

Rainfall outlook for September – November 2018

Below normal rainfall for New Caledonia, northern Vanuatu, Tuvalu, Tokelau, the northern Cook Islands and the Marquesas.

Normal or below normal rainfall for the northern Marianas Islands, Palau, Papua New Guinea, Southern Vanuatu, Fiji, Wallis and Futuna, Samoa, the Society Islands and the Tuamotu archipelago.

Near normal rainfall for Nauru, western Kiribati (Gilbert Islands), central Kiribati (Phoenix islands) and American Samoa.

Normal or above normal rainfall for Guam, the Federated States of Micronesia, the Marshall Islands, Tonga, Niue, eastern Kiribati (Line Islands), the Austral Islands, the southern Cook Islands and Pitcairn

Above normal rainfall for the Solomon Islands.

Forecast

Rainfall outlook table for September – November 2018

ISLAND	PROBABILITY (%)			OUTLOOK	CONFIDENCE
	Below	Normal	Above		
Solomon Islands	20	30	50	ABOVE	High
Marshall Islands	20	40	40	AVG - ABOVE	High
Niue	25	35	40	AVG - ABOVE	High
Austral Islands	25	35	40	AVG - ABOVE	Moderate
FSM	25	35	40	AVG - ABOVE	Moderate-High
Cook Islands (Southern)	25	40	35	AVG - ABOVE	Moderate-High
Pitcairn Island	25	40	35	AVG - ABOVE	Moderate
Guam	25	40	35	AVG - ABOVE	High
Tonga	25	40	35	AVG - ABOVE	Moderate
Kiribati (Eastern)	25	40	35	AVG - ABOVE	Moderate
Kiribati (Western)	30	40	30	NEAR NORMAL	Moderate
Nauru	30	40	30	NEAR NORMAL	Moderate
American Samoa	30	40	30	NEAR NORMAL	Moderate
Central Kiribati (Phoenix)	30	40	30	NEAR NORMAL	Moderate
Fiji	35	40	25	AVG - BELOW	Moderate
N. Marianas	40	35	25	AVG - BELOW	Moderate-High
Palau	40	35	25	AVG - BELOW	Moderate
Papua New Guinea	40	35	25	AVG - BELOW	Moderate
Vanuatu (South)	40	35	25	AVG - BELOW	Moderate-High
Samoa	40	35	25	AVG - BELOW	High
Society Islands	40	35	25	AVG - BELOW	Moderate-High
Wallis & Futuna	40	35	25	AVG - BELOW	Moderate
Tuamotu Islands	40	35	25	AVG - BELOW	Moderate-High
Cook Islands (Northern)	55	35	20	BELOW	High
Marquesas	45	35	20	BELOW	Moderate-High
Tuvalu	45	35	20	BELOW	Moderate-High
Tokelau	45	35	20	BELOW	Moderate-High
Vanuatu (North)	50	30	20	BELOW	High
New Caledonia	60	30	10	BELOW	High

Note: Rainfall estimates for Pacific Islands for the next three months are given in terms of tercile probabilities (e.g. 20:30:50). These are derived from the averages of several global climate models. They correspond to the odds of the observed rainfall being in the lowest one third of the distribution, the middle one third, or the highest one third of the distribution. For the long term average, it is equally likely (33% chance) that conditions in any of the three terciles will occur. *If conditions are climatology, we expect an equal chance of the rainfall being in any tercile.

The Island Climate Update bulletin is currently being produced by NIWA in association with the Pacific Island Meteorological Services and other supporting meteorological organisations.

The Island Climate Update is prepared as soon as possible following the end of the month, once the data and information are received from the Pacific Island meteorological services. Delays in data collection and communication occasionally arise. While every effort is made to verify observational data, NIWA does not guarantee the accuracy and reliability of the analysis and forecast information presented, and accepts no liability for any losses incurred through the use of this advisory and its contents.

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