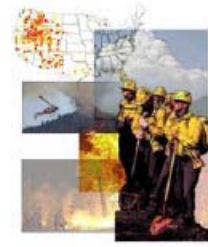


National Fire Plan

Modoc National Forest
Pacific Southwest Region
California



Hazardous Fuels Reduction Project Hackamore Hazardous Fuels Treatments/Devil's Garden Ranger District

Project Description. The Hackamore Ecosystem Restoration and Enhancement Project is located on the Devil's Garden Ranger District, Modoc National Forest. The project incorporates approximately 19,000 acres of underburning and 16,000 acres of mechanical treatments with 10,000 of these acres involving both treatments. The treatments are strategically located in a modified "splat" configuration consistent with the Sierra Nevada Framework. A "splat" is a fuels treatment of sufficient size that is strategically located so as to interrupt the spread of a wildfire. 298 acres of the underburning was designed to also improve big game forage and habitat.

Mechanical treatments for hazardous fuels are biomass treatments involving chipping operations and sawlog removal. The logging operation subsidizes the removal and utilization of the smaller material.



Figure 1. Processing logs as part of a hazardous fuels treatment on Hackamore.

Implementation. To date, approximately 6,500 acres of thinning and 4,050 acres of underburning have been accomplished. The completed burning has been both Spring and Fall burning in order to observe seasonal differences. Permanent monitoring plots have been established to track changes in vegetation and fuel profiles. Modoc National Forest, in consultation with California Department Fish and Game, also has an extensive bitterbrush monitoring plan in place. Project implementation has involved the use of Bureau of Indian Affairs and Bureau of Land Management personnel, California Department of Forestry and Fire Protection inmate crews and private contractors.



Figure 2-Prescribed burning of heavy fuels in Hackamore.

Accomplishments to date. To date approximately 6,500 acres of thinning and 4,057 acres of underburning have been accomplished. Prescribed burning acres by year are: 2000-1,138 acres; 2001-783 acres; 2002-2,000 acres and 2003-136 acres.

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