

2023

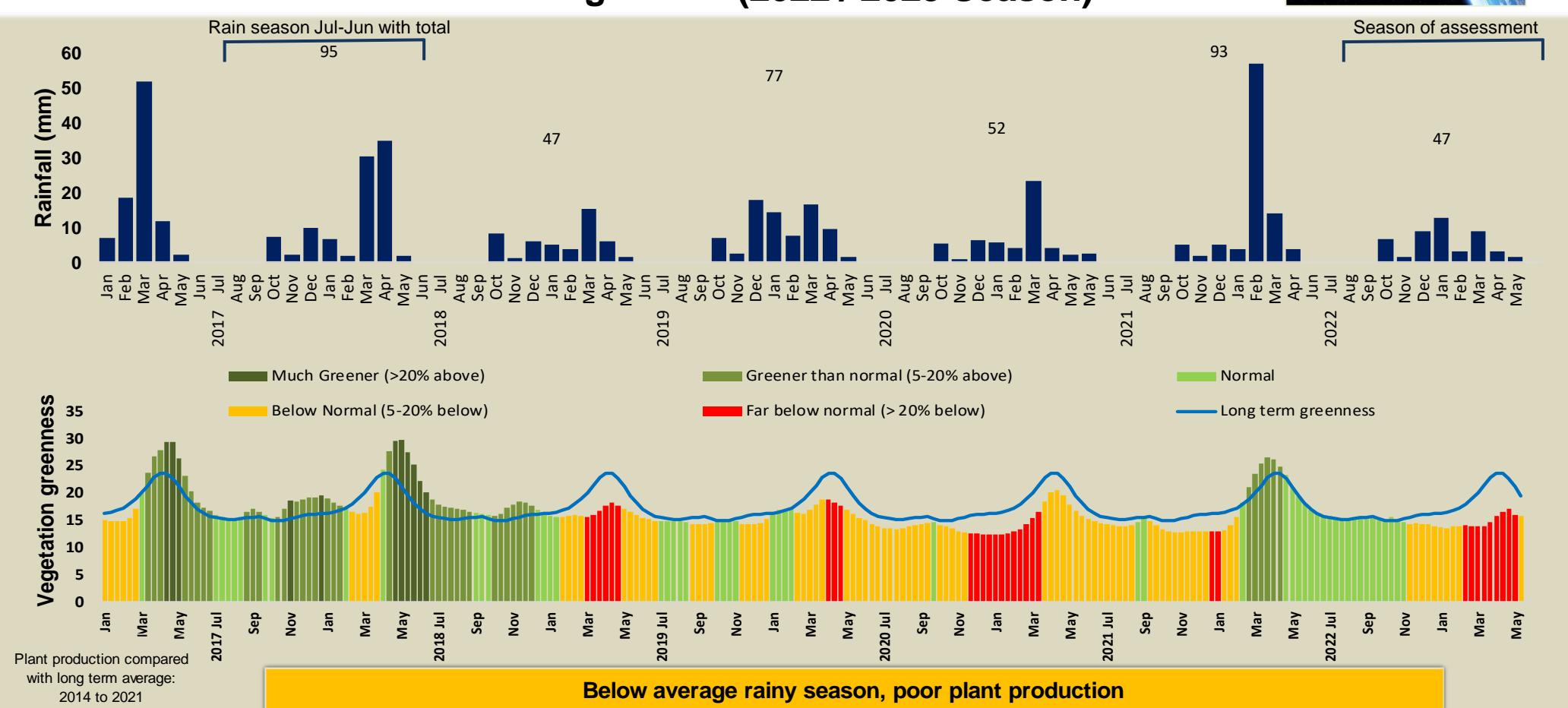
Okondjombo

Climate and Vegetation Report

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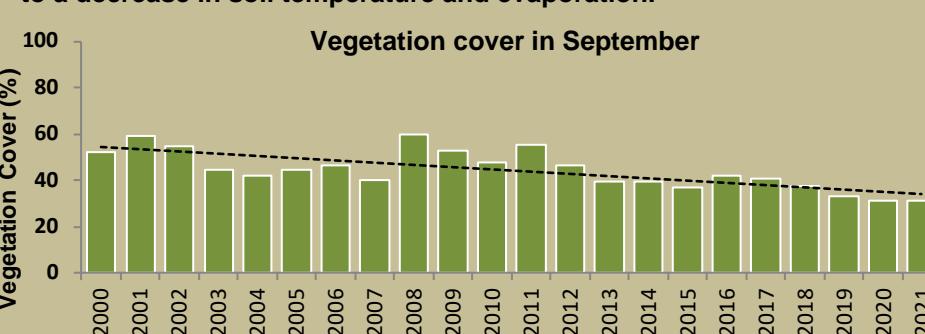
Adapting in response to the current environmental conditions ...

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



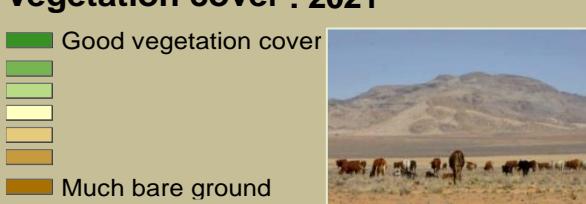
Vegetation cover trend (2000 - 2021)

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?

Vegetation cover : 2021



Fire management

Burns between 2000 and 2022

When and where it burnt in 2022

No fire monitoring



Times burned

Prevent late burns

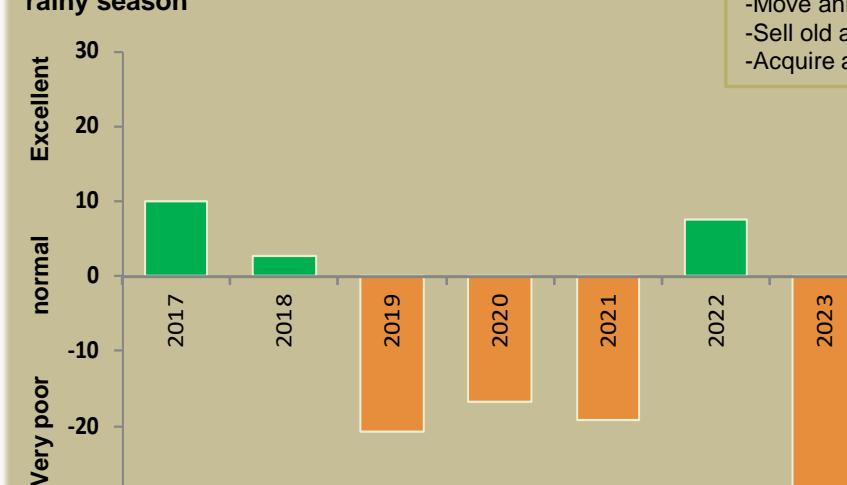
- 1 - 2
- 3 - 5
- 6 - 9
- 10 - 13
- >13

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



Far below normal forage availability - Enough for livestock and game?



Management Options

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

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.