

2023

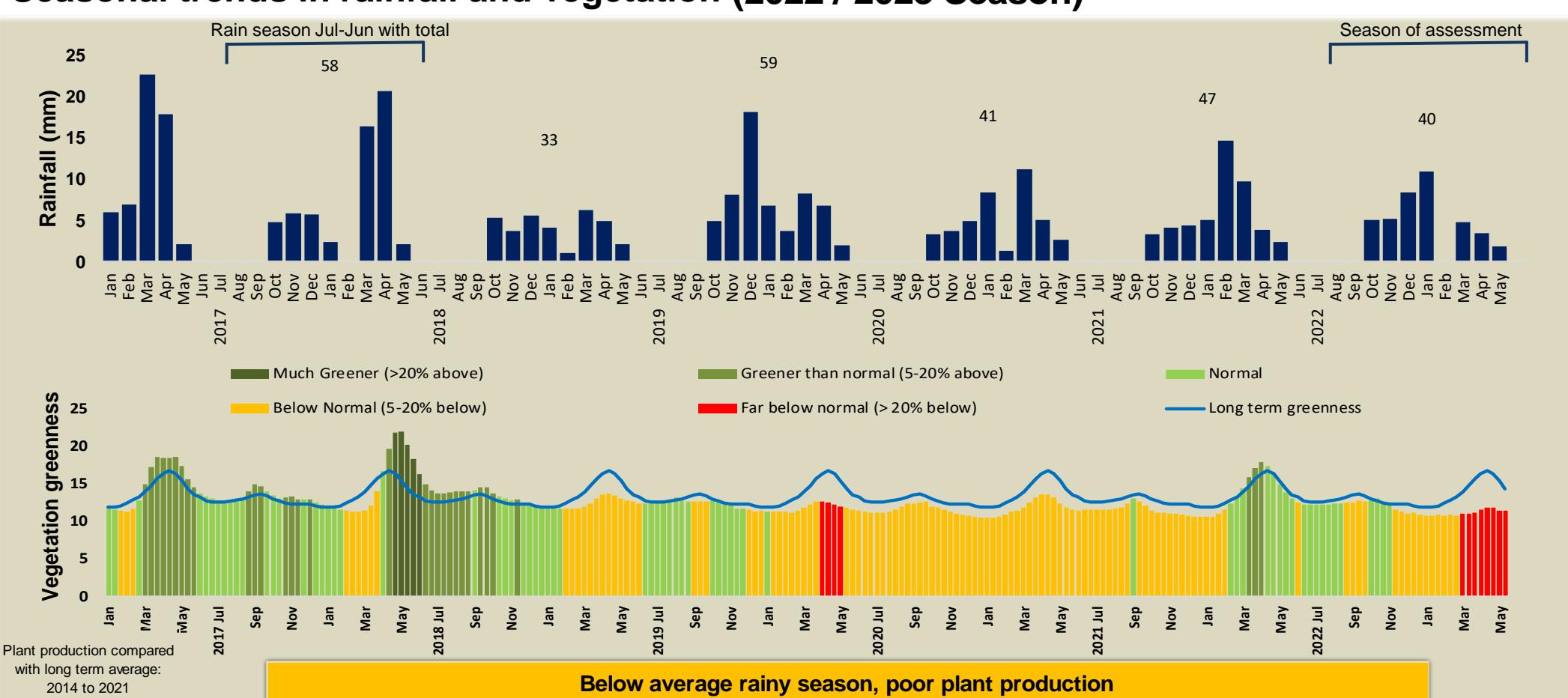
# Sesfontein

## 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 is decreasing - Why?



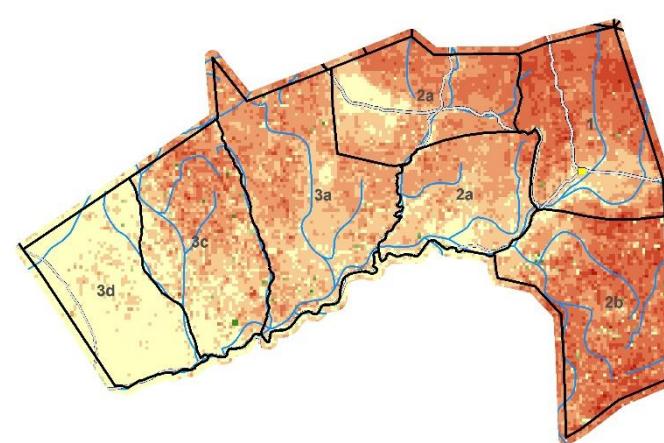
### Fire management

Burns between 2000 and 2022



When and where it burnt in 2022

### Vegetation productivity (February to April) 2023



1) Settlement & Cropping Area

2a) Multiple Use: Livestock Priority

2b) Multiple Use: Hunting Priority

2c) Multiple Use: Tourism Priority

2d) Multiple Use: Mining Priority

3a) Exclusive Wildlife: All Utilisation

3b) Exclusive Wildlife: Trophy Hunting

3c) Exclusive Wildlife: Tourism

3d) Exclusive Wildlife: No Disturbance

4) Forest



### Forage availability

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

