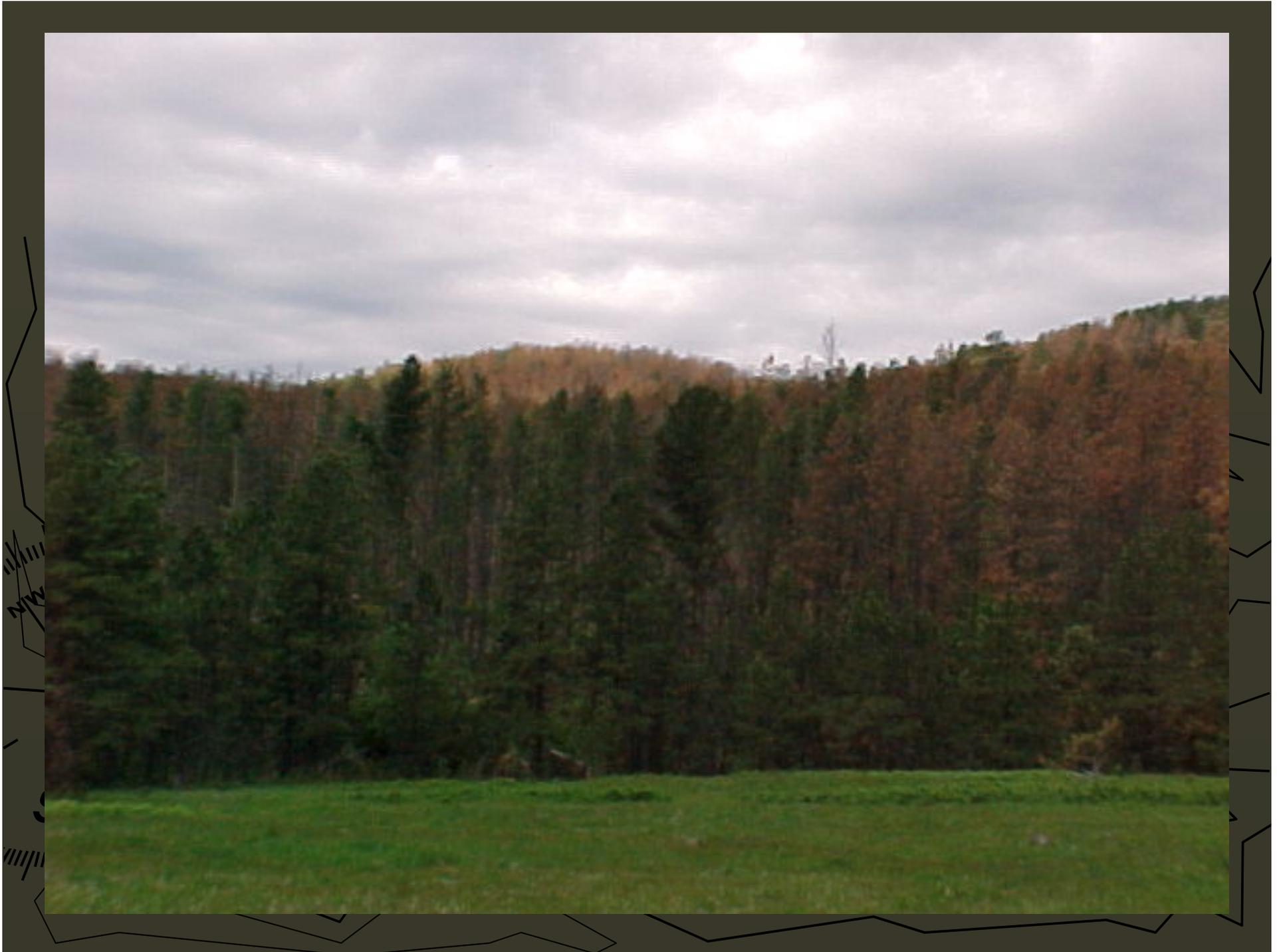


Black Hills Beetle Epidemic

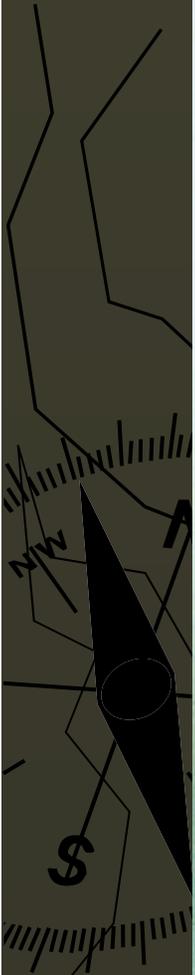




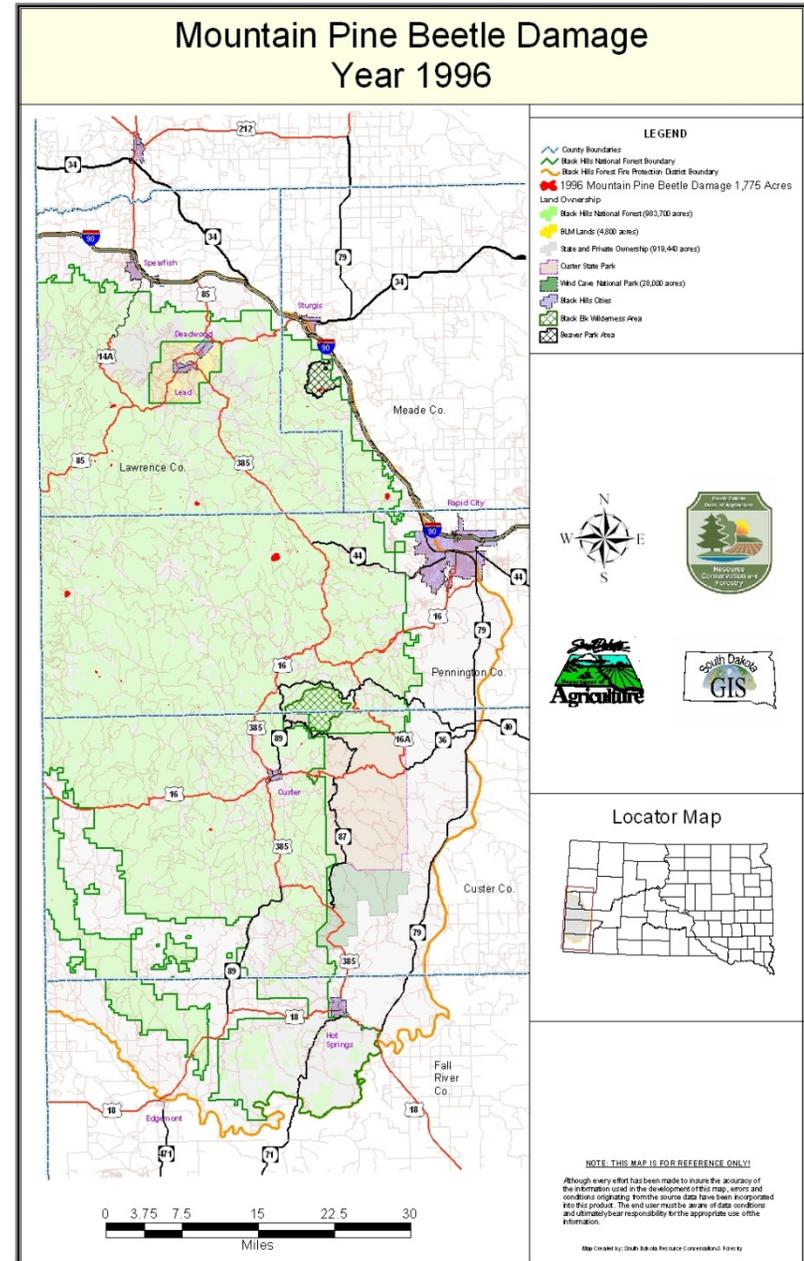
Mountain Pine Beetle (MPB)



Pine Engraver Beetle (Ips)



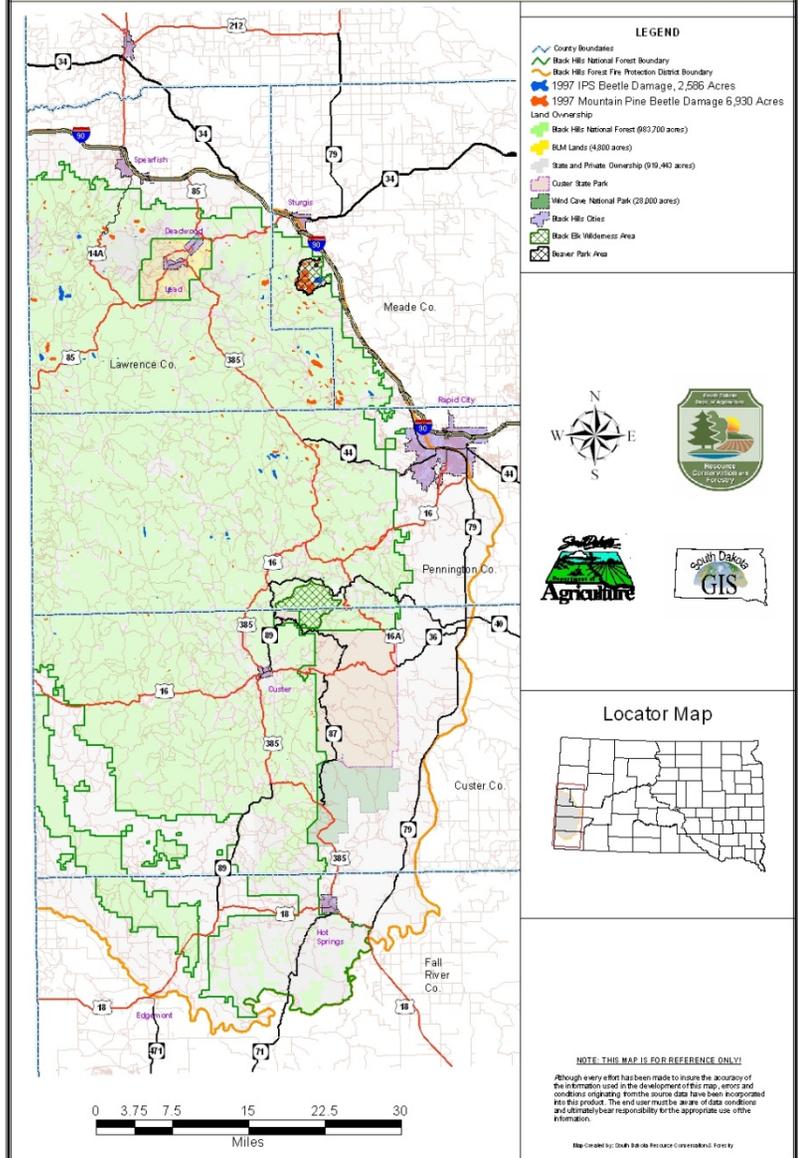
Map of Beetle Activity 1996



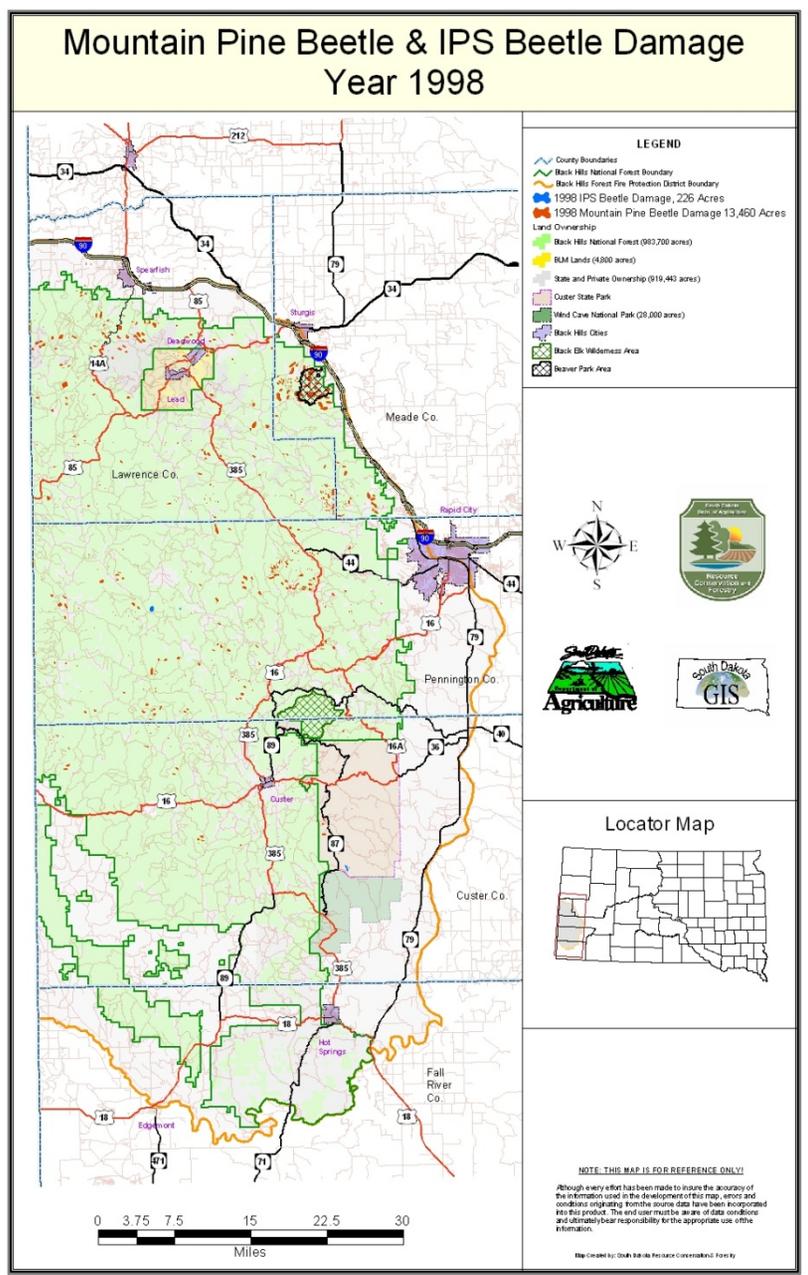
Map of Beetle Activity 1997



Mountain Pine Beetle & IPS Beetle Damage Year 1997



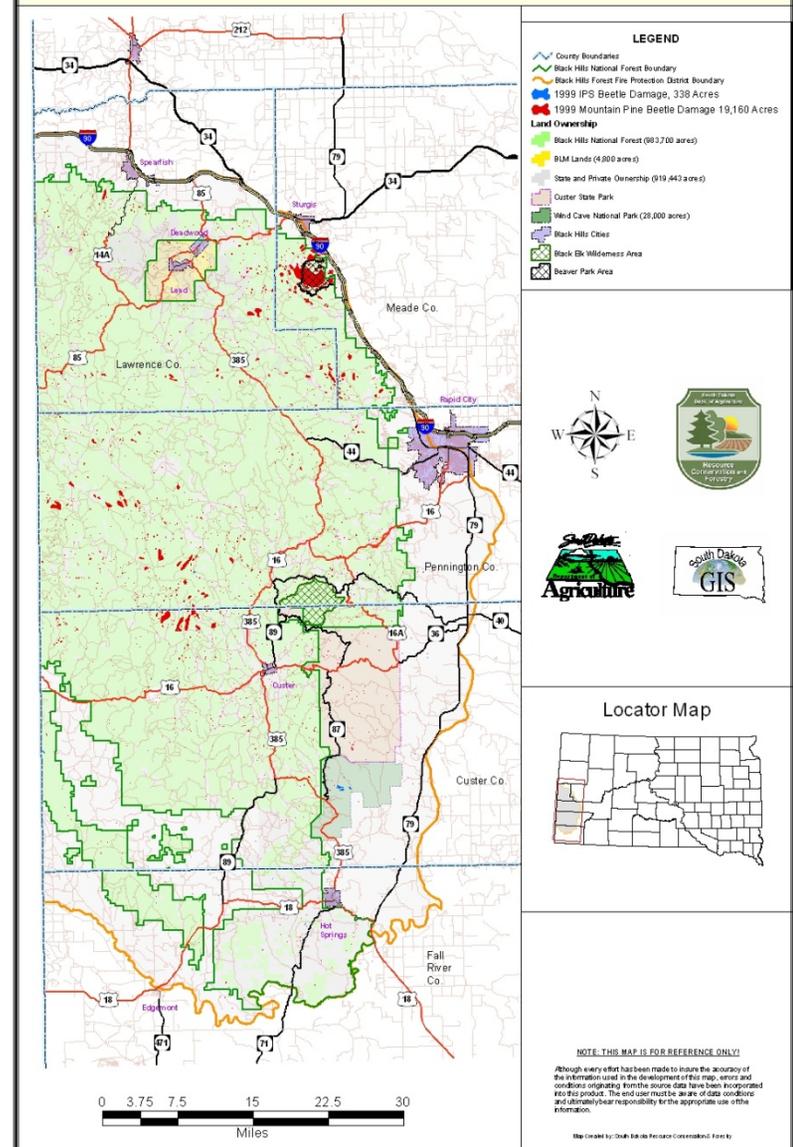
Map of Beetle Activity 1998



Map of Beetle Activity 1999



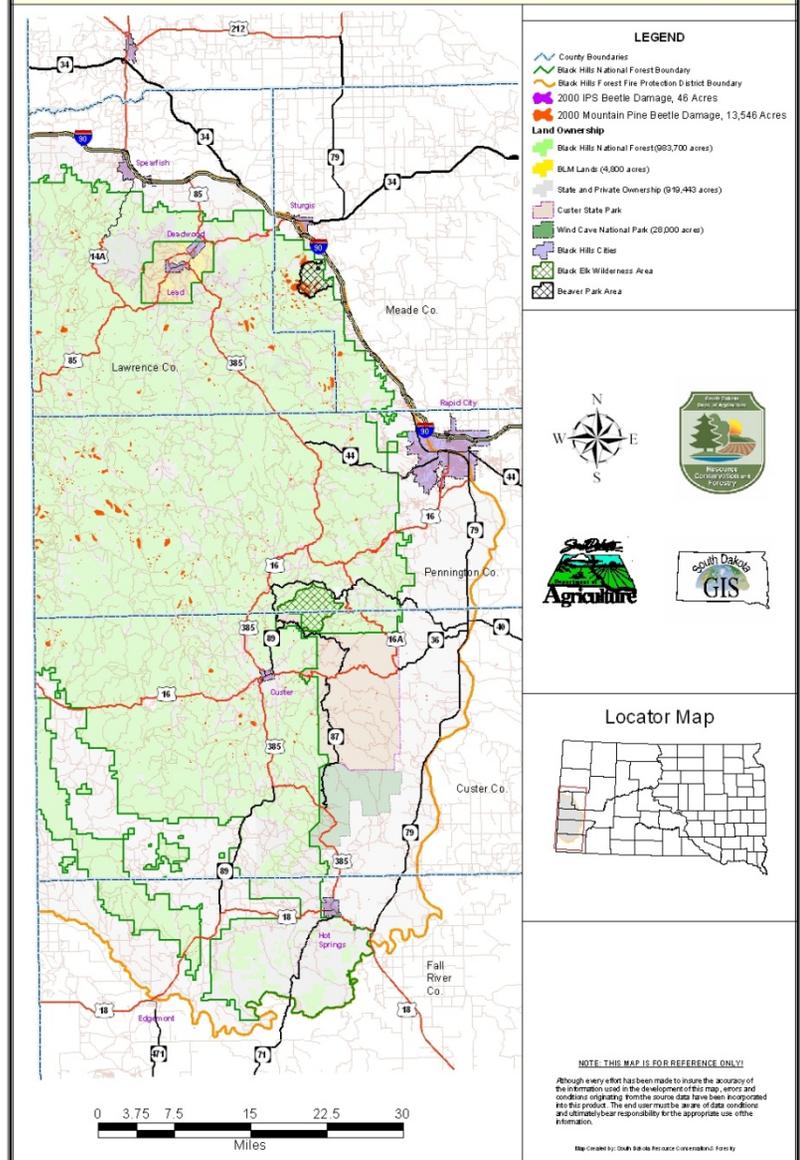
Mountain Pine Beetle & IPS Beetle Damage Year 1999



Map of Beetle Activity 2000



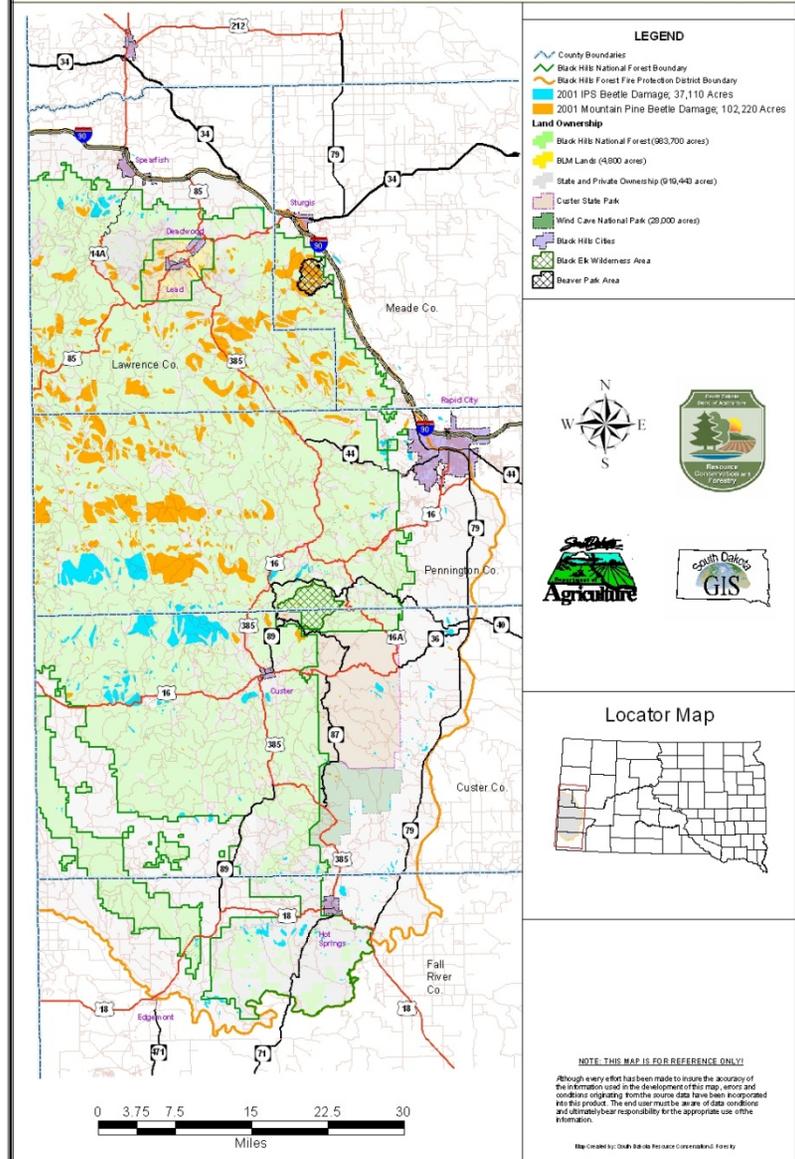
Mountain Pine Beetle & IPS Beetle Damage Year 2000



Map of Beetle Activity 2001



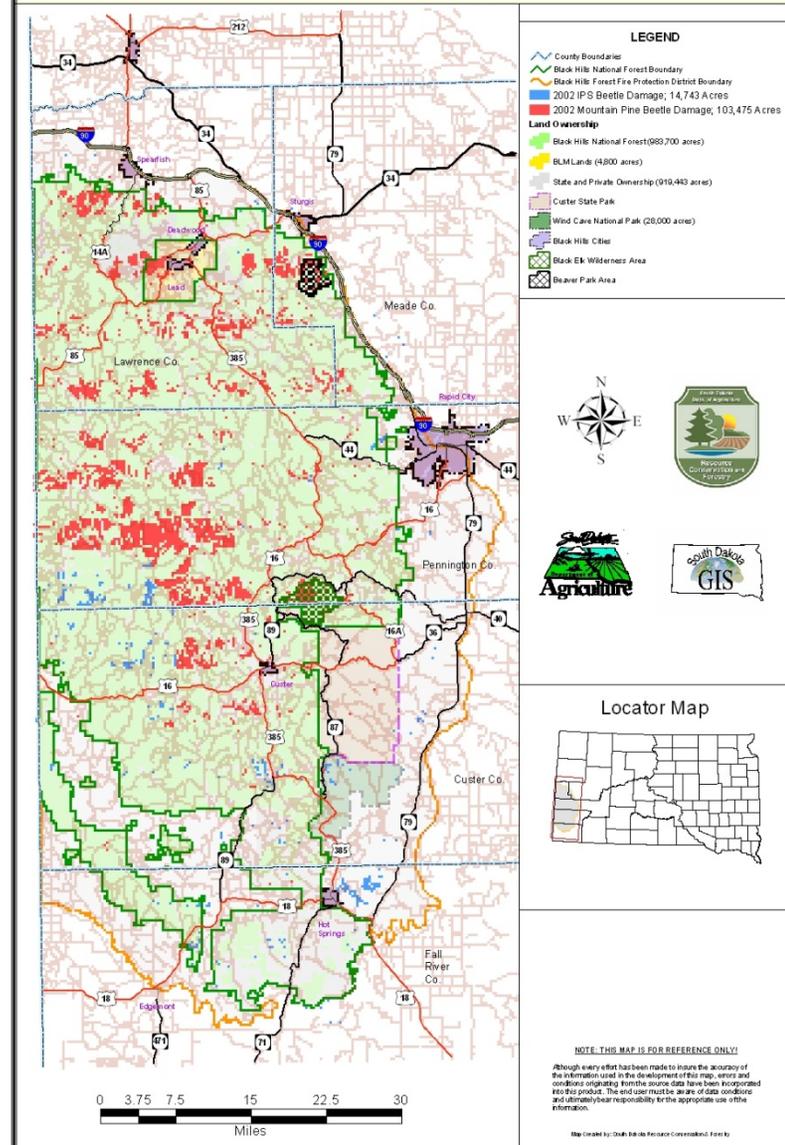
Mountain Pine Beetle & IPS Beetle Damage Year 2001



Map of Beetle Activity 2002



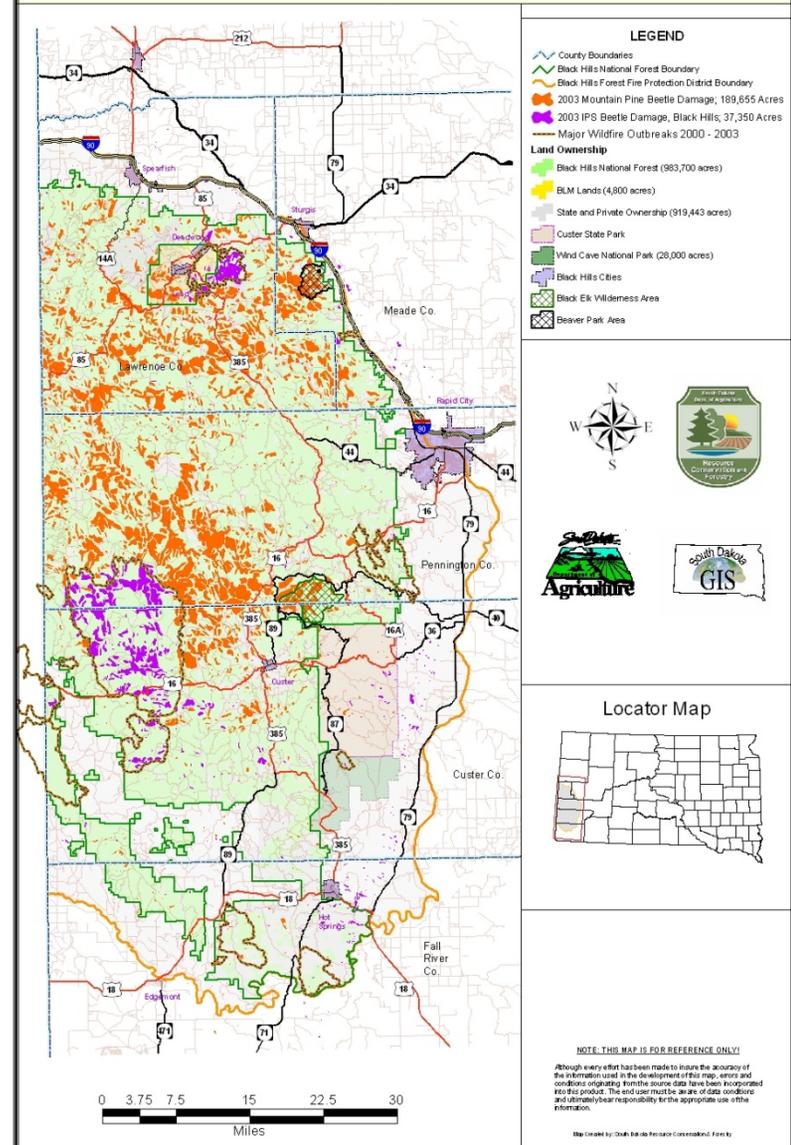
Mountain Pine Beetle & IPS Beetle Damage Year 2002



Map of Beetle Activity 2003



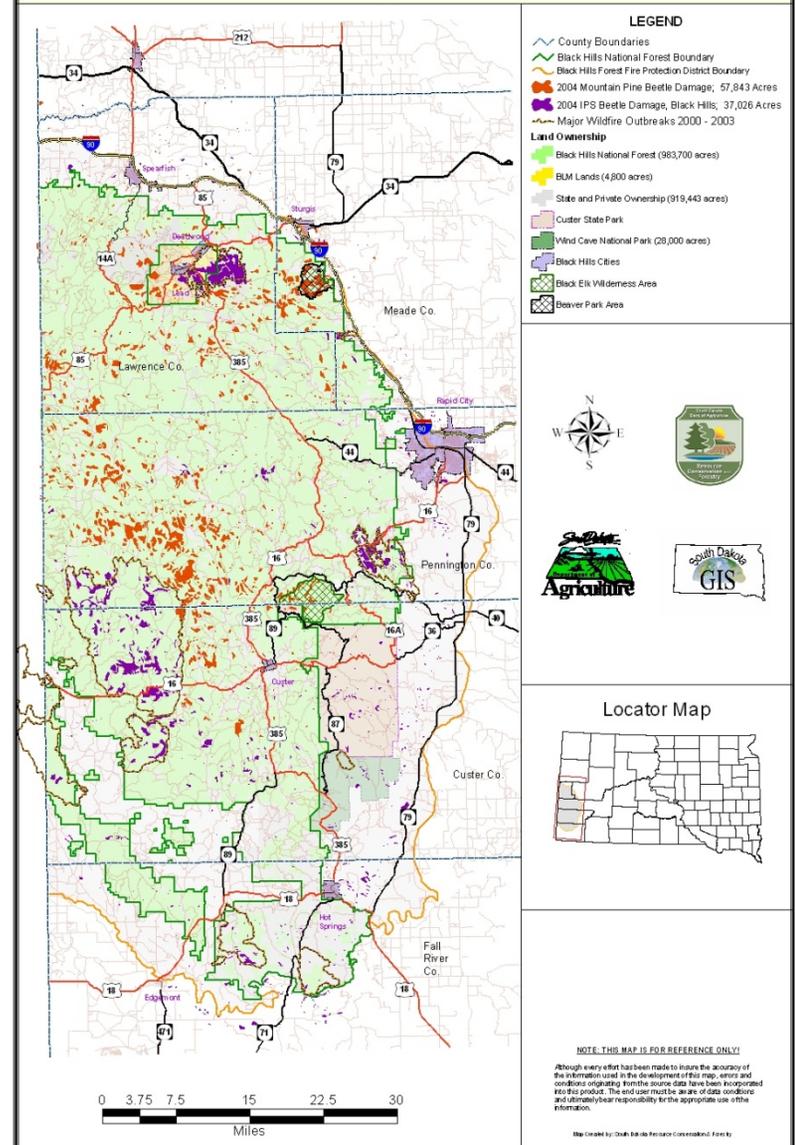
Mountain Pine Beetle & IPS Beetle Damage Year 2003



Map of Beetle Activity 2004



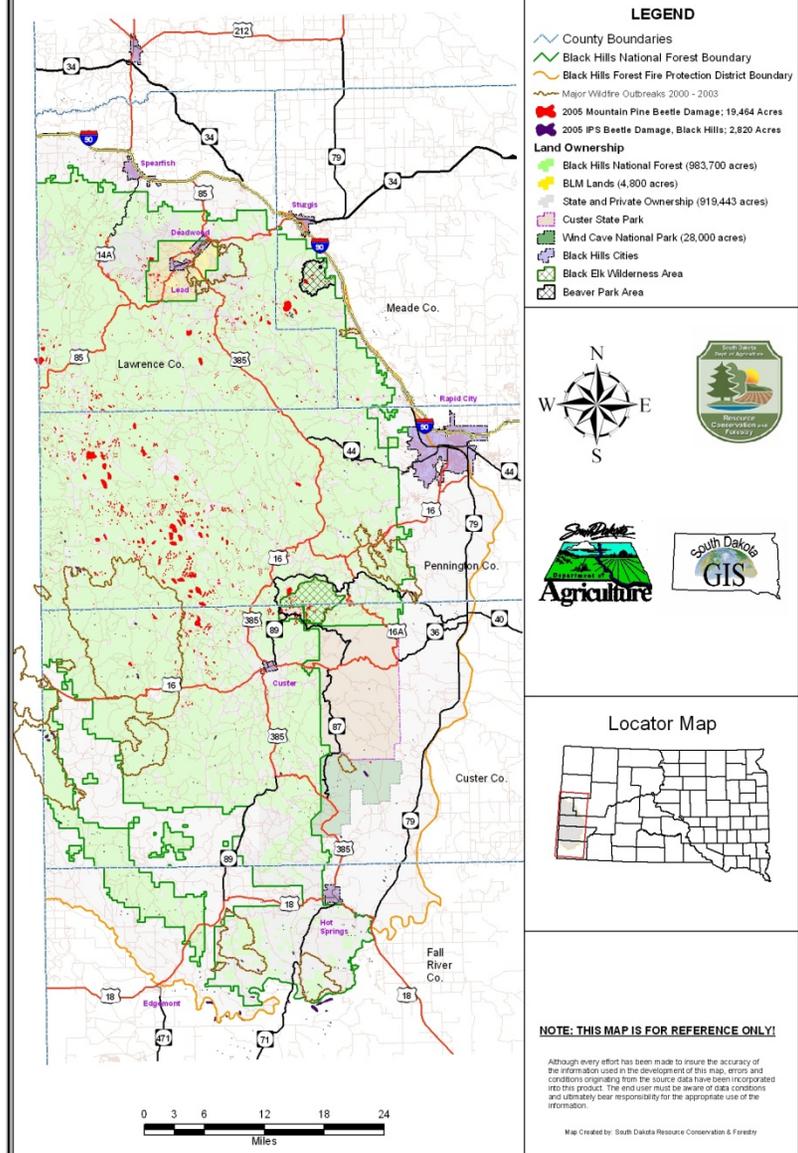
Mountain Pine Beetle & IPS Beetle Damage Year 2004



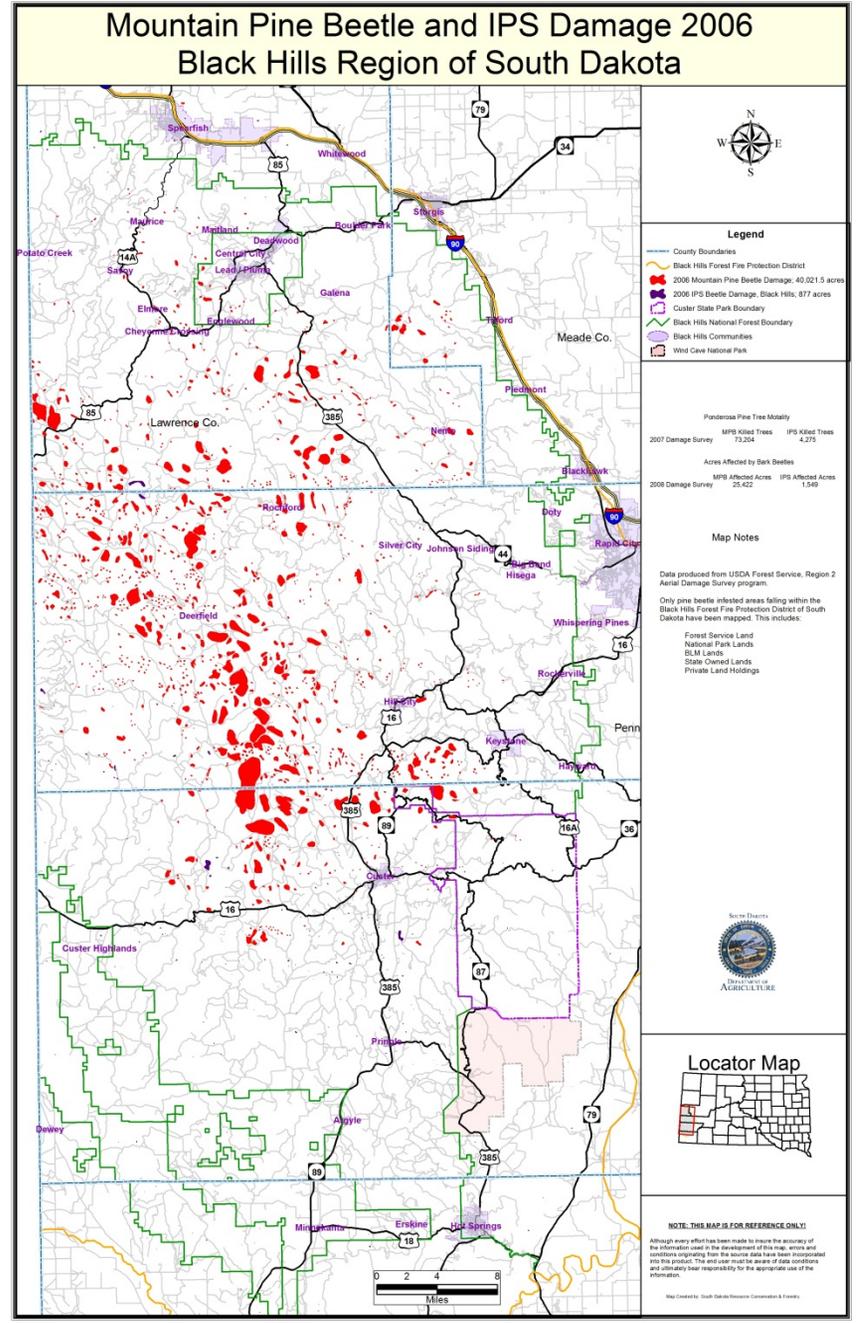
Map of Beetle Activity 2005



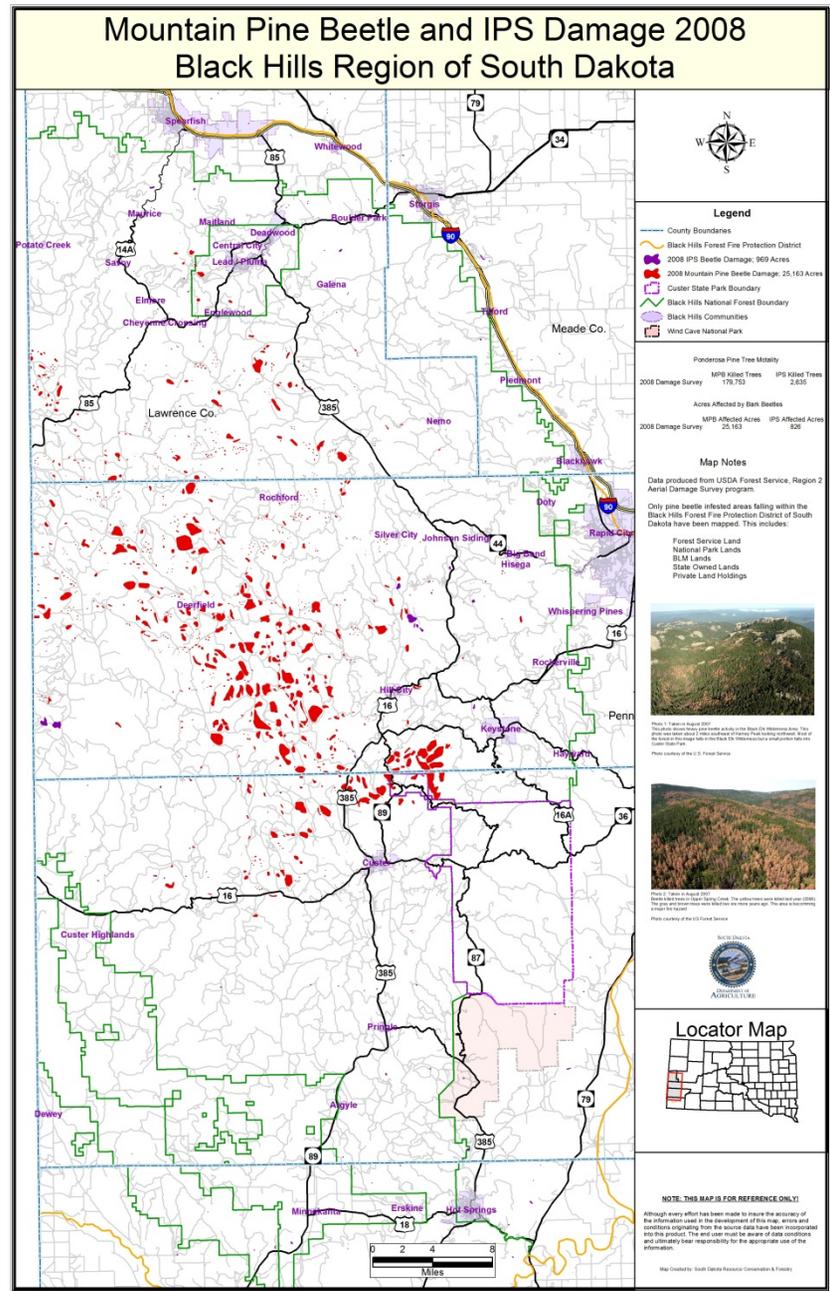
Mountain Pine Beetle & IPS Beetle Damage Year 2005



Map of Beetle Activity 2006



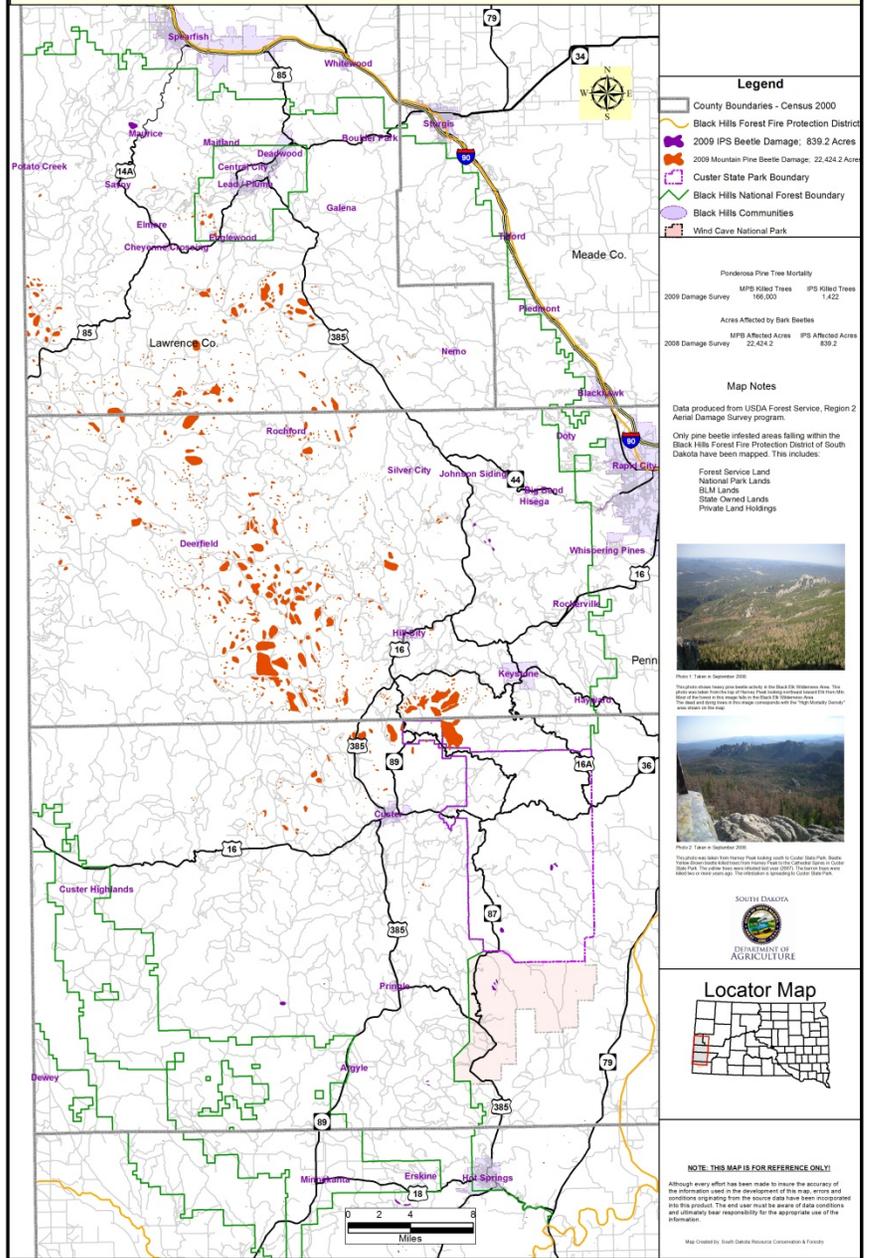
Map of Beetle Activity 2008



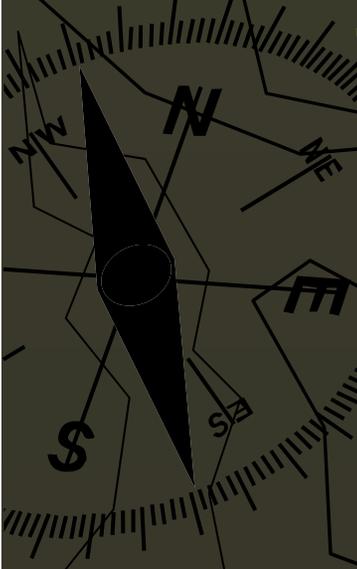
Map of Beetle Activity 2009



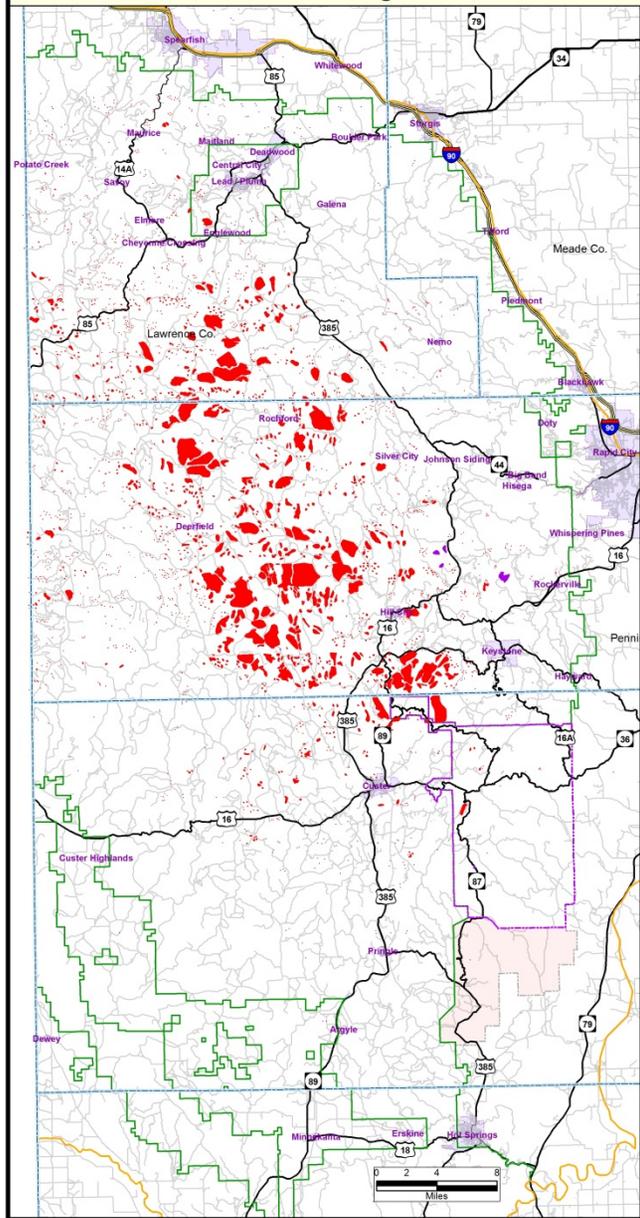
Mountain Pine Beetle and IPS Damage 2009 Black Hills Region of South Dakota



Map of Beetle Activity 2010



Mountain Pine Beetle & IPS Damage 2010 Black Hills Region of South Dakota



Legend

- County Boundaries
- Black Hills Forest Fire Protection District
- 2010 IPS Damage 426 Acres
- 2010 MPB Damage 44,150 Acres
- Custer State Park Boundary
- Black Hills National Forest Boundary
- Black Hills Communities
- Wind Cave National Park

Map Notes

Data produced from USDA Forest Service, Region 2 Aerial Damage Survey program.
Only pine beetle infested areas falling within the Black Hills Forest Fire Protection District of South Dakota have been mapped. This includes:
Forest Service Land
National Park Lands
BLM Lands
State Owned Lands
Private Land Holdings



Photo 1: Forest July 2008



Photo 2: Forest July 2008

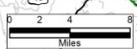


Locator Map



NOTE: THIS MAP IS FOR REFERENCE ONLY!
Although every effort has been made to ensure the accuracy of the information used in the development of this map, errors and omissions originating from the information base were incorporated into this product. The user must be aware of data conditions and ultimately bear responsibility for the appropriate use of the information.

Map Created by South Dakota Resource Conservation & Forestry



MPB Aerial Survey Numbers

Acres of Infested Trees

Number of acres with MPB by year.

1996	–	1,755 acres
1997	–	6,930 acres
1998	–	13,460 acres
1999	–	19,160 acres
2000	–	13,546 acres
2001	–	102,218 acres
2002	–	103,246 acres
2003	–	189,655 acres
2004	–	57,843 acres*
2005	–	19,464 acres**
2006	–	40,022 acres
2007	–	25,387 acres
2008	–	25,163 acres
2009	–	22,424 acres
2010	–	44,100 acres

- * Survey conducted 6 weeks early.
- ** USFS changed survey design

Number of Acres



Year