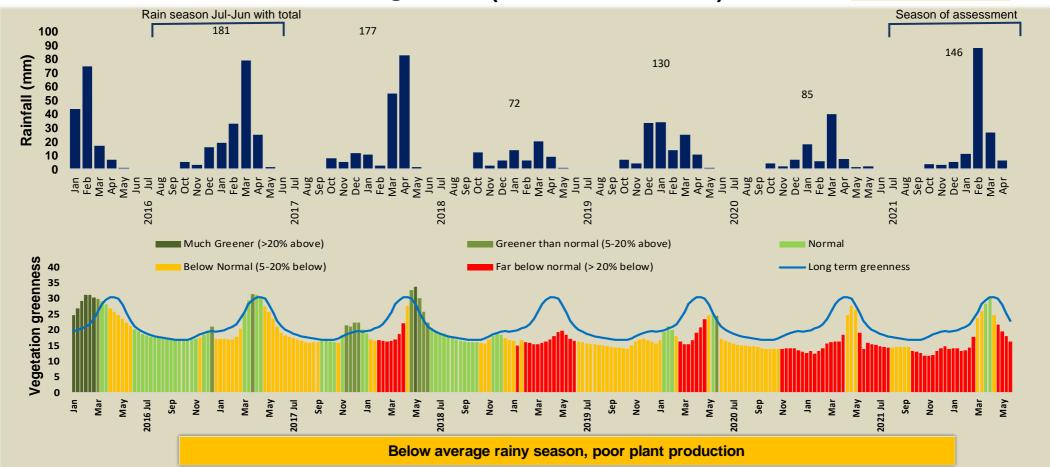
Otjiu-West Climate and Vegetation Report

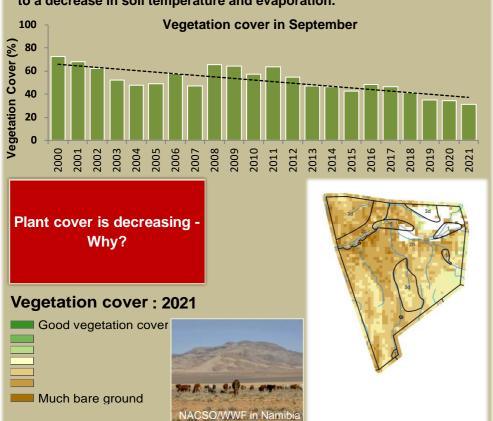
Adapting in response to the current environmental conditions ...



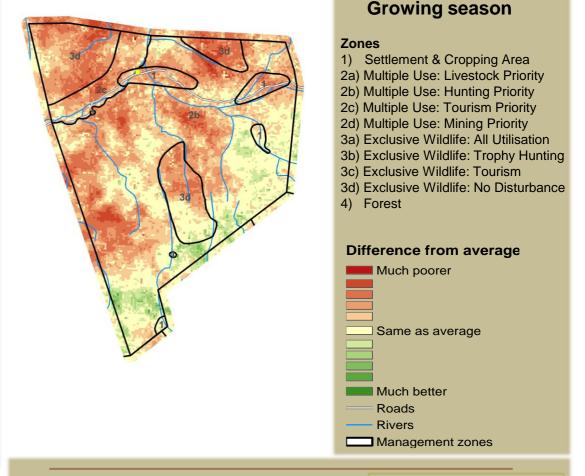


Vegetation cover trend (2000 - 2021)

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







Times burned

3 - 5 6 - 9 10 - 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

-Move animals to better grazing

-Do nothing

-Buy more animals

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.

Prevent late burns