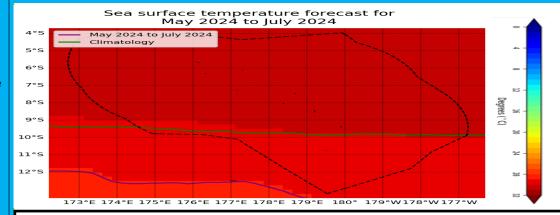


Tuvalu Ocean Outlook

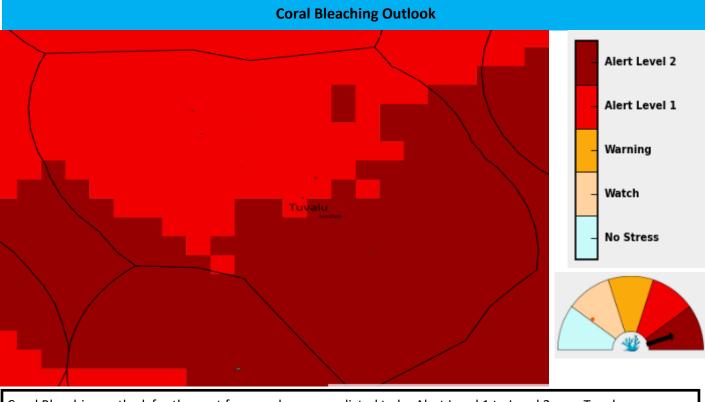


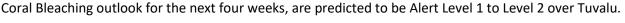
Tuvalu Meteorological Service	lssue: 26	Summary	April 2024	
Member of WMO <u>Contacts:</u> General: 20736 Email: tuvmet@gmail.com Website: www.tuvmet.tv	 Above normal SST 's conditions in the next 3 months over Tuvalu open waters. The Fisheries Convergence Zone (FCZ) is expected to lies moving at Southern part of Tuvalu EEZ in the next three months. Coral Beaching Outlook predicts Alert Level 1 to Alert Level 2 for Tuvalu. Near Normal SSH's in the next three months over Northern and Central group, except Southern group are predicted to be below normal . 			
Issue Outline:	Sea Surface Temperature Forecast Anomaly			
Ocean Summary Ocean Temperature	Difference from average sea surface temperature forecast for May to July 2024			
• Fisheries Conver- gence Zone	4*5 5*5		.0 3.0 2.0	
Coral BleachingSea Level Forecast	6*5 Na	Nanumea anumanga ^{Nuitao} Niu [°] Vaitupu	1.2 0.8 0.4 0.4 0.8 1.2 Difference from average (°C	
	8*5 ***********************************	Nukufetau Funafuti Nukulaelae	m average (
<u>Climate Status:</u> ENSO Update	10*5 11*5 12*5	Nuilakita	······································	
El Niño	May to July, ocean temperatures around Tuvalu are predicted to be 0.8 to 1.2°C above nor- mal. But near normal for the South-West parts of Tuvalu EEZ			
Contributors: • Pacific Ocean Portal oceanportal.spc.int	Sea Surface	e temperature forecast with Fisheri	es Convergence Zone	

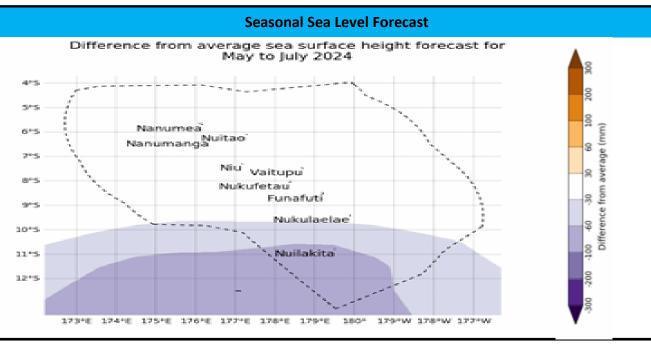


The Fisheries Convergence Zone (FCZ) is currently located at the Southern part of its climatology position, and it is predicted to move further from the Southern part to Central part of Tuvalu in the next three months, from May to July 2024. Fisheries Convergence Zone is where cold and warm water meet, and are rich in nutrients, attracting lots of fish. Also refer on salinity front that surround the western pacific warm pool.

- Bureau of Meteorology-ENSO Wrap-up: http://www.bom.gov.au/ climate/enso/
- WMO GPSC(Global Produce Center) for Long-Range Forecasts
- ACCESS-S Clide access-s.clide.cloud







May to July, sea levels around Tuvalu are predicted to be -30mm to 30mm near normal, except Niulakita are predicted to be below normal.

Highest and Lowest Tide from May to July 2024

		Tide Lev-
Date	Time(LT)	el(m)
08/05/2024	04:45	3.14
08/05/2024	11:06	1.12
09/06/24	05:08	3.23
08/06/24	22:58	1.07
23/07/24	06:05	3.03
23/07/24	12:30	1.06

The highest (spring tide) and lowest tides of the month during **May to July 2024** are listed in the table on the left.

The predicted tide levels may be different from the observed tide levels due to weather phenomenon such as low/high pressure systems; South Pacific Convergence Zone (SPCZ); El Nino Southern Oscillation (ENSO) - El Nino/La Nina.

Based on the ENSO updated for this month April 2024, El Niño near its end and it will be expected to returns into neutral phase during coming months. Whereas, Coastal areas communities strongly advise to practices cautions at all times.