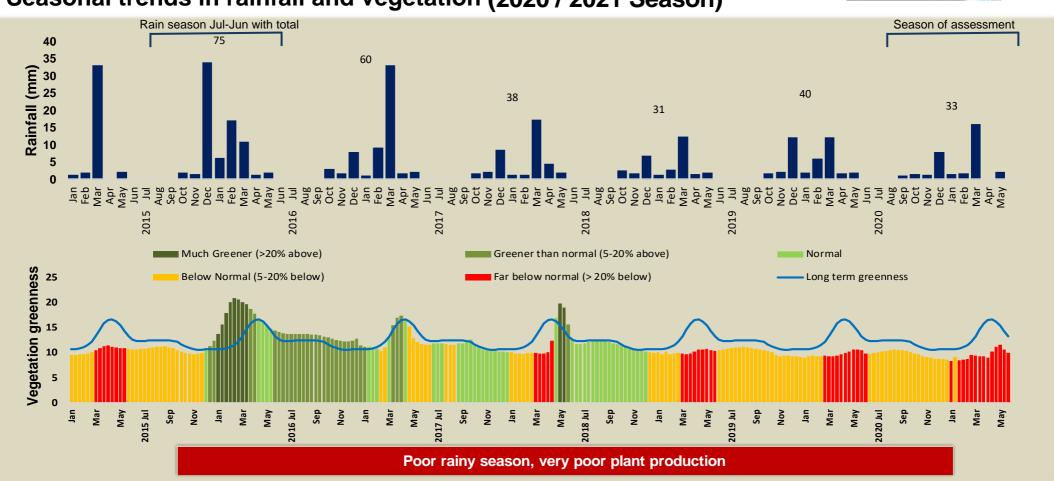
Marienfluss Climate and Vegetation Report

D1

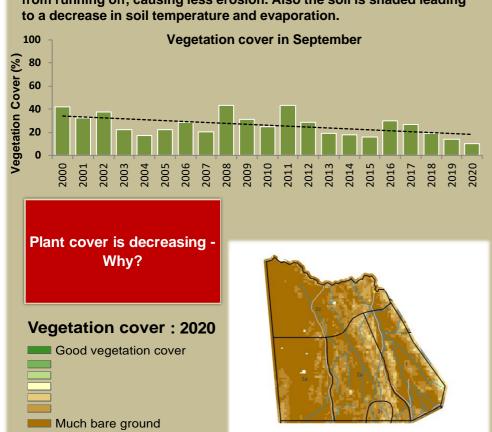
Adapting in response to the current environmental conditions ...

Seasonal trends in rainfall and vegetation (2020 / 2021 Season)

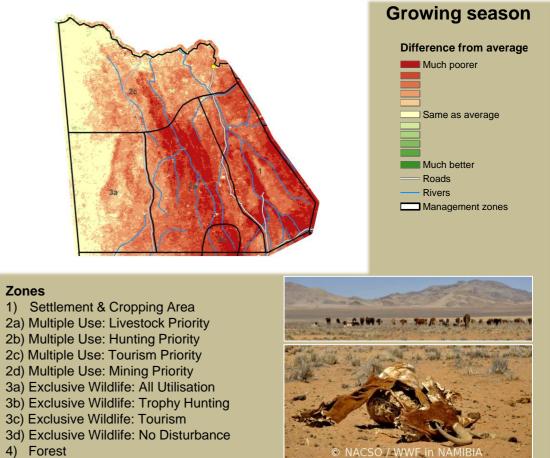


Vegetation cover trend (2000 - 2020)

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

No fire monitoring

Times burned

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

Prevent late burns

When and where it burnt in 2020

Burnet area

April - July
Aug - December

Forage availability

availability - Enough for livestock and game?

During the growing season enough forage must be -Do nothing produced to sustain livestock and game until the next -Buy more animals -Move animals to better grazing rainy season -Sell old and unproductive animals -Acquire additional forage 20 10 2017 -10 Very poor -20 -30 Far below normal forage

Management Options

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.