



CLIMATE SUMMARY

May 2025



WEATHER PATTERNS

Weather is a mix of pattern and chaos. During the first three weeks of May, Tuvalu experienced precipitation derived from passing troughs over Tuvalu. However, Funafuti recorded the highest total rainfall of 221.9mm. Nevertheless, there was an active convergence zone over south of Tuvalu during the last week of May that triggered strong southeast wind flow, enabling Tuvalu Meteorological Service (TMS) to issue a strong wind warning for the Southern waters of Tuvalu.

TABLE 1: MONTHLY RAINFALL FROM MARCH TO MAY 2025

Station (include data period)	Mar-2025	Apr-2025	May-2025				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Nanumea (1941-2025)	135.2	226.4	218.9	131.0	256.8	200.9	49/85
Nui (1946-2025)	121.8	264.7	167.5	151.1	218.1	186.6	34/79
Funafuti (1933-2025)	203.1	299.3	221.9	197.8	262.9	230.5	47/97
Niulakita (1953-2025)	206.3	180.7	126.0	170.0	249.0	207.5	16/73



Below Normal



Normal



Above Normal

TABLE 2: TOTAL RAINFALL FROM MARCH TO MAY 2025

Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Nanumea (1941-2025)	580.5	Normal	550.2	884.6	775.0	31/83
Nui (1946-2025)	554.0	Below normal	577.8	856.7	719.0	24/79
Funafuti (1933-2025)	724.3	Normal	691.5	915.6	792.0	37/93
Niulakita (1953-2025)	513.0	Below normal	677.5	912.0	822.9	9/73

MONTHLY RAINFALL / LAST THREE MONTHS MAY AND MARCH TO MAY 2025 STATEMENT

The rainfall for May was near normal over Nanumea, Nui and Funafuti, while below normal at Niulakita. For the past three months, rainfall was near normal over Nanumea and Funafuti and below normal at Nui and Niulakita. Niulakita recorded its ninth driest March to May 2025 on record.

Contact Tuvalu Meteorological Service for further information:

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