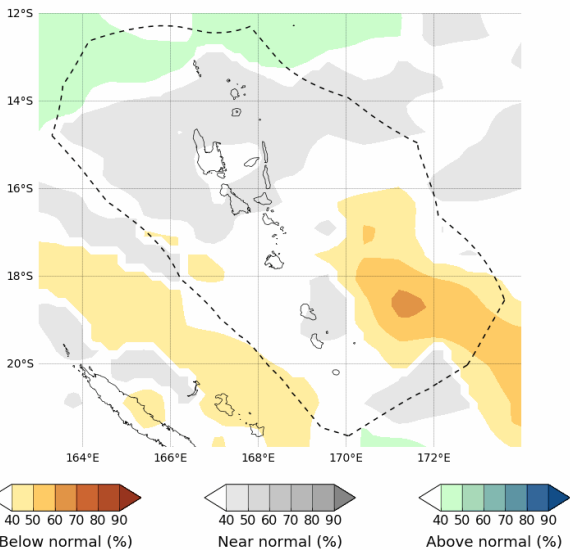
Base period: 1981-2018
Model: ACCESS-S2
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Shapefile data extracted from Flanders Marine Institute (2019), Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (200NM), version 1.1. Available online at <http://www.maritimerregions.org/>

Sea Surface Temperature Forecast

Sea surface temperature is expected to be 0.4°C warmer than usual across the country, and up to 1.2 °C warmer in Torba province.

Tempreja blong solwota bae hemi wom bitim nomol lo full Vanuatu. Tempreja blo solwota I save kasem difrens blong 1.2°C lo Torba Province mo 0.4°C lo efri nara province.

Tercile rainfall probabilities for March 2024



Base period: 1981-2018
Model: ACCESS-S2
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Shapefile data extracted from Flanders Marine Institute (2019), Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (200NM), version 1.1. Available online at <http://www.maritimerregions.org/>

Rainfall Outlook

Rainfall is likely to be near normal for all provinces this month.

Efri aelan lo Vanuatu bae oli kasem ol renfol we bambae oli klosap lo nomol.

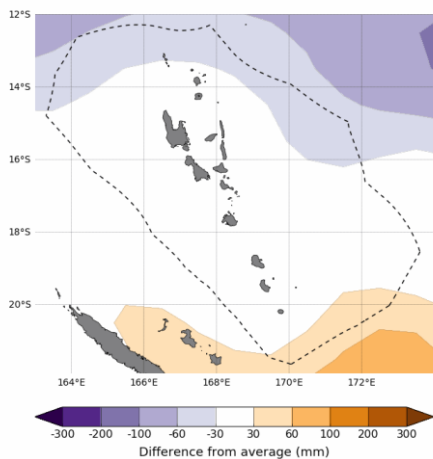
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Difference from average sea surface height forecast for March 2024



Base period: 1981-2018
 Model: ACCESS-S2
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 Shapefile data extracted from Flanders Marine Institute (2019), Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (2019M), version 11. Available online at <http://www.maritimeregion.org>
 Model run: 05/02/2024
 Issued: 07/02/2024

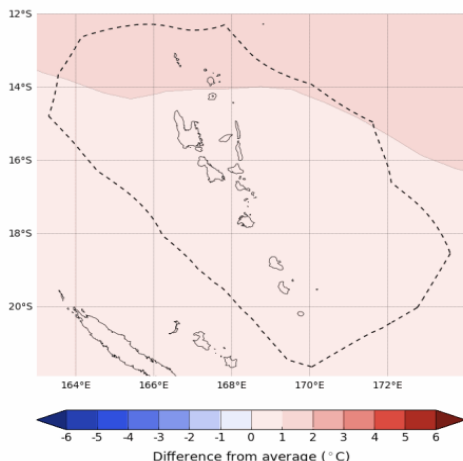
Sea Level Forecast

Most of the country is expected to have near normal sea level.

Plante lo ogeta aelans blo Vanuatu bae oli save luk solwota we klosap lo ol nomol level.

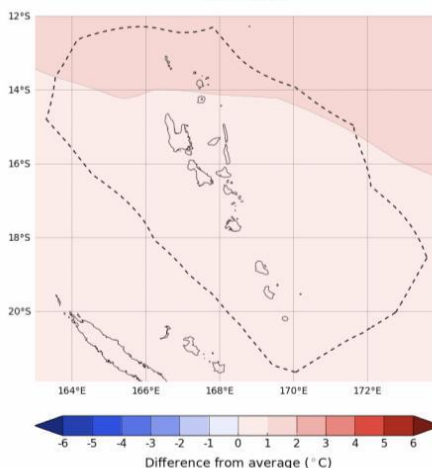
Maximum and Minimum Temperature Outlook

Difference from average mean maximum temperature forecast for March 2024



Base period: 1981-2018
 Model: ACCESS-S2
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 Shapefile data extracted from Flanders Marine Institute (2019), Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (2019M), version 11. Available online at <http://www.maritimeregion.org>
 Model run: 26/02/2024
 Issued: 28/02/2024

Difference from average mean minimum temperature forecast for March 2024



Base period: 1981-2018
 Model: ACCESS-S2
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 Model run: 26/02/2024
 Issued: 28/02/2024

Slightly above average (0-1°C) day-time temperatures are expected across the country this month, particularly in Torba province (1-2°C).

- *Tempreja blong dei bae wom lelebet bitim nomol wetem wan diffrens blong 0-1°C, be Torba Provinc hemi save kasem 1-2°C.*

Slightly above average (0-1°C) night-time temperatures are expected across the country this month, particularly in Torba province (1-2°C).

- *Tempreja blong naet bae wom lelebet bitim nomol wetem wan diffrens blong 0-1°C, be torba I save kasem 1-2°C difrens*

Tide Outlook for March

Port Vila Harbour					
Lowest Tide	Date	Time (VUT)	Highest Tide	Date	Time (VUT)
0.20m	9 Mar	11:25pm	1.57m	12 Mar	7:06am

Luganville Harbour					
Lowest Tide	Date	Time (VUT)	Highest Tide	Date	Time (VUT)
0.09m	9 Mar	10:38pm	1.85m	10 Mar	4:47pm

Moon Phases for March

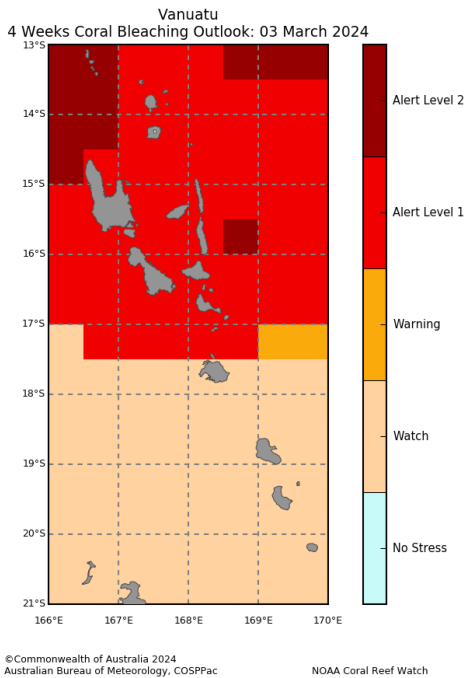
Fes Kwata	Ful Moon	Las Kwata	Niu Moon
17 March	25 March	4 March	10 March

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Coral Bleaching Outlook

Alert 1 is in place for Torba, Sanma, Penama, Malampa and parts of Shefa provinces. A Watch is in place for more southern islands.

Alet 1 istap long Torba, Sanma, Penama, Malampa, mo sam pat blong shefa. Warning istap long southern aelans.

Volcanic Alert Level



Vanuatu Volcanic Activity Summary	
Volcanoes	Current Alert Level
Yasur (Tanna)	2
Lopevi (Lopevi)	2
Benbow and Marum (Ambrym)	2
Manaro Voui (Ambae)	2
Mount Garek (Gau)	2
Suretamatai (Vanua Lava)	1
East Epi	1

Title	Level of Alert
Very Large Eruption	5
Moderate Eruption	4
Minor Eruption	3
Major Unrest	2
Signs of Volcanic Unrest	1
Normal	0

For the latest Volcanic Alert Bulletin, visit:

<https://www.vmgd.gov.vu/vmgd/index.php/geohazards/volcano/volcano-info/current-volcanic-activity>

Bulletin Highlights for March 2024

ENSO:	El Niño	Max Temp:	↑
SST:	↑	Min Temp:	↑
Rainfall:	–	Coral Bleaching:	↑
Sea Level:	–	Volcanos:	–

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			<i>Recommended Actions</i>	
			Tourism Operators	Tourists
	R a i n f a l l	<i>Below normal</i>	<p>Use water wisely (e.g., watering lawn/ gardens during cool morning/ evening hours)</p> <p>Provide tourists with resource on water saving behaviour</p> <p>Heavily mulch flower beds to reduce evaporation</p> <p>Desalination plants</p> <p>Avoid use of fire</p>	<p>Use water wisely (use water taps responsibly, reduce shower times)</p> <p>Travel with reusable water bottle and filter</p> <p>Support eco-tourism initiatives with a water conservation focus</p> <p>Participate in activities with less reliance on water (e.g., go bush hiking instead of swimming)</p>
		<i>Above normal</i>	<p>Save enough water for consumption</p> <p>Increase water activities</p> <p>Increase shelter to accommodate rain day activities</p>	<p>Participate in indoor activities</p> <p>Participate in water-based activities</p>
C l i m a t e v a r i a b l e	T e m p e r a t u r e	<i>Above normal</i>	<p>Build low huts near beaches to cool off</p> <p>Encourage sun safe behaviour for tourists (sunscreen, staying in shade, etc.)</p> <p>Do not remove branches from trees nearby</p> <p>Heavily mulch flower beds</p> <p>Provide shade tents and cooling stations</p> <p>Use structural or mechanical aid (e.g., umbrellas or wind breaks)</p> <p>Avoid areas of unfavourable weather conditions (e.g., move from sun to shade)</p>	<p>Apply SPF30+ sunscreen every 2 hours</p> <p>Adjust outdoor activities to avoid thermal stress</p> <p>Stay in the shade where possible</p> <p>Keep hydrated</p> <p>Reduce excess movement</p> <p>Wear a shirt, hat, and sunglasses</p>
C o r a l B l e a c h i n g L e v e l	<i>Above normal</i>	<p>Reduce stormwater and fertilizer runoff</p> <p>Avoid using herbicides and pesticides</p> <p>Work with government to move towards renewable energy</p> <p>For operators nearby coral, provide extensive education to tourists on how to avoid damaging coral reefs</p> <p>When anchoring boats, avoid anchoring near places with coral reefs</p> <p>Tour boats to avoid releasing grey-water discharge or other water pollutants that can be damaging to marine environment</p>	<p>Do not litter in the marine environment</p> <p>If participating in snorkelling or other water activities nearby coral reefs, take care to not damage coral reefs by stepping on, hitting, or touching corals</p> <p>Ensure sunscreen you use is safe for marine life</p>	

For more info, contact us:

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Tourism office: Telephone (+678 33400) Email (tourism@vanuatu.gov.vu)

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