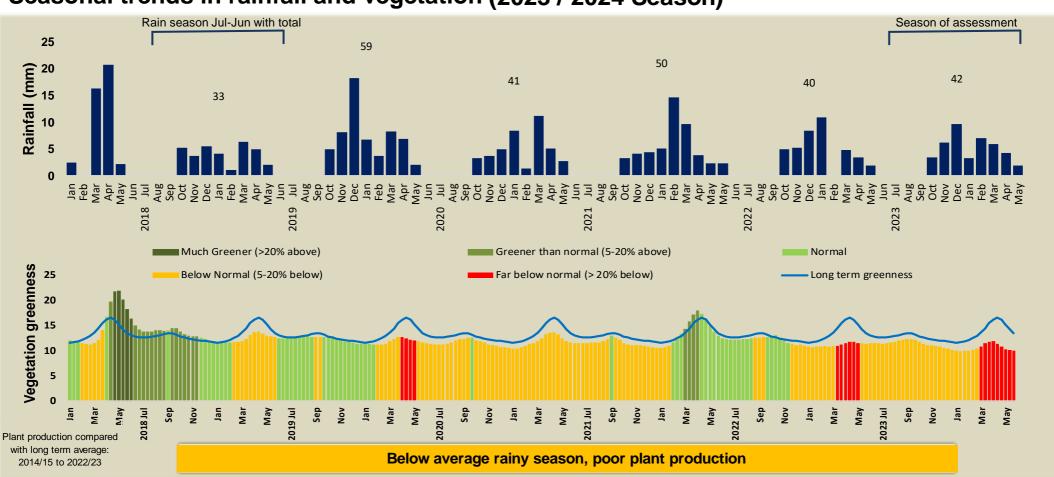
Sesfontein **Climate and Vegetation Report**

Growing season

D1

Adapting in response to the current environmental conditions ...

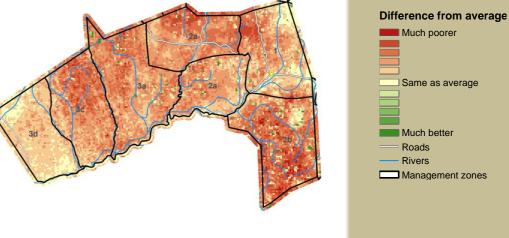
Seasonal trends in rainfall and vegetation (2023 / 2024 Season)



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.





Vegetation productivity (February to April) 2024

Zones

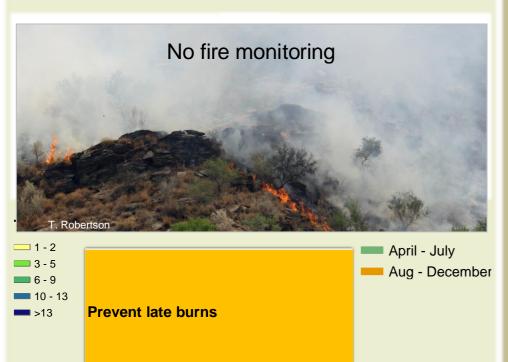
- 1) Settlement & Cropping Area 2a) Multiple Use: Livestock Priority 2b) Multiple Use: Hunting Priority
- 2c) Multiple Use: Tourism Priority
- 2d) Multiple Use: Mining Priority
- 3a) Exclusive Wildlife: All Utilisation 3b) Exclusive Wildlife: Trophy Hunting
- 3c) Exclusive Wildlife: Tourism
- 3d) Exclusive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

4) Forest

Fire management

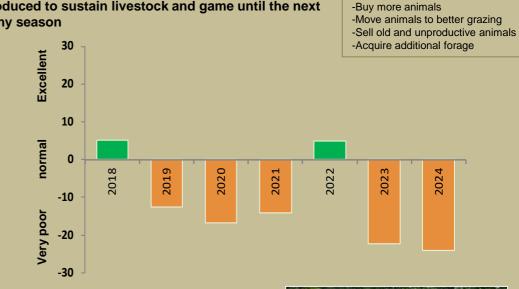
Burns between 2000 and 2023

When and where it burnt in 2023



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?



Management Options

-Do nothing

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.