

2023

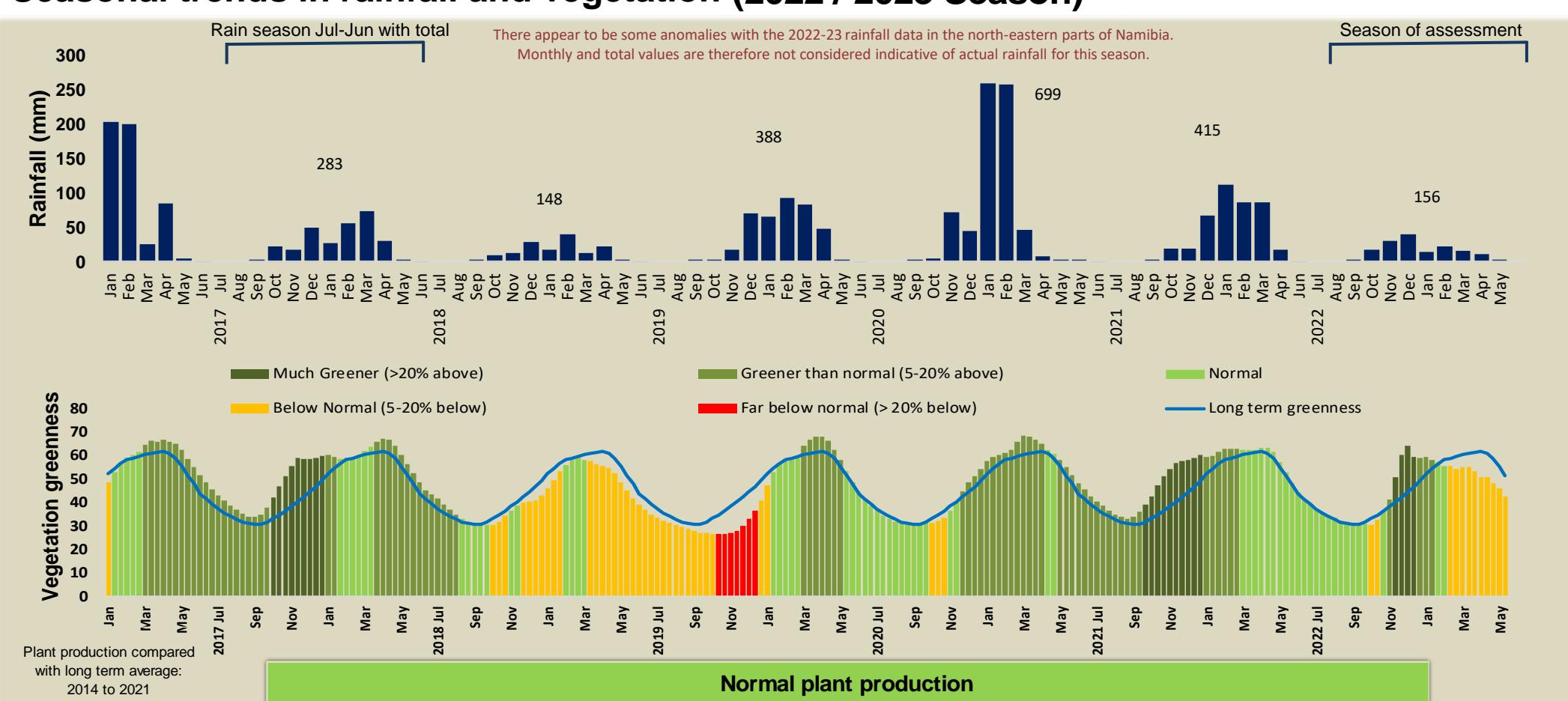
Eiseb

Climate and Vegetation Report

D1

Adapting in response to the current environmental conditions ...

Seasonal trends in rainfall and vegetation (2022 / 2023 Season)



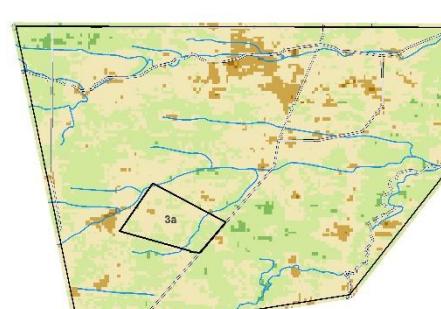
Vegetation cover trend (2000 - 2021)

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.



Plant cover has remained the same over time

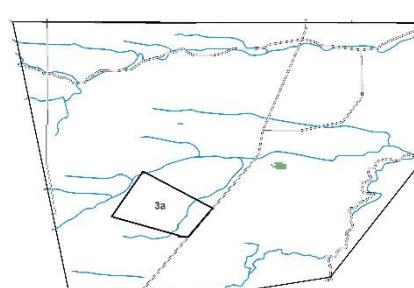
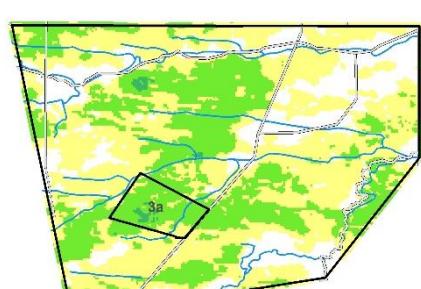
Vegetation cover : 2021



Fire management

Burns between 2000 and 2022

When and where it burnt in 2022



Times burned

Apr-Jul: sq.km, 0 %

Aug-Dec: 161.3 sq.km, 2.4 %

Prevent late burns next season

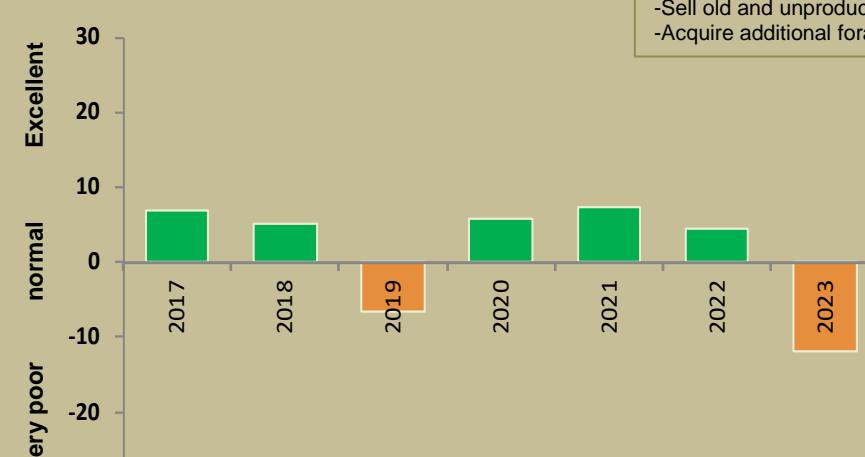
Burned area

April - July

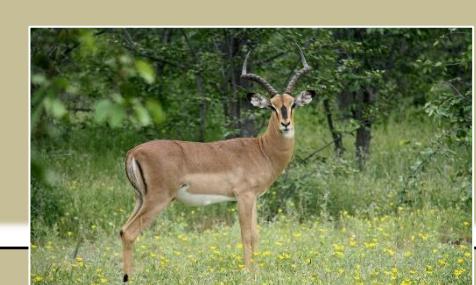
Aug - December

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?



T. Robertson