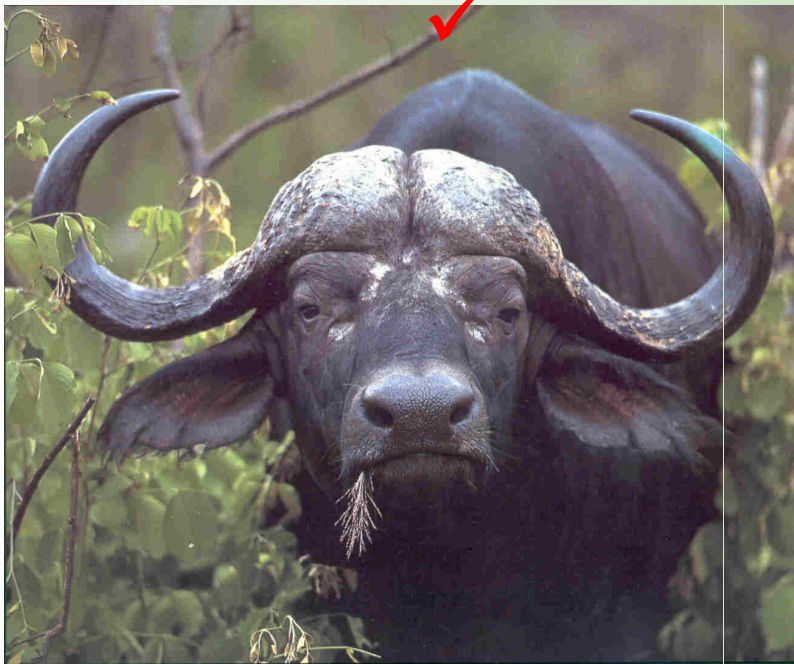


# BUFFALO SURVEY IN THE KRUGER NATIONAL PARK



# RIFT VALLEY FEVER IN THE KNP

- Results of work done by Dr. Roy Bengis, indicate that RVFV is endemic to Kruger National Park. Buffalo calves testing positive for the disease were found in each year's (1996 to 2007 ) buffalo test samples.
- Positive calves were spatially distributed throughout KNP.
- No positive results were obtained from Impala in the same time period



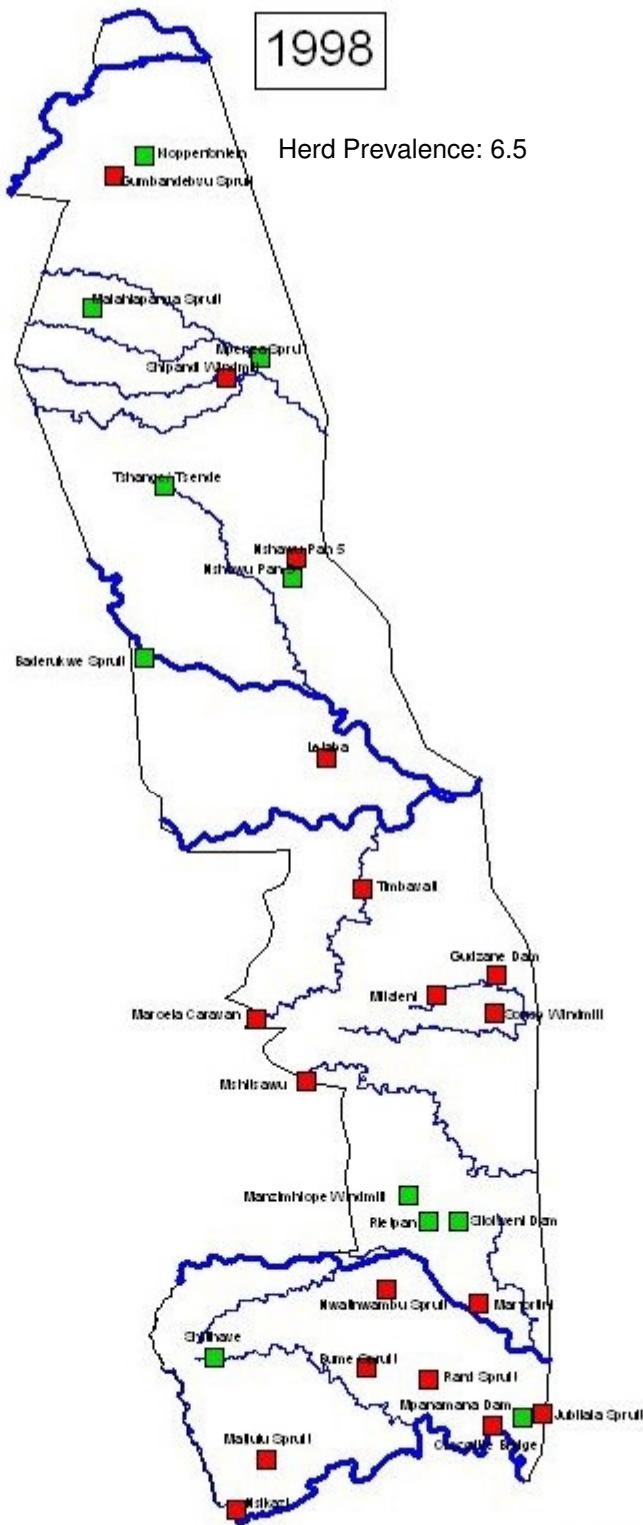
1996

Herd prevalence: 11.8%



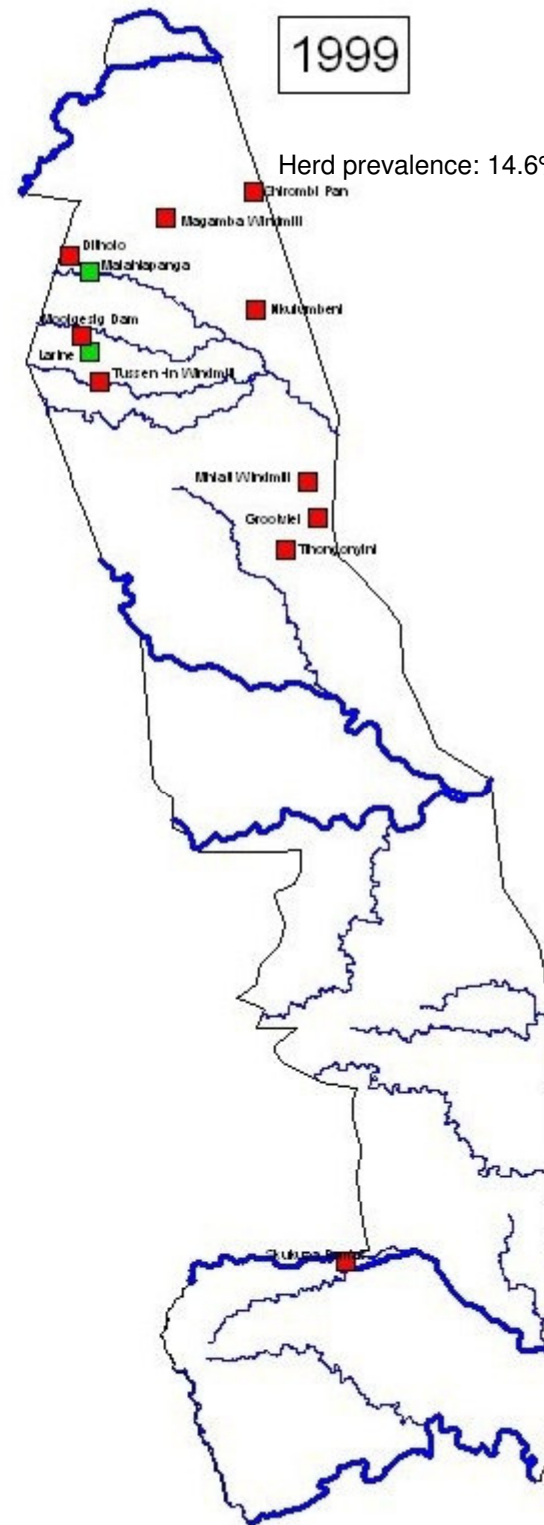
1998

Herd Prevalence: 6.5



1999

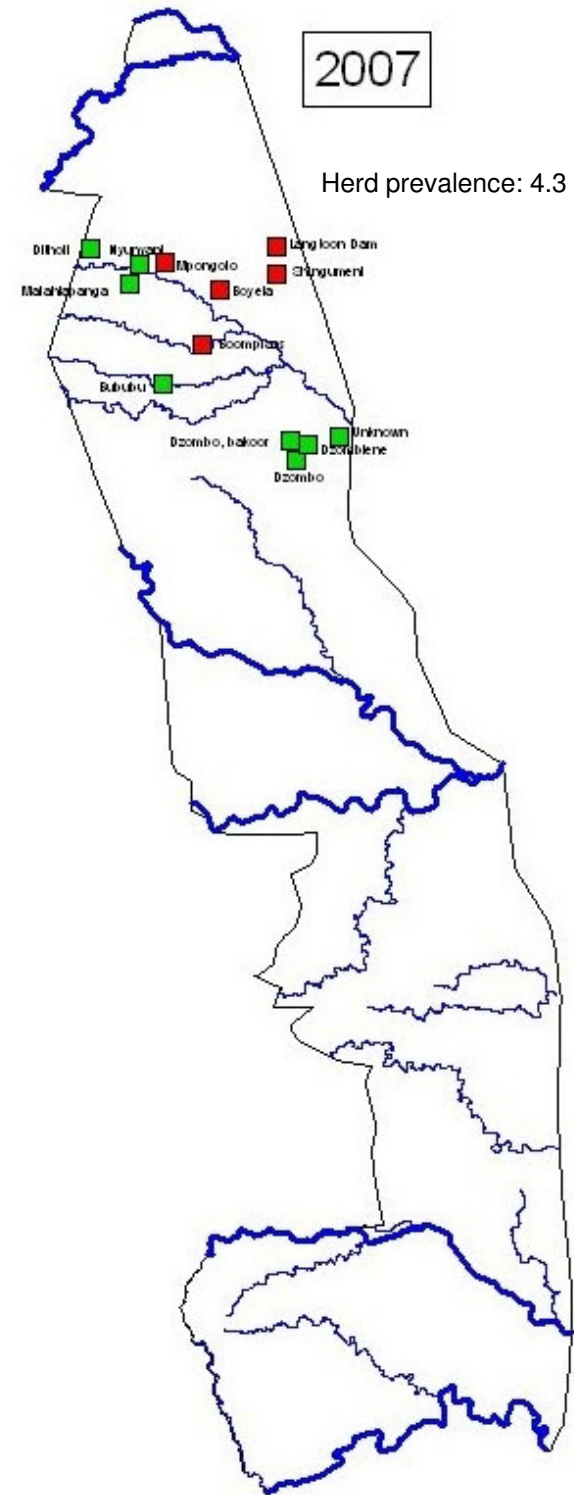
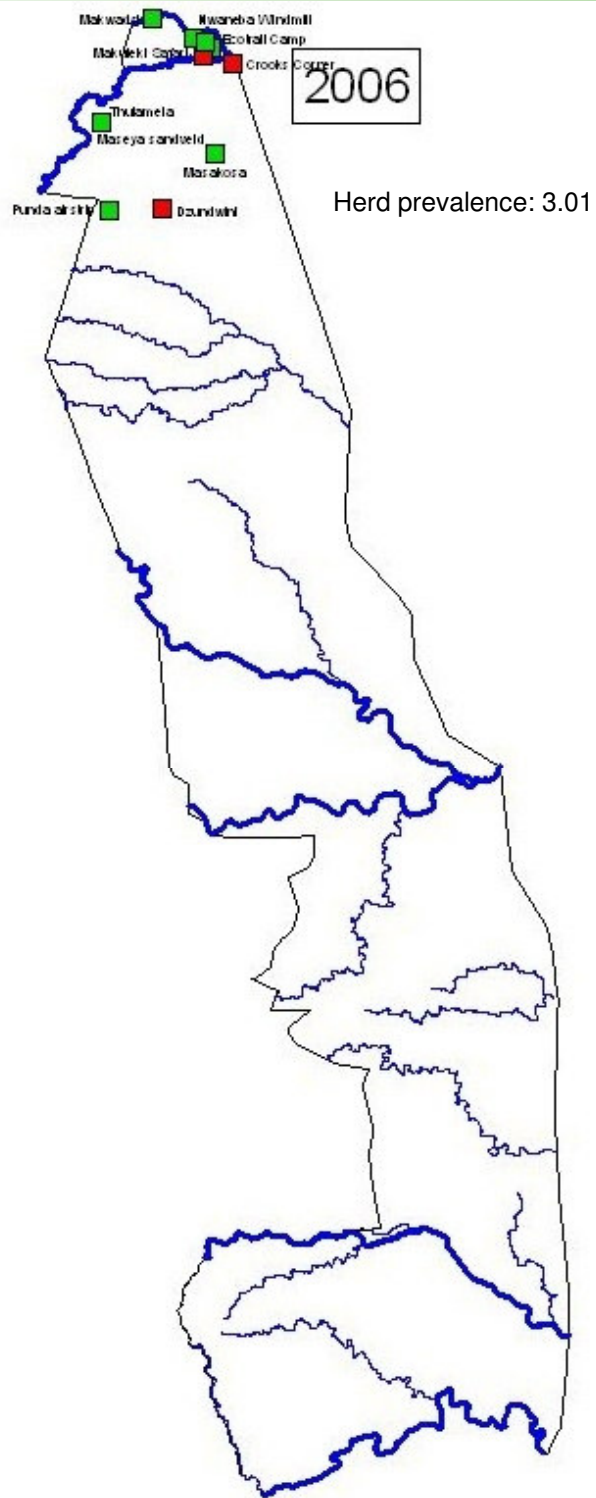
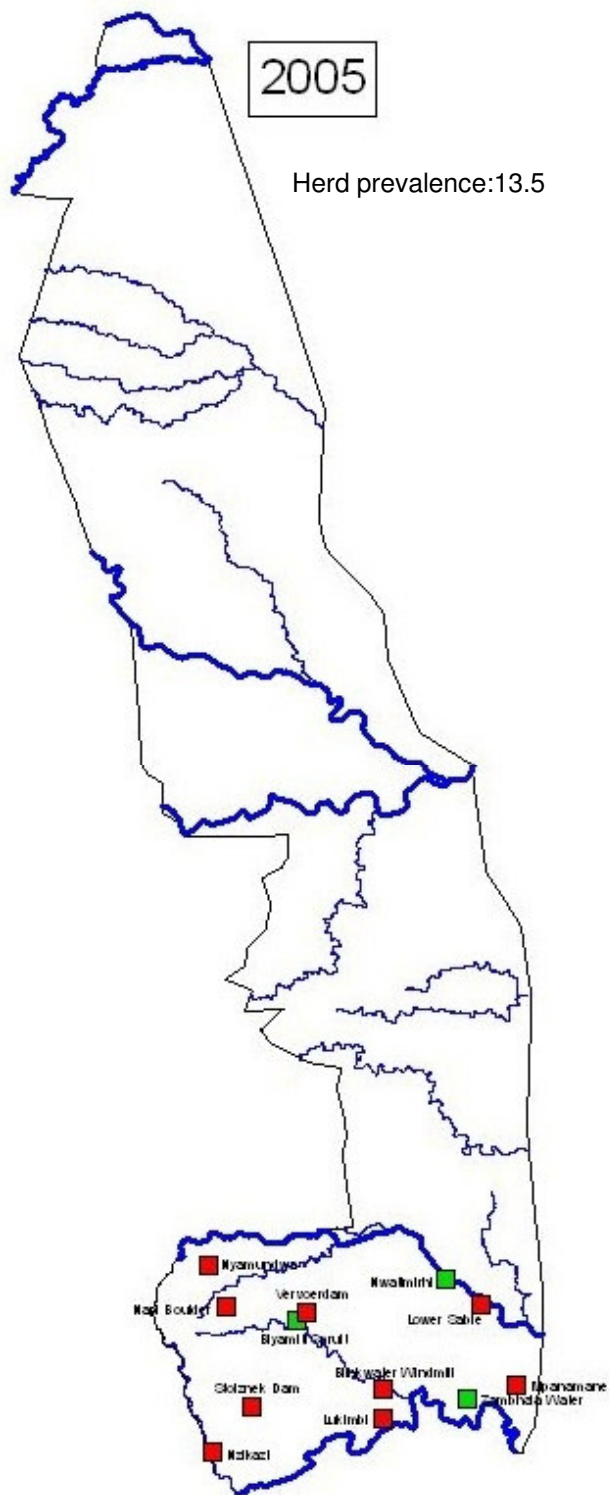
Herd prevalence: 14.6%



LEGEND

- Rift Valley Fever Status
- Negative
- Positive
- Main Rivers
- Perennial
- - - Non-Perennial
- ▭ Kruger Boundary

50 0 50 100 Kilometers



# RIFT VALLEY FEVER

- The disease appears to have been circulating at low levels of activity in buffalo in the KNP, in the absence of any RVFV epidemics elsewhere in South Africa.
- RVF **occasionally** surfaces in years with high specific rainfall patterns in the rest of South Africa