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Tuvalu Tropical Cyclone Season Outlook 2026 – 2027

Season: November 2026 – April 2027

Key Messages:

1. El Nino is currently strengthening and is likely to reach strong to very strong levels through January and March 2027. The event may become the strongest El Niño recorded since 1950 and is expected to persist until at least March–May 2027.
2. A strong El Niño is expected to influence weather and climate patterns across the country, resulting in varying impacts in different parts of Tuvalu.
3. The seasonal rainfall outlook for November 2026 to April 2027 suggests an El Niño-like rainfall pattern across the Pacific, with above-normal rainfall expected in the northern and central groups of Tuvalu and below-normal rainfall likely in the southern group.
4. Above normal air temperatures are favoured across Tuvalu.
5. Above normal Sea Surface Temperatures (SST) are forecast for the northern and central groups of Tuvalu during November 2026 to January 2027, while near normal sea surface temperatures are expected in the southern group throughout the forecast period.
6. Above-normal Sea Level Height (SLH) is forecast for Tuvalu, particularly across the northern and central island groups, while below-normal SLH is expected in the southern group. Increased reef exposure during low tides is likely in areas experiencing lower sea levels, with the strongest below-normal SLH predictions expected in early 2027.
7. A moderate marine heatwave is expected to affect Tuvalu from November 2026 to January 2027.
8. The Fisheries Convergence Zone (FCZ) is predicted to lie both outside and near the northern and southern boundaries of Tuvalu's Exclusive Economic Zone (EEZ) between November 2026 and March 2027.
9. Normal to below-normal tropical cyclone activity is expected across Tuvalu from November 2026 to April 2027. Zero to one named tropical cyclone is forecast to occur within Tuvalu's Exclusive Economic Zone (EEZ), with severe tropical cyclone activity considered unlikely during this period.
10. Tropical disturbances and depressions that do not attain Tropical Cyclone intensity, known as unnamed Tropical Cyclone system can also cause strong and gusty winds, heavy swells, widespread rainfall, coastal inundation and flooding in low-lying and coastal areas.

TROPICAL CYCLONE OUTLOOK NOVEMBER 2026 TO APRIL 2027

