EXHIBIT 1
DATE 3/11/09
SB 131

Montana's Interface Challenge

MITIGATING THE RISK

The average cost for comprehensive fuels mitigation in Montana is $780/acre.

Using the data in the table (at left), cost to mitigate fuel hazards on forested lands in the WUI under local government ownership would approach $7.5 million dollars.

Fuels mitigation grant programs offer cost-share assistance ranging from 50%-75% to private homeowners to assist with reducing hazardous fuels and creating defensible space.

Who owns the interface*?

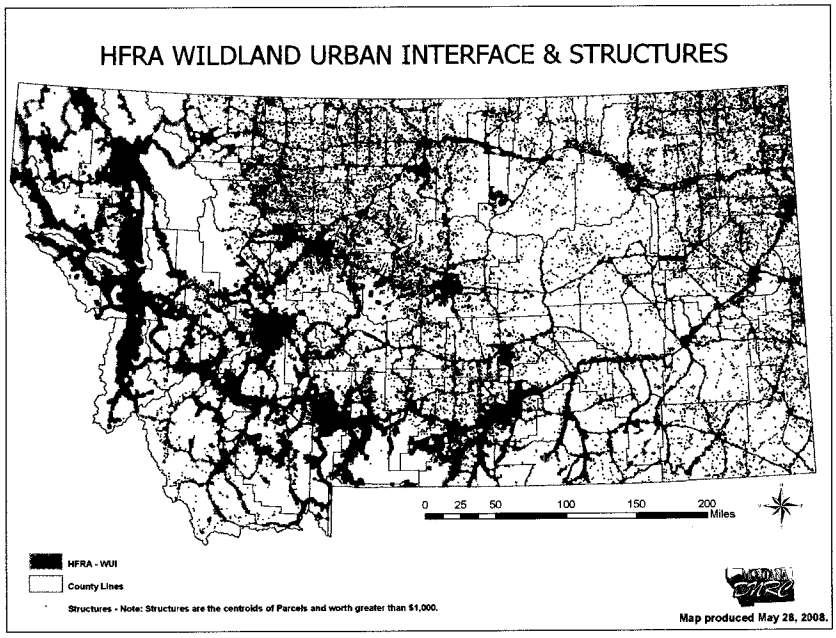
Ownership	Forested Acres in WUI	Non-Forested Acres in WUI
Federal	3.7 Million	521,000
Local Gov't	10,700	7,500
Private	4.03 Million	910,000
State	435,200	599,000
Tribal	442,500	756,300
There are 910,084 acres of state trust land in the wildland urban interface throughout Montana		

*Based on the default WUI boundary determination provided for in the Health Forests Restoration Act (HFRA), which is 1/2—1 1/2 miles from communities, concentrations of structures, subdivisions, and/or municipal boundaries.

Structure Protection

Based on statewide data, there are an estimated 350,927 structures in the wildland urban interface in Montana. Of those, it is reasonable to assume that approximately 2/3 of those (about 234,000) are homes.

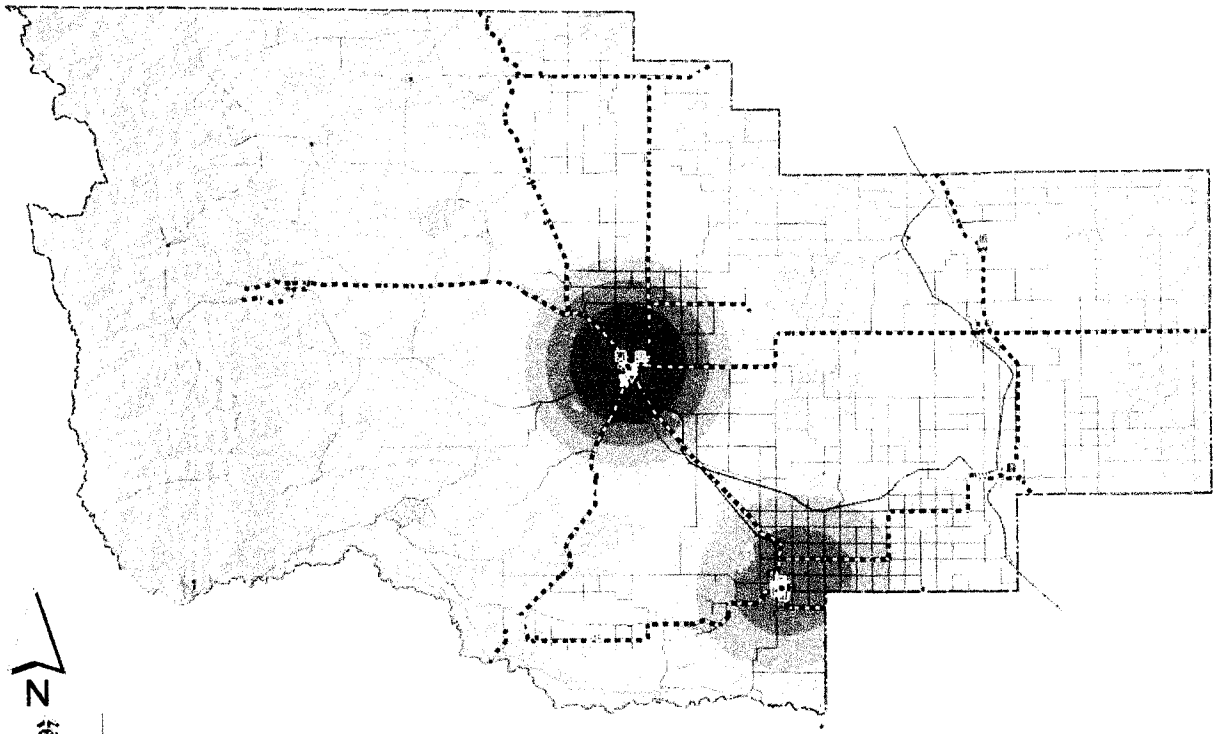
At an average price of $150,000, the value of homes in the interface — excluding other personal property — is more than $35 Billion dollars. The map on the right shows the concentration of structures (black) and the wildland urban interface in Montana (red).



Wildland-Urban Interface as derived from structure density

Teton County, Montana
All Hazards Mitigation Plan

Wildland-Urban Interface
Significant Infrastructure



Legend

- Communities

INFRASTRUCTURE

- BUILDING: SHELTER
- ABOVE GRD STORAGE
- CELL TOWER
- RADIO REPEATER
- SEWAGE LAGOON
- SUBSTATION
- TELEPHONE SWITCH
- WATERSHED
- WATER TANKS
- WATER TOWERS
- WATER WELLS
- TREATMENT WELL
- WATER SOURCE/TREAT
- Railroad

FEMA Access

- Primary
- Secondary
- Roads
- Driveways
- Streams
- Teton County
- Open Water

WUI: Intermix & Interface

- High Density
- Medium Density
- Low Density
- Rural Lands
- Wild Lands

N

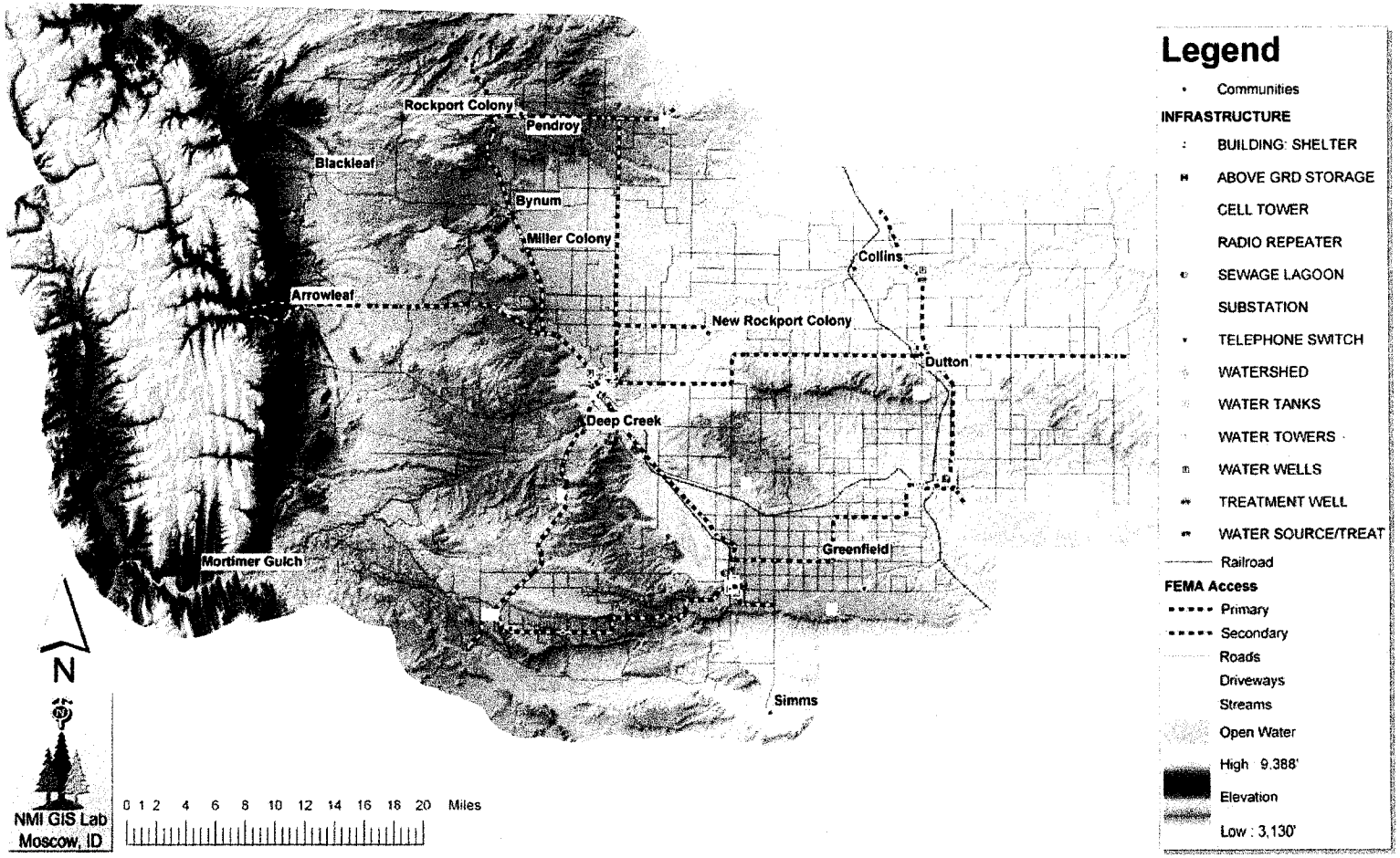
0 1 2 4 6 8 10 12 14 16 18 20 Miles

NMI GIS Lab
Moscow, ID

Shaded Elevation Relief of Teton County

Teton County, Montana
All Hazards Mitigation Plan

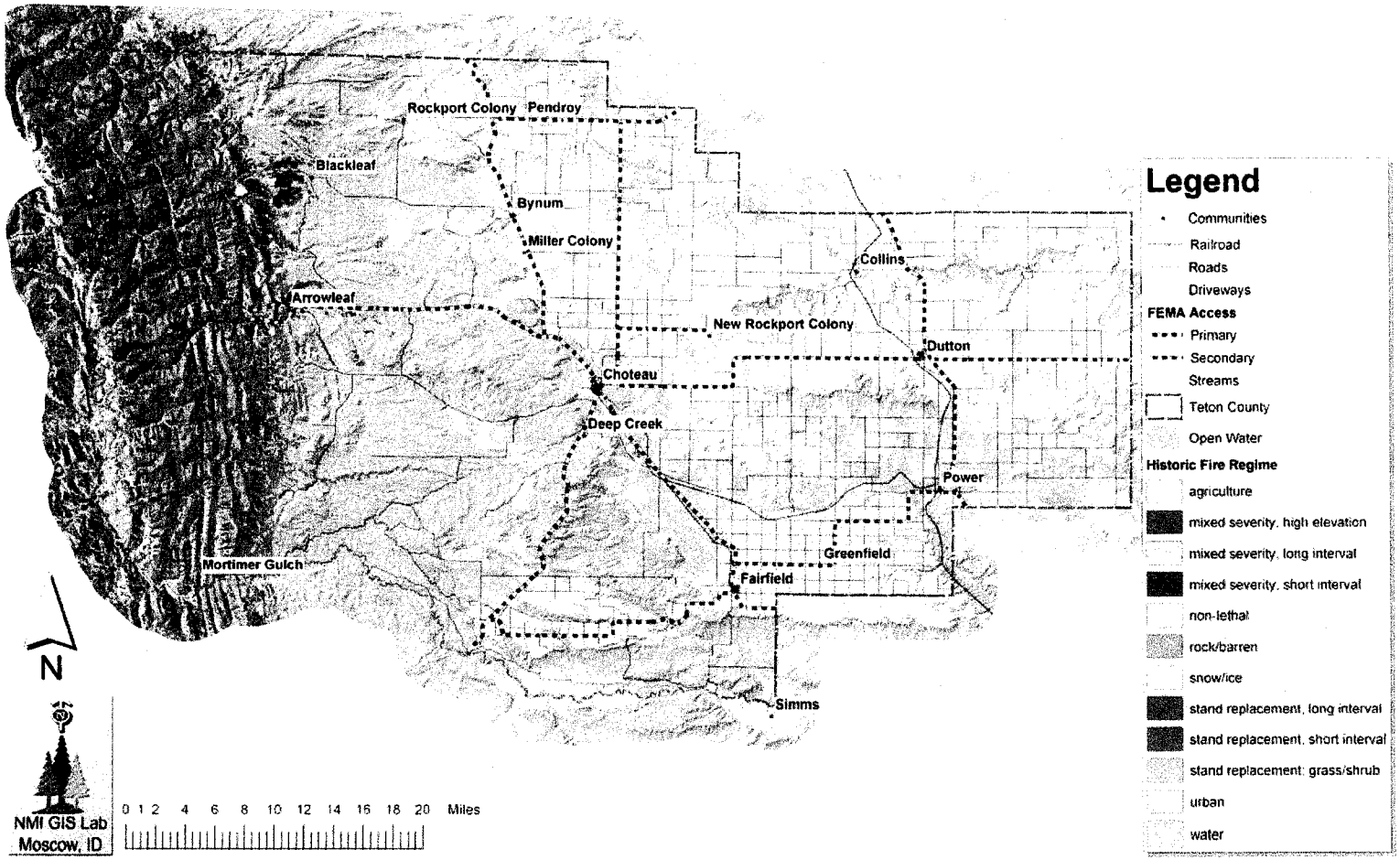
Topographic Relief
Significant Infrastructure



Historic Fire Regime in Teton County

Teton County, Montana
All Hazards Mitigation Plan

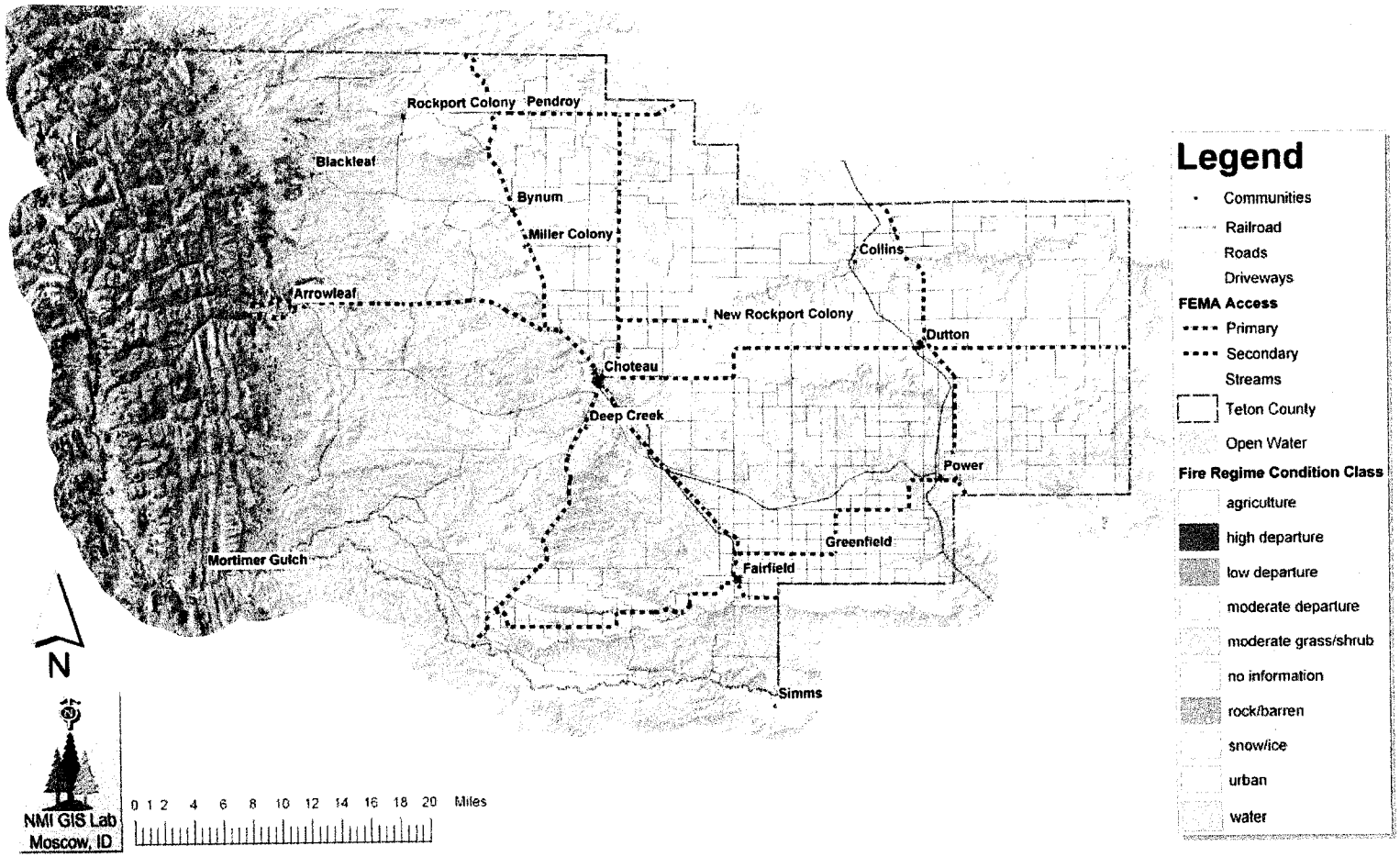
Historic Fire Regime



Fire Regime Condition Class in Teton County

Teton County, Montana
All Hazards Mitigation Plan

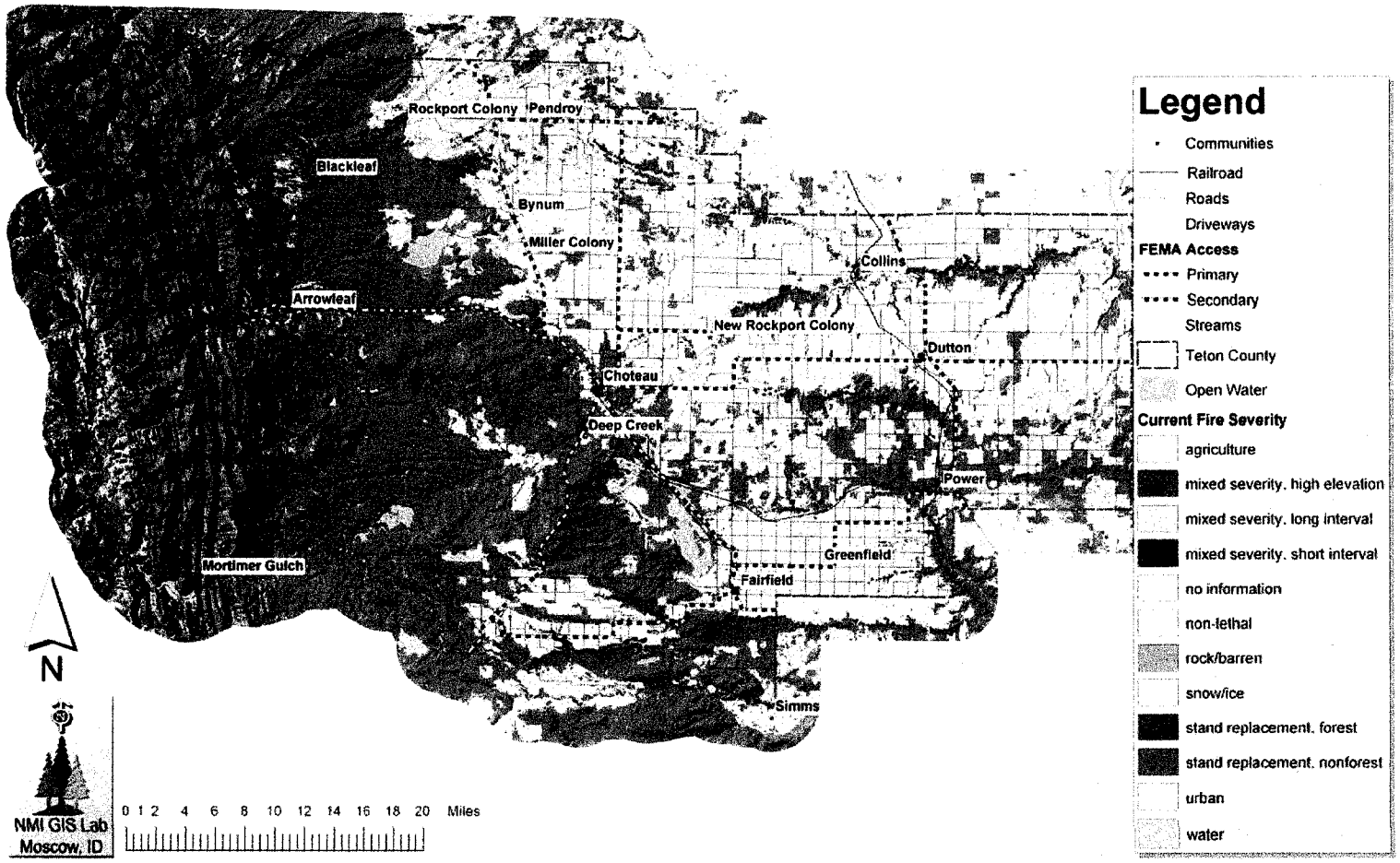
Fire Regime Condition Class



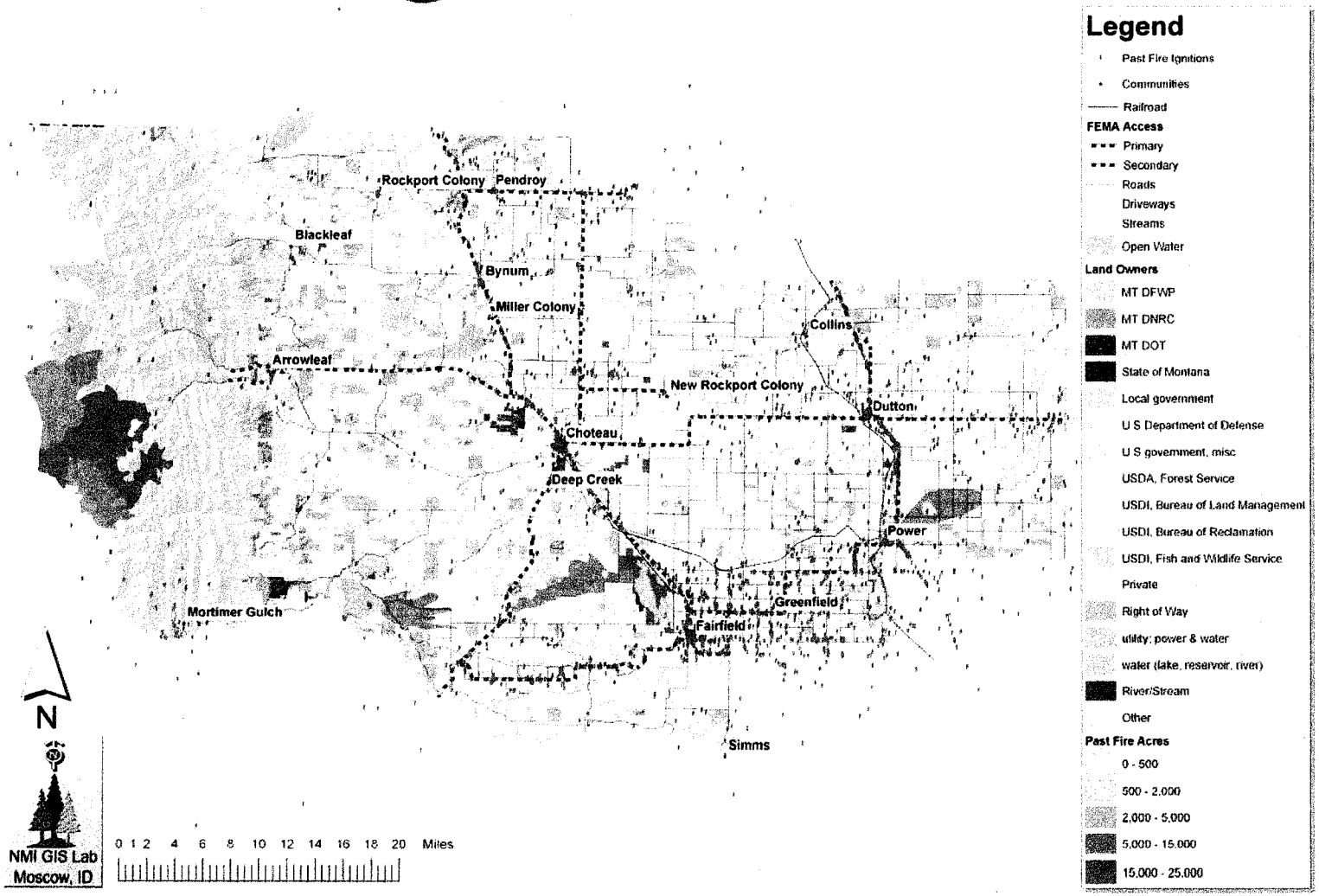
Current (Predicted) Fire Severity in Teton County

Teton County, Montana
All Hazards Mitigation Plan

Current Fire Severity
(Predicted)



Past Fires in Teton County

Teton County, Montana
All Hazards Mitigation Plan

Land Ownership
Past Fires
Significant Infrastructure