CLIMATE SUMMARY

April 2024

WEATHER PATTERNS

April is the last month for the wet or cyclone season from 2023 to 2024 and the transition period to the dry season for this time. The South Pacific Convergence Zone (SPCZ) which is one of the sub-climate drivers that triggered most rainfall activities over Tuvalu for previous months is now shifting southward away from the Tuvalu group. The most significant weather throughout April along the Tuvalu group is the Easterly trade winds and some passing troughs that brought some rainfall to the group. Therefore, according to outstation observations, Nanumea recorded the highest total rainfall of the month about 265.2 mm.

TABLE 1: MONTHLY RAINFALL FROM FEBRUARY TO APRIL 2024

Station (include data period)	Feb-2024	Mar-2024	Apr-2024				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Nanumea (1941-2024)	532.6	373.8	265.2	197.1	270.3	227.0	54/83
Nui (1946-2024)	594.4	391.5	224.4	151.4	271.0	200.1	43/79
Funafuti (1933-2024)	337.0	249.8	226.1	188.0	310.5	238.2	41/92
Niulakita (1953-2024)	372.5	252.4	234.6	167.8	265.9	213.4	43/72





TABLE 2: TOTAL RAINFALL FROM FEBRUARY TO APRIL, 2024

Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Nanumea (1941-2024)	1171.6	Above normal	635.4	997.0	810.2	70/82
Nui (1946-2024)	1210.3	Above normal	695.2	980.0	813.2	65/79
Funafuti (1933-2024)	812.9	Below normal	821.4	1050.7	941.4	30/92
Niulakita (1953-2024)	859.5	Normal	794.7	1014.3	924.0	27/72



MONTHLY RAINFALL / LAST THREE MONTHS FEBRUARY TO APRIL 2024 STATEMENT

The rainfall for April was near-normal across Tuvalu.

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

Contact Tuvalu Meteorological Service for further information:

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