

Monitoring and Evaluation Program

Program	Activity	Monitoring Question	Monitoring Indicator
Recreation	Developed Sites; Actual Use	Are developed recreation sites meeting Forest Plan standards for use, and are visitors satisfied?	Developed site use and visitor satisfaction
	Developed Sites; Condition	Are developed recreation sites meeting Forest Plan standards for condition?	Developed site condition
	Dispersed Actual Use	Are dispersed recreation sites meeting Forest Plan standards for use, and are visitors satisfied?	Dispersed site use and visitor satisfaction
	Dispersed campsite condition	Are dispersed recreation sites meeting Forest Plan standards for condition, and are visitors satisfied?	Dispersed site condition
	Trail condition	Are trails meeting Forest Plan standards for use and condition, and are visitors satisfied?	Trail use, and visitor satisfaction; miles of motorized trail managed to standard; miles of non-motorized trail managed to standard
Cultural Resources	Sites located and protected	Are historical and cultural resources being protected both from forest plan implementation activities and from vandalism or neglect?	Number of historical or cultural sites adversely impacted by projects or the public
Fish and Wildlife	Wildlife Habitat Diversity	Is the diversity of wildlife habitat being maintained?	Diversity of forest and rangeland vegetation
	Modification of Ecosystem	Are forest management activities and/or natural events affecting the structure and function of upland and riparian ecosystems?	Structure and function of forest and riparian ecosystems
	Big game habitat condition	Is big game habitat maintained to meet Forest Plan desired conditions?	Big game habitat condition
	Fish (BCT)	Are forest management activities and natural events affecting the ecological conditions indicated by the status of focal species?	BCT population estimates
	Threatened Plant Species	Are TEPC plant habitats being protected from forest plan implementation activities?	Number of TEPC plant locations adversely impacted
	Nongame Species	Are forest management activities and natural events affecting the ecological conditions indicated by the status of focal species?	Habitat across the planning area
	Macro-invertebrate	Are forest management activities and/or natural events affecting aquatic habitats?	Aquatic habitat condition
	T&E and Sensitive Animals	Are TEPC animal habitats being protected from forest plan implementation activities?	TEPC habitat conditions retained across the planning area
	Habitat Condition Inventory	Is aquatic habitat maintained to meet Forest Plan desired conditions?	Aquatic and riparian condition; in-stream channel condition
	Snag Management	Are snags in condition to meet needs of cavity nesters?	Snag condition
Range	Permitted AUM	Are goods and services being provided in accordance with Forest Plan goals and objectives?	Level of permitted livestock grazing
	Forage Utilization	Are goods and services being provided in accordance with Forest Plan goals and objectives?	Forage utilization
	Range Trend	Do rangeland plant communities have desired species composition and is ground cover adequate?	Range condition and trend
Timber	Assure that timber manipulation will not favor	Are forest vegetation conditions stable or moving toward Forest Plan desired conditions?	Extent of insect and disease infestations

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	an increase in forest pests (insects, diseases, etc.).		
Water	Water Quality	Are beneficial uses, identified by the state of Utah, being maintained for all water bodies?	Impairment or degradation of water quality
	Changes in riparian Areas Due to Management	Are forest management activities affecting riparian ecosystems?	Riparian ecosystem condition
	Best Management practices effectiveness and compliance on land disturbing projects	Which forest management activities may affect riparian ecosystems?	BMP compliance and effectiveness
Soils	Accelerated Soil Loss Forestwide	Are forest management activities impairing soil productivity of the land?	Changes in soil properties (physical, chemical, and/or biological) that result in the loss of the inherent ecological capacity or hydrologic function of the soil resource
Facilities	Transportation System Management	Is adequate road access and maintenance being provided?	Miles of classified road open for public use
	Road Maintenance	Are open roads maintained to standard?	Miles of road maintained to standard
Protection	Fuel Treatment	Are fuel treatment projects protecting property, human health and safety, and reducing the potential for unwanted fire effects?	Effectiveness of fuel treatments in reducing unwanted fire effects
	Insect & Disease	Are forest vegetation conditions stable or moving toward Forest Plan desired conditions?	Extent of insect and disease infestations
Goshawk	Goshawk territory occupancy at the forest level	Are known goshawk territories on NFS lands remaining occupied?	Goshawk territory occupancy
	Goshawk territory occupancy following vegetative management treatments	Are goshawk territories remaining occupied following vegetation management?	Goshawk territory occupancy
	Dispersion & patch size of mature/old forest groups	Is mature and old forest habitat connectivity being adequately maintained?	Percent and distribution of mature and old forest cover
	Snag densities/sizes within a 100 acre treatment block	Is snag habitat being maintained in desired spatial arrangement?	Density and distribution of snags
	Down log & woody debris amounts/sizes within a 10 acre treatment block	Is downed wood being maintained in sufficient amount, size, and location?	Quantity of downed logs and woody debris
	Ungulate grazing practices in identified at-risk locations	Are appropriate adjustments to grazing practices being made where grazing is contributing to at-risk conditions?	Ungulate grazing practices in at-risk locations