

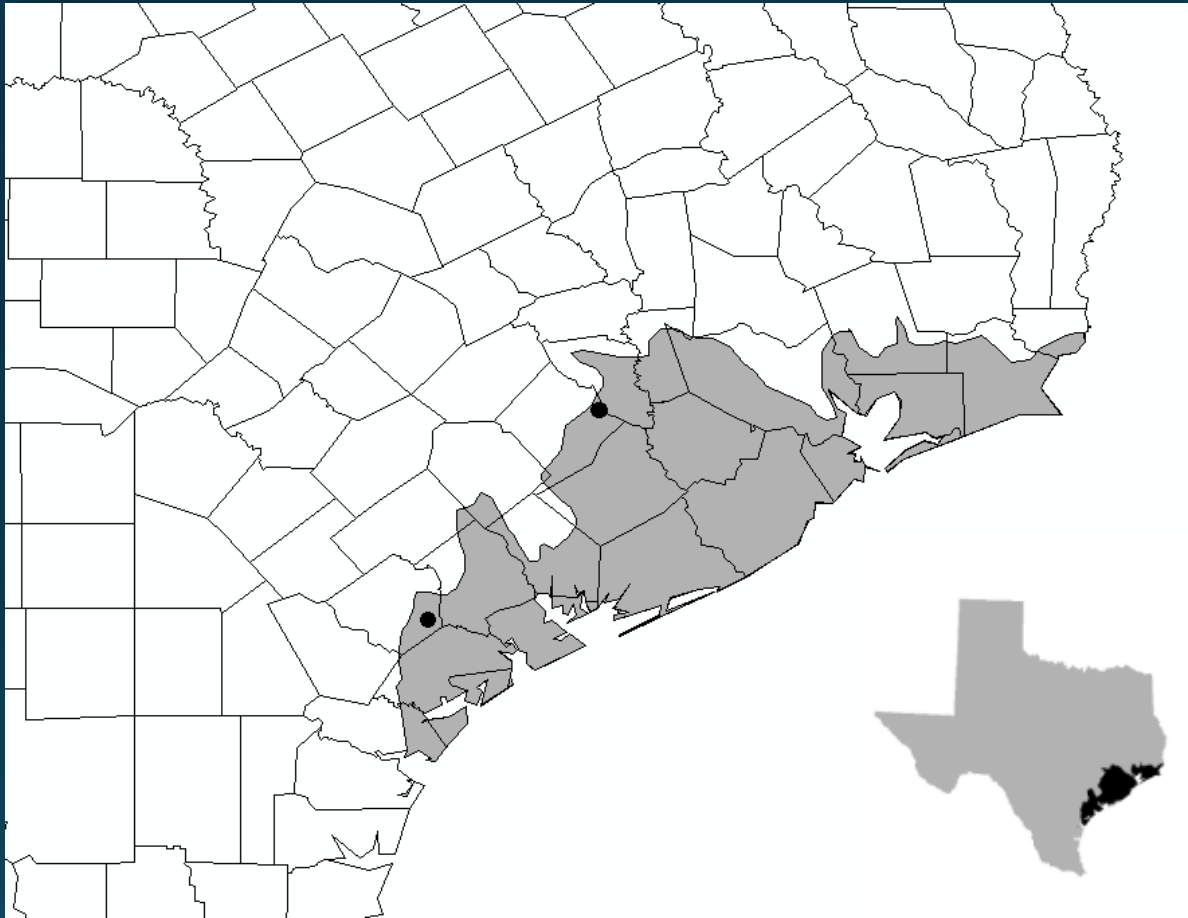
Staying Resilient: Recovery of the Attwater's prairie-chicken post-Harvey

Hannah Bailey, Curator of Birds, Houston Zoo
Jennifer Romero, Assistant Manager, Attwater Prairie Chicken NWR

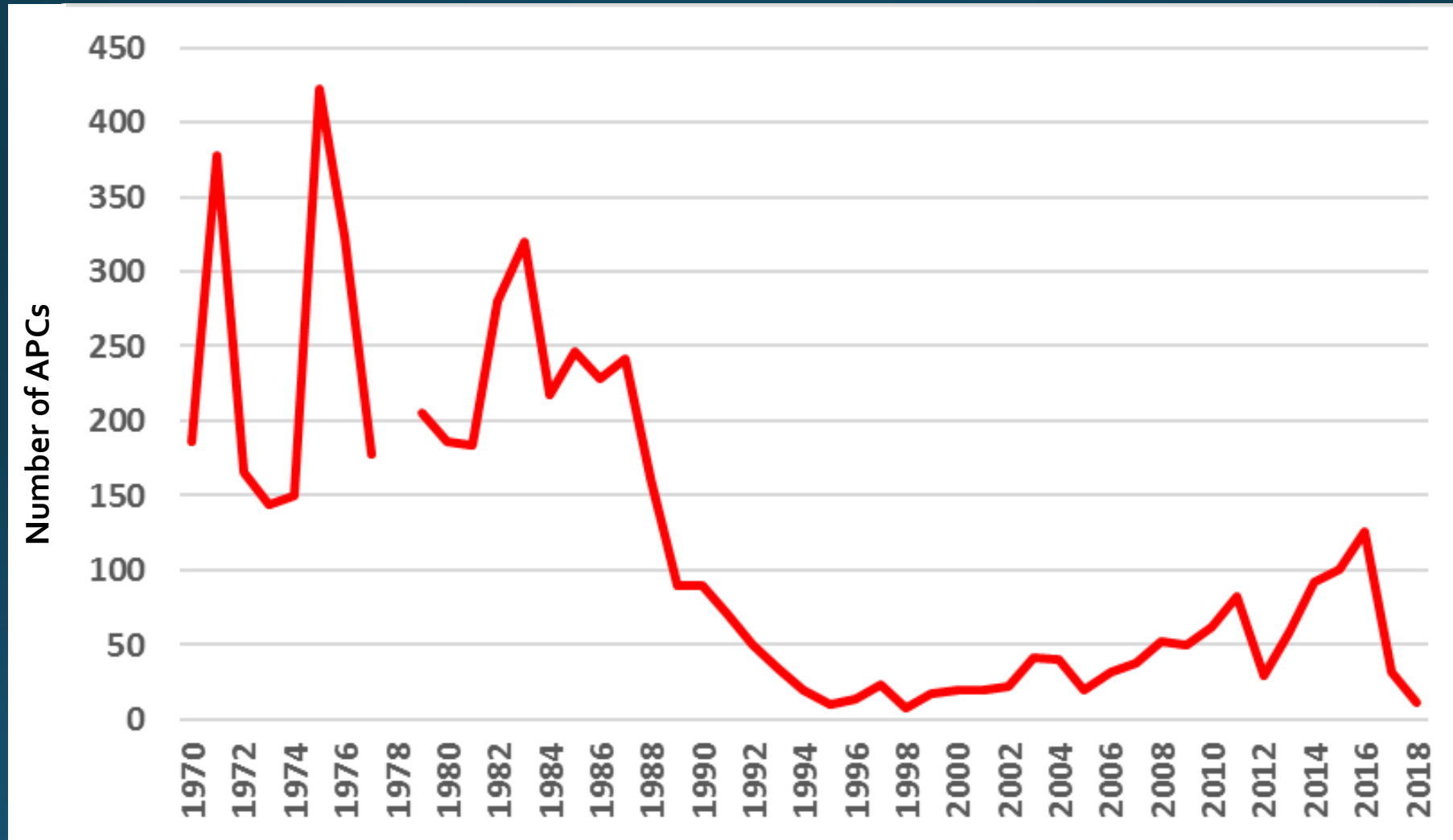
Attwater's prairie-chicken



Limiting factors



Population at the Attwater Prairie Chicken NWR



Captive Breeding Program



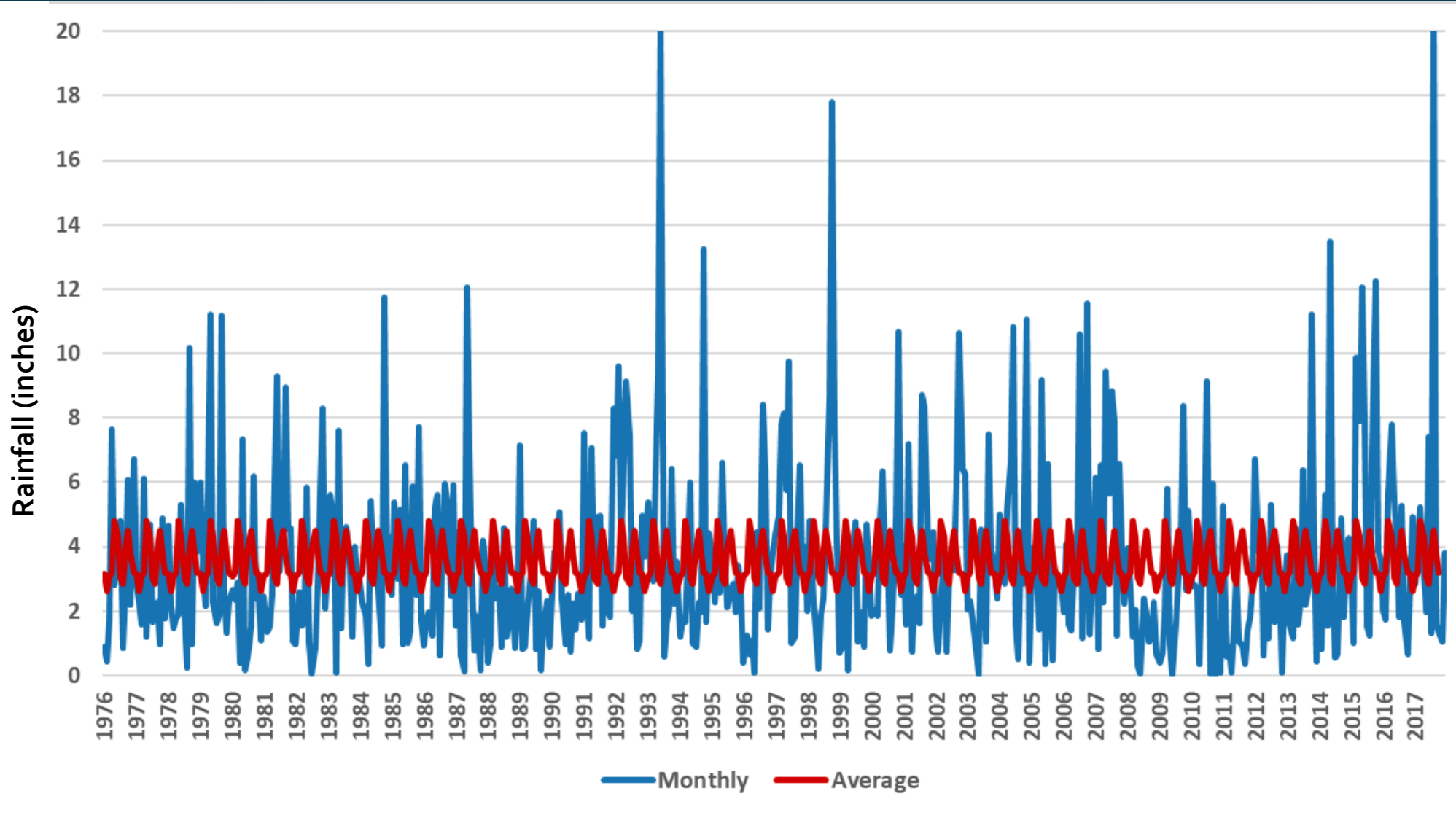
Release Season



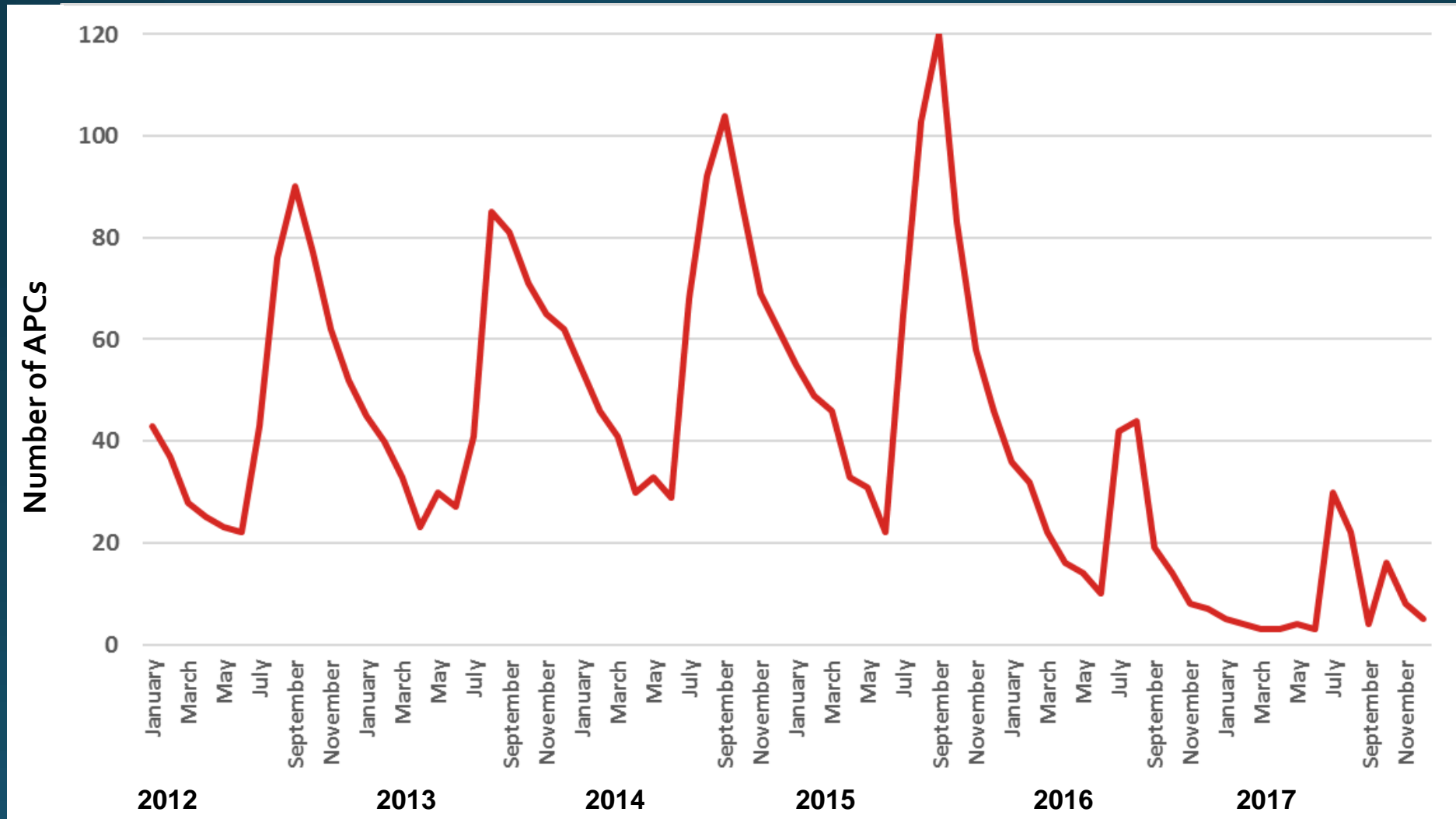
Impacts of Weather



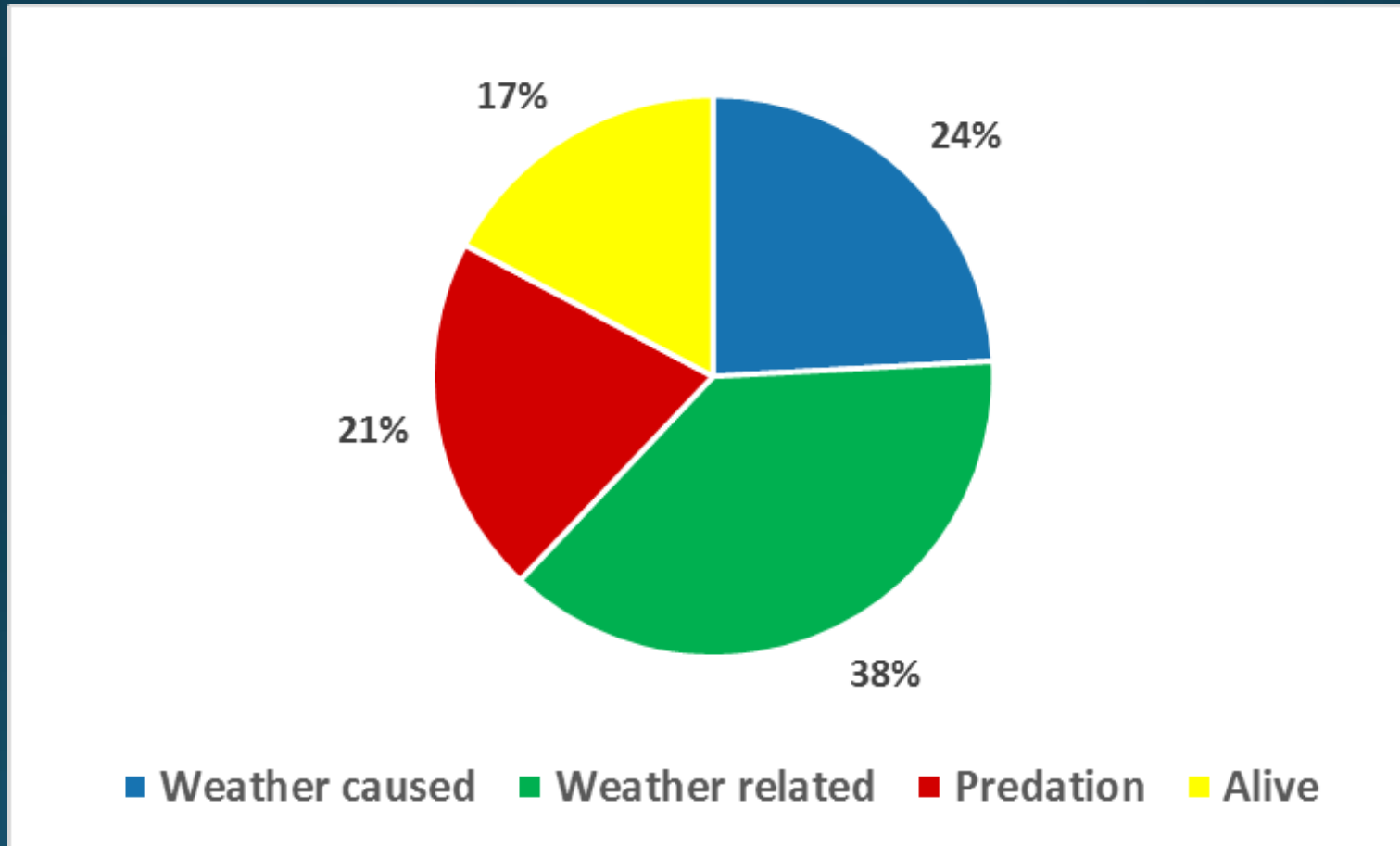
Weather Data for APCNWR



Radio Telemetry Estimates of APCs



Effects of Hurricane Harvey

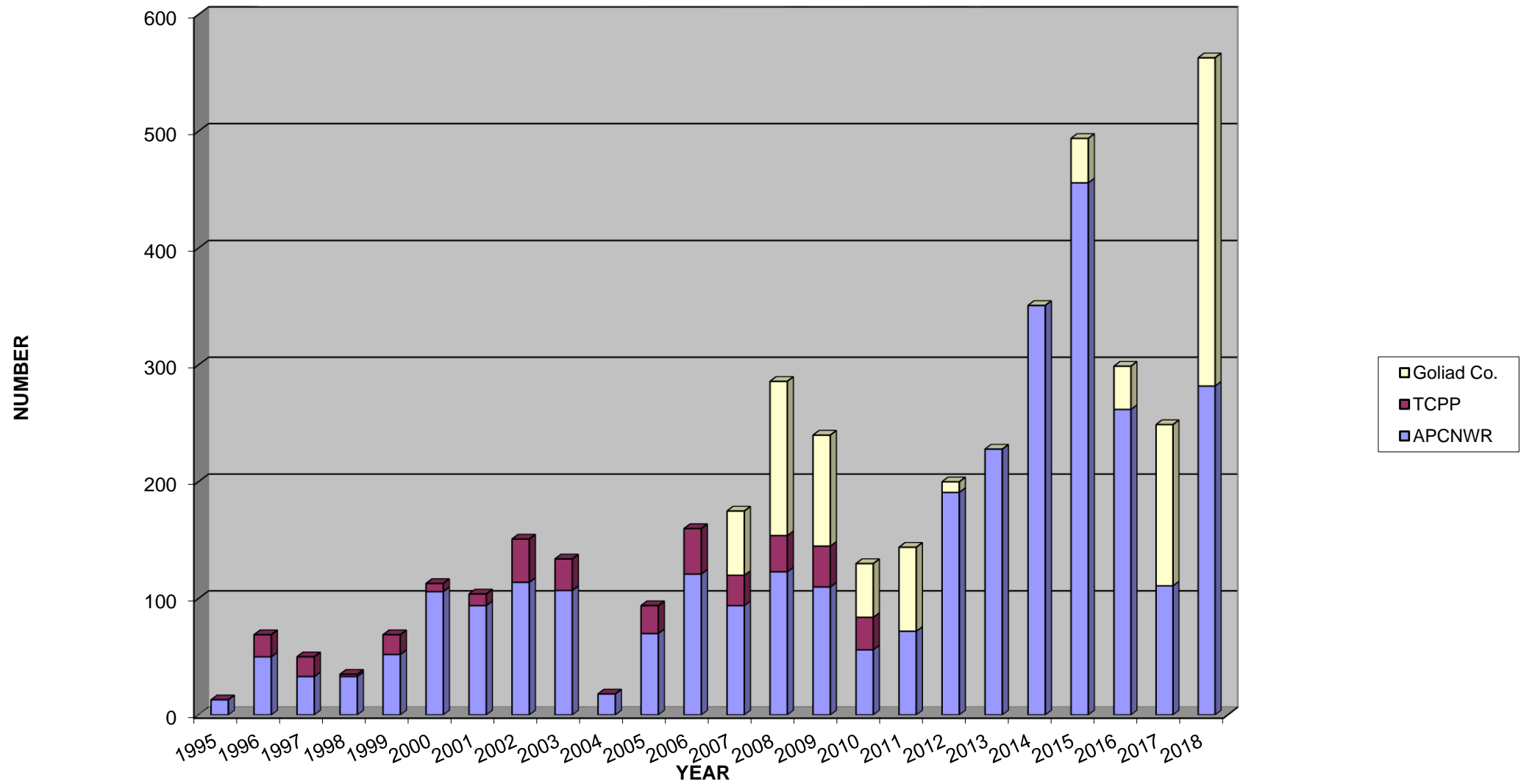


- Out of 29 birds being tracked, only 5 were found alive following Harvey.
- 18 birds awaiting release were transferred to Houston Zoo prior to the storm.

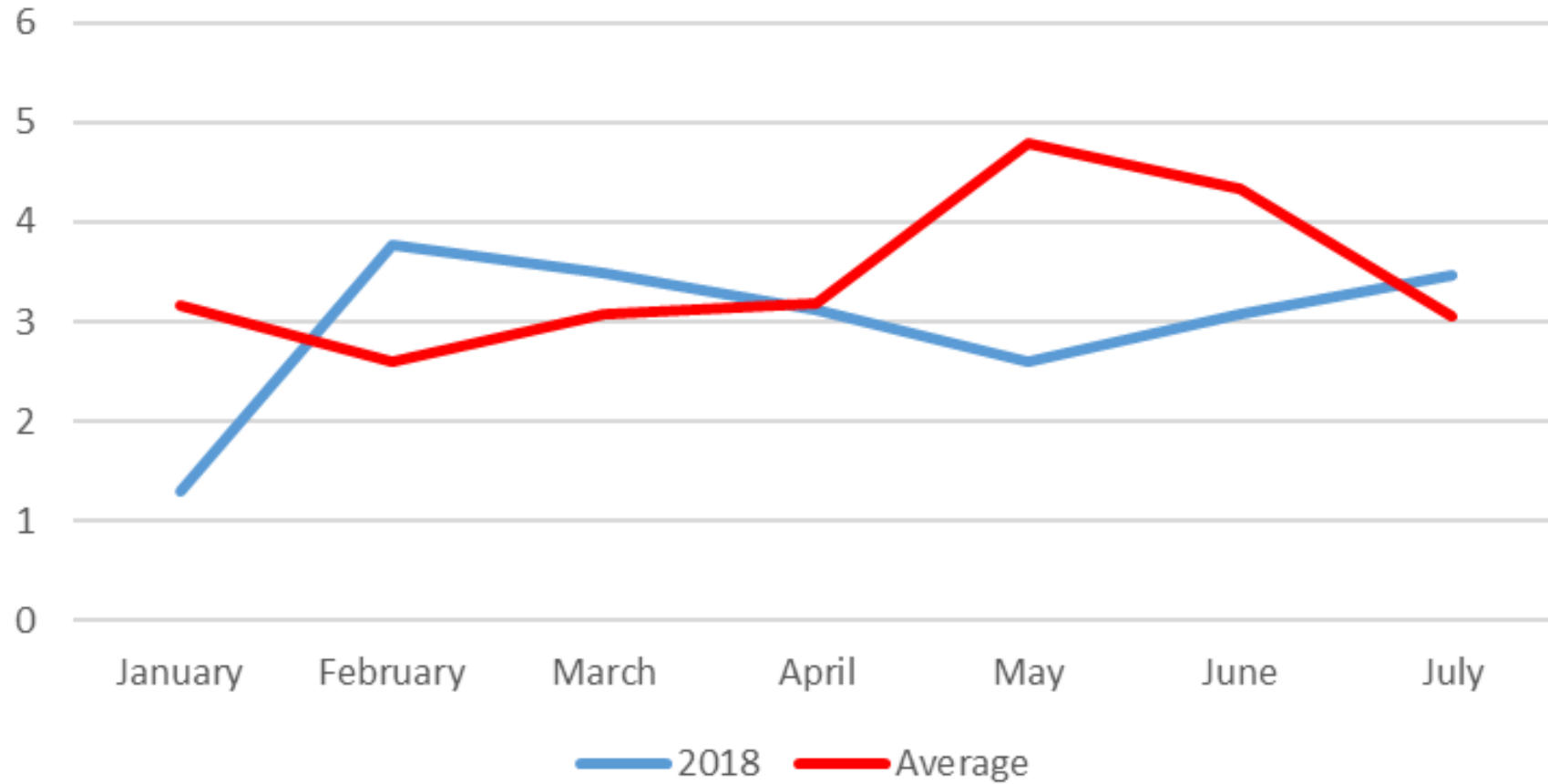
Moving Forward Towards Recovery



Figure 12. Numbers (N = 4,369) of Attwater's prairie-chickens released from captive-rearing institutions 1995-2018.



2018 Rainfall (inches)



More invasive species control and lower predation rate



Future Implications of Changing Weather Conditions



Questions?

