

Prescribed Fire

LOGAN RANGER DISTRICT
FALL/SPRING 2004/2005
WASATCH-CACHE
NATIONAL FOREST



Aerial Ignition 2003 Boulder Mountain



2003 Logan Ranger District, Boulder Mountain Burn

PRESCRIBED FIRES

Prescribed Fire is one tool used by Forest Managers to reduce hazardous fuels, restore ecosystem health and improve the quality of watersheds and wildlife habitat.

A Prescribed Fire only occurs when the temperature, humidity, wind speed and fuel moisture are within the prescribed fire plan objectives. Prescribed Fires will be ignited when predicted weather and fuel conditions allow for minimized smoke impact on the public's air quality and public health.

Prescribed fires can be ignited by hand, using drip torches or by air using helicopters to drop incendiary devices.

In order to restore fire to its natural role in forests and rangeland, we ignite prescribed fires in the spring and fall when weather conditions allow for slow, low intensity burning to protect the soil. Specific management objectives may be to reduce the fuels and/or create a mosaic pattern in the vegetation to create cover, forage, and browse areas for wildlife. Prescribed fire can also mimic naturally occurring fire, enhance native plant species and create diversity in vegetation structure and distribution.

We know that fire is essential to the health of our forest and rangelands. Since conditions in many areas are conducive to large, severe wildland fires, and because so many people now live in or near forest and rangelands, we need fires to burn at cooler temperatures and lower intensities. By igniting prescribed fires, we can maximize the chance that they will burn on our terms with acceptable effects.

NORTH RICH PRESCRIBED BURN

The North Rich Prescribed Burn consists of one unit totaling approximately 120 acres of aspen, mixed conifers and sagebrush. The burn is located approximately 30 miles east of Logan, Utah and about 5 miles west of Garden Valley, Utah.

Depending on weather conditions, lighting of this prescribed burn could take place anytime from September 25, 2004 through the end of October 2004.

The purpose of the burn is to re-generate aspen and sagebrush communities to improve rangeland and enhance wildlife habitat. Additional benefits include, improving overall health of aspen to lower the risk of insect and disease and to reduce the risk of catastrophic wildfires through the reduction of hazardous fuels.



2003 Boulder Mountain Burn

BLACKSMITH FORK PRESCRIBED BURN

Blacksmith Fork Prescribed burn consists of 12 units totaling 4,800 acres. Burning these units will be accomplished over a two to three year period. The Burn Units are located approximately 10 miles southeast of Logan, Utah and 10 miles northeast of Hyrum, Utah.

Depending on weather conditions, lighting of Burn Units NE1 and SW 1 could take place anytime from September 25, 2004 through the end of October 2004.

The purpose of the burn is restoration and maintenance of age-class diversity among aspen dominated stands. Additional benefits include the restoration of young age classes of aspen to benefit Wildlife species and to decrease the potential for high intensity wildfires with unwanted effects.



Hand ignition on 2003 Boulder Mountain Burn

These prescribed burns are the first phases of a multi-year plan that reintroduces fire back into the ecosystem for re-vegetation and to reduce hazardous fuels near communities at risk as part of the revised Wasatch-Cache National Forest Management Plan.

The majority of the brush communities in the burn areas are approaching late seral stages due to a lack of natural disturbances. In addition, grazing, fire suppression, and other management practices have changed the forest structure and composition, causing a decline in the ecological health of the forests.

Prescribed fire and wildland fire use provide for ecosystem maintenance and restoration consistent with land uses and historic fire regimes. Fuels are managed to reduce the risk of damage to private property and to provide for public and firefighter safety by lowering the risk of catastrophic wildfires occurring.

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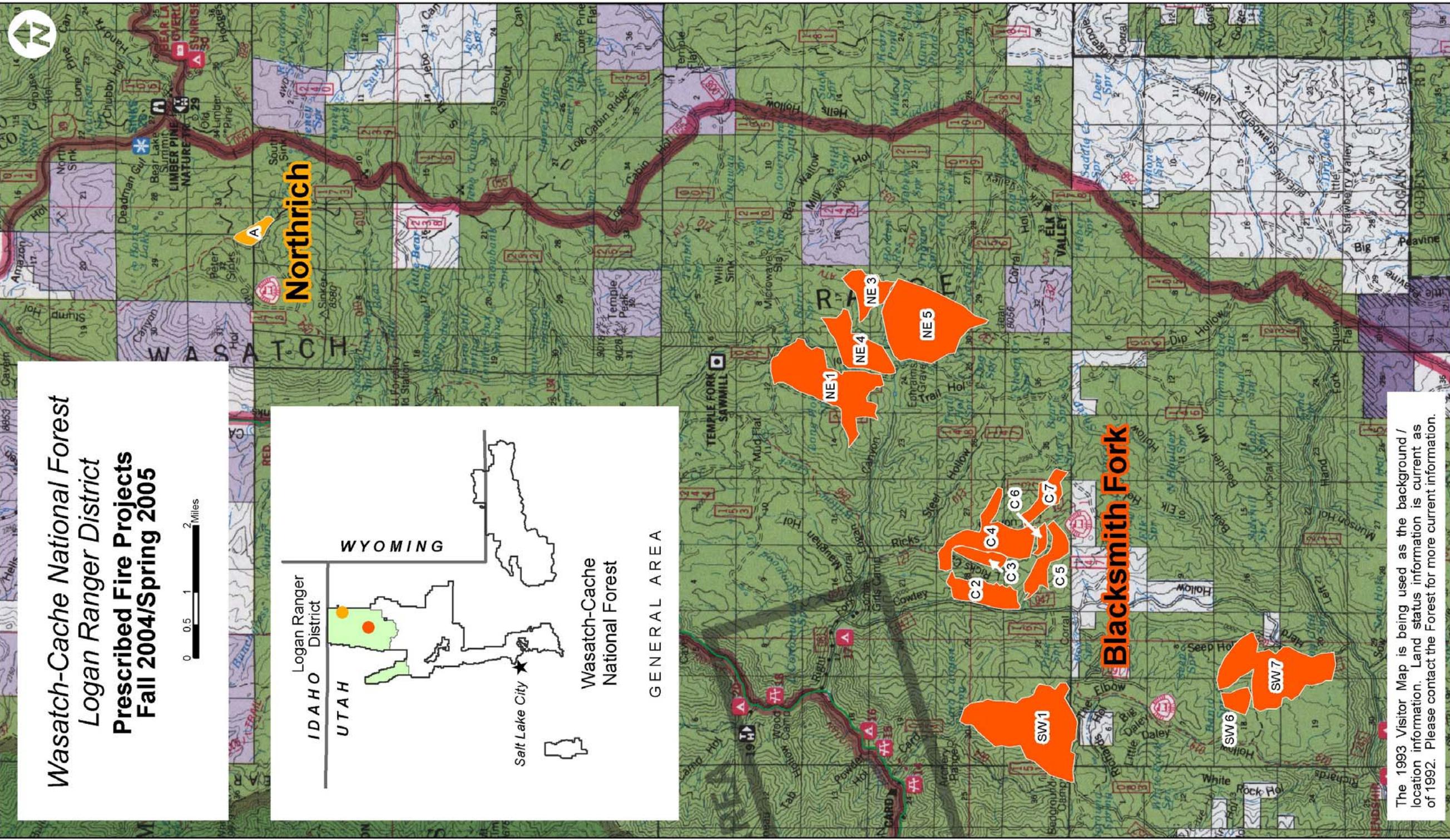
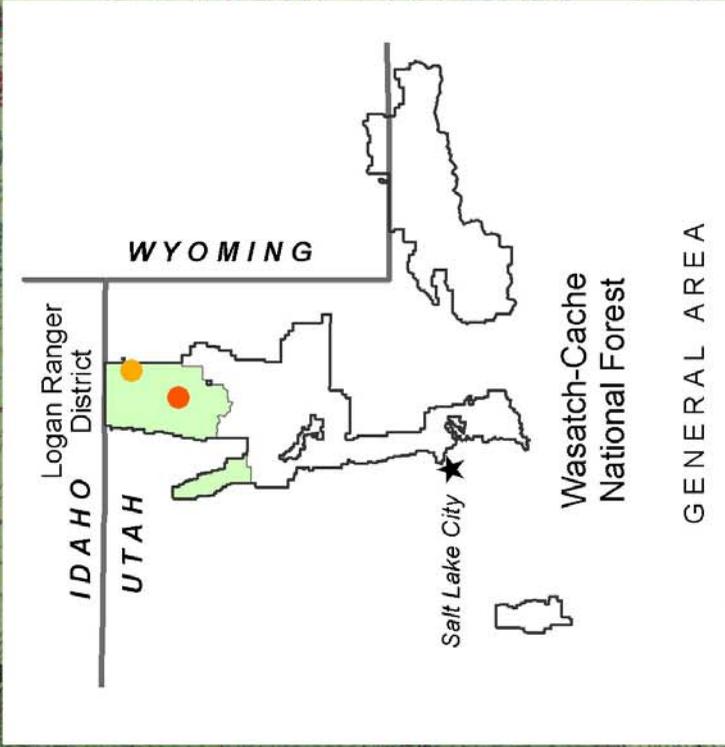
North Rich & Blacksmith Fork Prescribed Burns To Enhance Wildlife Habitat & Reduce Hazardous Fuels

If you would like more information about The Prescribed Fires planned on the Logan Ranger District Please Visit.

www.fs.fed.us/r4/wcnf or call (435) 755-3620



**Wasatch-Cache National Forest
Logan Ranger District
Prescribed Fire Projects
Fall 2004/Spring 2005**



The 1993 Visitor Map is being used as the background / location information. Land status information is current as of 1992. Please contact the Forest for more current information.