

2024

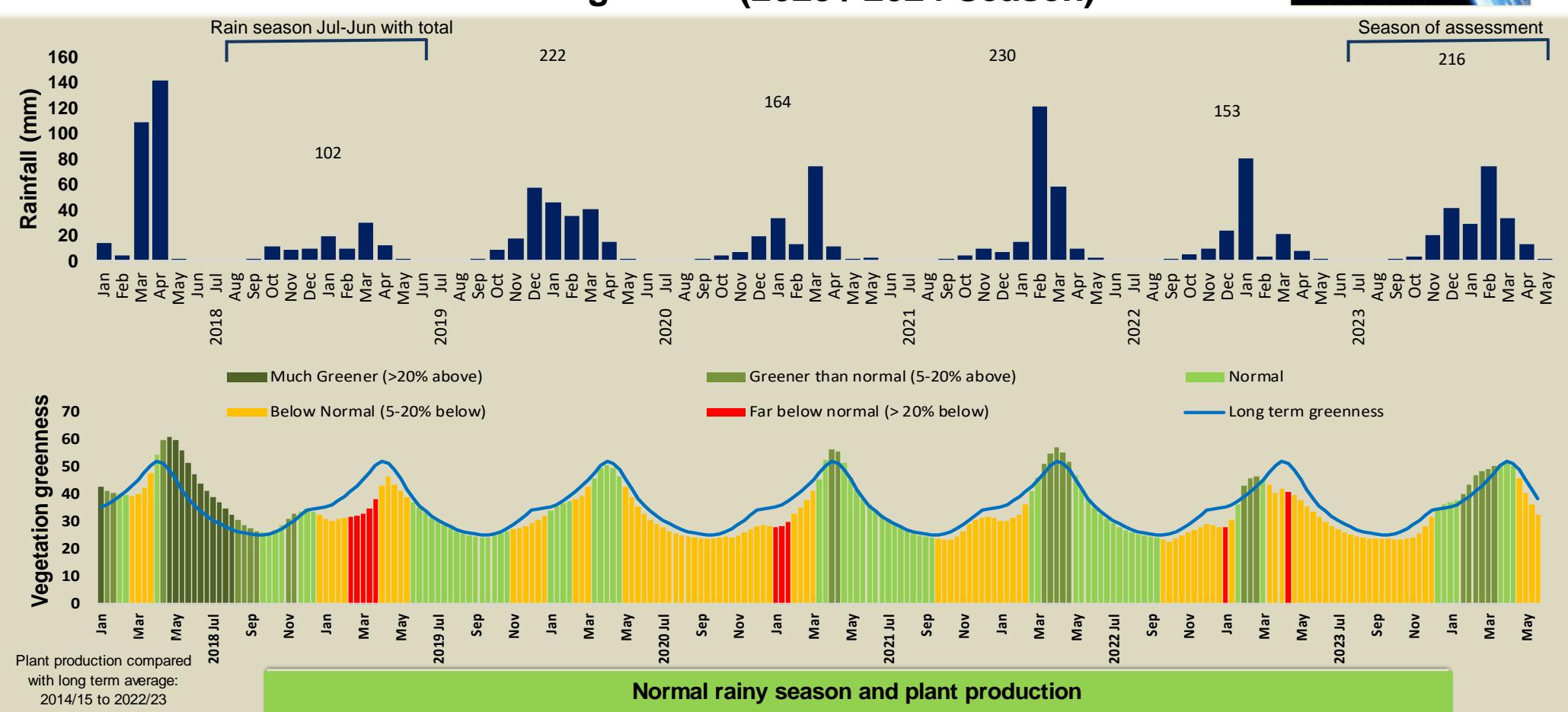
Okatjandja Kozomenje

Climate and Vegetation Report

D1

Adapting in response to the current environmental conditions ...

Seasonal trends in rainfall and vegetation (2023 / 2024 Season)



Vegetation cover trend (2000 - 2023)

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 : 2023

Good vegetation cover
Same as average
Much better
Much bare ground



Fire management

Burns between 2000 and 2023

When and where it burnt in 2023

No fire monitoring



Times burned

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

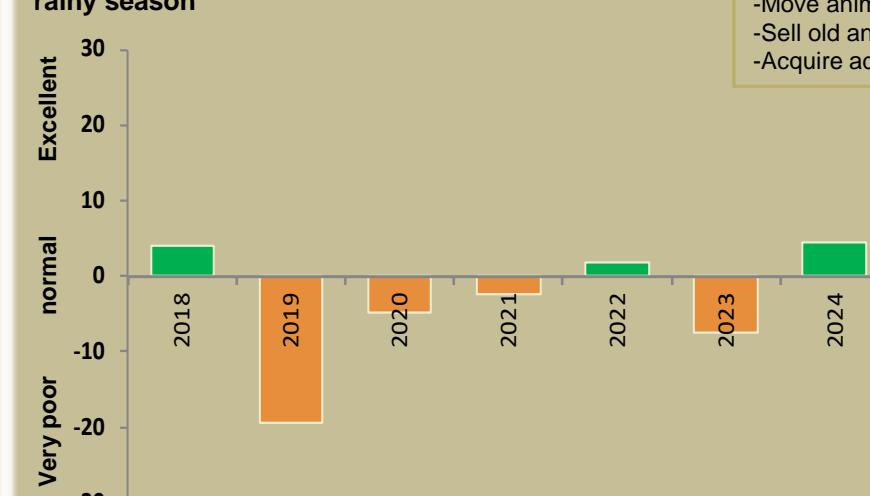
Prevent late burns

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



Normal forage availability



Management Options

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