

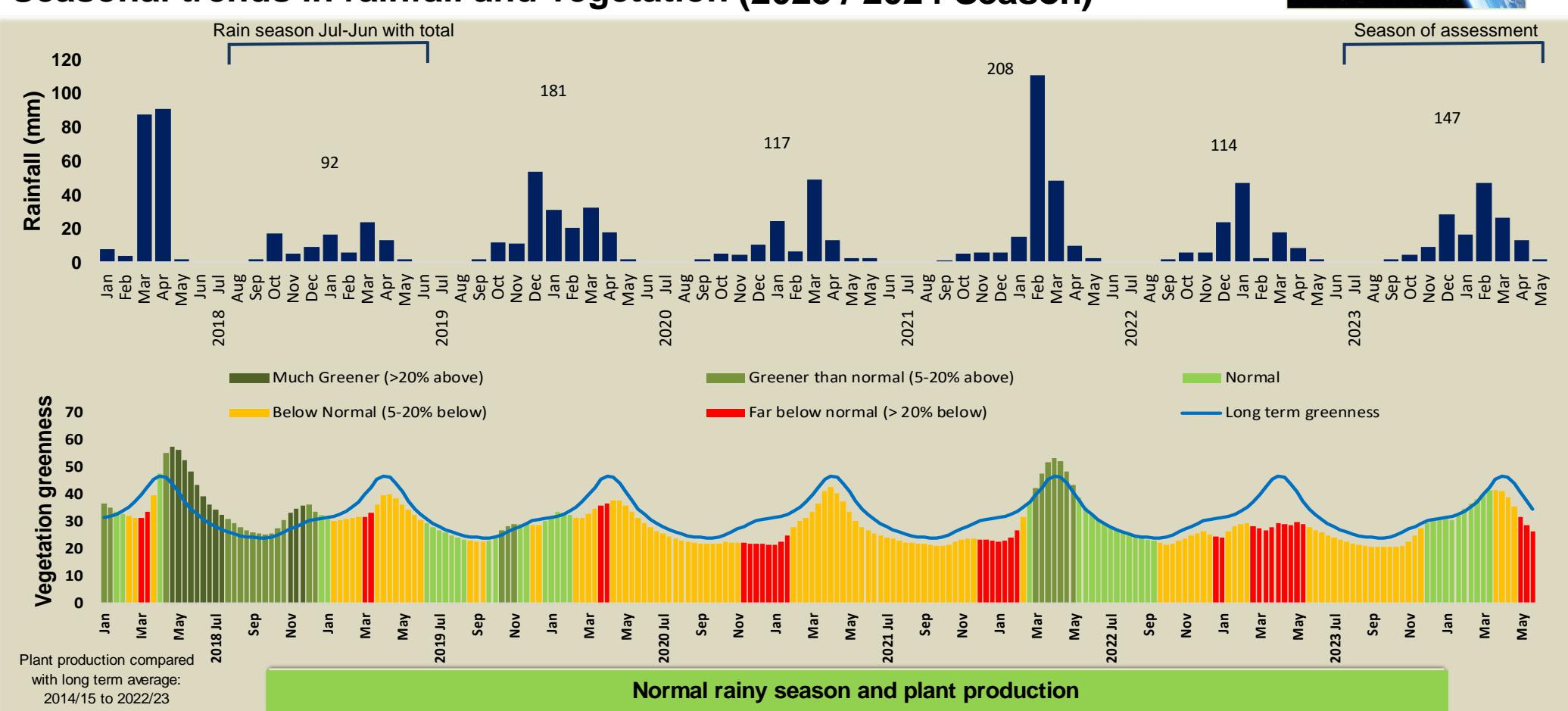
2024

# Otjambangu Climate and Vegetation Report

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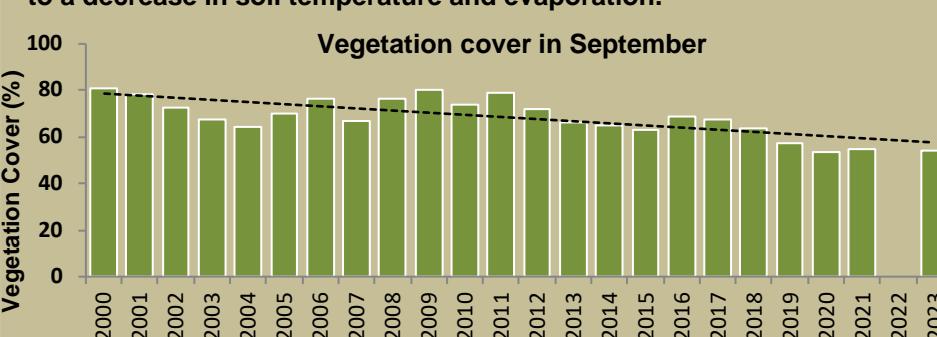
Adapting in response to the current environmental conditions ...

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  
Same as average  
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

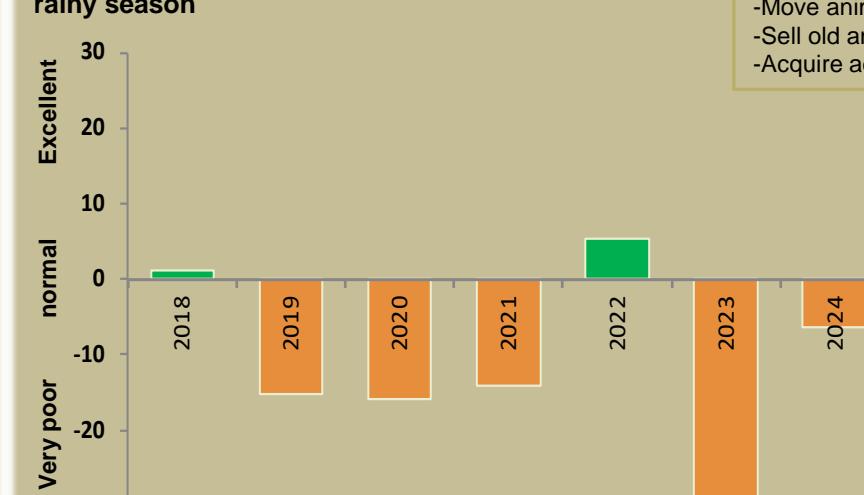
Prevent late burns

### 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



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.