



# CLIMATE SUMMARY

July 2025



## WEATHER PATTERNS

During July, southeast trade winds tend to be stronger, therefore Tuvalu Meteorological Service issued two Strong wind warnings at the beginning of the month. The South Pacific Convergence Zone (SPCZ) which is one of the sub climate driver lies further south of Tuvalu. This could have led to a fewer troughs to passed over our area of responsibility during that period. Therefore, fewer troughs could have led all the stations to experience less total rainfall compared to the previous month. Based on observations from all stations, Nanumea recorded the highest total amount of rainfall, totaling 266.1 mm.

**TABLE 1: MONTHLY RAINFALL FROM MAY TO JULY 2025**

Station (include data period)	May-2025	Jun-2025	Jul-2025				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Nanumea (1941-2025)	218.9	305.4	266.1	121.4	218.8	155.4	64/84
Nui (1946-2025)	167.5	284.7	241.0	159.7	230.2	197.9	57/80
Funafuti (1933-2025)	221.9	428.3	248.2	191.4	273.9	222.6	52/93
Niulakita (1953-2025)	126.0	337.8	200.2	161.1	257.0	200.5	37/73



Below Normal



Normal



Above Normal

**TABLE 2: TOTAL RAINFALL FROM MAY TO JULY 2025**

Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Nanumea (1941-2025)	790.4	Above normal	443.5	711.8	559.9	67/84
Nui (1946-2025)	693.2	Normal	502.3	707.9	578.3	53/80
Funafuti (1933-2025)	898.4	Above normal	618.2	749.7	696.1	75/93
Niulakita (1953-2025)	664.0	Normal	543.3	778.7	631.2	39/73

## MONTHLY RAINFALL / LAST THREE MONTHS JULY AND MAY TO JULY 2025 STATEMENT

The rainfall for July was above normal over Nanumea and Nui while near normal at Funafuti and Niulakita. For the past three months, rainfall was above normal over Nanumea and Funafuti. Near normal at Nui and Niulakita.

Contact Tuvalu Meteorological Service for further information:

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