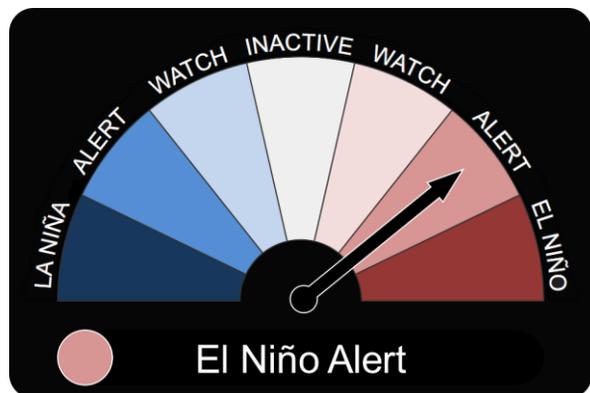


August Climate Bulletin for Tourism

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.



El Niño–Southern Oscillation (ENSO)

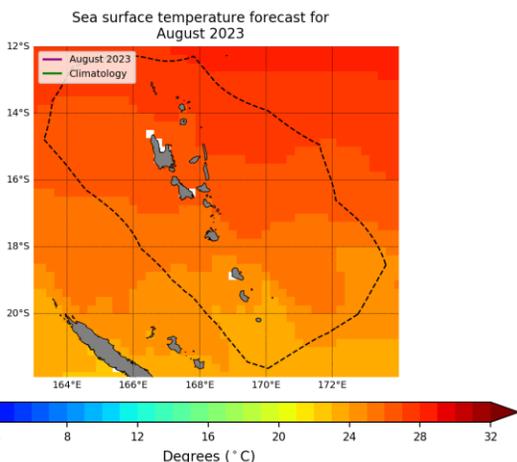
ENSO status is neutral with an El Niño ALERT in place. This means there is a high chance of an El Niño occurring this year. El Niño events typically increase the chance of below average rainfall in Vanuatu.

El Niño Saoten Osileisen hemi stap long NUTREL. Be aotluk istap long El Niño ALET. Hemia I minim se igat hae Janis blong wan El Niño I fom long yia ia. Long Vanuatu, El Niño hemi inkrisim janis blong bilou nomol renfol.

Sea Surface Temperature Forecast

Sea surface temperatures are expected to be above 24°C for most of the country, and up to 28°C in northern islands.

Tempreja blong solwora bae save hae bitim 24°C ova long kaontri, mo I save hae kasem 28°C long ol noten aelans.

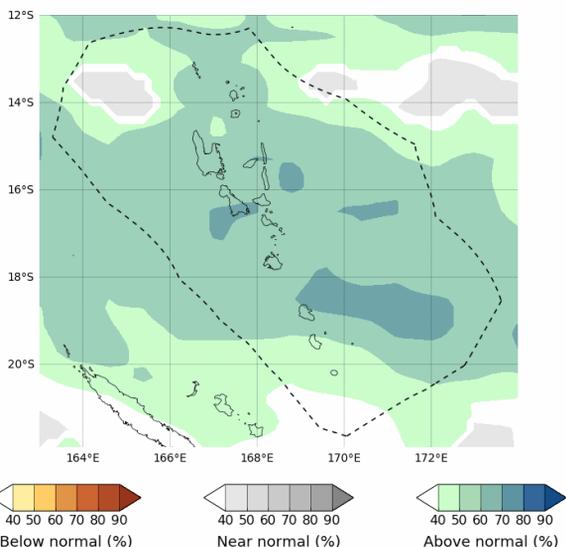


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Model: ACCESS-S2
Base Period: 1981-2018

Model Run: 15/06/2023
Issued: 19/06/2023

Tercile rainfall probabilities for August 2023



Base period: 1981-2018

Model: ACCESS-S2

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Shapfile data extracted from Flanders Marine Institute (2019), Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (200NM), version 11. Available online at <http://www.maritimergions.org>

Model run: 29/07/2023

issued: Map not issued

Rainfall Outlook

Rainfall favors above normal for most of the country this month. Rainfall is likely to be above normal for Tanna and Aneityum.

Igat hae Janis blong renfol bae hemi abav nomol long kaontri long manis ia. Igat sam possibility blong renfol bae hemi abav nomol tu long Tanna mo Aneityum.

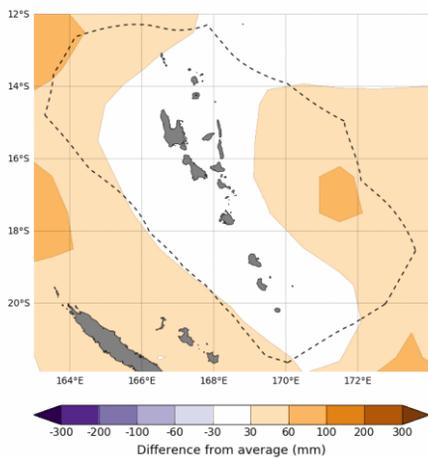
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Difference from average sea surface height forecast for August 2023



Base period: 1981-2018
 Model: ACCESS-S2
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 (Shapefile data extracted from Flinders Marine Institute (2019), Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (200NM), version 11. Available online at <http://www.marine.gov.au>)
 Model run: 24/07/2023
 Issued: 26/07/2023

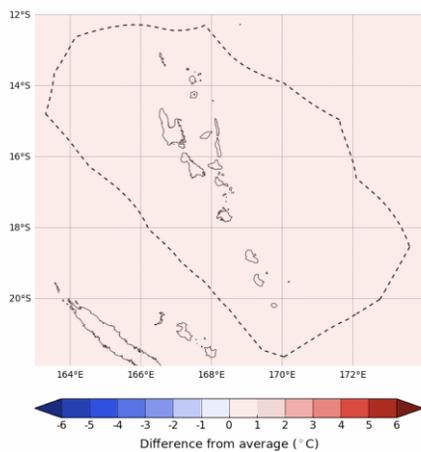
Sea Level Forecast

Sea level is forecasted to be within 3cm of the average sea surface height this month.

Level blong solwota hemi stap long average long manis ia, wetem wan diffrens blong 3cm.

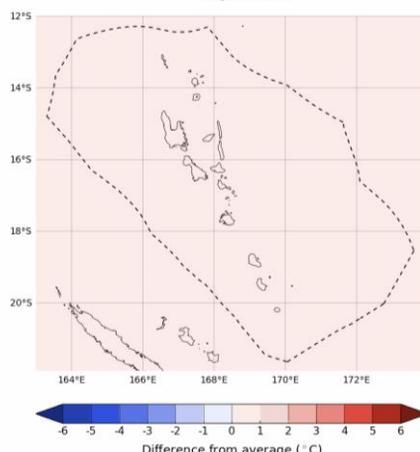
Maximum and Minimum Temperature Outlook

Difference from average mean maximum temperature forecast for August 2023



Base period: 1981-2018
 Model: ACCESS-S2
 © Commonwealth of Australia 2023, Australian Bureau of Meteorology
 (Shapefile data extracted from Flinders Marine Institute (2019), Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (200NM), version 11. Available online at <http://www.marine.gov.au>)
 Model run: 24/07/2023
 Issued: 27/07/2023

Difference from average mean minimum temperature forecast for August 2023



Base period: 1981-2018
 Model: ACCESS-S2
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 (Shapefile data extracted from Flinders Marine Institute (2019), Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (200NM), version 11. Available online at <http://www.marine.gov.au>)
 Model run: 24/07/2023
 Issued: 27/07/2023

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

Tremreja blong dei bae save wom lelebet bitim nomol ova long kaontri wetem wan difrens blong 0-1oC.
 Tremreja blong naet bae save wom lelebet bitimnomol ova long kaontri wetem wan difrens blong 0-1oC.

Tide Outlook for August

Port Vila Harbour

Lowest Tide	Date	Time (VUT)	Highest Tide	Date	Time (VUT)
0.05m	2 Aug	12:13pm	1.55m	31 Aug	5:09am

Luganville Harbour

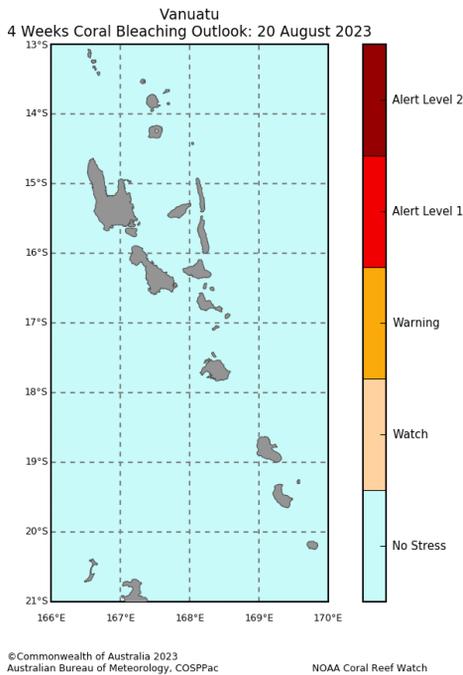
Lowest Tide	Date	Time (VUT)	Highest Tide	Date	Time (VUT)
0.05m	2 Aug	11:27am	1.90m	31 Aug	4:25am

Moon Phases for August

Fes Kwata	Ful Moon	Las Kwata	Niu Moon
24 August	2 August	8 August	16 August

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Coral Bleaching Outlook

A No Stress outlook is forecasted for all islands this month.

Aotluk I soem se bae inogat stress long ol korel long June.

Volcanic Alert Level



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
Suretatai (Vanua Lava)	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 August 2023

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

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

For more info, contact us:

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