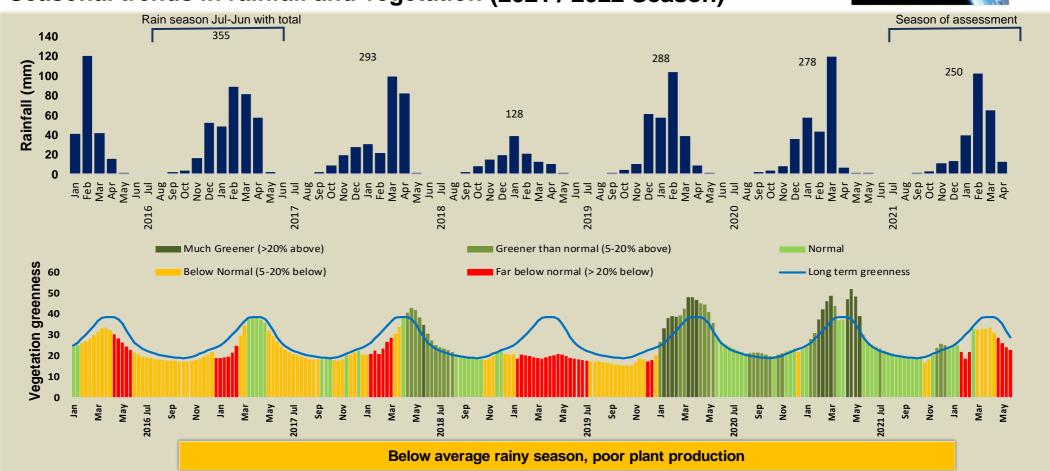
lipumbu ya Tshilongo **Climate and Vegetation Report**

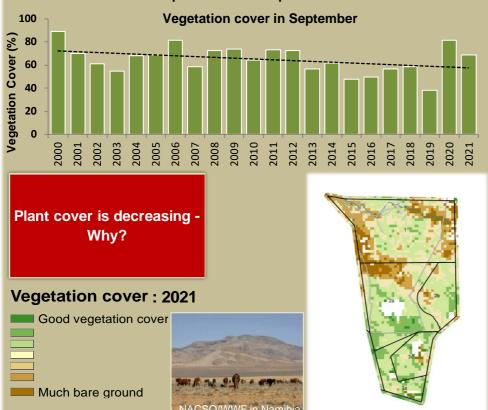
Adapting in response to the current environmental conditions ...

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.



Fire management

Burns between 2000 and 2021 When and where it burnt in 2021

No fire monitoring

Times burned

Aug-Dec: 317.8 sq.km, 20.5 % 3 - 5

6 - 9

10 - 13 13

Apr-Jul: sq.km, %

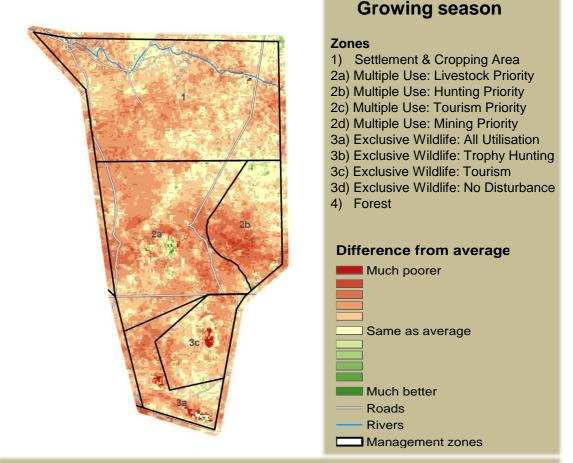
Prevent late burns next season

Burned area

April - July

Aug - December

Vegetation productivity (February to April) 2022



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

-Buy more animals

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.