

2024

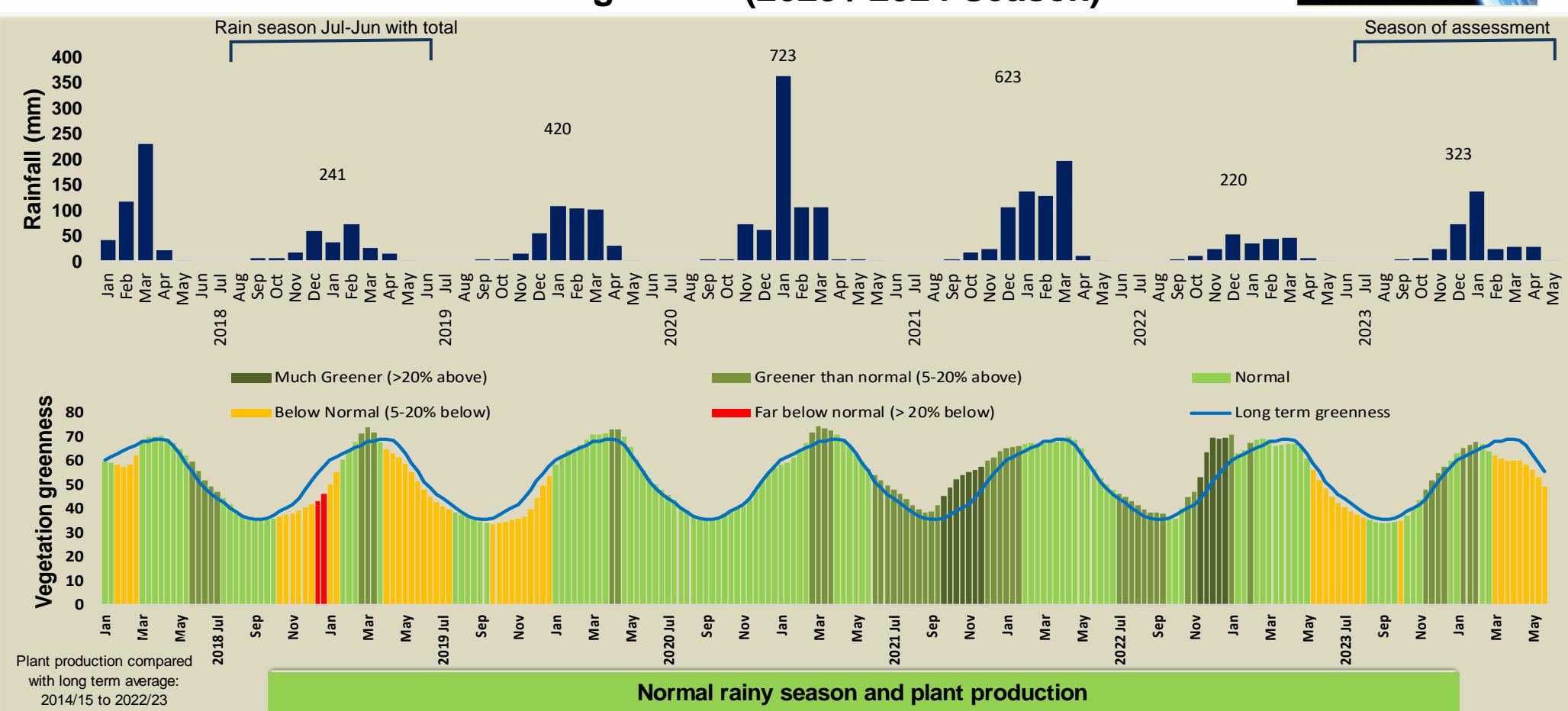
Muduva Nyangana

Climate and Vegetation Report

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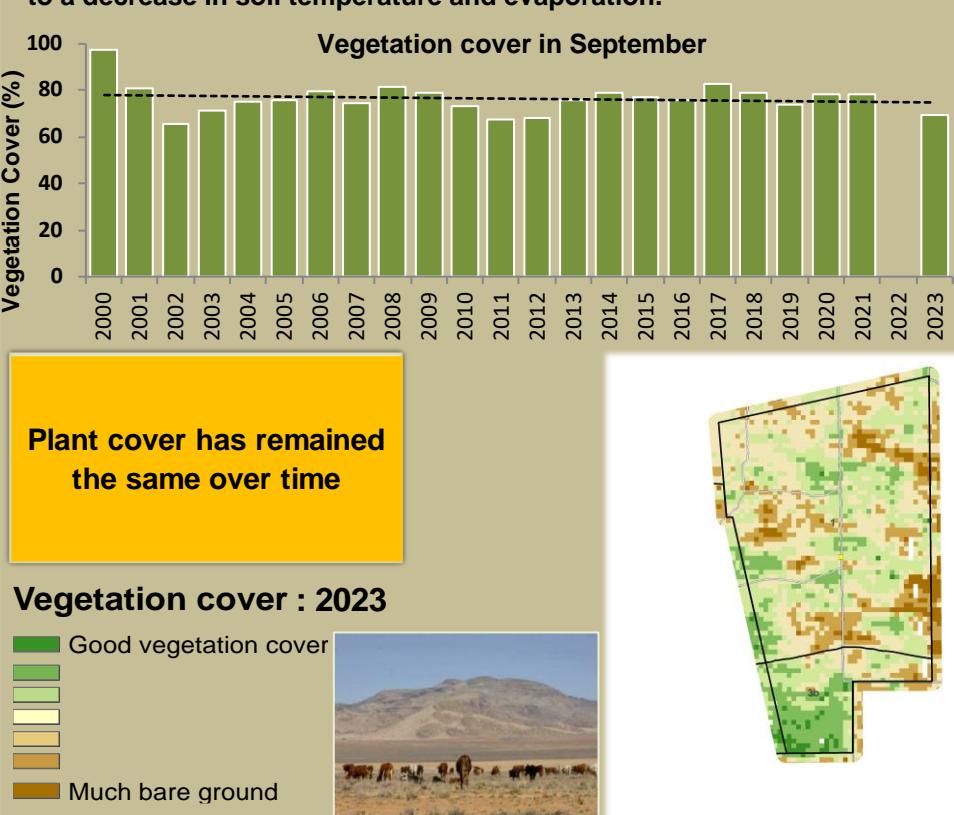
Adapting in response to the current environmental conditions ...

Seasonal trends in rainfall and vegetation (2023 / 2024 Season)

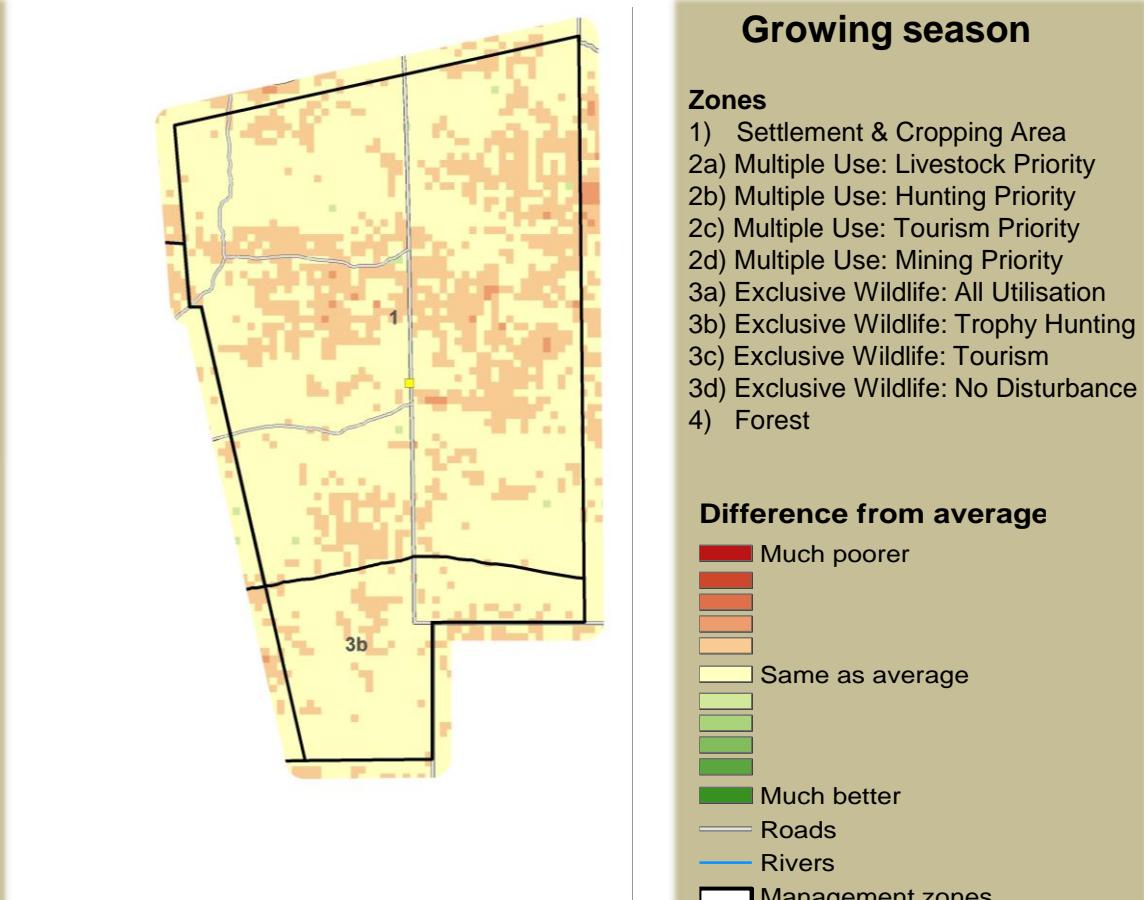


Vegetation cover trend (2000 - 2023)

High vegetation cover is good because more rainwater is prevented from running off, causing less erosion. Also, the soil is shaded leading to a decrease in soil temperature and evaporation.

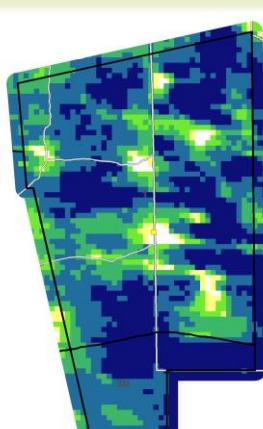


Vegetation productivity (February to April) 2024

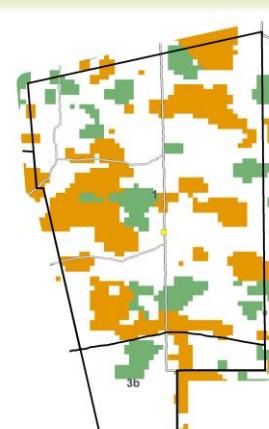


Fire management

Burns between 2000 and 2023



When and where it burnt in 2023



Times burned

Apr-Jul: 70.9 sq.km, 11.5 %

Aug-Dec: 153.5 sq.km, 25 %

Prevent late burns next season

Climate and vegetation patterns assist in our understanding of the status of wildlife and livestock in the conservancy for the effective management of these resources.

Forage availability

During the growing season enough forage must be produced to sustain livestock and game until the next rainy season



Normal forage availability



Management Options

- Do nothing
- Buy more animals
- Move animals to better grazing
- Sell old and unproductive animals
- Acquire additional forage