



CLIMATE SUMMARY

Tuvalu Meteorological Services, Minister of Public Work, Infrastructures, Development and Water
November 2024



WEATHER PATTERNS

During November, the location of the South Pacific Convergence Zone (SPCZ) fluctuates between Tuvalu and Fiji. Weather phenomena associated with the SPCZ, such as troughs, lingered across the southern part of Tuvalu during the first and second weeks of November. These transient troughs brought precipitation bands to the area, resulting in Niulakita receiving the highest monthly rainfall of 389.2 mm.

TABLE 1: MONTHLY RAINFALL FROM SEPTEMBER TO NOVEMBER 2024

Station (include data period)	Sep-2024	Oct-2024	Nov-2024				Rank
	Total (mm)	Total (mm)	Total (mm)	33%tile	67%tile	Median	
			Rainfall (mm)				
Nanumea (1941-2024)	329.4	103.8	49.6	90.1	206.5	148.3	12/84
Nui (1946-2024)	309.8	87.0	210.8	191.6	269.2	227.1	33/78
Funafuti (1933-2024)	356.0	285.6	216.7	201.7	311.0	244.2	35/92
Niulakita (1953-2024)	390.5	215.6	389.2	212.4	315.4	277.0	57/70



TABLE 2: TOTAL RAINFALL FROM SEPTEMBER TO NOVEMBER,

Station	Three-month Total	33%tile	67%tile	Median	Rank
	Rainfall (mm)				
Nanumea (1941-2024)	482.8	Normal	291.7	637.5	44/82
Nui (1946-2024)	607.6	Normal	492.0	792.6	39/78
Funafuti (1933-2024)	858.3	Above normal	633.5	854.5	62/92
Niulakita (1953-2024)	995.3	Above normal	612.7	857.3	60/70

MONTHLY RAINFALL / LAST THREE MONTHS NOVEMBER & SEPTEMBER TO NOVEMBER 2024 STATEMENT

The rainfall for November was below normal over Nanumea and near normal at Nui and Funafuti. Above normal rainfall in Niulakita.

For the past three months, rainfall was near-normal over Nanumea and Nui stations, while above normal rainfall at Funafuti and Niulakita.

Contact Tuvalu Meteorological Service for further information:

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