

2023

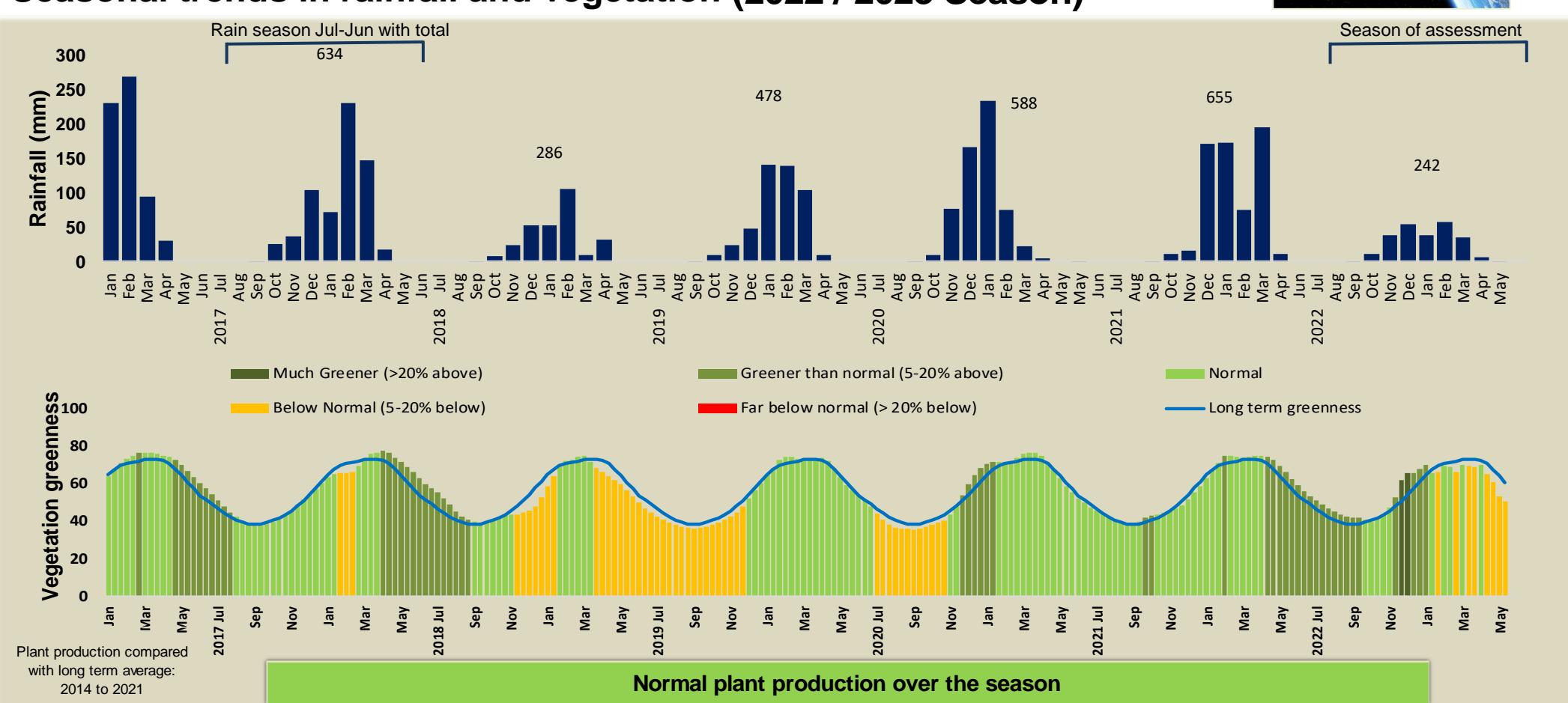
Dzoti

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.



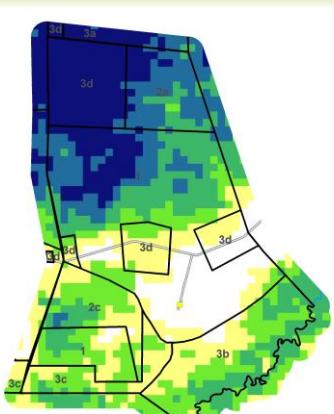
Plant cover has remained the same over time

Vegetation cover : 2021



Fire management

Burns between 2000 and 2022



Times burned

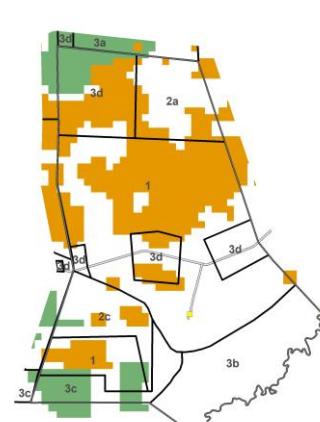
- 1 - 2
- 3 - 5
- 6 - 9
- 10 - 13
- >13

Apr-Jul: sq.km, 0 %

Aug-Dec: 65.1 sq.km, 22.7 %

Prevent late burns next season

When and where it burnt in 2022

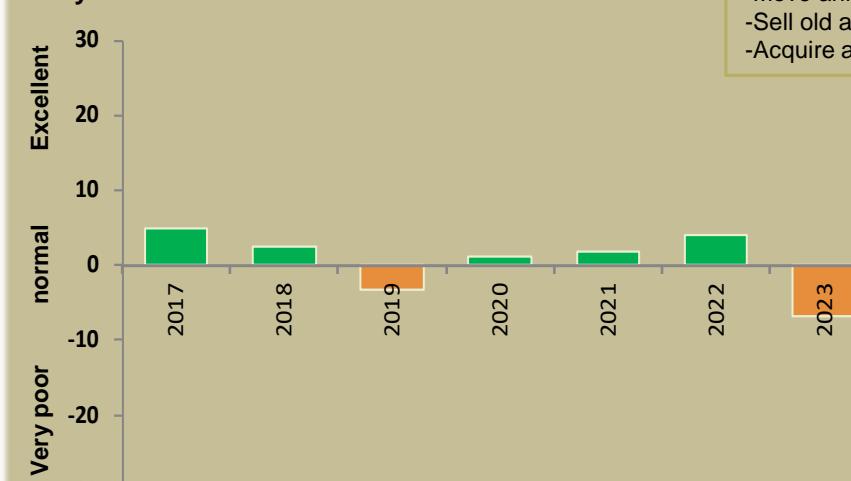


Burned area

- 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



Management Options

- Do nothing
- Buy more animals
- Move animals to better grazing
- Sell old and unproductive animals
- Acquire additional forage

