



CLIMATE SUMMARY

Tuvalu Meteorological Services, Minister of Public Work, Infrastructures, Development and Water
March 2026



WEATHER PATTERNS

During March 2026, Tuvalu experienced warmer temperature and more rainfall compared to February. There were no strong wind warnings issued throughout this March. But according to the analysis of weather event of this month, there were troughs of low pressure and slight to moderate easterly wind flow that been affecting the weather pattern of this month. The trough of low pressure constantly slowly moving over the group, but due to the light easterly wind flow which the wind shear over the group was favorable. Resulting to the high chance of cloud development and increase of rainfall mainly towards the northern group and recorded the highest rainfall of 445.2mm.

TABLE 1: MONTHLY RAINFALL FROM JANUARY TO MARCH 2026

Station (include data period)	Jan-2026	Feb-2026	Mar-2026				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Nanumea (1941-2026)	454.3	166.1	445.2	160.6	316.0	246.8	63/84
Nui (1946-2026)	296.0	256.7	202.8	218.8	339.3	257.4	66/81
Funafuti (1933-2026)	358.2	360.3	402.0	249.8	359.5	312.5	30/94
Niulakita (1953-2026)	456.7	210.1	231.6	247.0	368.4	287.0	28/84



TABLE 2: TOTAL RAINFALL FROM JANUARY TO MARCH 2026

Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Nanumea (1941-2026)	1065.6	Normal	676.0	1119.3	939.3	53/84
Nui (1946-2026)	755.5	Normal	743.0	1078.0	955.8	27/81
Funafuti (1933-2026)	1120.5	Normal	938.5	1179.4	1068.4	94/94
Niulakita (1953-2026)	898.4	Below normal	947.6	1166.3	1067.3	23/73

MONTHLY RAINFALL / LAST THREE MONTHS MARCH 2026 & JUARY TO MARCH 2026 STATEMENT

The rainfall for March was below normal over Nui and Niulakita, while above normal rainfall at Nanumea and Funafuti. For the past three months, rainfall was normal over Nanumea, Nui and Funafuti. Below normal rainfall was observed at Niulakita.

Contact Tuvalu Meteorological Service for further information:

Ministry of Public Work, Infrastructure, Development and Water, Vaiaku, Funafuti, Tuvalu. Email: tauala.k@gmail.com, tuvalumet@gmail.com, tuvalumet@gov.tv

website: tuvmet.tv, Facebook:<Tuvalu Meteorological Service>