

2023

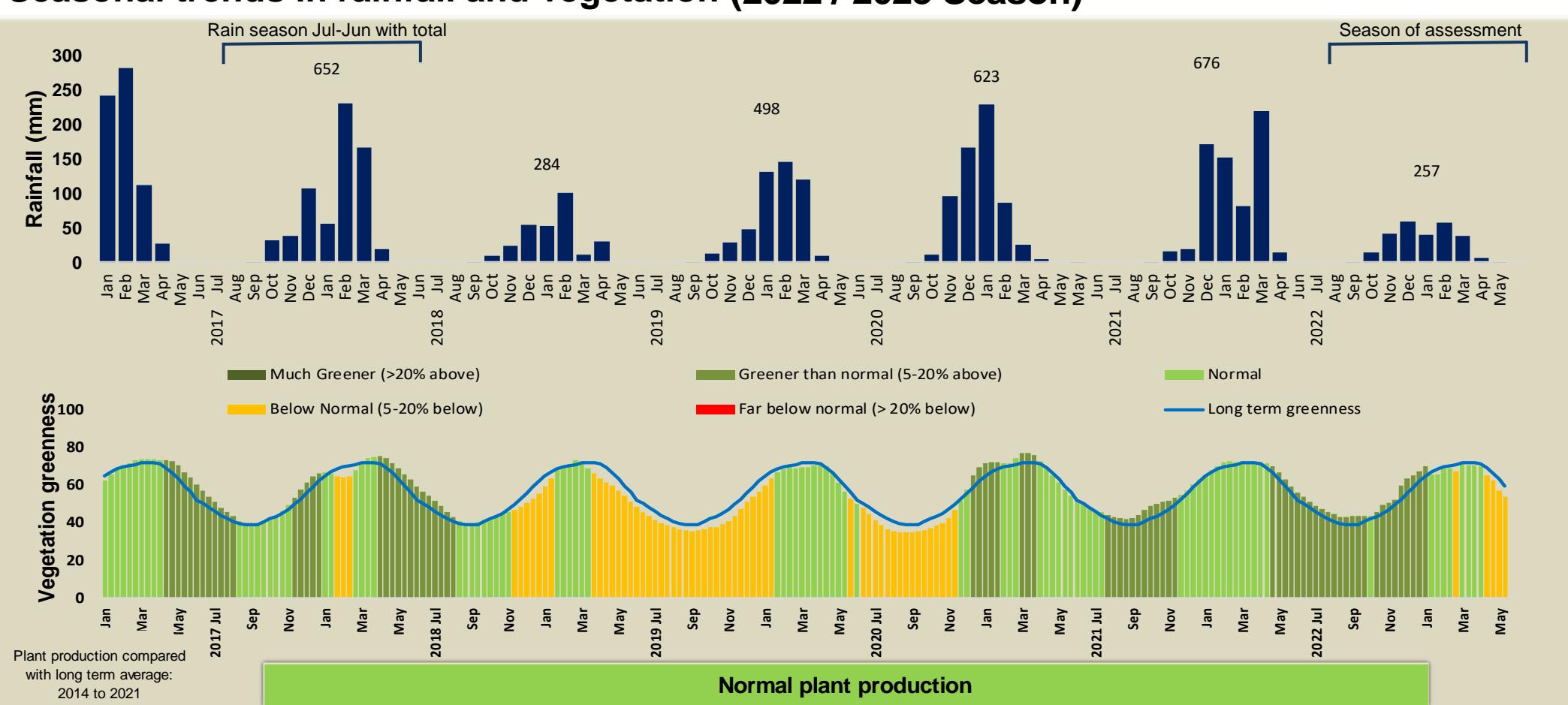
Balyerwa

Climate and Vegetation Report

D1

Adapting in response to the current environmental conditions ...

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



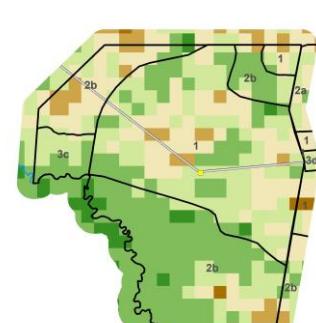
Vegetation cover trend (2000 - 2021)

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.



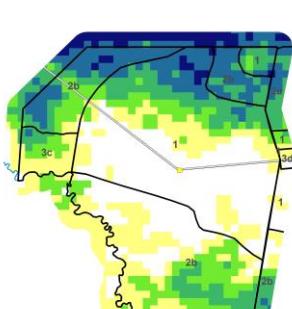
Plant cover has remained the same over time

Vegetation cover : 2021

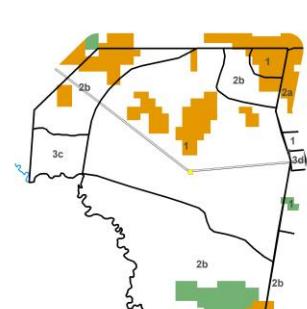


Fire management

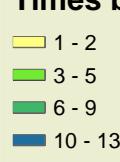
Burns between 2000 and 2022



When and where it burnt in 2022



Times burned

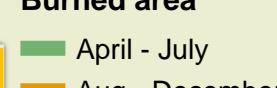


Apr-Jul: 6.9 sq.km, 3.1 %

Aug-Dec: 9.5 sq.km, 4.2 %

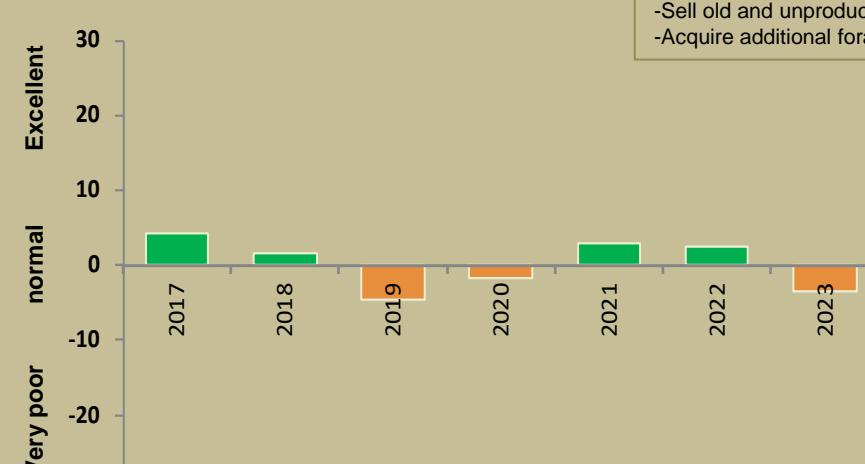
Prevent late burns next season

Burned area



Forage availability

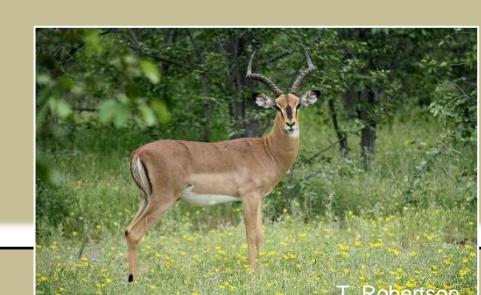
During the growing season enough forage must be produced to sustain livestock and game until the next rainy season



Normal forage availability

Management Options

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



T. Robertson