

2024

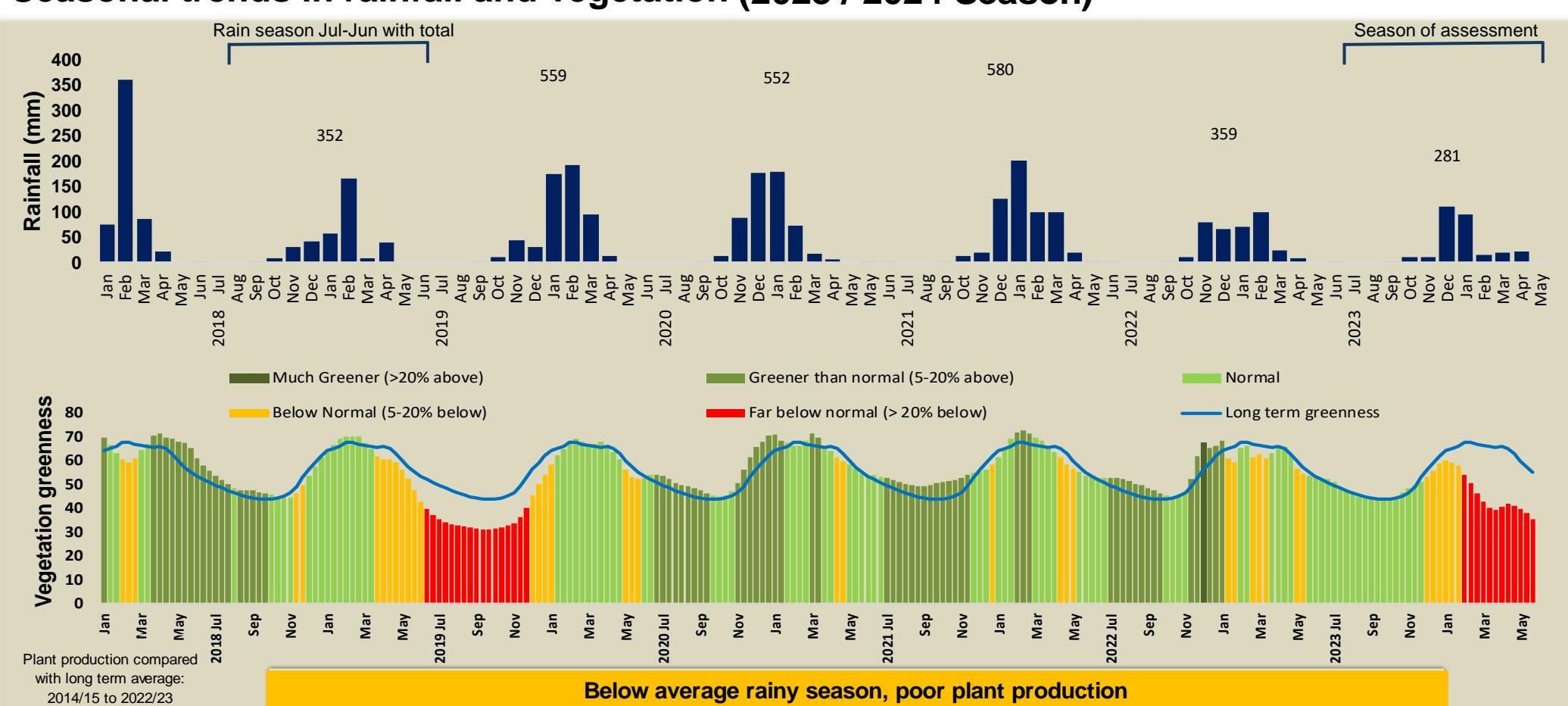
Kabulabula

Climate and Vegetation Report

D1

Adapting in response to the current environmental conditions ...

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



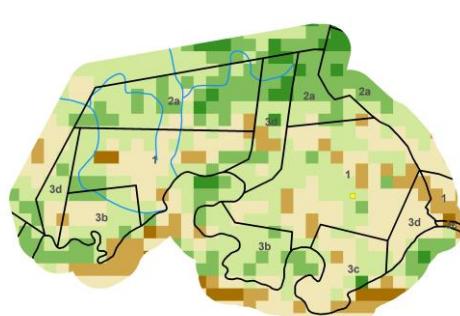
Vegetation cover trend (2000 - 2023)

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.



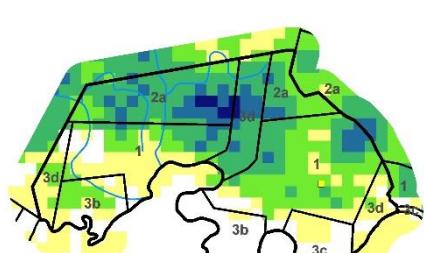
Plant cover has remained the same over time

Vegetation cover : 2023



Fire management

Burns between 2000 and 2023



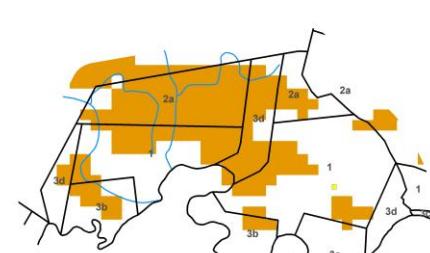
Times burned

Apr-Jul: 0 sq.km, 0 %

Aug-Dec: 35.6 sq.km, 40 %

Prevent late burns next season

When and where it burnt in 2023



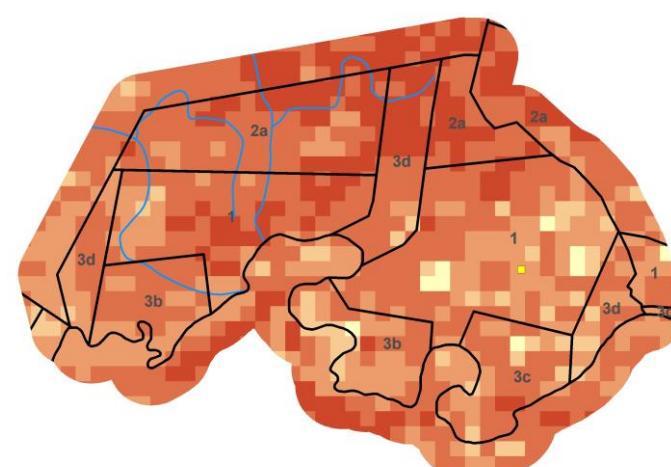
Burned area

April - July

Aug - December

Vegetation productivity (February to April) 2024

Growing season

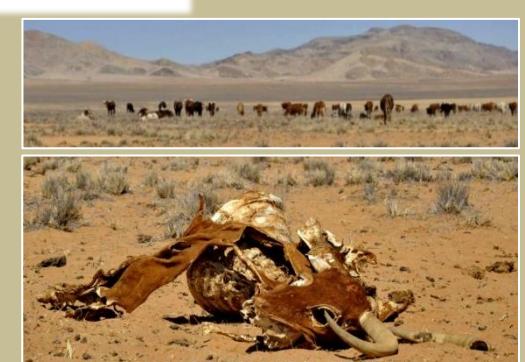


Difference from average

- Much poorer
- Same as average
- Much better
- Roads
- Rivers
- Management zones

Zones

- 1) Settlement & Cropping Area
- 2a) Multiple Use: Livestock Priority
- 2b) Multiple Use: Hunting Priority
- 2c) Multiple Use: Tourism Priority
- 2d) Multiple Use: Mining Priority
- 3a) Exclusive Wildlife: All Utilisation
- 3b) Exclusive Wildlife: Trophy Hunting
- 3c) Exclusive Wildlife: Tourism
- 3d) Exclusive Wildlife: No Disturbance
- 4) Forest

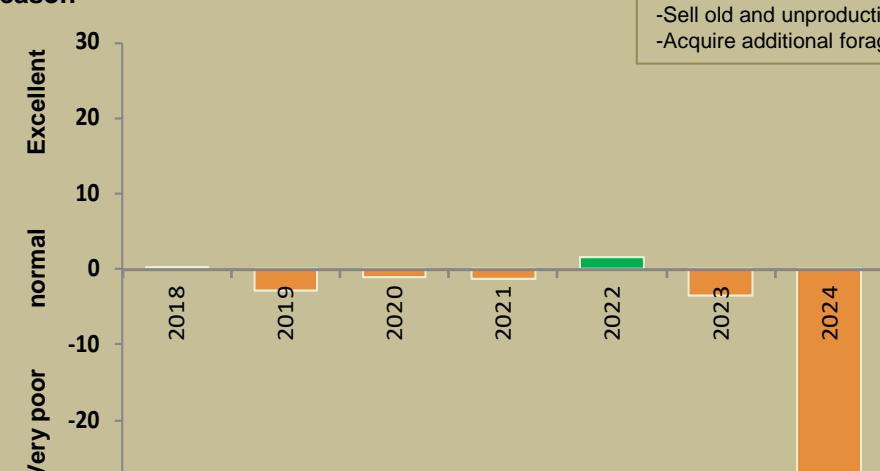


Forage availability

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

Management Options

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



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

