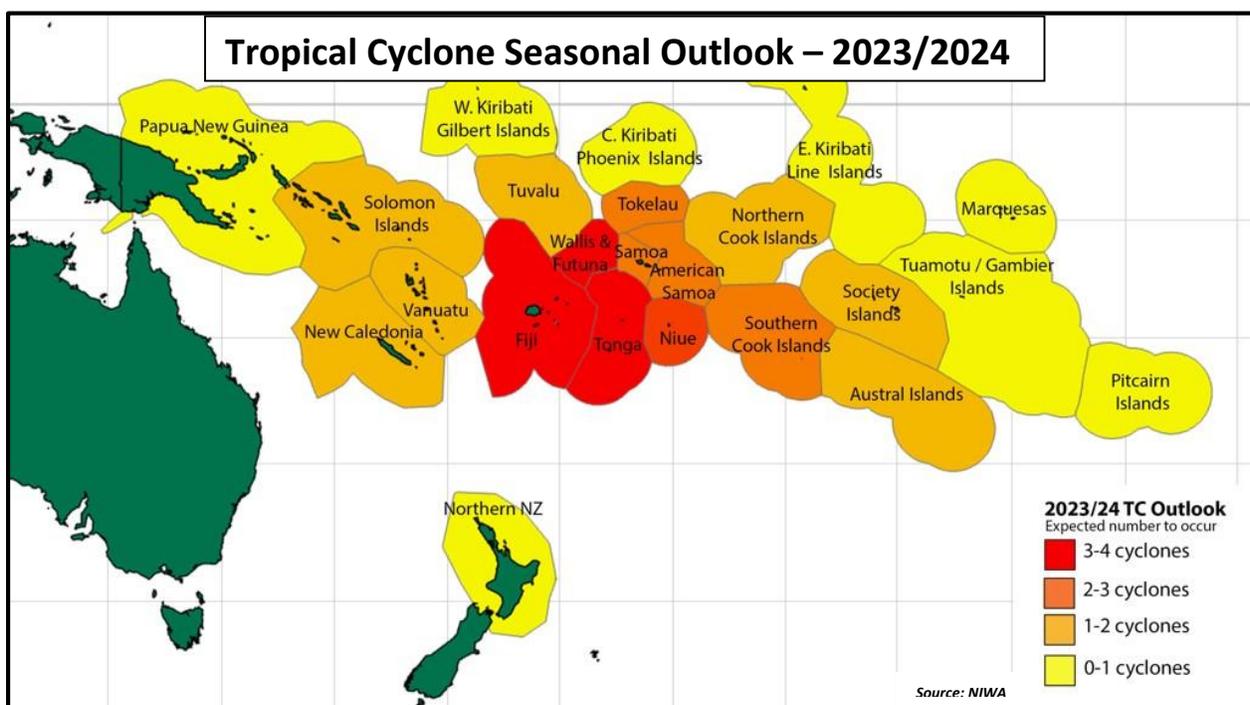


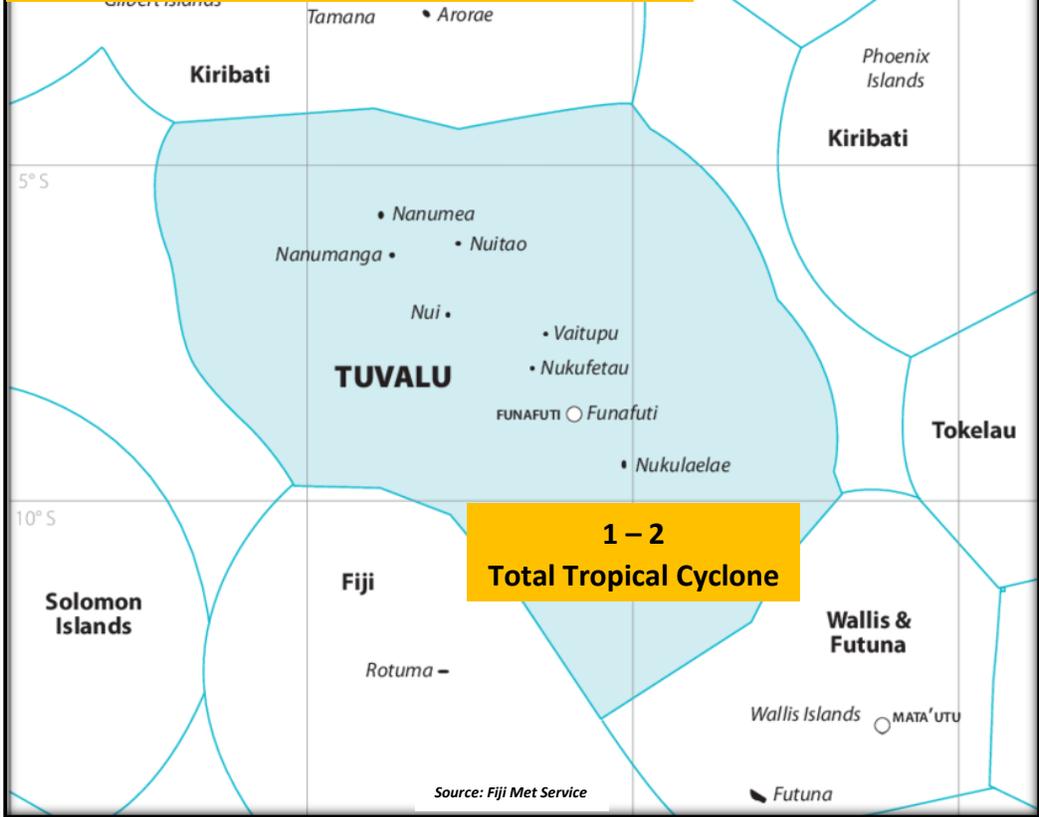
Tuvalu Tropical Cyclone Season Outlook 2023 - 2024

Key Messages:

1. El Niño is expected to continue through at least March 2024, peaking in December 2023 or January 2024, likely as a strong event.
2. Because of differences in the ocean-atmosphere system, climatic and oceanic impacts from the 2023-24 El Niño event are unlikely to match those of the 2015-16 and 1997-98 very strong El Niño events.
3. Above normal rainfall is indicated along the equator, including Tuvalu.
4. Warmer than average sea surface temperatures are favoured in most of the region, including Tuvalu.
5. Slightly higher than normal sea levels are predicted near the equator; this may lead to a risk for coastal inundation, particularly during the highest tides.
6. Ocean heat stress is the major factor causing coral bleaching in Tuvalu, other localised environmental stressors could also lead to coral bleaching.
7. One to two tropical cyclones (TCs) are likely to pass through Tuvalu's Exclusive Economic Zone during Tropical Cyclone season from November 2023 to April 2024.
8. Of these total one to two tropical cyclone, zero to one TCs are likely to reach severe Category (TC Category 3), that sustained wind speed reaches > 63 knots.
9. It does not take a direct hit or a severe TC to cause considerable damage or life-threatening weather.
10. Tropical disturbances or depressions that do not attain TC intensity can also cause strong winds/gusts, heavy swells, widespread rainfall and floodings.
11. Coastal inundation can occur from a distant, weak, former TC or from convective cloud trails from distant TCs.
12. All communities should remain alert, monitor tide prediction be prepared throughout the Tropical Cyclone season, and take heed of all advisories and forecast information provided by Tuvalu Met Service.



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