



CLIMATE SUMMARY

TUVALU METEOROLOGICAL SERVICES
MINISTRY OF PUBLIC WORKS, INFRASTRUCTURE, ENVIRONMENT, LABOUR, METEOROLOGICAL AND DISASTER .

April 2022



WEATHER PATTERNS

The group was mostly wet at the beginning of the month from a trough of low pressure associated with a shower band that developed East of Tuvalu, and moved slowly over the islands.

On the 19th and 20th, another trough of low pressure prevailed over the group, where heavy rain was observed and reported by all stations. On the 30th, rain of 38.4mm was reported by Niulakita, due to a shower band that developed

north of the South Pacific Convergence Zone (SPCZ), and affected mostly the Southern atolls including Funafuti. The SPCZ extended from PNG to Vanuatu, Fiji to Southern Cooks. It will continue to linger South of Tuvalu in the coming month.

TABLE 1: MONTHLY RAINFALL FROM FEBRUARY TO APRIL 2022

Station	FEBRUARY			MARCH			APRIL		
	No. of rain days	Total Rainfall (mm)	Monthly Normal—SCOPIE (mm)	No. of rain days	Total Rainfall (mm)	Monthly Normal—SCOPIE (mm)	No. of rain days	Total Rainfall (mm)	Monthly Normal—SCOPIE (mm)
Nanumea	16	93.9	166.3—336.4	10	13.5	175.8—315.9	22	84.5	194.7—271.4
Nui	11	151.7	225.1—356.4	17	218.8	215.1—339.7	19	125.7	152.9—269.1
Funafuti	18	220.8	259.0—427.3	28	388.3	254.1—361.2	17	65.5	190.3—317.0
Niulakita	18	185.6	268.8—395.8	27	368.4	253.3—391.8	25	166.9	260.2—218.4

TABLE 2: RAINFALL FROM FEBRUARY TO APRIL 2022

Stations	Actual Rainfall (mm) for February 2022 to April 2022	Normal Rainfall SCOPIE (mm) February 2022—April 2022	Rainfall in the last three months (Below Normal, Normal or Above Normal)
Nanumea	191.9	689.4—1112.8	Below Normal
Nui	496.2	828.7—1093.5	Below Normal
Funafuti	674.6	939.7—1167.5	Below Normal
Niulakita	720.9	952.1—1171.9	Below Normal



Below Normal



Normal



Above Normal

For more information, contact; Chief Meteorological Officer, Tuvalu Meteorological Services, Ministry of Public Works, Infrastructure, Environment, Labour, Meteorology and Disaster (MPWIELMD), Vaiaku, Funafuti, Tuvalu.

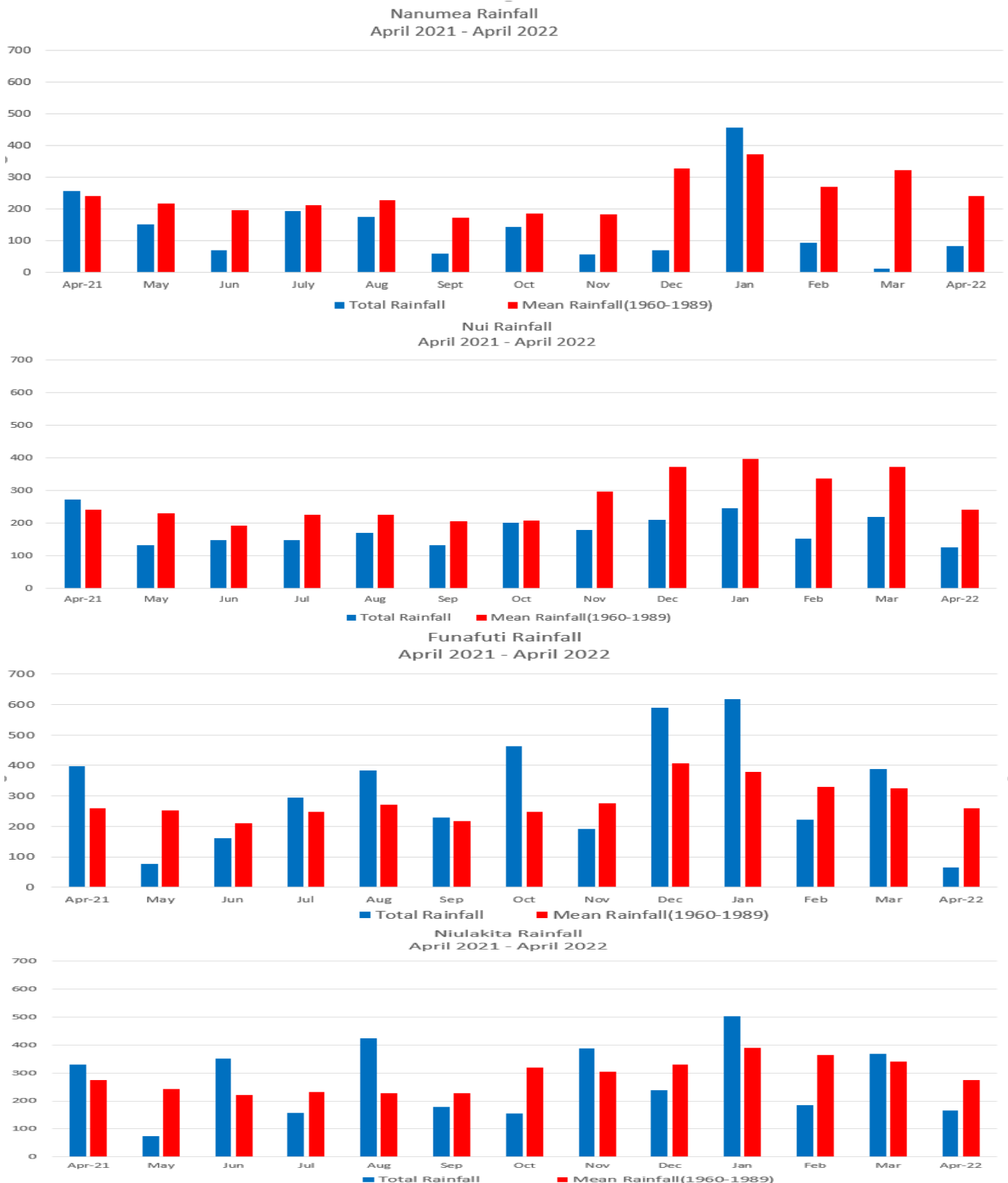
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RAINFALL IN THE LAST THREE MONTHS

For the last three month February to March 2022, **Below Normal** rainfall observed at all meteorological stations in Table 2.

Reports obtained from all stations in (Table 1 for details) during April 2022, **Below normal** rainfall was observed at all meteorological stations.

Specifically for April 2022, highest single day recording was 43.6mm at Nui, followed by Niulakita with a 38.9mm, then Nanumea 19.4mm, and Funafuti recorded the least amount of 10.5mm.



For more information, contact; Chief Meteorological Officer, Tuvalu Meteorological Services, Ministry of Public Works, Infrastructure, Environment, Labour, Meteorology and Disaster (MPWIELMD), Vaiaku, Funafuti, Tuvalu.

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