

2024

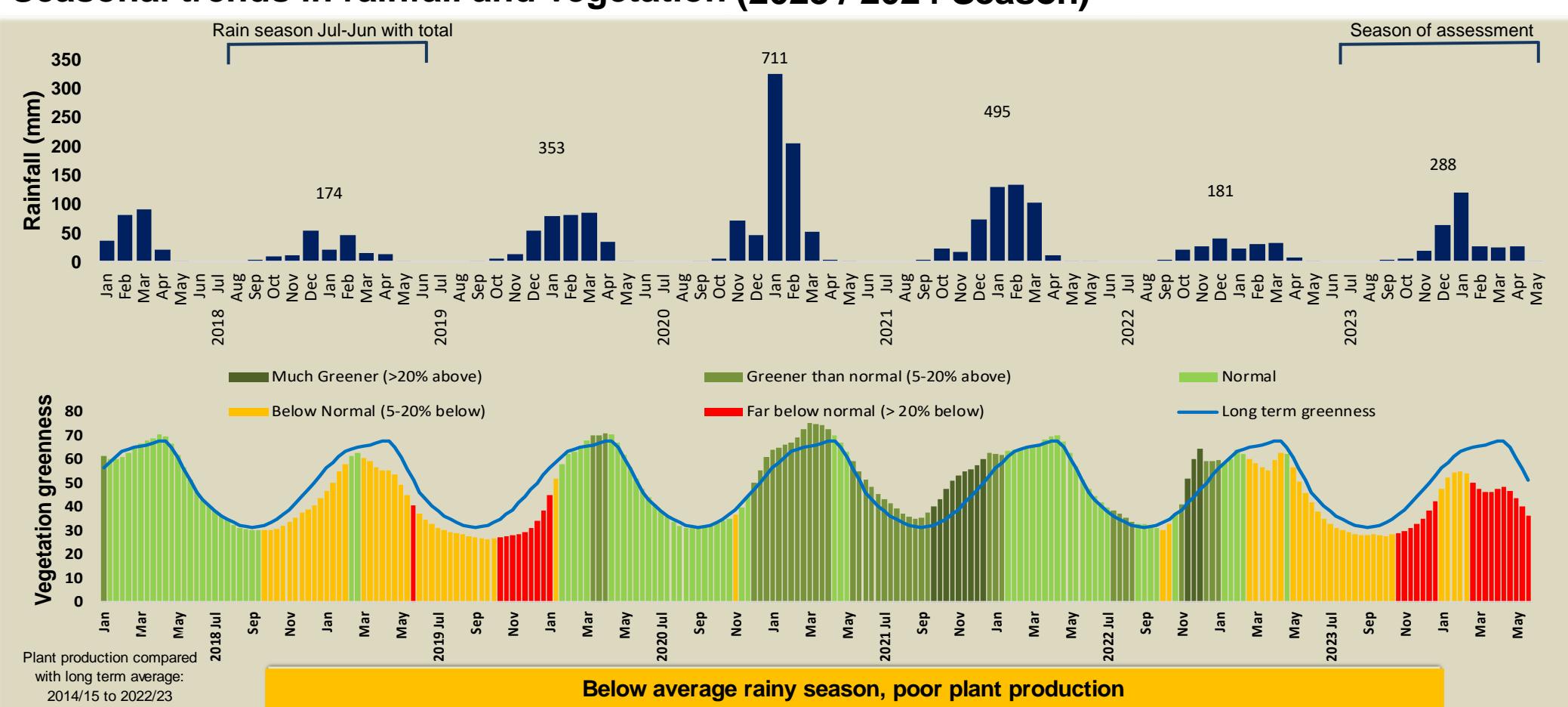
# Nyae Nyae

## Climate and Vegetation Report

D1

Adapting in response to the current environmental conditions ...

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



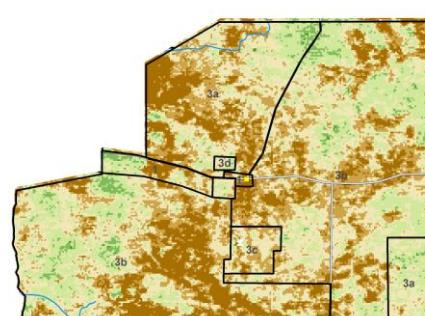
### Vegetation cover trend (2000 - 2023)

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.



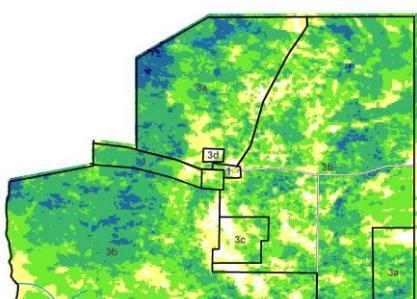
Plant cover has remained the same over time

### Vegetation cover : 2023

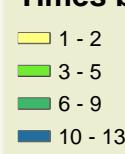


### Fire management

#### Burns between 2000 and 2023



#### Times burned

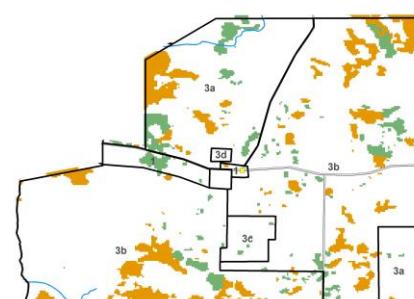


Apr-Jul: 443.9 sq.km, 4.9 %

Aug-Dec: 877.1 sq.km, 9.8 %

Prevent late burns next season

#### When and where it burnt in 2023

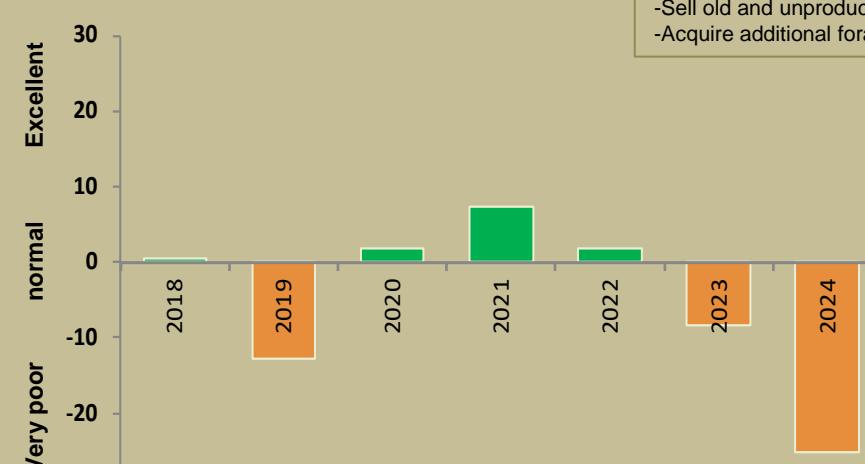


#### Burned area



### Forage availability

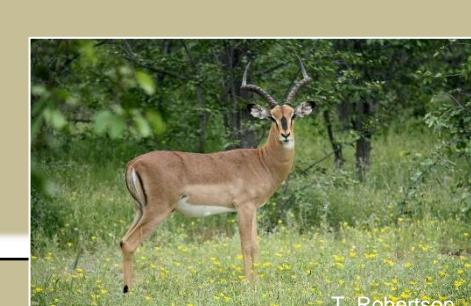
During the growing season enough forage must be produced to sustain livestock and game until the next rainy season



Far below normal forage availability - Enough for livestock and game?

#### Management Options

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



T. Robertson