

Bridger-Teton National Forest Proposed Monitoring Plan Modification (August 2016)

Monitoring Question	Indicators
In what condition are the watersheds?	<ul style="list-style-type: none"> • Multiple indicators from the <i>Forest Service Watershed Condition Framework</i> which includes both physical, biological, aquatic and terrestrial variables that affect watershed condition
Are air quality related values being impacted within wilderness areas and other areas of the Forest?	<ul style="list-style-type: none"> • Lake chemistry • Aquatic and terrestrial nitrogen deposition • Eutrophication of lakes • Visibility
Are native aquatic and riparian ecosystems maintaining or improving in relation to aquatic invasive/exotic species?	<ul style="list-style-type: none"> • Miles of stream and acres of lake habitats that have aquatic invasive/ exotic species present. • Miles of stream and acres of lake habitats in which aquatic invasive/ exotic species have displaced native aquatic species
To what extent is vegetation being impacted by management activities and natural disturbance processes?	<ul style="list-style-type: none"> • Acres in each biophysical setting affected by vegetation management activities • Acres affected by natural disturbance processes • Acres affected and/or susceptible to invasive plant species

Monitoring Question	Indicators
Are forest management activities and/or natural events affecting the ecological conditions that contribute to the recovery of the endangered Kendall Warm Springs dace?	<ul style="list-style-type: none"> • Population density estimates • Number and type of habitat improvement projects • Channel width/depth ratios and channel temperatures
Are forest management activities and/or natural events affecting the ecological conditions that contribute to the recovery of the threatened Greater Yellowstone Area (GYA) grizzly bear?	<ul style="list-style-type: none"> • Ecological conditions for grizzly bear per the <i>Final Conservation Strategy for the Grizzly Bear in the Greater Yellowstone Area</i>. • Trends in 1998 baseline indicators
Are forest management activities and/or natural events affecting the ecological conditions that contribute to the recovery of the threatened Canada lynx and its critical habitat?	<ul style="list-style-type: none"> • Acres of Forest-wide fuel treatments and vegetation projects reported in accordance with the required monitoring found in the <i>Northern Rockies Lynx Management Direction</i>
Are forest management activities and/or natural events affecting the ecological conditions that contribute to the recovery of the threatened yellow-billed cuckoo?	<ul style="list-style-type: none"> • Acres of cottonwood overstory riparian habitat
Are forest management activities and/or natural events affecting the ecological conditions that contribute to the recovery of candidate whitebark pine?	<ul style="list-style-type: none"> • Acres treated for the purpose of sustaining or restoring whitebark pine • Acres by forest size class
Are forest management activities and/or natural events affecting the ecological conditions that contribute to the recovery of the proposed grey wolf?	<ul style="list-style-type: none"> • Open motorized route density • Numbers of commercial livestock grazing allotments • Number of wolves removed due to livestock/human conflicts

Monitoring Question	Indicators
Are forest management activities and/or natural events affecting the ecological conditions that contribute to the recovery of the proposed North American wolverine	<ul style="list-style-type: none"> • Acres open to over-snow vehicle use • Miles of groomed over-snow trails (e.g. motorized and non-motorized) • Amount of snowpack
Are forest management activities and/or natural events affecting aquatic conditions indicated by the status of a focal species?	<ul style="list-style-type: none"> • Native cutthroat trout population density estimates
Are developed recreation sites managed to standard?	<ul style="list-style-type: none"> • Condition of sites • Change in extent of maintenance backlog • Number of water systems that do not meet requirements
Are the amount and types of recreation opportunities provided meeting customer needs and expectations?	<ul style="list-style-type: none"> • Visitation estimates, visitor activities, and percent overall satisfaction • Visitor numbers at ski areas, other resorts, and outfitter/guide services • Annual percent occupied sites in campgrounds and picnic areas • Acres providing various classes of recreation opportunity (ROS)
Are the free-flowing conditions, water quality, and Outstandingly Remarkable Values for Wild and Scenic Rivers maintained and protected?	<ul style="list-style-type: none"> • Watercraft use in Wild and Scenic Rivers • Occupancy of dispersed campsites in Wild and Scenic River corridors • Occupancy of vehicle access areas
Do management activities in designated wilderness areas preserve wilderness character?	<ul style="list-style-type: none"> • Extent to which fire is playing its natural role • Campsite condition and trail encounters • Authorized motorized and mechanized entry

Monitoring Question	Indicators
What stressors are impacting the plan area?	<ul style="list-style-type: none"> • Extent of insect and disease infestation • Amount of snowpack and spring runoff • Extent of invasive species
Does the Forest road and trail system provide for motorized and non-motorized recreation opportunities in both summer and winter?	<ul style="list-style-type: none"> • Acres open to over-snow vehicle use • Miles of groomed over-snow trails (e.g. motorized and non-motorized) • Miles of non-snow (summer) trails maintained for motorized and non-motorized use. • Trail miles maintained to standard • Road miles maintained to standard
Are multiple use opportunities on the Forest contributing to the prosperity of local communities?	<ul style="list-style-type: none"> • Forest visitor numbers • Availability and use of commercial recreation opportunities • Availability and use of livestock grazing opportunities • Amount of timber offered and produced • Availability and use of firewood and other products for personal use
Is timber harvest occurring in a manner which does not impair the productivity of the land?	<ul style="list-style-type: none"> • Implementation of Best Management Practices during timber harvest and transport • Amount of timber harvested relative to Allowable Sale Quantity as specified in the Forest Plan • Areas of regeneration harvest of timber re-stocked with young trees within five years of final harvest