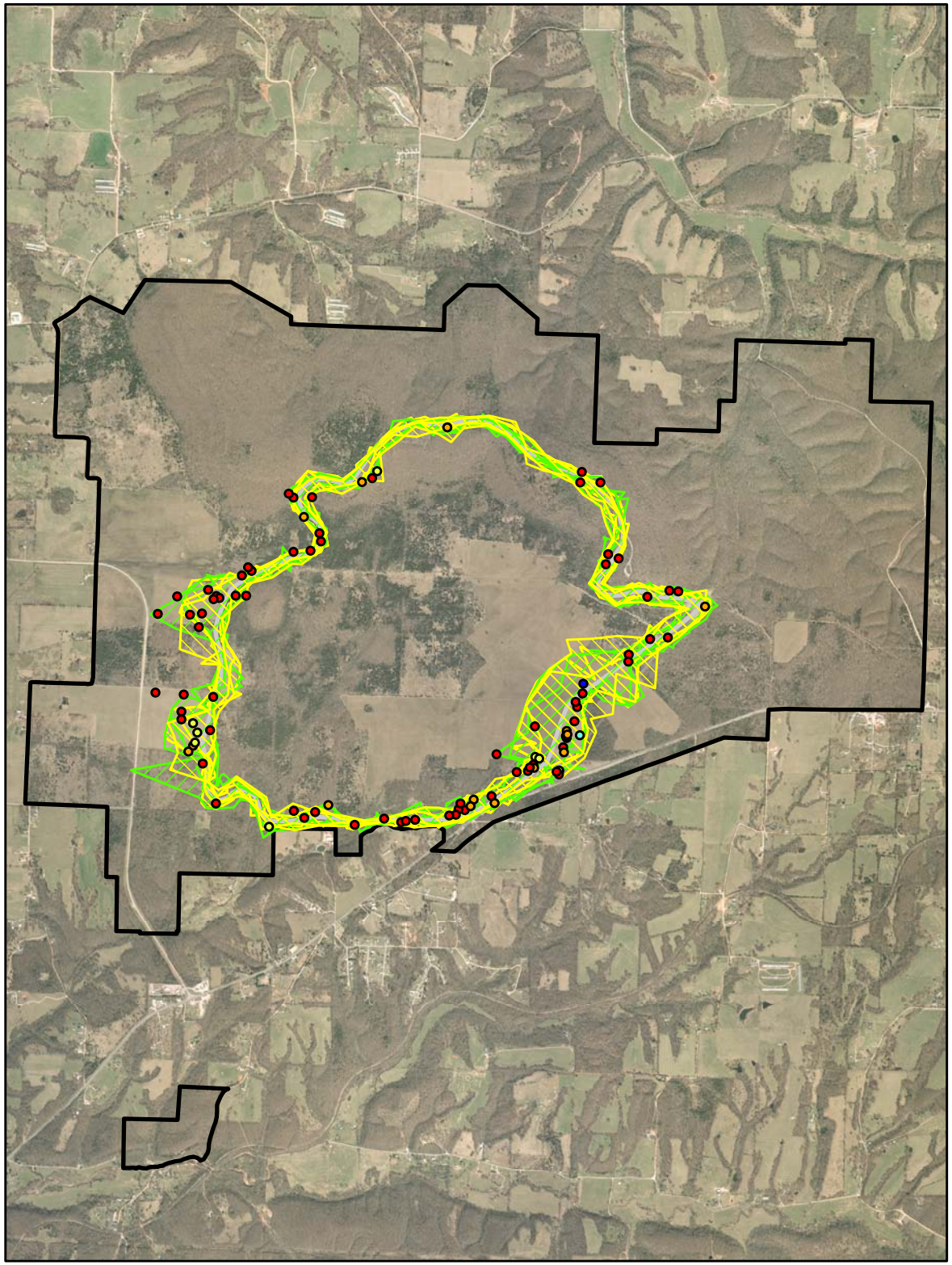
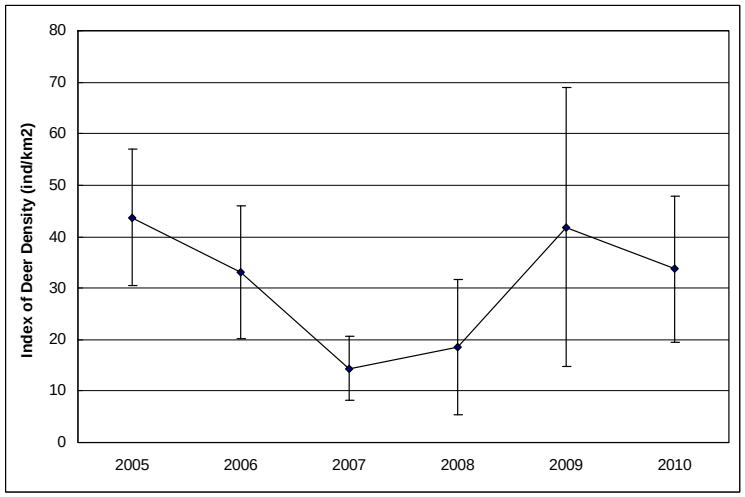


Pea Ridge NMP Deer Monitoring

White-tailed deer were monitored between 2005 and 2010 on Pea Ridge National Military Park, Arkansas using methods developed by the Heartland Inventory and Monitoring Network. See: http://science.nature.nps.gov/im/units/htln/protocol.cfm. An index of deer density was used to identify annual changes in the deer population within the survey area of the park. The index of deer density declined sharply between 2005 and 2007, coincident with an outbreak of hemorrhagic disease. Population size increased gradually between 2007 and 2009; however the index of deer density in 2010 again fell well below (33%) the 2005 value.



Group Size

- 1 - 4
- 5 - 7
- 8 - 11
- 12 - 14
- 15 - 17
- 18 - 20

Deer Density (Ind/km^2)

- 1 - 8 Ecological Carrying Capacity
- 9 - 31 Cultural Carrying Capacity Low
- 32 - 54 Cultural Carrying Capacity Medium
- 55 - 76 Cultural Carrying Capacity High
- 77+ Biological Carrying Capacity
- Boundary
- Survey Route

0 0.5 1 2 3 km

1:40,000

N W E S