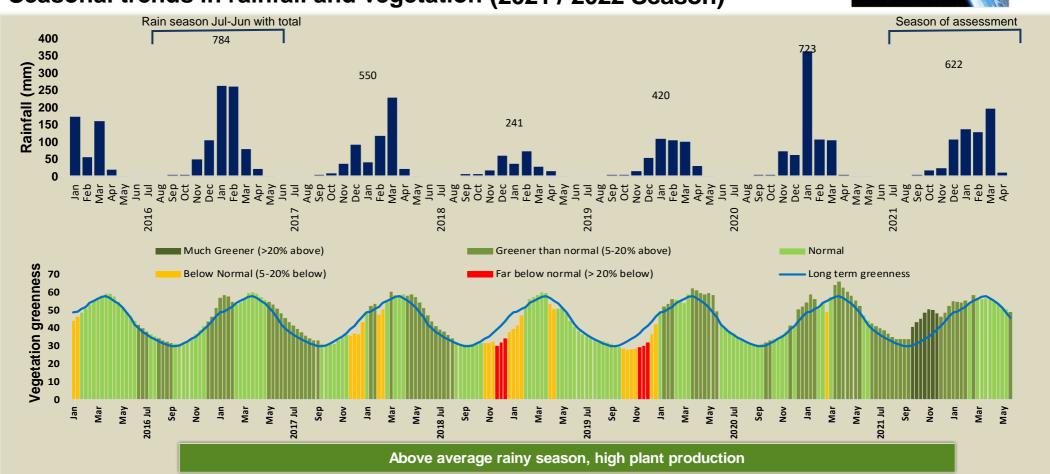
Muduva Nyangana **Climate and Vegetation Report**

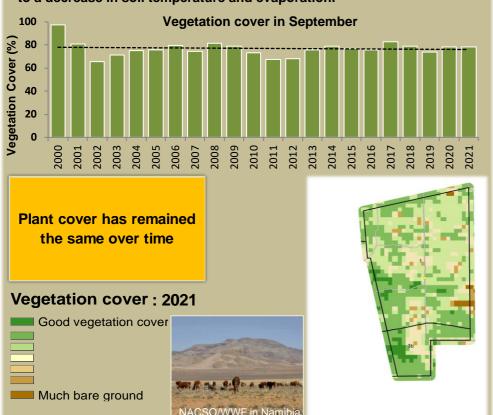
Adapting in response to the current environmental conditions ...

Seasonal trends in rainfall and vegetation (2021 / 2022 Season)

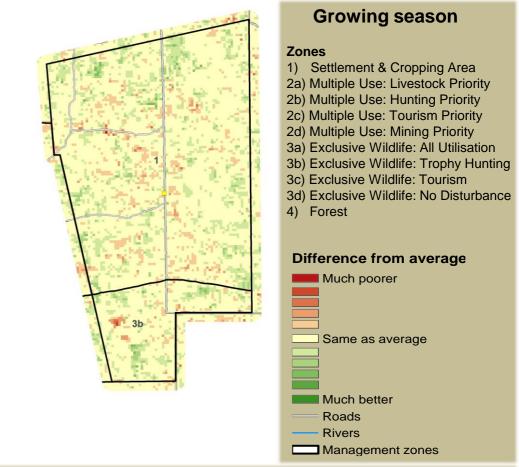


Vegetation cover trend (2000 - 2021)

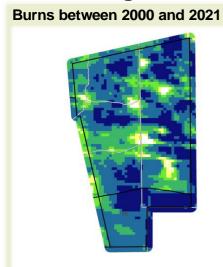
High vegetation cover is good because more rainwater is prevented from running off, causing less erosion. Also the soil is shaded leading to a decrease in soil temperature and evaporation.



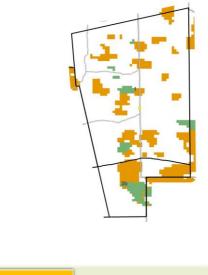
Vegetation productivity (February to April) 2022



Fire management



When and where it burnt in 2021



Burned area

April - July

produced to sustain livestock and game until the next rainy season 20

Normal forage availability



Times burned

3 - 5 **6** - 9

= >13

10 - 13

Prevent late burns next season

Apr-Jul: 23.4 sq.km, 3.8 %

Aug-Dec: 99 sq.km, 16.1 %

Aug - December

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.