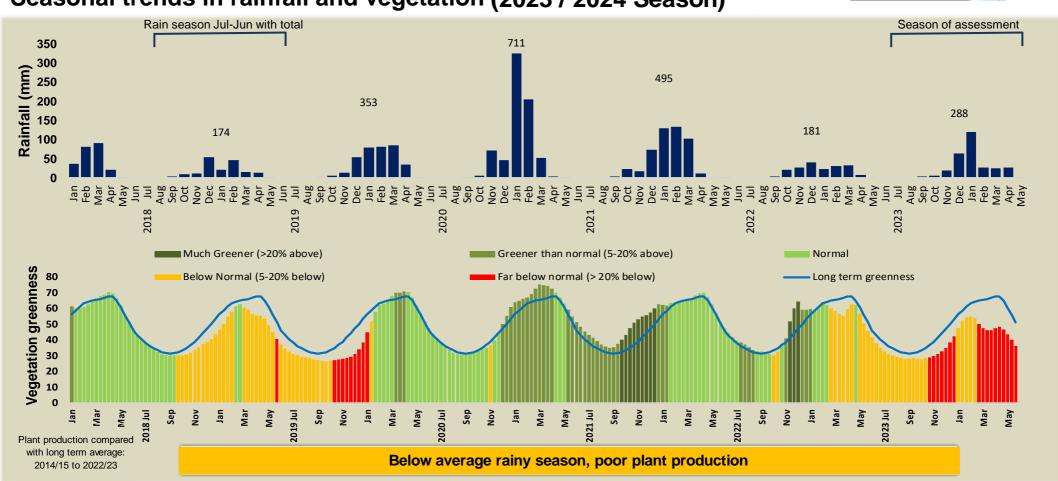
Nyae Nyae **Climate and Vegetation Report**



D1

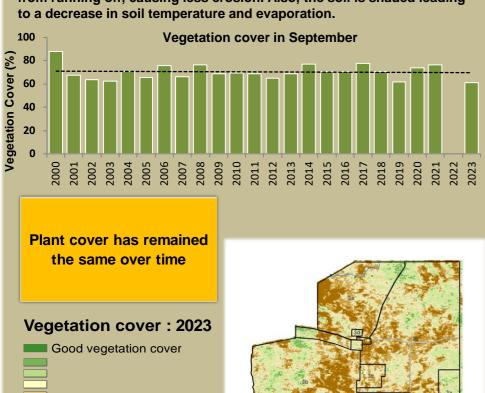
Adapting in response to the current environmental conditions ...

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

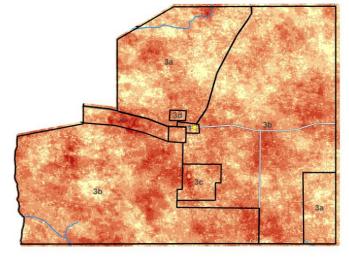


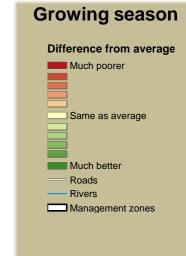
Vegetation cover trend (2000 - 2023)

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



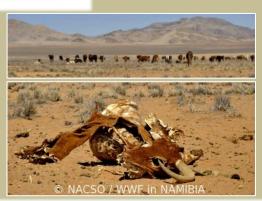
Vegetation productivity (February to April) 2024





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

-Buy more animals

-Do nothing

Fire management

Burns between 2000 and 2023

Much bare ground

___1 - 2 3 - 5 Apr-Jul: 443.9 sq.km, 4.9 % **6** - 9 **10 - 13**

Times burned

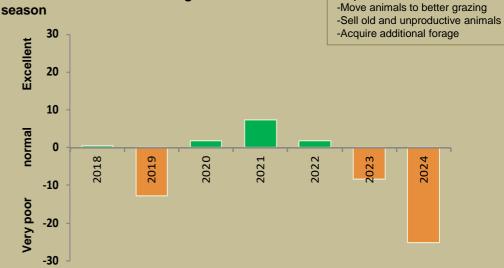
Aug-Dec: 877.1 sq.km, 9.8 % Prevent late burns next season

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



Far 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.