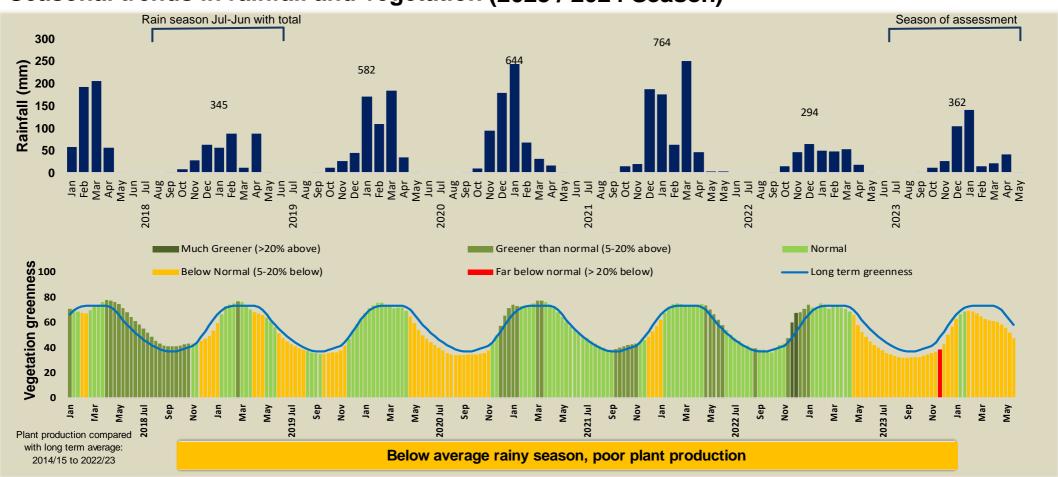
Mayuni **Climate and Vegetation Report**



D1

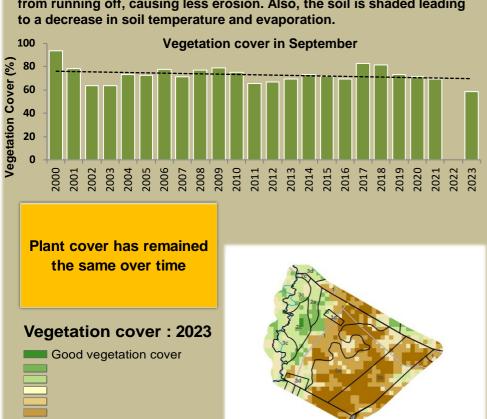
Adapting in response to the current environmental conditions ...

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

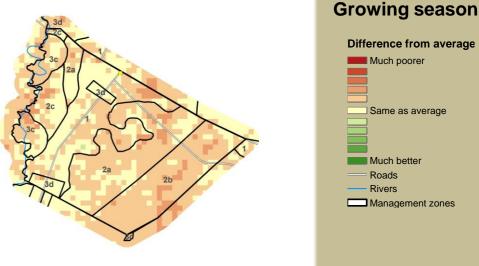


Vegetation cover trend (2000 - 2023)

High vegetation cover is good because more rainwater is prevented from running off, causing less erosion. Also, the soil is shaded leading



Vegetation productivity (February to April) 2024



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

Management Options

-Do nothing

Fire management

Burns between 2000 and 2023

Much bare ground

When and where it burnt in 2023

Burned area

April - July

Aug - December

3 - 5 Apr-Jul: 44.3 sq.km, 29.4 % **6** - 9 **10 - 13**

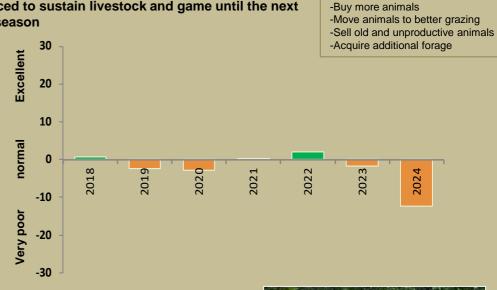
Times burned

Prevent late burns next season

Aug-Dec: 8.9 sq.km, 5.9 %

Forage availability

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



Below normal forage availability - Enough for livestock and game?



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.