



CLIMATE OUTLOOK

TUVALU METEOROLOGICAL SERVICES

MINISTRY OF PUBLIC WORKS, INFRASTRUCTURE, ENVIRONMENT, LABOUR,
METEOROLOGY AND DISASTER



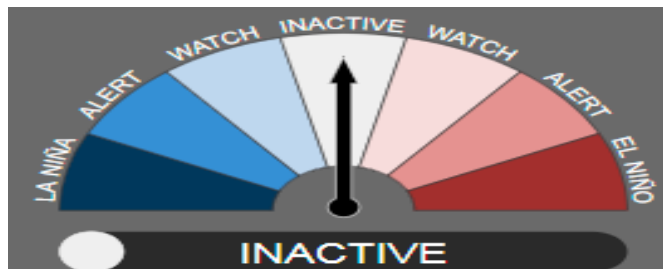
August 2021

EL NINO SOUTHERN OSCILLATION (ENSO) UPDATES

The ENSO Outlook remains neutral—neither El Nino nor La Nina, which remain the ENSO outlook at INACTIVE.

Most of the climate models indicate the Tropical Pacific is currently in neutral phase.

Atmospheric and oceanic indicators of ENSO including the Southern Oscillation Index (SOI), trade winds, cloudiness near the date line, and sea surface and sub-surface temperatures in the Tropical Pacific Ocean remain consistent with a neutral ENSO state.



RAINFALL OUTLOOK

The Seasonal Climate Outlooks in Pacific Island Countries (SCOPIC) and other dynamical prediction tools used to monitor and forecast rainfall for the country.

The outlook for the season September to November 2021 for Nanumea, Nui and Funafuti shows a near-equal likelihood of **normal** to **below normal** rainfall, while Niulakita shows a near-equal likelihood of **above normal** to **normal** rainfall. (Table 1).

Model prediction for rainfall are as follows

Nanumea : Shows near-equal likelihood of **normal** to **below normal** rainfall.

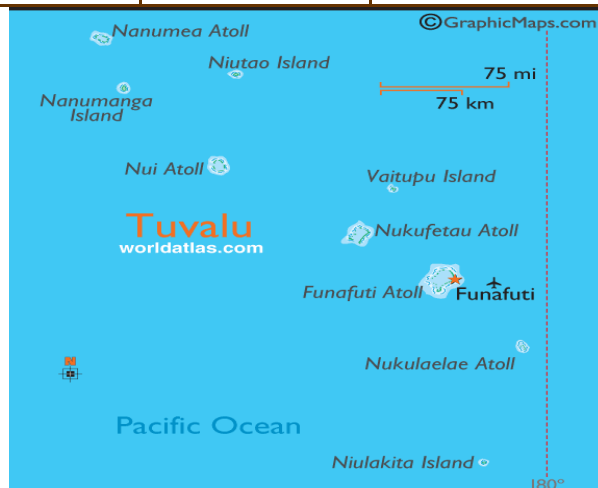
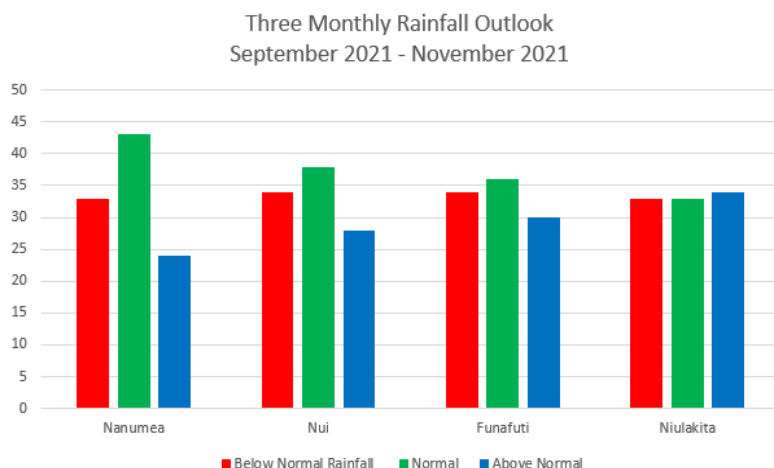
Nui : Shows near-equal likelihood of **normal** to **below normal** rainfall.

Funafuti : Shows near-equal likelihood of **normal** to **below normal** rainfall.

Niulakita : Shows near-equal likelihood of **above normal** to **normal** rainfall.

TABLE 1: THE NEXT THREE MONTHS: SEPTEMBER 2021 - NOVEMBER 2021 RAINFALL

Stations	Below Normal	33%	Normal	67%	Above Normal
	(%)	(mm)	(%)	(mm)	(%)
Nanumea	33	325.1	43	559.0	24
Nui	34	490.1	38	730.5	28
Funafuti	34	632.2	36	843.2	30
Niulakita	33	616.0	33	824.8	34



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