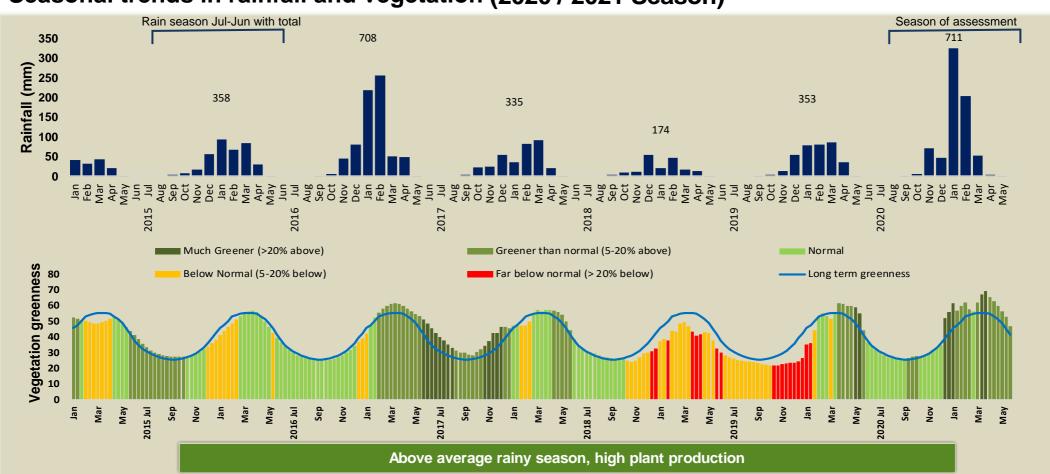
Nyae Nyae **Climate and Vegetation Report**

D1

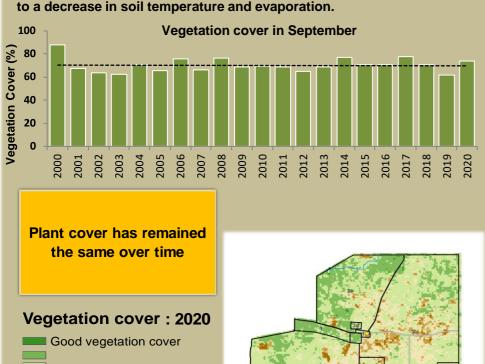
Adapting in response to the current environmental conditions ...

Seasonal trends in rainfall and vegetation (2020 / 2021 Season)

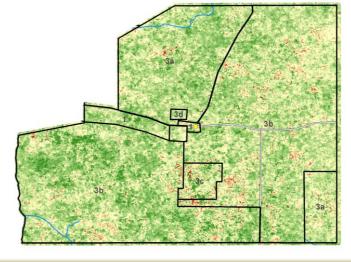


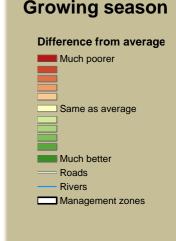
Vegetation cover trend (2000 - 2020)

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.



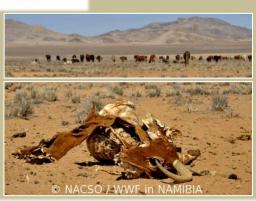
Vegetation productivity (February to April) 2021





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

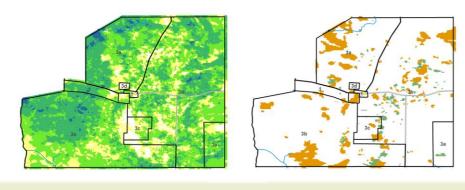
-Buy more animals

-Do nothing

Fire management

Much bare ground

When and where it burnt in 2020 Burns between 2000 and 2020

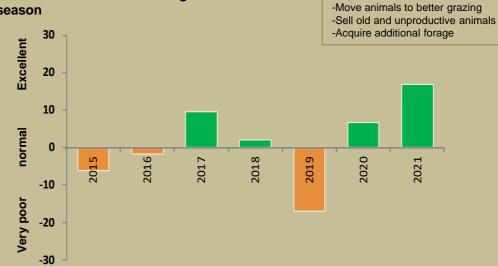


Times burned Burned area ___1 - 2 April - July 3 - 5 Apr-Jul: 175.8 sq.km, 2 % **6** - 9 **10 - 13**

Aug - December Aug-Dec: 971.3 sq.km, 10.8 %

Forage availability

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



Above average forage availability



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.

Prevent late burns next season