

Early Action Rainfall Watch (EAR Watch)

The Early Action Rainfall Watch provides the Fiji National Disaster Management Office and the Disaster Management Actors with a brief summary of recent rainfall patterns and the rainfall outlook for the coming months.

Rainfall Status until August 2025:

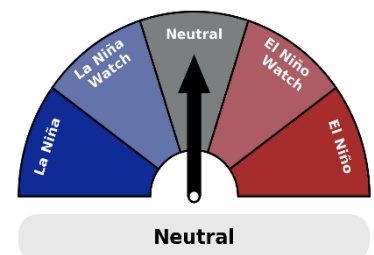
Issued: 11/09/2025

- On 3-month timescale, **Very Wet** conditions exist in parts of northern Viti Levu, Sigatoka, Vatulele, Kadavu, Lakeba and parts of southern Lau Group, while there are **No Extreme** alert in place for the rest of the Fiji Group.
- For the 6-month timescale, **Very Wet** conditions exist in Ono-i-Lau, **Very Dry** conditions exist in parts of Bua, while there are **No Extreme** alert in place for the rest of the country.
- On 12-month timescale, **Seriously Wet** conditions exist in Matuku and Ono-i-Lau, **Very Wet** conditions exist in parts of southern Kadavu, parts of Lomaiviti Group, Moala, Totoya, and parts of Lau Group, **Very Dry** conditions exist in Rotuma, while there is **No Extreme** alert in place for the rest of the Fiji Group.

Rainfall Outlook:

- For **13th to 26th September**, there is a medium (30-40%) chance of **Very Wet** conditions in Rotuma. **No Extreme** alert is in place for the rest of the Fiji Group.
- During **September**, there is a high (50-60%) chance of **Very Wet** conditions in Rotuma, a medium (30-40%) chance of **Very Wet** conditions in some parts of the Central Division, Rakiraki, Tavua, Nacocolevu, Viwa, Yasawa-i-rara, across Bua and Lomaiviti Group. **No Extreme** alert is in place for the rest of the Fiji Group.
- For **September to November 2025**, there is a medium (40-50%) chance of **Very Wet** conditions in Rotuma, parts of the Yasawa Group, Labasa and Seaqqa, a medium (30-40%) chance of **Very Wet** conditions across the Western and parts of the Northern Divisions, parts of the northern Lau Group, Ono-i-Lau, and some parts of the Lomaiviti Group. **No Extreme** alert is in place for the rest of the Fiji Group.

El Niño-Southern Oscillation (ENSO) Status: ENSO-neutral in place



Time periods and Impacts on the ground

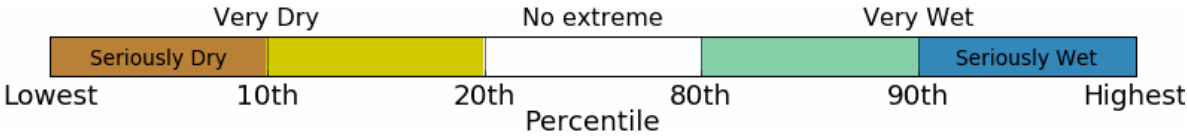
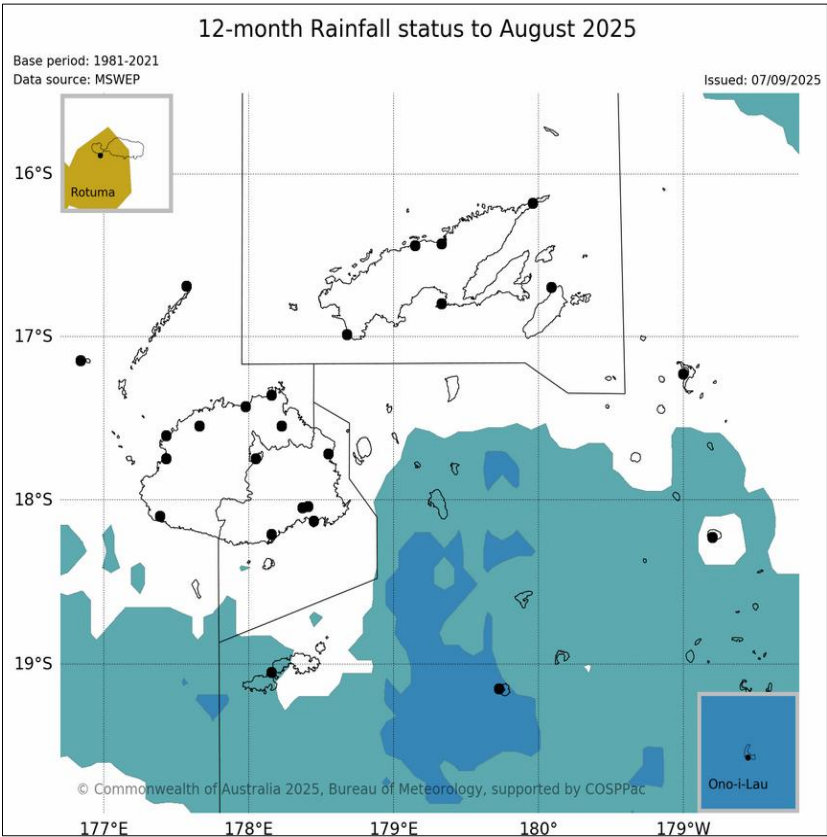
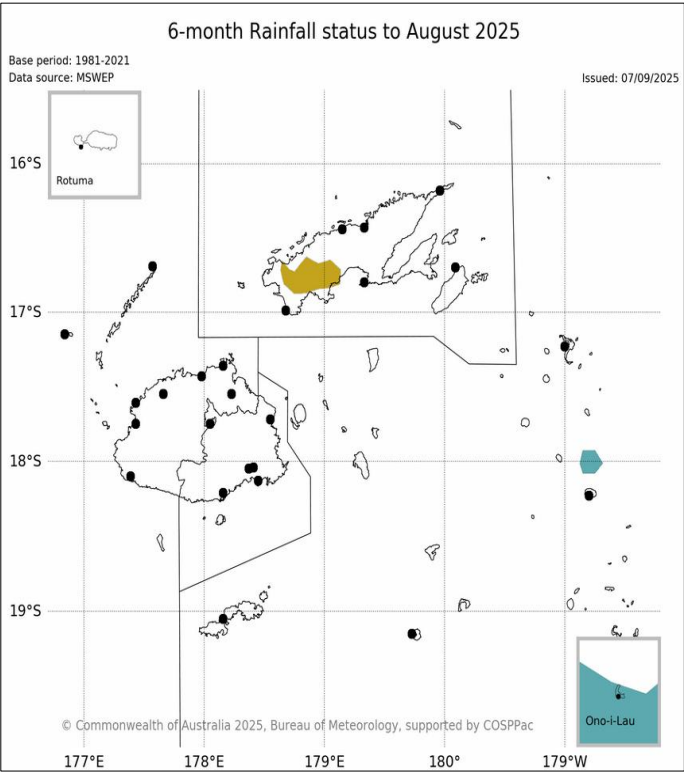
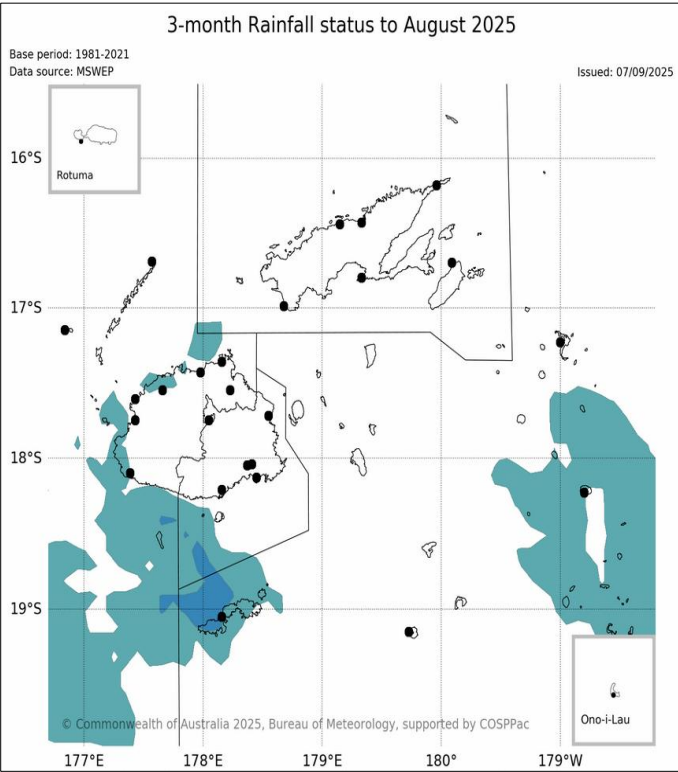
3-months: rainwater tanks, small streams, hand-dug wells, shallow bores, young sugarcane, traditional vegetables (e.g., bele), cabbage, beans, eggplant, okra, tomatoes, watermelon, rice, crops (yam, taro, cassava, pasture)

6-months: small rivers, bores, streams/rivers, mature sugarcane, kumala, uvi, hybrid dalo, corn, pineapple, pawpaw, dalo (vuci), tapi, kumala (carrot variety)

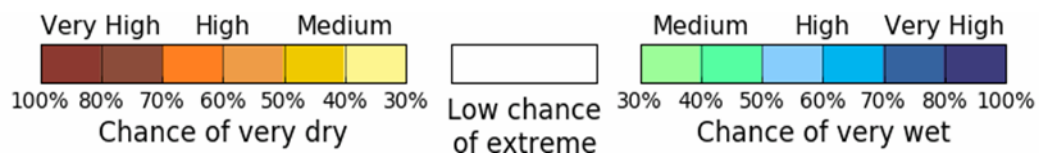
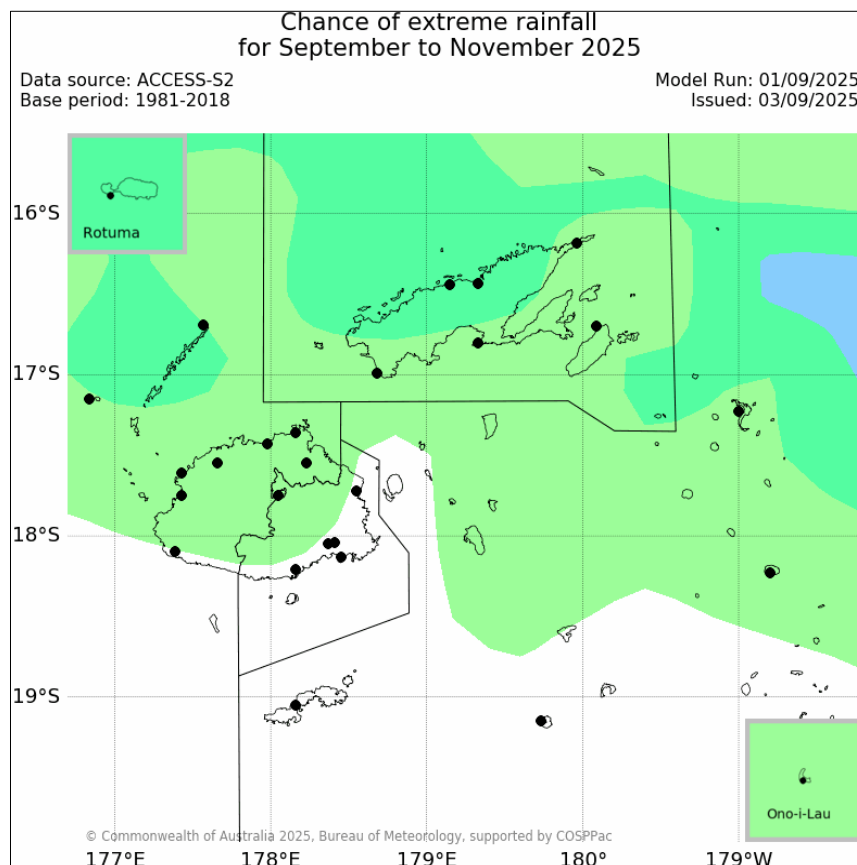
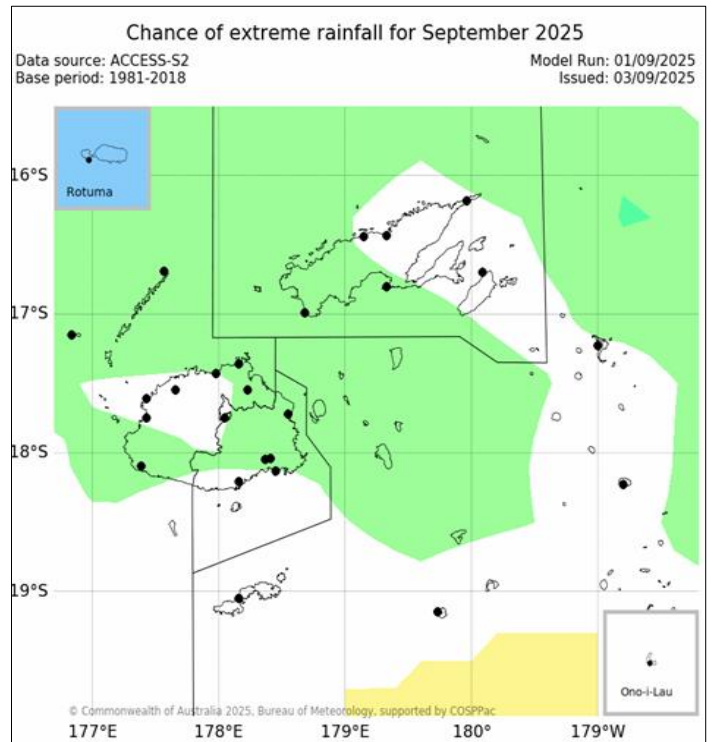
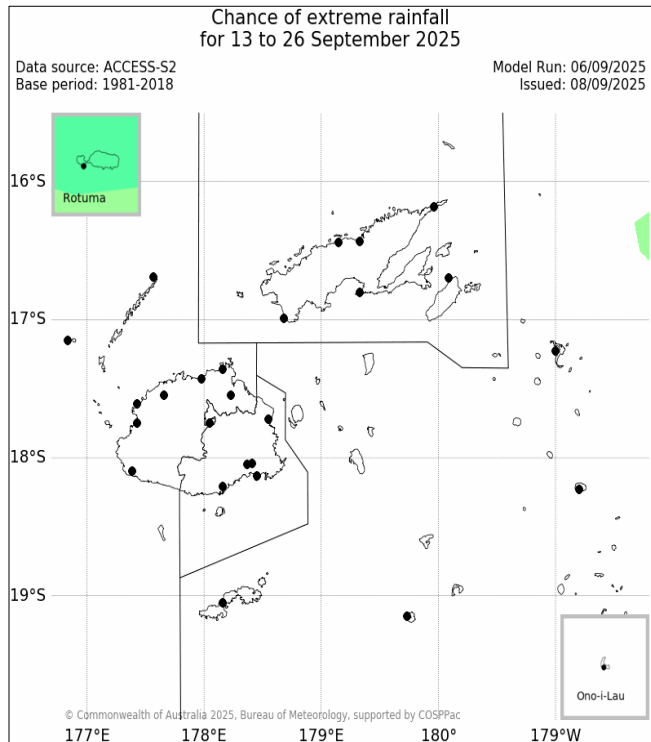
12-months: deep bores/large aquifer system, reservoirs, dams, rivers, tapi, coconuts, breadfruit, mango, kava, banana, vudi, fruit trees (e.g., noni, lemon, orange)

Note: Allow for uncertainty associated with island size, topography, geology and soil type.

Rainfall monitoring for the last 3-months, 6-months and 12-months



Rainfall Outlooks for 13 – 26 September, September and September to November 2025



Information on the Maps

Rainfall Monitoring maps

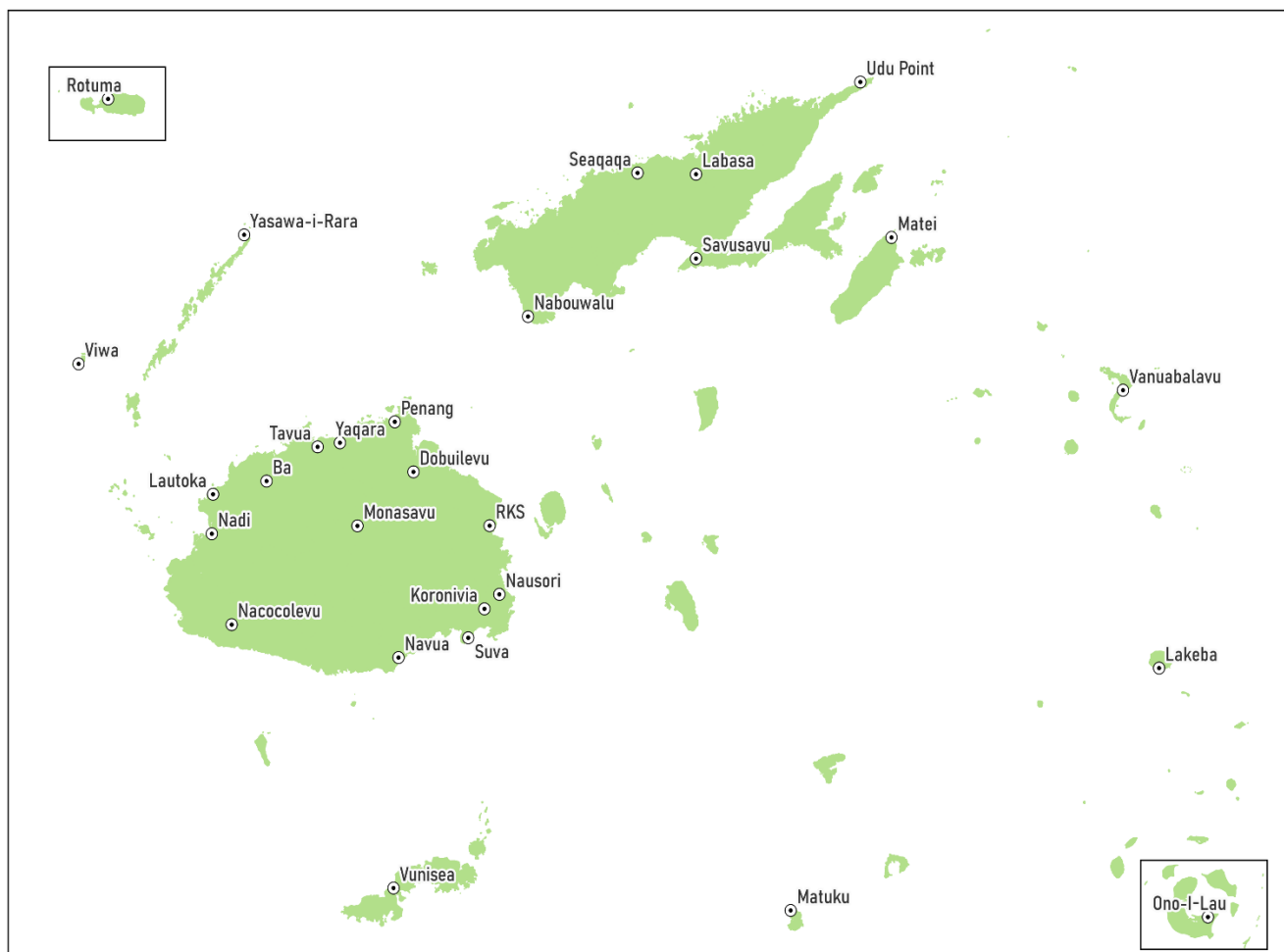
Fiji's rainfall status is assessed using the MSWEP dataset available via <http://www.gloh2o.org/mswep/>. MSWEP is a global precipitation dataset at 0.1° resolution, available from 1979 that combines data from rain gauges, satellite observations and reanalysis. The data is processed and presented in Percentile Index form by the Australian and New Zealand DFAT Climate and Ocean Support Program in the Pacific. 'No Alert' is assigned where rainfall was between the 20th and 80th percentile for the period in question.

Forecast for Extreme Rainfall maps

The chance of extremes outlook maps present the likelihood of very wet or very dry conditions. They are displayed by the chance that the outlook will result in rainfall or temperature in the top or bottom 20% of historical observations for the selected outlook period. Where there is white shading it is less likely there will be either very wet or very dry conditions, rainfall is likely to be close to normal in this case. An alert 3 for very dry (very wet) conditions is associated with a very high probability of rainfall being in the lowest (highest) 20% on record. An alert 1 for very dry (very wet) conditions is associated with a moderate/medium chance of rainfall being in the lowest (highest) 20% on record. Confidence in the forecast is greatest for alert 3.

The outlooks have been produced using the Australian Bureau of Meteorology ACCESS-S2 model <http://www.bom.gov.au/climate/ahead/about/model/access.shtml>.

Fiji Reference Map



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