

89
United States
Department of
Agriculture

Forest
Service

Prescott National
Forest

344 South Cortez St.
Prescott, AZ 86303

Reply to: 2509

Date: July 25, 1989

Subject: Pine Mountain Fire Rehabilitation needs

To: Forest Supervisor

I have read Suraj's reconnaissance report dated July 17, 1989 on rehabilitation needs for the Pine Mountain Fire.

The objectives of emergency rehabilitation is to initiate action to minimize:

1. Loss of soil and onsite productivity
2. Loss of water control and deterioration of water quality
3. Threats to life and property onsite and offsite

I discussed with him all the three items to arrive at my decision. There are 3-4 spots that burned hot with very little vegetative cover left behind. However, there are enough surface coarse fragments that consist of basaltic cobbles, stones and rocks. These coarse fragments will slow down higher flow velocities resulting in a little soil loss and site productivity.

Some ash with nutrients may move down. The concentration will not be high enough to cause any water quality concerns. The increased concentration probably will be limited to the first 3-4 big storms. Even if seeding is done it will not be effective during the first year.

Since the fire is spoty the surrounding unburned stands will act as buffer strips. These will slow down runoff velocities and decrease sediments moving down. No significant amounts of debris will move downstream to cause any threats to life and property boundary offsite. The nearest recreation site is Lake Pleasant, about forty to fifty miles from the fire area. Not enough sediments and nutrients are expected to reach there. There is no onsite structures that will be affected.

I recommend that no request for emergency rehabilitation funds be made.

C.D.WARRICK

Emergency Burnt Rehabilitation, ID Team Leader.