

PSICC 2012 Planning Rule Monitoring Questions and Indicators

Monitoring Questions	Indicators	Data Sources
<i>Status of select watershed conditions</i>		
Is the PSICC improving condition in priority watersheds?	<ul style="list-style-type: none"> • Identification of priority watersheds. • Completion of essential projects identified in Watershed Restoration Action Plan. • Change in watershed condition class. 	<ul style="list-style-type: none"> • Watershed Condition Assessment Tracking Tool (WCATT). • Watershed Improvement Tracking (WIT) database.
Are Best Management Practices (BMPs) being implemented, and are they effective at protecting water quality?	<ul style="list-style-type: none"> • Monitoring protocols rating system. 	<ul style="list-style-type: none"> • BMP database.
<i>Status of select ecological conditions including key characteristics of terrestrial and aquatic systems</i>		
<p>Air quality related values</p> <ul style="list-style-type: none"> • What are the conditions and trends for visibility in selected Class I (and selected Class II Wilderness Areas on the PSICC? • Where collected 	<ul style="list-style-type: none"> • Visibility on the haziest and clearest days. • Water chemistry of high mountain lakes. 	<ul style="list-style-type: none"> • IMPROVE data collection stations-haze index data. • Deciview graph displaying trend data for visibility. • National Atmospheric Deposition Program. • USGS Snow Chemistry. • The lake sampling program is managed and implemented by PSICC personnel as part of a long-term national sampling program.
What are the status and trends of insects and disease in and around the PSICC?	<ul style="list-style-type: none"> • Types of outbreak, acres, and location. 	<ul style="list-style-type: none"> • Annual aerial detection surveys. • Forest Health Protection. • National Forest Insect and Disease Risk Data and Products.
<i>Status of focal species to assess ecological conditions</i>		
What is the status and trend of black-tailed prairie dogs?	<ul style="list-style-type: none"> • Prairie health as measured by: status of towns; occupancy and distribution; and plague occurrence. 	<ul style="list-style-type: none"> • Cimarron Comanche National Grassland historic and future surveys.
<i>Status of select set of the ecological conditions required for TEPCS</i>		

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What is the status and trend of populations and habitat conditions for Threatened Greenback Cutthroat Trout?	<ul style="list-style-type: none"> • Number of self-sustaining populations on the Pike & San Isabel National Forests. • Number of locations for greenback cutthroat, including stream and lake habitats. • Relative abundance of greenback cutthroat trout in occupied streams. • Recovery actions completed. • Miles of stream habitat improved. 	<ul style="list-style-type: none"> • Colorado Parks and Wildlife Annual Monitoring. • PSICC habitat surveys. • PSICC monitoring of reintroduced greenback populations.
<i>Status of visitor use, visitor satisfaction, and progress toward meeting recreation objectives</i>		
Are visitors' satisfaction being met on the PSICC?	<ul style="list-style-type: none"> • Visitor measured satisfaction levels. • Number of visitors to the PSICC. • Changes in recreation demands. 	<ul style="list-style-type: none"> • National Visitor Use Monitoring for the PSICC, visitors are surveyed every 5 years with an accompanying report.
<i>Measurable changes on the plan area related to climate change and other stressors</i>		
What are the status and trends of snowpack, and precipitation within PSICC watersheds?	<ul style="list-style-type: none"> • Elevation, snow depth, snow water equivalent,. • Precipitation (all above also as a percentage of average) (NRCS) and timing of peak flows (USGS). 	<ul style="list-style-type: none"> • United States Geological Survey (USGS). • Natural Resources Conservation Service (NRCS).
<i>Progress toward meeting the desired conditions and objectives in the plan including social economics</i>		
What are the status and trends of cultural resource sites?	<ul style="list-style-type: none"> • Acres by class of survey. • Project work records. • Sites protected. 	<ul style="list-style-type: none"> • Field inspections. • Project work records.
What is the status of rangeland condition?	<ul style="list-style-type: none"> • Acres of rangeland at; moving toward; or moving away from desired conditions. 	<ul style="list-style-type: none"> • Range analysis and allotment inspections.
What are the status and trends of allowable sale quantity of timber sold?	<ul style="list-style-type: none"> • Volume of timber sold. 	<ul style="list-style-type: none"> • 5 and 10 year cut and sold reports. • RIS site and activity records.
What are the status and trends of road construction and reconstruction?	<ul style="list-style-type: none"> • Miles by category. 	<ul style="list-style-type: none"> • Project analysis.

How many road closures and de-commissionings occur annual?	<ul style="list-style-type: none"> • Annual miles of road closures and de-commissionings. 	<ul style="list-style-type: none"> • Motor Vehicle Use Maps • INFRA Database
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<i>Effects of each management system to determine that they do not substantially and permanently impair productivity of the land</i>		
What are the status and trends of soil productivity and hydrologic function?	<ul style="list-style-type: none"> • Type, degree and extent of soil disturbance and risk rating to determine the effect of soil disturbance on soil productivity and hydrologic function. • Acres of impacted soils restored or protected. 	<ul style="list-style-type: none"> • Use protocols defined in the <i>Soil Disturbance Field Guide</i> or other appropriate tool. • Watershed Improvement Tracking Tool (WIT).
How many MMBF are sold annually?	<ul style="list-style-type: none"> • Total MMBF sold annually 	<ul style="list-style-type: none"> • USFS TIM Database • Timber harvest project accomplishment reports