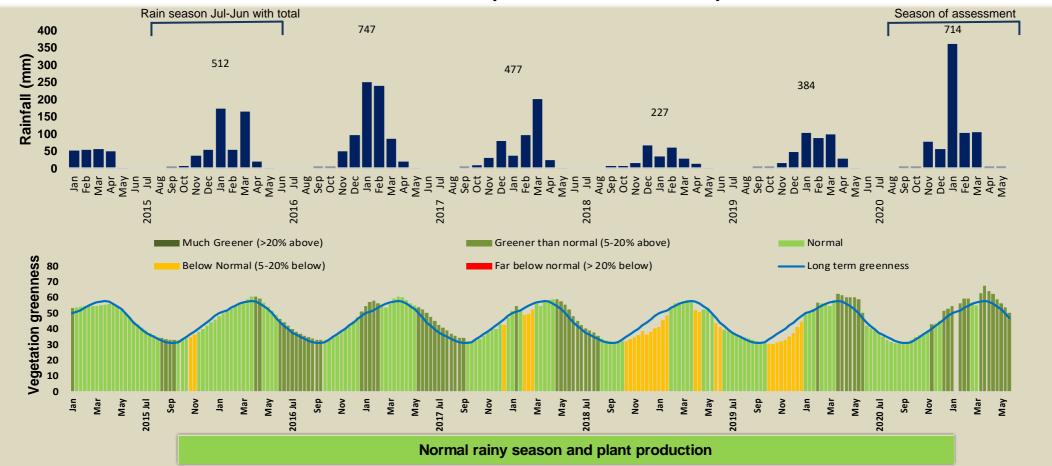
# George Mukoya **Climate and Vegetation Report**

Adapting in response to the current environmental conditions ...



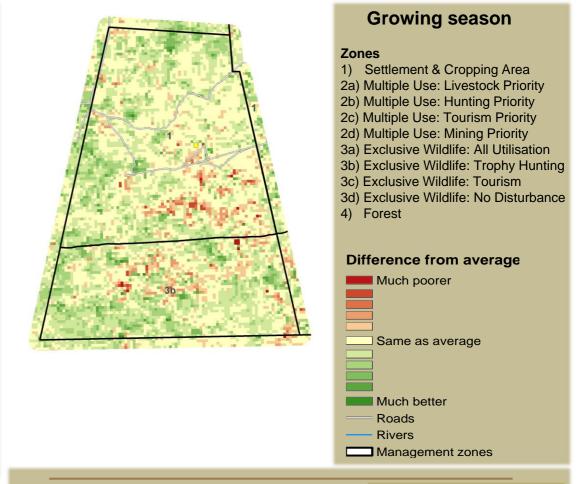


#### Vegetation cover trend (2000 - 2020)

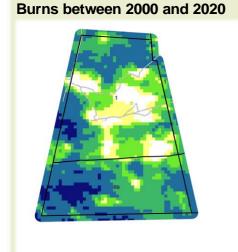
#### High vegetation cover is good because more rainwater is prevented from running off, causing less erosion. Also the soil is shaded leading to a decrease in soil temperature and evaporation.



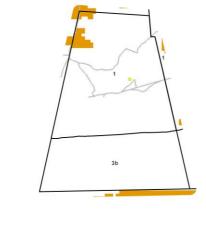
#### **Vegetation productivity (February to April) 2021**



## Fire management

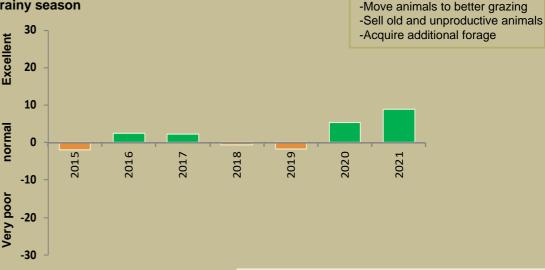


When and where it burnt in 2020



### During the growing season enough forage must be produced to sustain livestock and game until the next rainy season

Forage availability



Normal forage availability





**Management Options** 

-Do nothing

-Buy more animals

**Times burned** 

**3** - 5

**6** - 9 **10 - 13** 

**■** >13

Prevent late burns next season

Aug-Dec: 9.5 sq.km, 2 %

Apr-Jul: sq.km, %

**Burned** area

April - July

Aug - December

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.