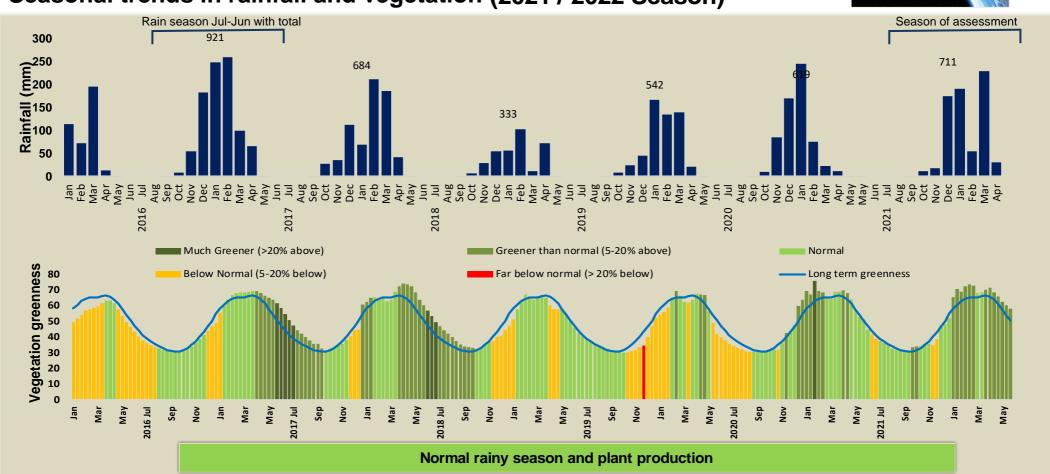
Sobbe **Climate and Vegetation Report**

Adapting in response to the current environmental conditions ...

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

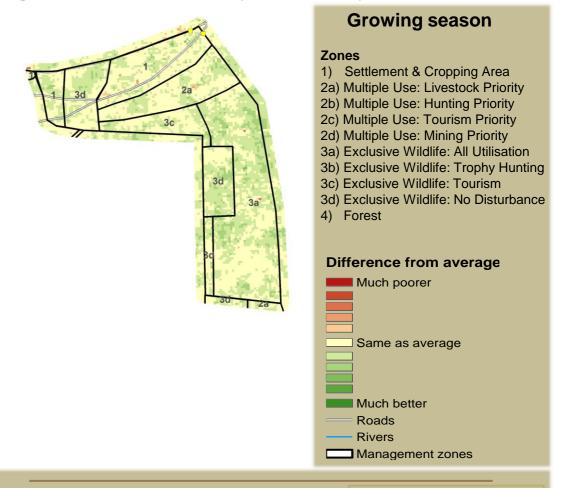


Vegetation cover trend (2000 - 2021)

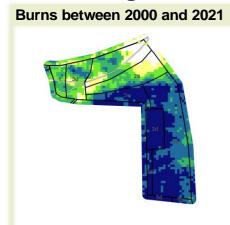
High vegetation cover is good because more rainwater is prevented from running off, causing less erosion. Also the soil is shaded leading to a decrease in soil temperature and evaporation.



Vegetation productivity (February to April) 2022



Fire management

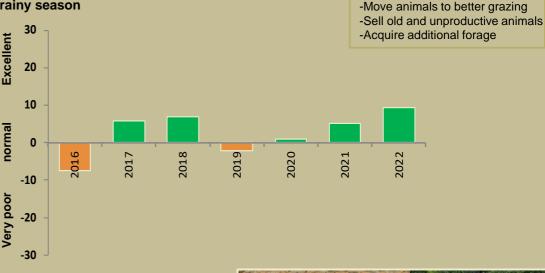


When and where it burnt in 2021



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

Forage availability



Normal forage availability



Management Options

-Do nothing

-Buy more animals

Times burned

3 - 5

10 - 13

6 - 9 **=** >13

Prevent late burns next season

Aug-Dec: 108.3 sq.km, 27.7 %

Apr-Jul: 70.1 sq.km, 17.9 %

Burned area

April - July

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.