

2024

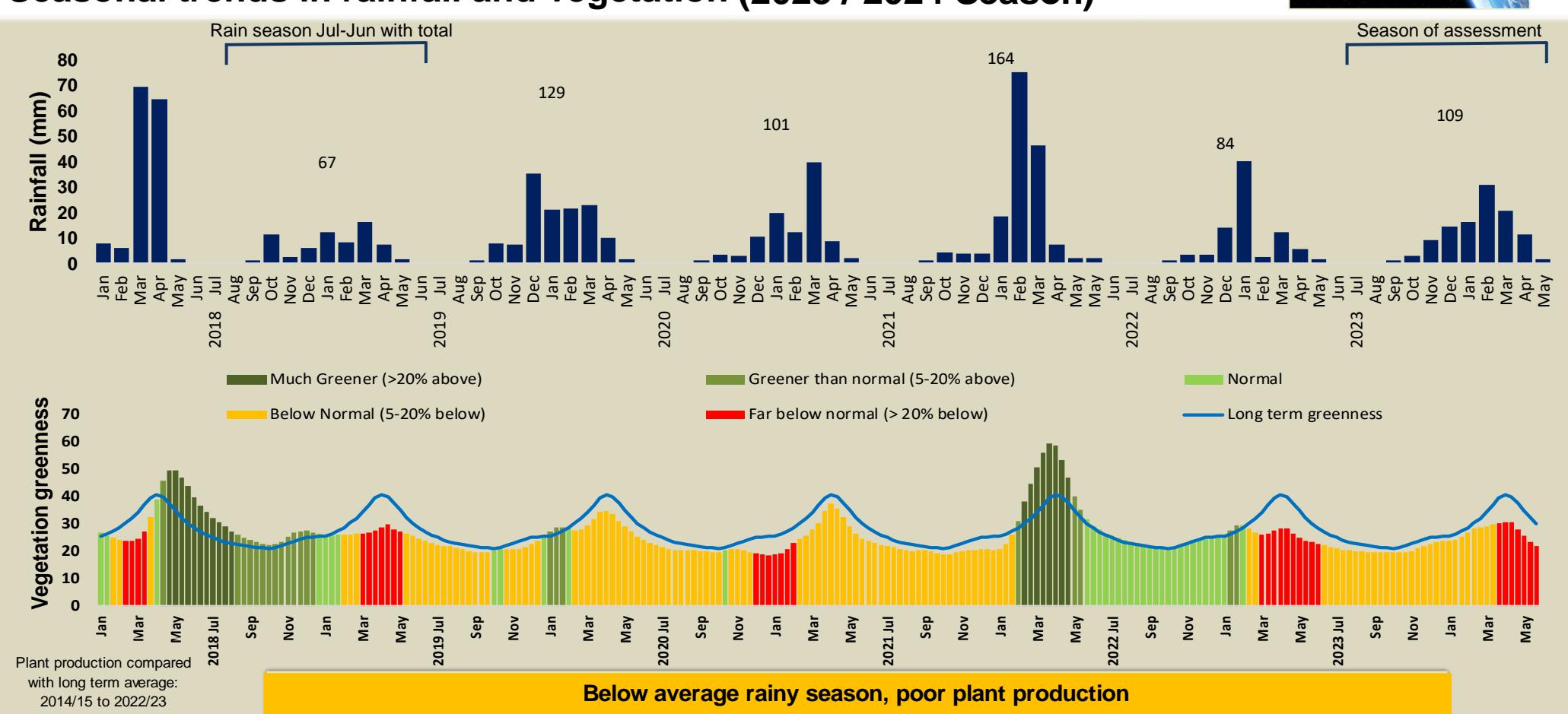
# Omatendeka

## 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  
Medium vegetation cover  
Bare ground  
Much bare ground



### Fire management

Burns between 2000 and 2023

When and where it burnt in 2023

No fire maps



#### Times burned

Apr-Jul: 9.1 sq.km, 0.6 %

Aug-Dec: 0 sq.km, 0 %

Prevent late burns next season

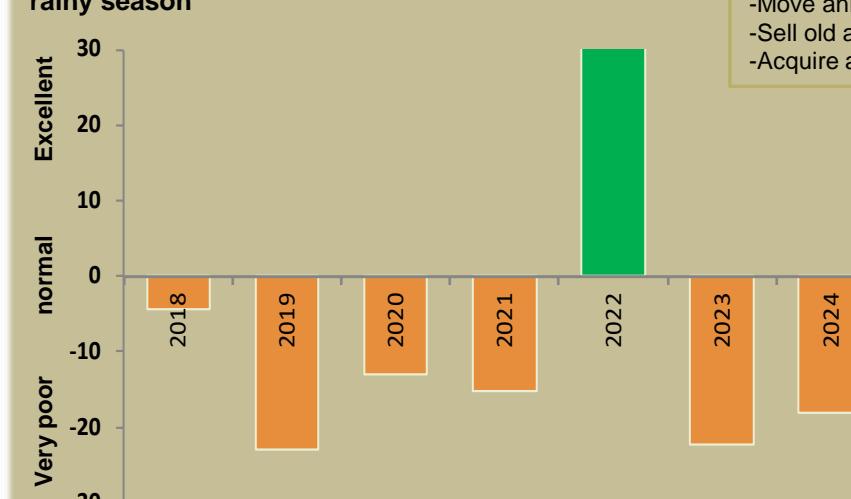
1 - 2  
3 - 5  
6 - 9  
10 - 13  
>13

#### 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



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