

2023

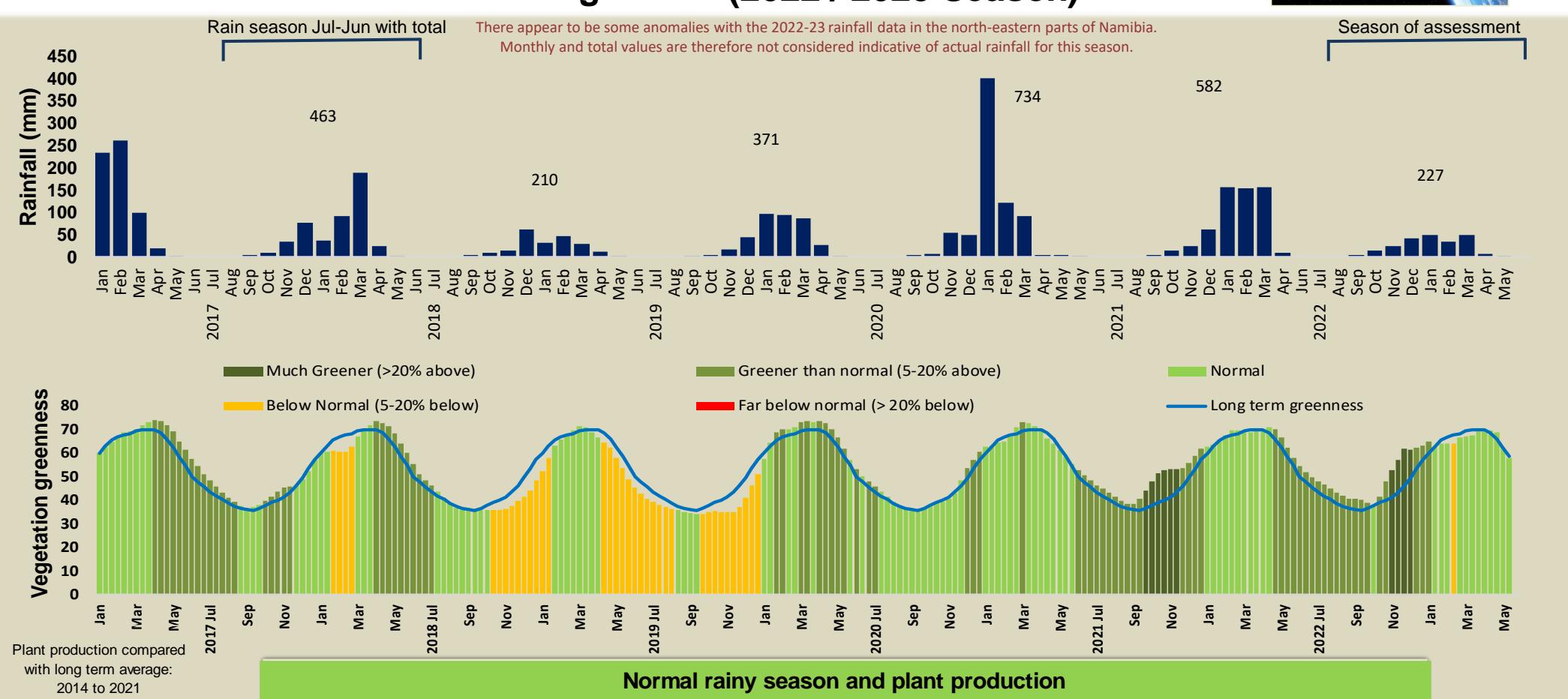
# Kapinga Kamwalye

## Climate and Vegetation Report

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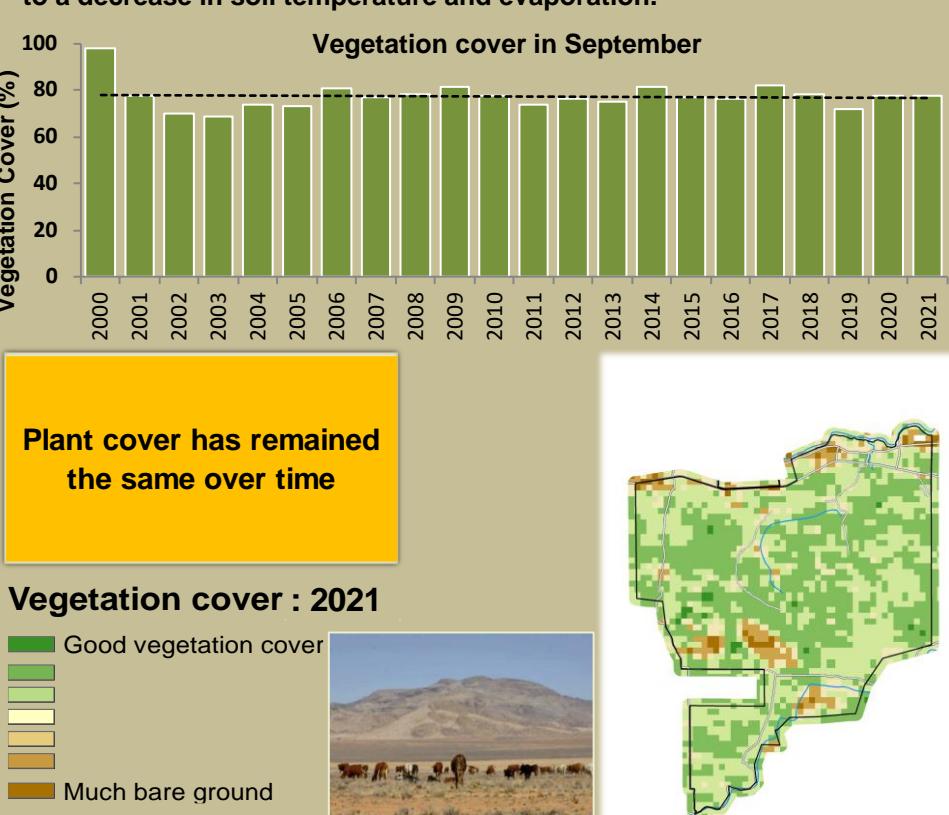
Adapting in response to the current environmental conditions ...

### Seasonal trends in rainfall and vegetation (2022 / 2023 Season)

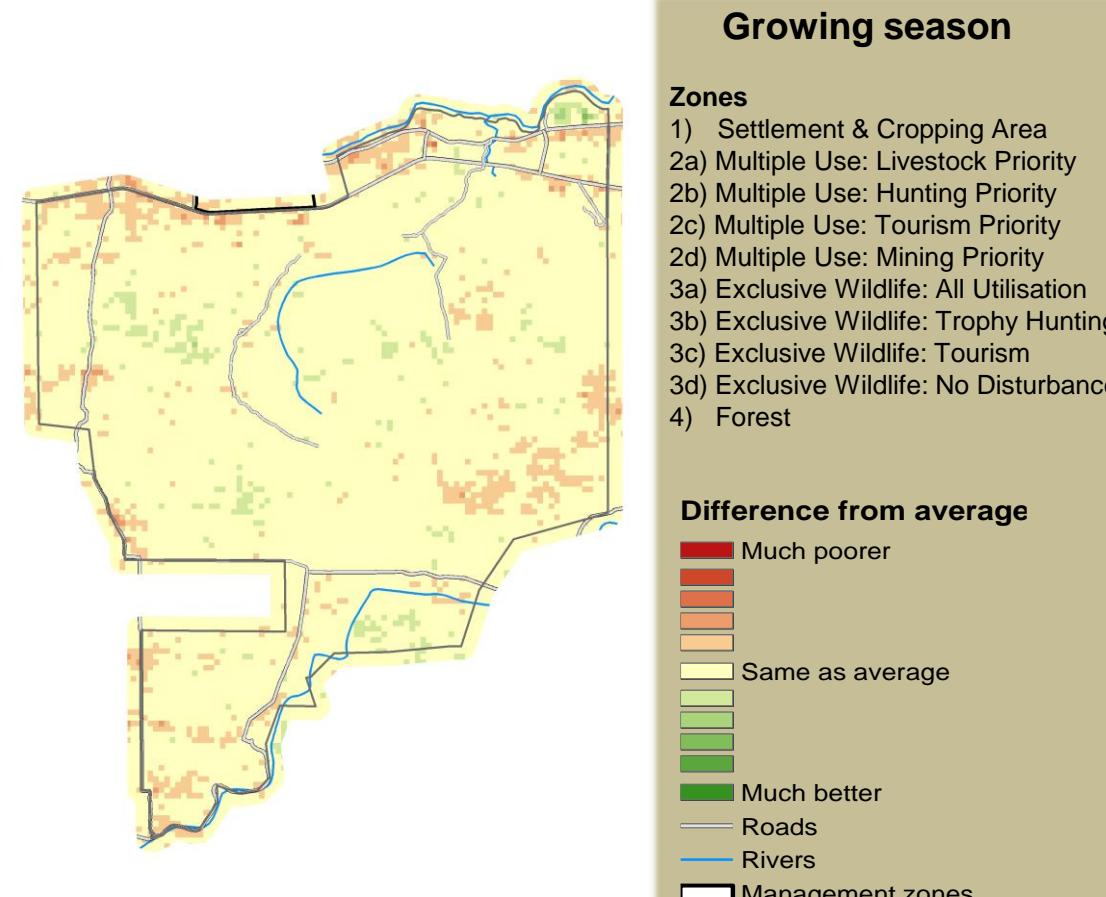


### Vegetation cover trend (2000 - 2021)

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.

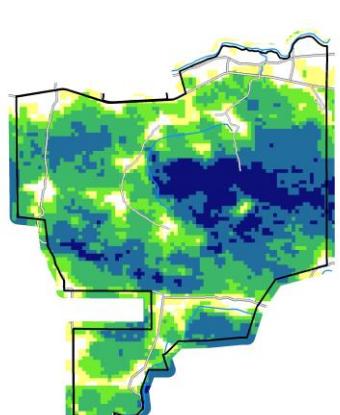


### Vegetation productivity (February to April) 2023



### Fire management

Burns between 2000 and 2022



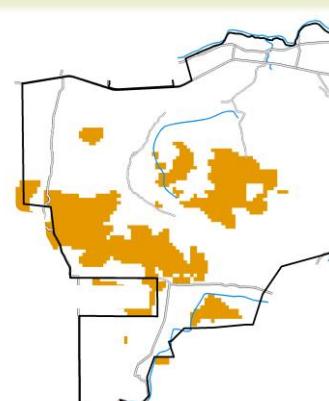
Times burned

Apr-Jul: 0.2 sq.km, 0 %

Aug-Dec: 193 sq.km, 15.2 %

Prevent late burns next season

When and where it burnt in 2022



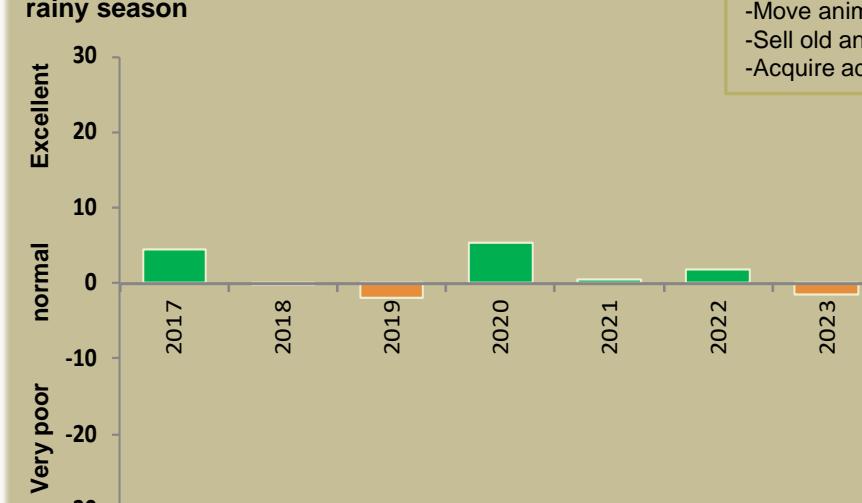
Burned area

April - July

Aug - December

### 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

