

SWIOCOF – 14a

OND, NDJ, DJF VERIFICATION

MPHATSO TAWAKALI

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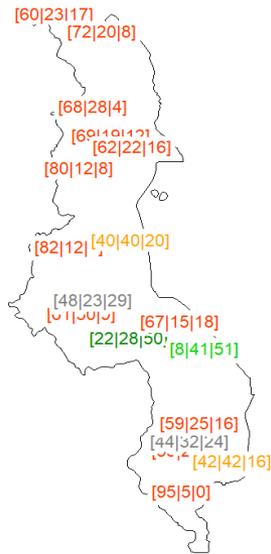
Regional Outlook Forum for South-West Indian Ocean countries

June 17-20 2025

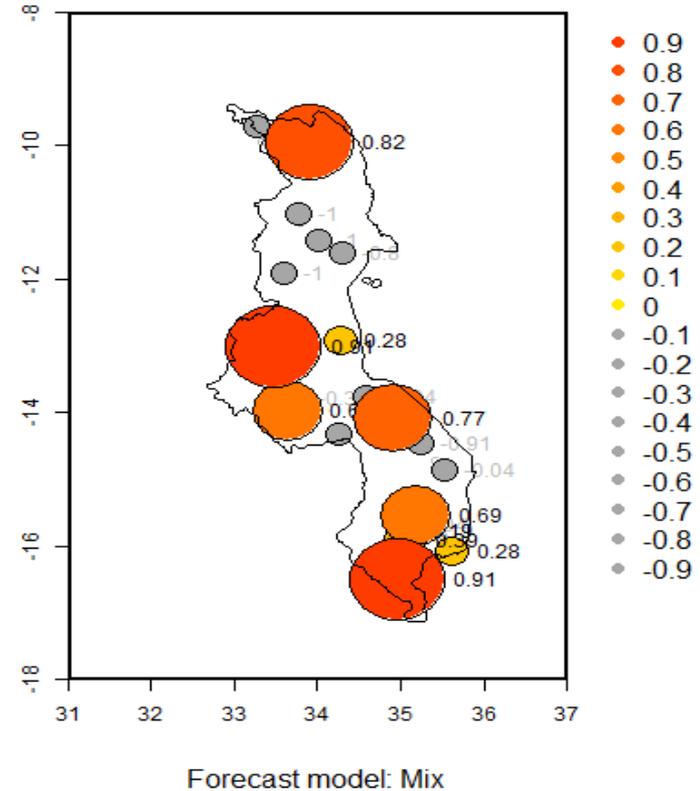
- Mauritius -

OND 2024 PRECIPITATION

Rainfall Seasonal forecast - OND 2024 - It 1



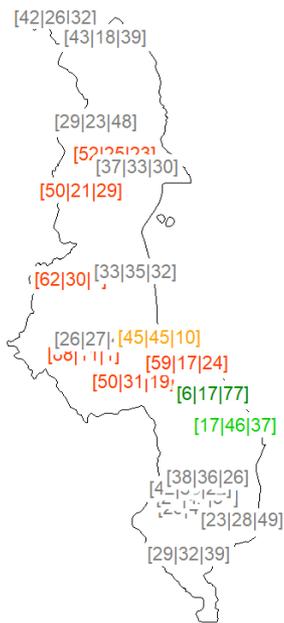
Score RPSS: RRTOT OND-2024 It1



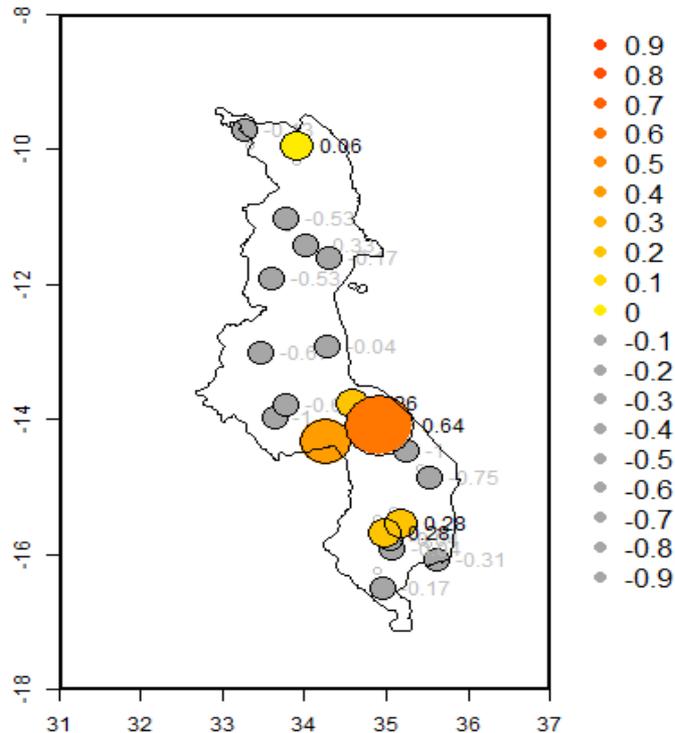
Generally, below normal precipitation across the country with above normal precipitation on few areas in the southern part of the country.

NDJ 2024 PRECIPITATION

Rainfall Seasonal forecast - NDJ 2024 - It 2



Score RPSS: RRTOT NDJ-2024 It2

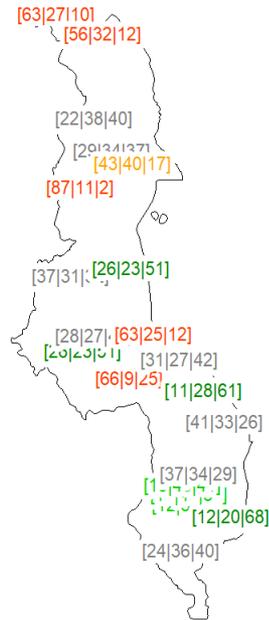


Forecast model: Mix

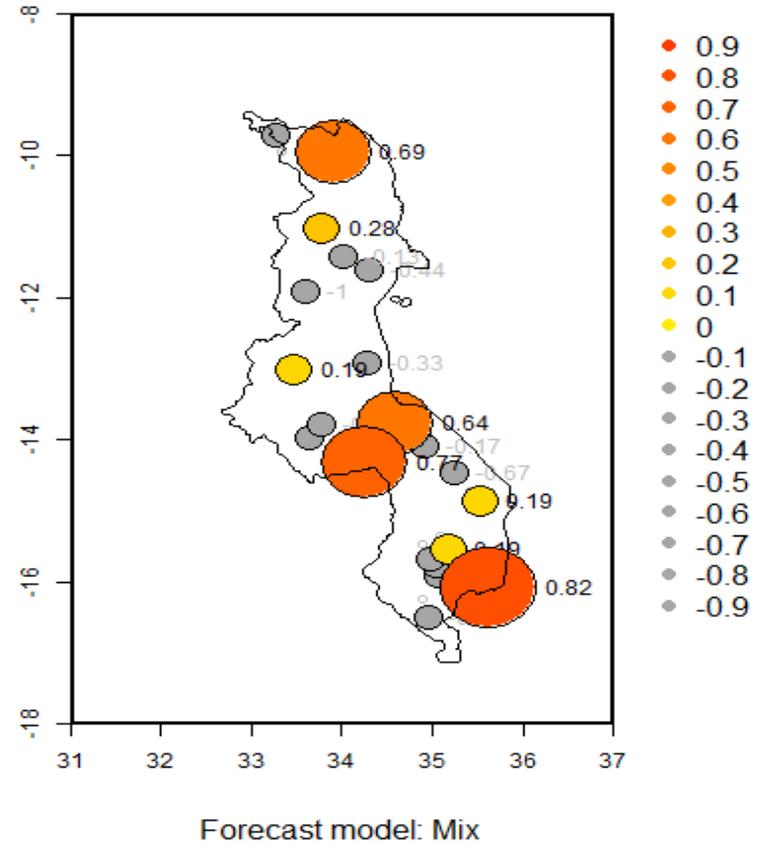
Generally, normal precipitation in the south and north tip of the country, but normal to below normal precipitation in the central region

DJF 2024 PRECIPITATION

Rainfall Seasonal forecast - DJF 2024 - It 3



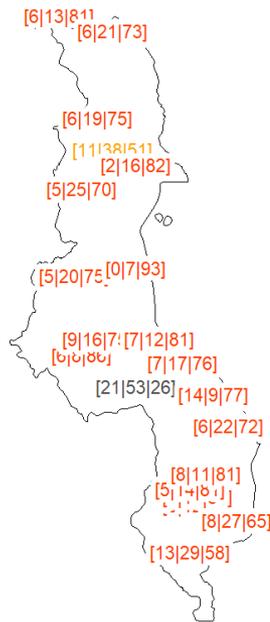
Score RPSS: RRTOT DJF-2024 It3



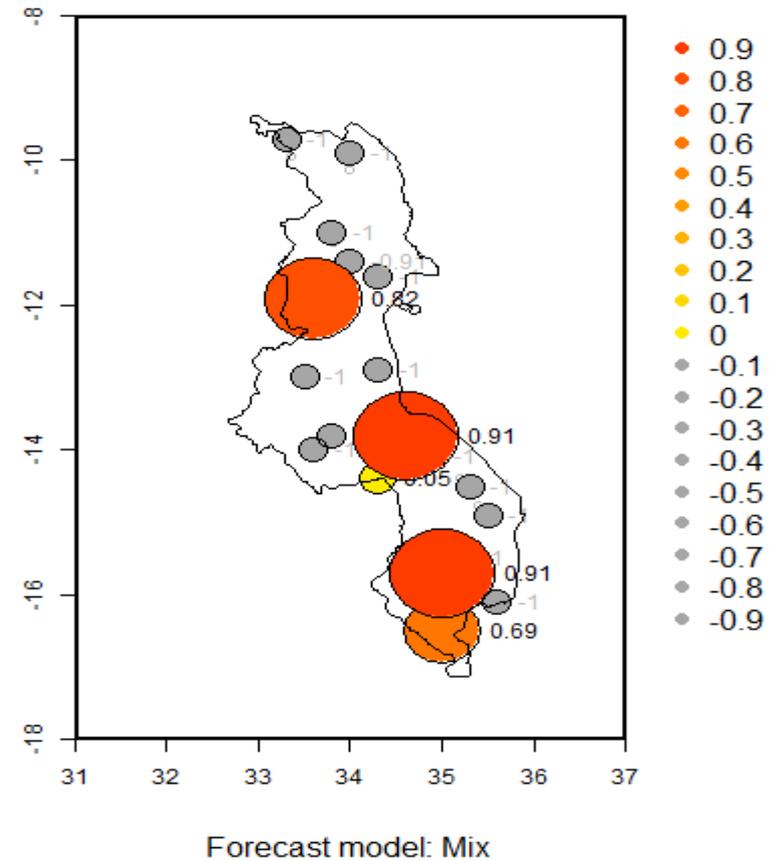
Generally, normal to above normal precipitation in the southern and central part but generally normal to below normal precipitation is expected in the north

OND 2024 TMAX

Temperature Seasonal forecast - OND 2024 - It 1



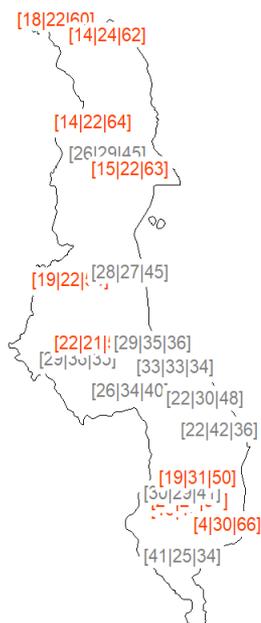
Score RPSS: T2M OND-2024 It1



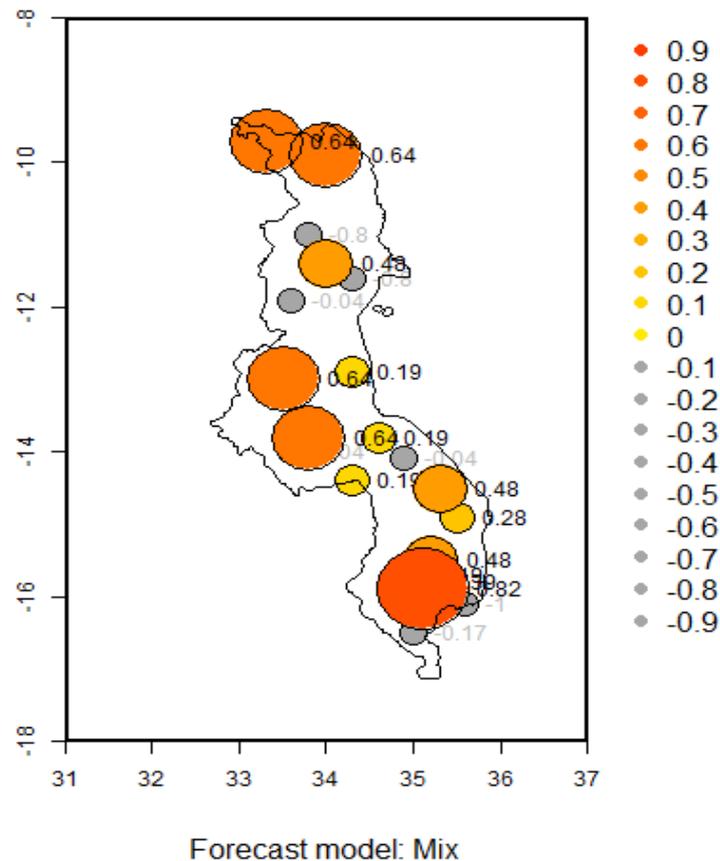
Generally, above normal temperatures across the country with few areas around central part of the country having normal temperatures.

NDJ 2024 TMAX

Temperature Seasonal forecast - NDJ 2024 - It 2



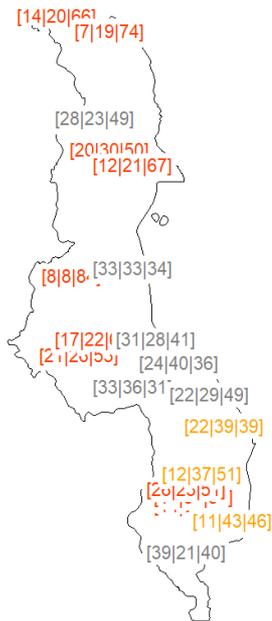
Score RPSS: T2M NDJ-2024 It2



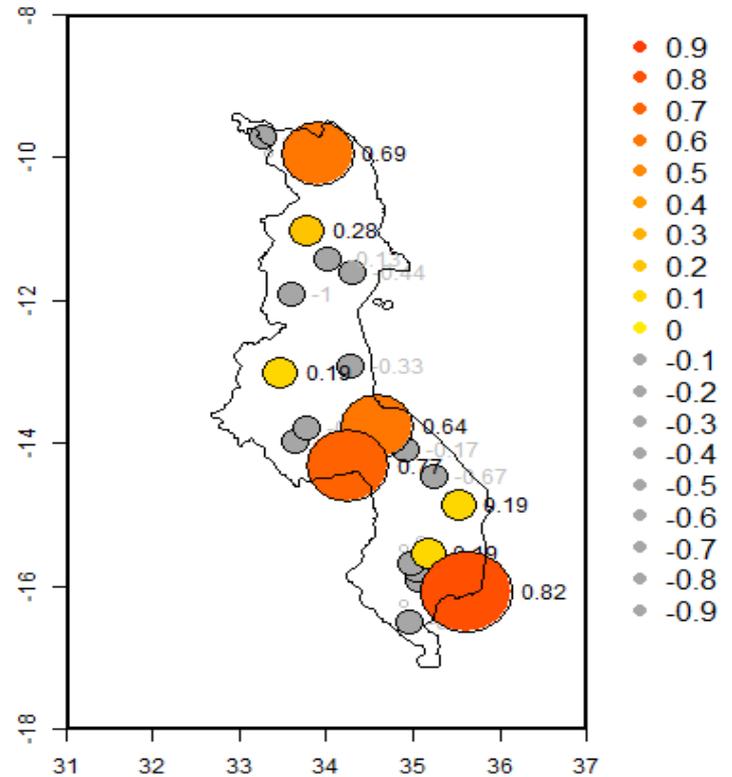
Generally, normal to above normal temperatures are expected across the country.

DJF 2024 TMAX

Temperature Seasonal forecast - DJF 2024 - It 3



Score RPSS: RRTOT DJF-2024 It3



Forecast model: Mix

Generally, normal to above normal temperatures across the country are expected.

The ranked probability score (RPS) is the sum of the squared differences between cumulative forecast probabilities and cumulative observed probabilities, and measures both forecast reliability and resolution (Murphy 1973). The ranked probability skill score (RPSS) compares the RPS of a forecast to some reference forecast such as climatology, oriented so that $RPSS < 0$ ($RPSS > 0$) corresponds to a forecast that is less (more) skillful than climatology.