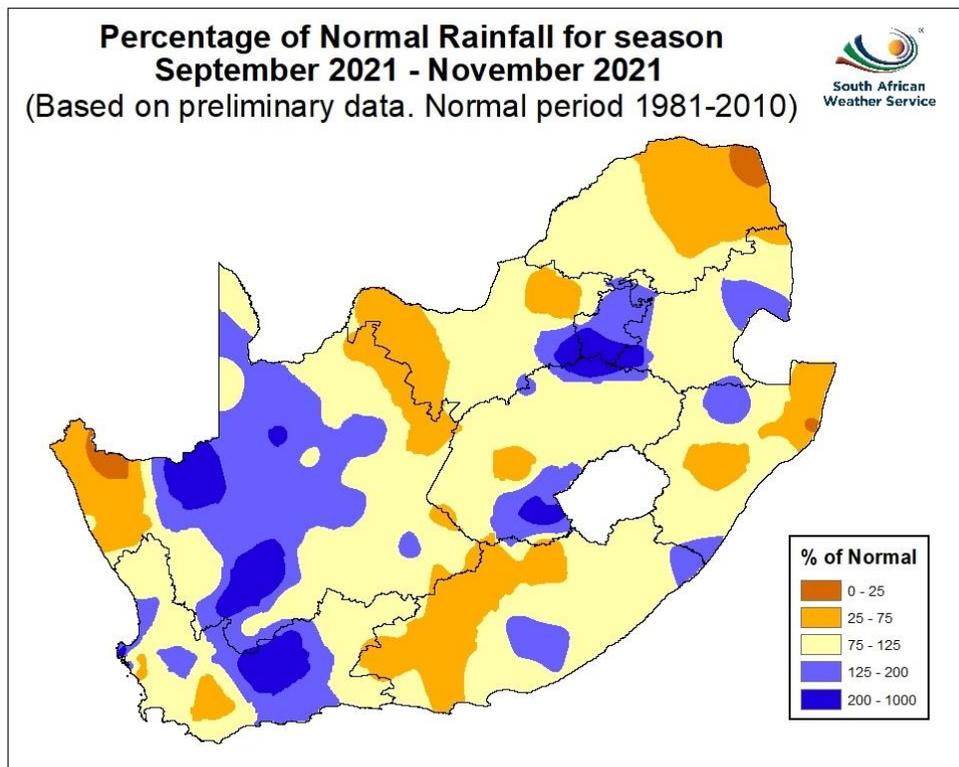


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20 December 2021

**La Niña 2021/22 – Observed rainfall to date and expected rainfall for the remainder of the summer season**

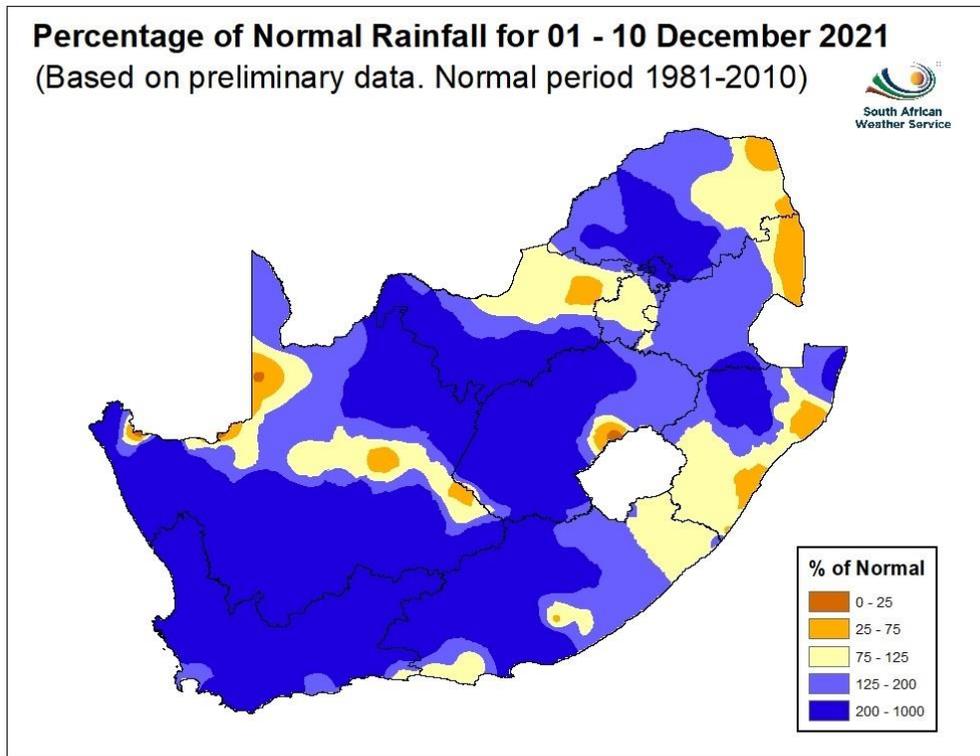
The larger part of the country received normal (indicated by the light yellow shades) to above-normal rainfall (indicated by the blue shades) during the spring season (Figure 1). It was in particular the western interior that received relief from drought conditions. Good rainfall conditions continued into the month of December 2021 with most of the country receiving above-normal rainfall during the first ten days of December (Figure 2).



**Figure 1:** Percentage of normal rainfall for the September–October–November 2021 season. Blue shades are indicative of above-normal rainfall and the darker yellow shades of below-normal rainfall.

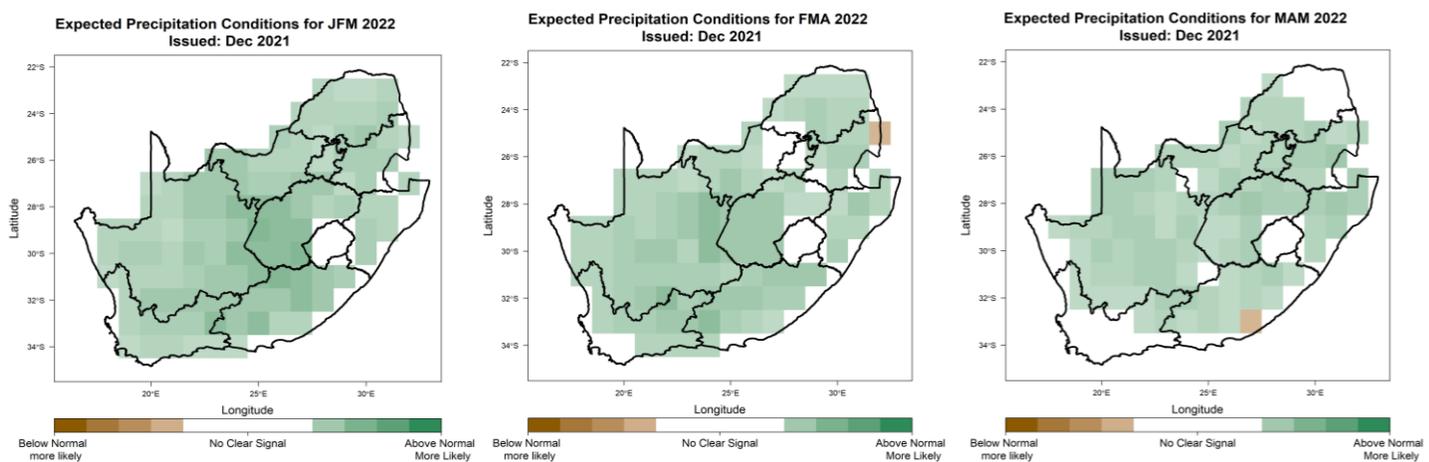
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**Board Members:** Ms Nana Magomola (Chairperson), Dr Phillip Dexter (Deputy Chairperson), Adv Derick Block, Mr David Lefutso, Dr Mphekgo Maila, Ms Kelebogile Moroka-Mosia, Ms Sally Mudly-Padayachie, Vacant (DFFE Rep), Mr Itani Phaduli, Ms Feziwe Renqe, Mr Ishaam Abader (CEO).  
**Company Secretary:** Ms Millicent Fatlane (Interim Company Secretary)



**Figure 2:** Percentage of normal rainfall for the first 10 days of December 2021. Blue shades are indicative of above-normal rainfall and the darker yellow shades of below-normal rainfall.

La Niña conditions are expected to continue during the summer season, and the predictions for rainfall over the larger part of the country are for enhanced probabilities of above-normal rainfall during the January-February-March, February-March-April and March-April-May 2022 seasons (Figure 3). Please consult Figure 4 for the accompanying skill maps of these rainfall prediction maps.



**Figure 3:** Rainfall predictions for the January-February-March (left), February-March-April (middle) and March-April-May (right) 2022 seasons.

In Figure 4 an assessment of forecast skill for each of the January-February-March, February-March-April and March-April-May seasons is shown. For an above-normal rainfall forecast, the top-row must be

consulted and for a below-normal rainfall forecast the bottom-row is relevant. Blue and red shaded areas indicate where the rainfall predictions in Figure 3 are skillful.

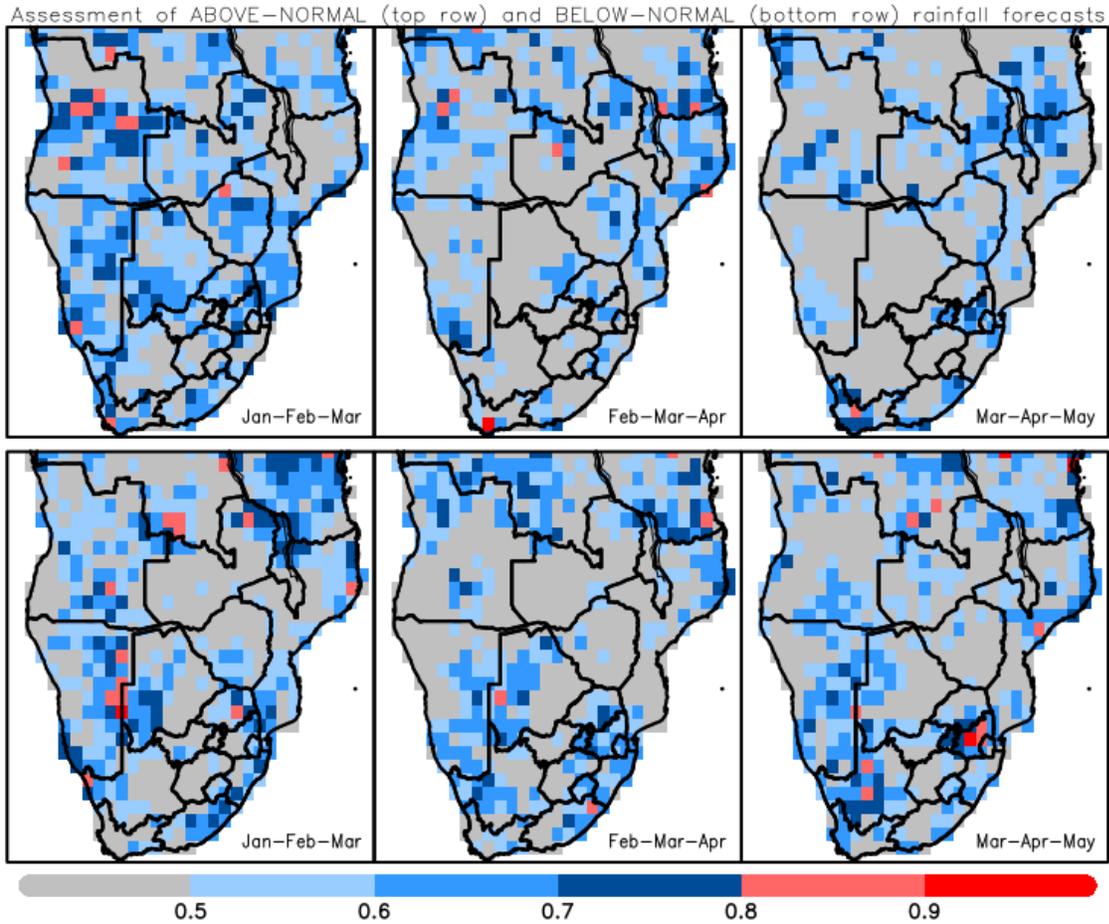


Figure 4: Assessment of rainfall forecasts for January-February-March (left), February-March-April (middle) and March-April-May (right) made in the month of December as represented by the area under the Relative Operating Characteristic (ROC) curve for above-normal rainfall (top row) and below-normal rainfall (bottom row).

Compiled by Christien Engelbrecht

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