

# VANUATU CLIMATE OUTLOOK FOR TOURISM

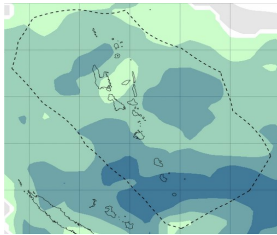
A monthly bulletin issued by the Vanuatu Meteorology & Geo-hazards Department that provides concise one-month outlook on climatic conditions over Vanuatu that local tourism operators and tourists can use for better decision-making.

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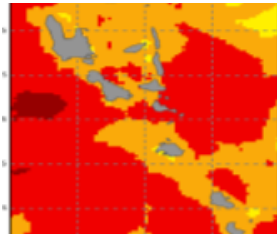
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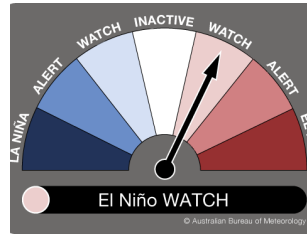
## Highlights in this bulletin



**Rainfall Outlook**



**Coral Bleaching**

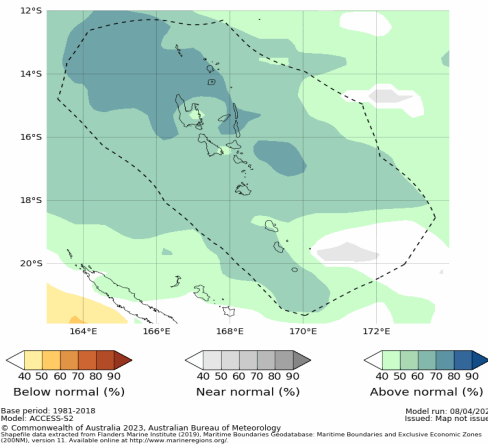


**El Niño WATCH**



**Volcano Alert Level**

Tercile rainfall probabilities for May 2023

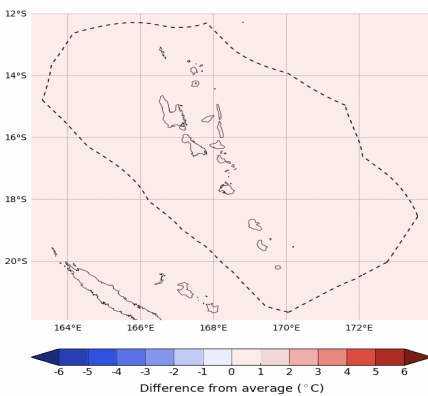


## Rainfall Outlook for May 2023

Above average rainfall is likely over the whole country, particularly over the northern islands.

*Yumi save kasem abav nomol renfol long ful kaontri, espeseli ova long ol noten aelans.*

Difference from average mean maximum temperature forecast for May 2023

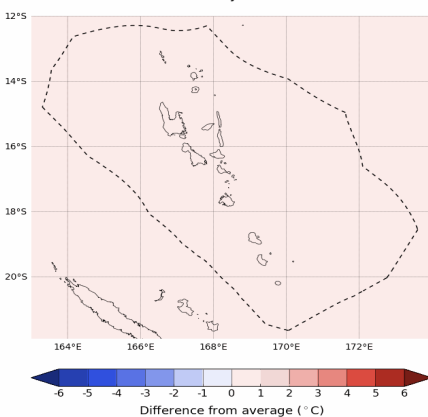


## Day-time Temperature Outlook for May 2023

Slightly above average (0-1°C) day-time temperatures are expected over the country.

*Tempreja blong dei-taem long manis blong May bae hemi save wom lelebet bitim nomol, wetem wan diffrens blong 0-1°C.*

Difference from average mean minimum temperature forecast for May 2023



## Night-time Temperature Outlook for May 2023

Slightly above average (0-1°C) night-time temperatures are expected over the country.

*Tempreja blong naet-taem long manis blong May bae hemi save wom lelebet bitim nomol, wetem wan diffrens blong 0-1°C.*

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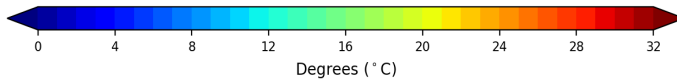
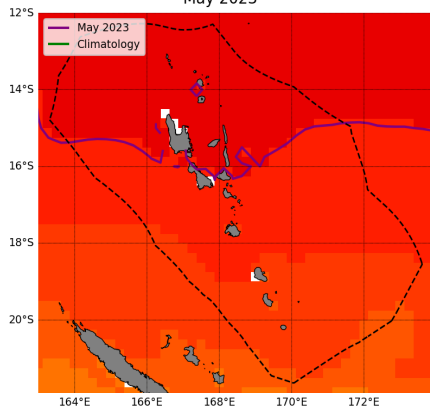
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Sea surface temperature forecast for May 2023



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Model: ACCESS-S2  
Base Period: 1981-2018

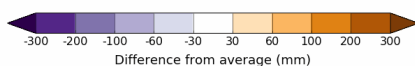
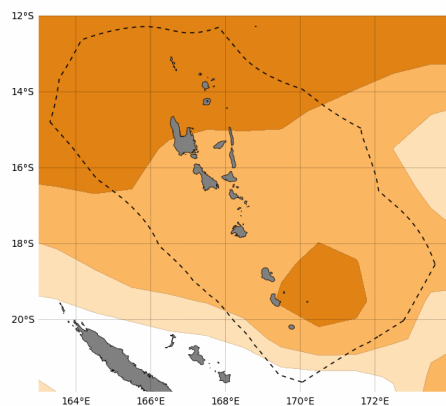
Model Run: 15/04/2023  
Issued: 18/04/2023

## Sea Surface Temperature Forecast for May 2023

Highest sea surface temperature is forecasted above 29°C in the northern islands. Central and southern islands expect temperatures of 27-29°C.

*Tempreja blong solwora bae save hae bitim 29°C ova long ol noten aelans. Sentrol mo saoten aelans oli ekspektem tempreja blong 27-29°C.*

Difference from average sea surface height forecast for May 2023



Base period: 1981-2018  
Model: ACCESS-S2

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Shapefile data extracted from Timor-Leste Institute (2019), Maritime Boundaries and Exclusive Economic Zones (200NM), version 11. Available online at <http://www.maritimerregions.org/>

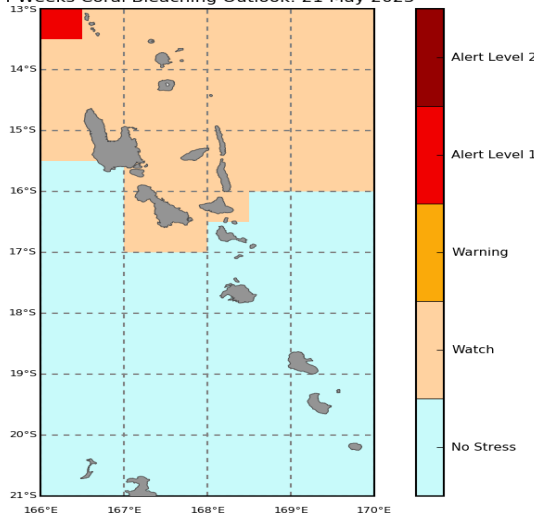
Model run: 08/04/2023  
Issued: 10/04/2023

## Sea Level Forecast for May 2023

Sea level is likely to be higher than normal through out the country this month, with 10-20cm higher expected in northern islands and parts of the south eastern islands. Central islands are forecasted to have 6-10cm higher sea levels than usual.

*Level blong solwota bae save hae bitim nomol long manis blong May. Yumi ekspektem wan diffrens blong 10-20cm long noten aelans, mo ova long Futuna mo Aniwa. Ol sentrol aelans bae oli save experiencem wan diffrens blong 6-10cm.*

Vanuatu  
4 Weeks Coral Bleaching Outlook: 21 May 2023



## Coral Bleaching Outlook for May 2023

Coral bleaching Watch is in place for Torba, Sanma, Penama, and Malampa province. No Stress is in place for Shefa and Tafea.

*Korel Blijing "Waj" istap long Torba, Sanma, Penama mo Malampa province. Shefa mo Tafea istap long "No stress".*

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Australian Bureau of Meteorology, COSPPac

NOAA Coral Reef Watch

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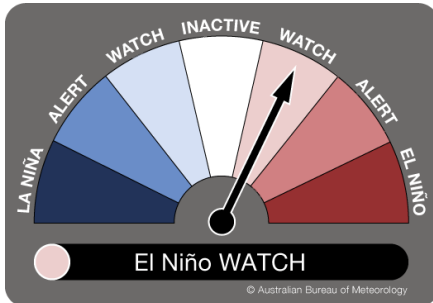
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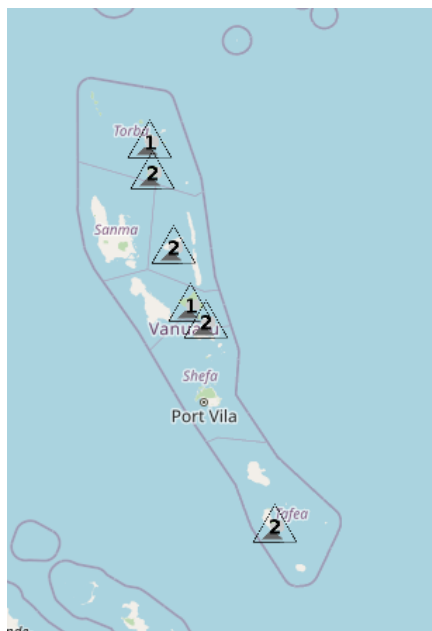
## El Niño Southern Oscillation



El Niño Southern Oscillation (ENSO) status is NEUTRAL, with an El Niño WATCH in place. This means there is a 50% chance an El Niño may develop later in 2023. El Niño events increase the chance of below average rainfall in Vanuatu.

*El Niño Saoten Osileisen hemi stap long NUTREL. Be aotluk istap long El Niño WAJ. Hemia l minim se inogat wan aktiv El Niño o La Niña naia, be igat 50% janis blong wan El Niño l fom tuwods en blong 2023. Long Vanuatu, El Niño hemi inkrisim janis blong yumi kasem bilou nomol renfol truaot long kaontri.*

## Volcanic Alert Level Summary as of 27th April 2023



### Volcanic Alert Level Summary

Table showing the latest Volcanic Alert Level **1**. The most active volcanoes are shown first. Volcanic Alert Bulletins **1** are issued whenever there is a significant change in volcanic activity in Vanuatu.

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

[Latest Volcanic Alert Bulletin](#)

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 more info. Visit: <https://www.vmgd.gov.vu/vmgd/index.php/geohazards/volcano>

## Tide Outlook for May 2023

Port Vila Harbour						Luganville Harbour					
Highest Tide	Date	Time	Lowest Tide	Date	Time	Highest Tide	Date	Time	Lowest Tide	Date	Time
1.46m	18 May	4:20am	0.19m	20 May	12:23pm	1.68m	19 May	4:06am	0.22m	7 May	12:00pm

## Moon Phases for May 2023

Fes Kwata	Ful Moon	Las Kwata	Niu Moon
28 May	6 May	13 May	20 May

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## Climate Smart Recommendations for Tourism Sector

		Recommended Actions		
		Tourism Operators	Tourists	
C l i m a t e  V a r i a b l e	R a i n f a l l	Below normal	<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>
		Above normal	<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>
	T e m p e r a t u r e	Above normal	<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	Above normal	<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>

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