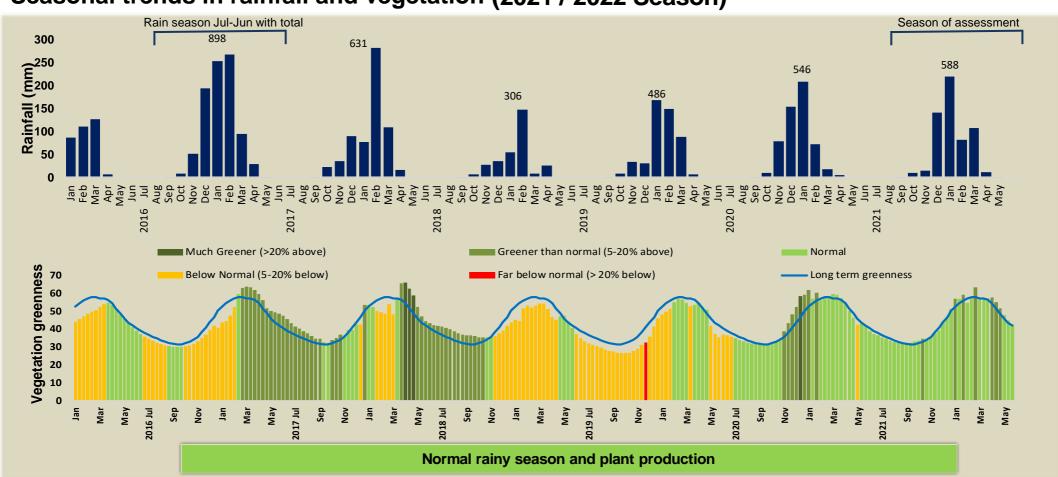
Salambala Climate and Vegetation Report

D1

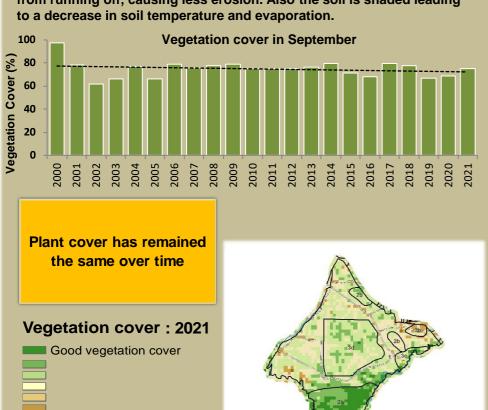
Adapting in response to the current environmental conditions ...

Seasonal trends in rainfall and vegetation (2021 / 2022 Season)

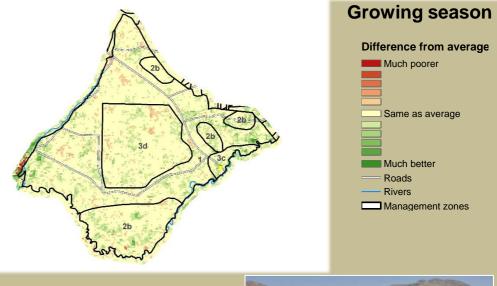


Vegetation cover trend (2000 - 2021)

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.



Vegetation productivity (February to April) 2022



Zones

- 1) Settlement & Cropping Area
- 2a) Multiple Use: Livestock Priority2b) Multiple Use: Hunting Priority
- 2c) Multiple Use: Tourism Priority
- 2d) Multiple Use: Mining Priority
- 3a) Exclusive Wildlife: All Utilisation3b) Exclusive Wildlife: Trophy Hunting
- 3c) Exclusive Wildlife: Tourism
- 3d) Exclusive Wildlife: No Disturbance4) Forest



Management Options

-Buy more animals

-Do nothing

Fire management

10 - 13

Much bare ground

Burns between 2000 and 2021 When and where it burnt in 2021

Times burned

Burned area

1 - 2

3 - 5

6 - 9

Apr-Jul: 2.3 sq.km, 0.3 %

Apr-Jul: 2.3 sq.km, 0.3 %

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.

Aug-Dec: 56 sq.km, 6 %

Prevent late burns next season