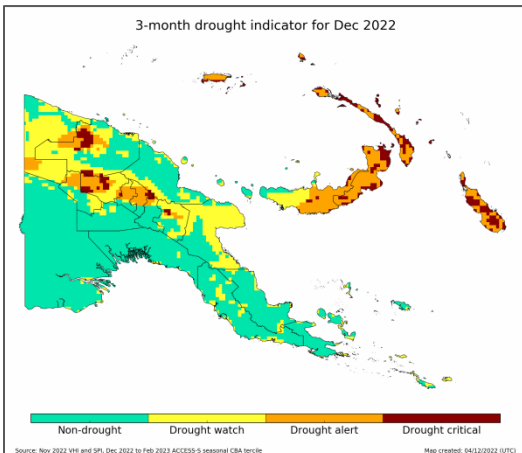


Key messages

The majority of Bougainville and New Ireland are at drought critical level due to continuous rainfall deficiencies over the past months. East New Britain, Jiwaka, Manus, West New Britain and Western Highlands provinces are at Drought alert. The monsoonal rainfall coupled with La Niña is expected to continue with Southern parts of PNG expected to receive much heavier rainfall.

Drought Early Warning Status

Derived from observed rainfall, vegetation health and forecasted rainfall.



Drought map input details can be found [here](#). [click to enlarge](#)

- [Rainfall over the last month](#) was well below average at New Guinea Islands, including Bougainville, Enga, West Sepik, northern parts of Jiwaka and parts of Chimbu and Goroka. Other parts of the country received average to above average rainfall.
- [Rainfall over the last three months](#) was well below average at New Guinea Islands, including Bougainville, East Sepik, Enga, Morobe, West Sepik, northern parts of Chimbu, Eastern Highlands, Hela, Jiwaka, Western Highlands, and southern parts of Madang Provinces. Rainfall was above average at Gulf, Southern Highlands and Western provinces.
- [Vegetation health conditions](#), Similar to November with mild stress in Bougainville, East New Britain, East Sepik, Morobe and West Sepik.
- [Forecasts for the upcoming season](#) indicate normal to below normal rainfall across the country except Gulf, Milne Bay and Southern Highlands to receive above normal rainfall.
- At the [6-month drought timescale](#), New Ireland remains at cdrought ritical whilst Bougainville, East New Britain, Enga, Jiwaka, Manus, West New Britain continue to be at drought alert due to rainfall deficiencies over the past few months

3-month timescale provincial summary (detailed table [here](#) – select 'Download')

● Drought Watch ● Drought Alert ● Drought Critical

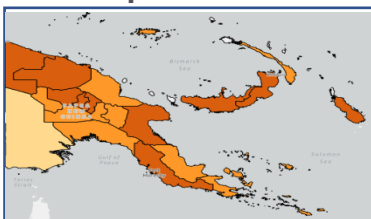
East Sepik, Eastern highlands, Enga, Morobe, NCD & West Sepik East New Britain, Jiwaka, Manus, West New Britain & Western Highlands Bougainville & New Ireland

Drought Risk Status

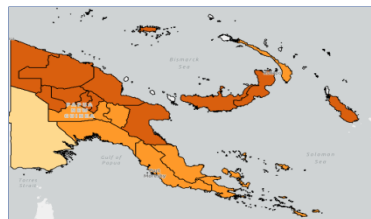
An indication of past drought risk based on drought hazard, exposure and vulnerability.

- West Sepik is at extreme risk level whilst Bougainville, Central, Eastern Highlands, East New Britain, East Sepik, Enga, Hela, Jiwaka, Madang, Morobe, and West New Britain provinces remain at severe-risk levels, therefore suggest close monitoring.
- Few provinces are at moderate risk levels whilst Western remains at mild levels.

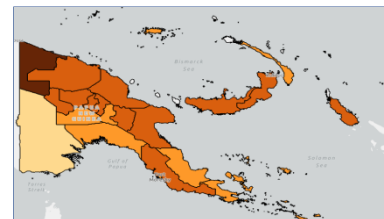
September 2022



October 2022



November 2022



Extreme 0.81-1.00 Severe 0.61-0.80 Moderate 0.41-0.60 Mild 0.21-0.40 Very Mild 0.01-0.20 No Data

● Provinces in Severe this month

● Provinces in Extreme this month

Bougainville, East New Britain, Eastern Highlands, East Sepik, Enga, Hela, Jiwaka, Madang, Morobe, West New Britain

West Sepik

Climate Context

A summary of the relevant climate drivers affecting PNG over the coming months

- ACCESS-S outlook for the next 3 months shows average to below average rainfall across most parts of PNG except Gulf, Milne Bay and Southern Highlands showing slightly wetter conditions.
- With the monsoon season underway, compounded by prevailing La Niña, large parts of the country expected to receive above normal rainfall with southern parts of PNG expected to receive higher rainfall.
- ENSO remains at La Niña in the Pacific. Models indicating a return to ENSO-neutral conditions in early 2023.
- IOD is at neutral level and is expected to remain at neutral level over the coming season.