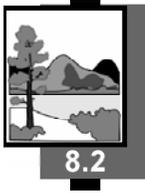


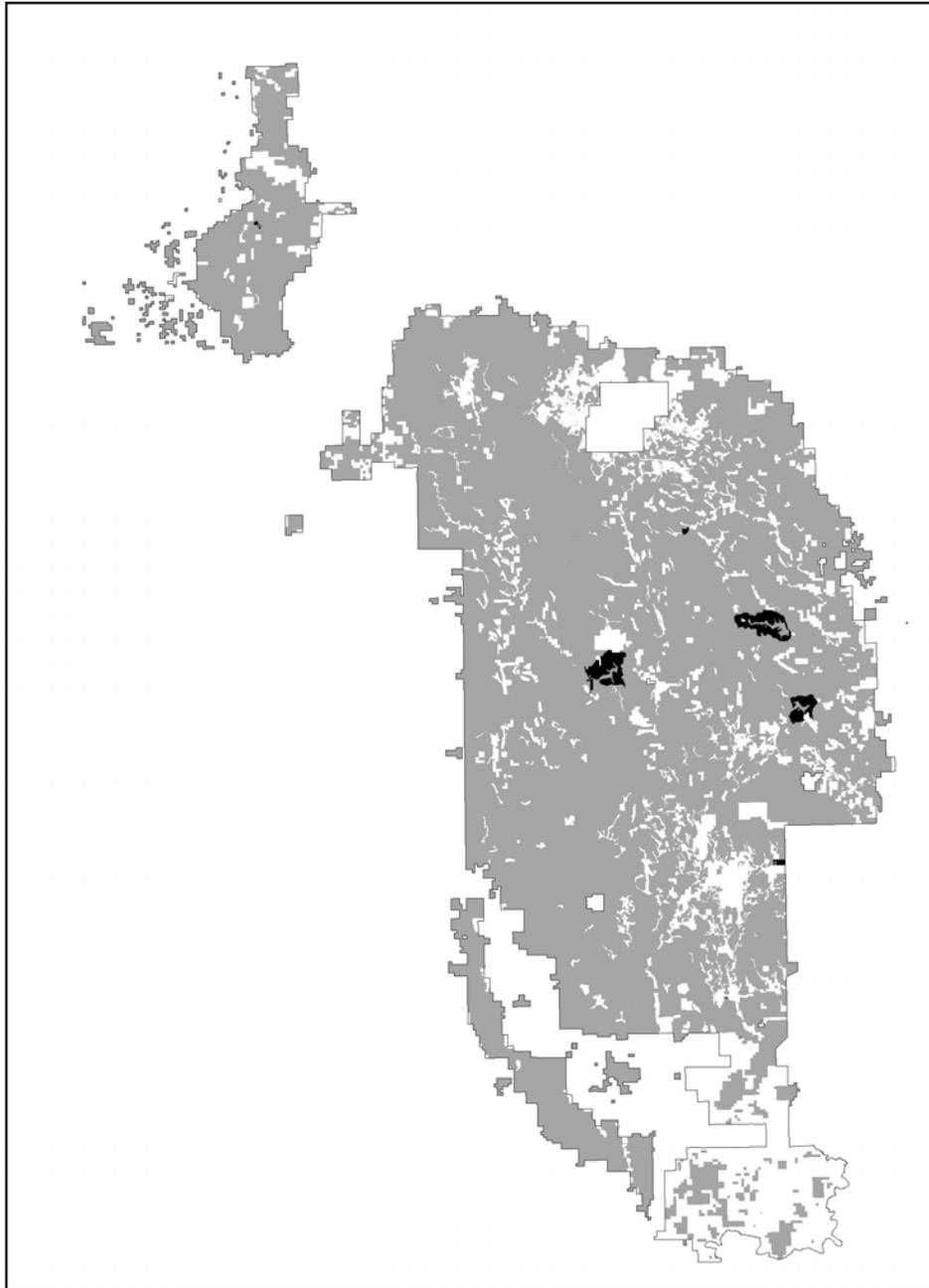
Management Area 8.2 Developed Recreation Complexes

Theme: These areas are managed for recreational opportunities and visual qualities adjacent to developed recreation sites and bodies of water.

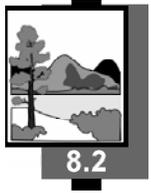




Management Area 8.2



<p>Management Area 8.2 11,368 Acres (Excluding Water)</p> <p>Less than 1 percent of Forest</p>	<p>Areas Pactola Reservoir Sheridan Lake Deerfield Lake Roubaix Lake Bismarck Lake Cook Lake Cascade Complex</p>
---	---



Setting: These areas are located adjacent to bodies of water where the public concentrates for recreational purposes. The areas are Pactola Reservoir, Sheridan Lake, Deerfield Lake, Roubaix Lake, Bismarck Lake, Cook Lake, and Cascade Complex. Some of the more popular recreational activities in this management area include picnicking, camping, boating, hiking and fishing. These activities occur in structured settings characterized by scenic beauty.

Activities and Opportunities:

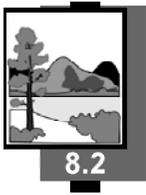
Non-motorized Dispersed Recreation	Yes
On-Road Motorized Travel	Yes
Off-Road Motorized Travel	No, except administrative
Timber Harvesting	Restricted
Livestock Grazing	Yes
Mineral Development	No New

Desired Future Condition: The forests and landscapes surrounding developed recreation sites appear natural. While ponderosa pine is perhaps the most conspicuous tree species, other species are visible, including white spruce, aspen and other hardwoods, which often grow in patches or along streams. A diverse range of tree sizes and ages are represented. Large, majestic “yellow-bark” ponderosa pine appear in pockets, accenting the area. Periodically interrupting the forested landscapes are openings and meadows of various shapes and sizes.

Activities associated with the management of various resources, such as timber harvesting and prescribed burning occur. In comparison to other parts of the forest, however, management activities are less evident and of shorter duration. The management activities most often seen are directed at the maintenance and improvement of the area’s natural setting, and the provisions for a healthy and safe recreational environment.

The lakes that lie at the center of these areas serve as visual centerpieces and are the main recreational attractions. Water skiing may occur, as may fishing or other water sports. Information regarding boating restrictions are posted at boat launches and developed site locations. Trails and roads may lead to and around lakes or other areas within this management area.

Management alterations may be evident, but are harmonious with the scenic condition of the natural landscape. Hardened sites may be provided at boat launches or other areas of high use, but are only constructed to protect sensitive



Management Area 8.2

natural resources, such as soil and vegetation. Livestock may be seen grazing adjacent to the developed recreation complexes; however, fenced recreation sites inside the complexes are designated unsuitable for grazing and closed to this use.

Cascade Complex is situated in a much different vegetative setting than those of the higher elevation lake recreation sites. This southern, low elevation site is dominated by wetland vegetation with surrounding uplands of ponderosa pine and Rocky Mountain juniper at the J.H. Keith Picnic Ground and an upland grassland component at Cascade Falls.

Currently, Cascade Complex, which includes both sites, is the only relatively undeveloped warm spring and stream in the Black Hills. It is the largest single spring in the Black Hills. The warm water provides for warm climate plant species more acclimated to the Southern United States. Four of these plant species are found nowhere else in the Black Hills nor in South Dakota.

The warm springs, warm water cascading falls, and unique vegetation characteristics are the visual and recreational attractions of this area. Recreational activities include fishing, picnicking, swimming and botanizing.

Activities associated with management of Cascade Complex would be directed at the maintenance and improvement of the areas natural setting, providing a healthy and safe recreational environment, conserving and enhancing areas of botanical interest and protecting sensitive natural resources, such as the warm springs.

Management Area Goals and Objectives

Biological Elements -- Flora

Forest Communities (FC)

8.2-201. *Manage vegetation in high-use recreation areas to provide for public safety, to improve forest condition, or protect sensitive plants and plant species of local concern as needed to maintain or improve the desired recreation setting(s) and conserve botanical features. **GOAL**

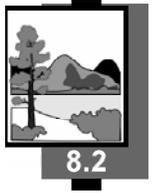
8.2-202. Emphasize a visually appealing landscape by providing a diversity of vegetative species and size classes, vista openings featuring rock outcroppings, and park-like stands of large ponderosa pine. **GOAL**

8.2-203. Maintain existing stands and acres of hardwoods. **OBJECTIVE**

Disturbance Processes

Fire and Fuels

8.2-204. Manage fuels to retain a natural forest appearance and to reduce the threat of wildfire damage to forest resources. **GOAL**



8.2-205. Reduce total fuel loading to eight tons per acre or less. **OBJECTIVE**

Insects, Diseases, and Non-native Invasive Species

8.2-206. *Control insect-and-disease pest populations in and adjacent to the area through active monitoring while reducing pest-population potential through vegetative management. At Cascade Creek, use an insect-control method other than chemical pesticides as a priority. **GOAL**

8.2-207. ***NEW**. At Cascade Creek document any occurrences of salt cedar or purple loosestrife and treat as soon as control would be effective. Treat using the method(s) that would pose the least risk to R2 sensitive and species of local concern plants that occur there. **OBJECTIVE**

Social Elements

Recreation

8.2-208. ***NEW**. Prevent and control erosion, including erosion brought on by recreational use at locations along Cascade Creek where known *Epipactis gigantea*, *Adiantum capillus-veneris*, and *Eleocharis rostellata* populations exist if monitoring reveals that existing measures are not adequate. **OBJECTIVE**

See Forest-wide Goals and Objectives

Management Area Standards and Guidelines

General

8.2-1001. All resource management activities should be compatible with and minimize impacts to recreational resources and opportunities. **GUIDELINE**

Biological Elements -- Flora

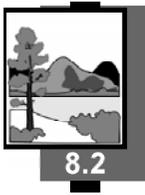
Forest Communities

8.2-2101. Vegetation manipulation may be scheduled to protect and enhance recreational opportunities, but should not occur during times of high recreational use or result in conflicts with recreational activities. **GUIDELINE**

8.2-2102. Manage ponderosa pine utilizing a 200-year rotation. **GUIDELINE**

8.2-2103. Suitable lands are available for timber production and contribute to the allowable sale quantity. **STANDARD**

8.2-2104. *Protect unique biological features. If monitoring of R2 sensitive or species of local concern plant occurrences documents these species are being impacted by recreational use, practices will be implemented to protect the species. **STANDARD**



Rangeland

8.2-2501. Livestock management strategies in allotment management plans should meet the recreational objectives for the management area. **GUIDELINE**

Biological Elements -- Fauna

Wildlife

8.2-3201. Wildlife management activities should be implemented to retain or enhance viewing opportunities and species diversity. **GUIDELINE**

8.2-3202. Retain dead standing trees that do not present a safety hazard. **STANDARD**

8.2-3203. **DELETED***.

Social Elements

Recreation

8.2-5101. The recreation opportunity spectrum class is roaded natural. **GUIDELINE**

8.2-5102. Prohibit camping outside of developed campgrounds. **STANDARD**

8.2-5103. High-use recreation sites may be hardened and/or additional restrictions enforced to protect sensitive natural resources. **GUIDELINE**

Scenery Management

8.2-5601. The adopted scenic integrity objectives are:

High = 9,331 Acres

Moderate = 3,873 Acres

Low = 196 Acres

GUIDELINE

Administrative Elements

Special Uses

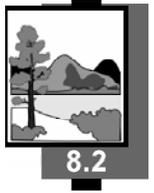
8.2-8500. Permit special-uses that are complementary and compatible with the kind and development level of the associated Forest Service facilities within the area. **GUIDELINE**

Transportation and Travel

(Exceptions to travel restrictions/prohibitions may be allowed for administrative uses.)

8.2-9101. Off-road motorized travel is prohibited. **STANDARD**

8.2-9102. Motorized road travel is restricted to designated routes. **GUIDELINE**

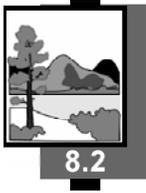


8.2-9103. Over-the-snow motorized travel is restricted to designed routes and areas. **GUIDELINE**

8.2-9104. Transportation systems, both roads and trails, should be constructed and maintained to the levels needed to support the recreational activities within the area. **GUIDELINE**

8.2-9105. Emphasize signing of recreational purposes that comply with site-development scale and ROS. **GUIDELINE**

8.2-9106. *No new developments, including road and trail construction, will take place in the Cascade Creek/Spring area (T8S, R5E, Sec. 20, SE $\frac{1}{4}$ SW $\frac{1}{4}$). **STANDARD**



Management Area 8.2
