

<b>SRR Indicator Number and Name</b>	<b>Heinz 2008 Indicator Name</b>	<b>Data Source</b>
1. Area and percent of rangeland soils with significantly diminished organic matter and/or high Carbon:Nitrogen (C:N) ratio.	Soil organic matter	Data Gap
3. Assessment of microbial activity in rangeland soils.	Soil biological condition	Data Gap
5. Area and percent of rangeland with accelerated soil erosion by water or wind.	Potential soil erosion	USDA, NRCS, NRI
6. Percent of water bodies in rangeland areas with significant changes in natural biotic assemblage composition.	Altered freshwater ecosystems	MRLC (partial)
7. Percent of surface water bodies in rangeland areas with significant deterioration of their chemical, physical, and biological properties from acceptable levels.	The movement of nitrogen; Chemical contamination	USGS, NawQa
8. Changes in ground water systems.	Depth to shallow groundwater	Data Gap
9. Changes in the frequency and duration of surface no-flow periods in rangeland streams.	Number and duration of dry periods in grassland and shrubland streams and rivers	USGS, Stream Gauge Network and Hydro-climatic Data Network
11. Extent of land area in rangeland.	Area of grasslands and shrublands	MRLC
13. Number and extent of wetlands.	Area of freshwater wetlands	USFWS, NWI
16. Integrity of natural fire regimes on rangeland.	Fire frequency.	Data Gap
17. Extent and condition of riparian systems.	Riparian condition	Data Gap
18. Area of infestation and presence/absence of invasive and non-native plant species of concern.	Established non-native grassland and shrubland plant cover	Data Gap
19. Number and distribution of species and communities of concern.	At-risk native grassland and shrubland species	Natureserve
20. Population status and geographic range of rangeland-dependent species.	Population trends in invasive and non-invasive birds	USGS, BBS
21. Rangeland aboveground phytomass.	Plant Growth Index (NVDI)	NOAA, AVHRR data processed by NASA, GIMMS
24. Number of domestic livestock on rangeland.	Cattle grazing	USDA, NASS
27. The value of forage harvested from rangeland by livestock.	Cattle grazing	USDA, NASS
29. Number of visitor days by activity and recreational land class.	Recreation on grassland and shrubland	Data Gap