

BURNED AREA REPORT
(Reference FSH 2509.13, Report FS-2500-A)

PART I - TYPE OF REQUEST

1. Type of Report

- ☒ A. Funding (Request for estimated FFF funds)
☒ B. Accomplishment Report

2. Type of Action

- ☐ A. Initial (estimated funding is first requested)
☐ B. Interim
 ☐ Updating the initial funding request.
 ☐ Supplying information for accomplishments to date
 on emergency work underway.
☒ C. Final
 ☐ Best estimate for funds needed to complete eligible
 rehabilitation measure.
 ☒ Following completion of funded work.

PART II - FIRE LOCATION

1. Fire Name (from Form FS-5100-29): **Mendenhall**
2. Forest Supervisor's Fire No. (from Form FS-5100-29): **MNF 0332**
3. State: **California**
4. County: **Mendocino, Lake**
5. Region: **5**
6. Forest: **Mendocino**
7. Ranger District: **Upper Lake**
8. Date Fire Started: **August 31 1987**
9. Date Fire Controlled: **October 31, 1987**
10. Estimated Suppression Costs: \$ _____
11. Fire Suppression Damages Repaired with FFF 102 Funds:

_____ miles (firelines waterbarred)

_____ acres (firelines seeded)

_____ Other (identify)

12. Fire Intensity: 30 % (low) 30 % (medium) 40 % (high)



United States
Department of
Agriculture

Forest
Service

Mendocino N.F.

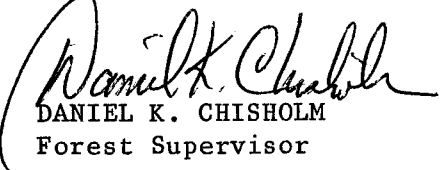
Reply To: 2520/6520

Date: May 5, 1988

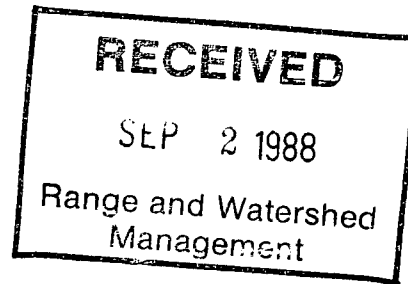
Subject: Emergency Burned Area Rehabilitation -
Final Report (2500-8)

To: Regional Forester

Enclosed are the final Burned Area Reports (FS-2500-8) for the Mendenhall, Fouts,
and Forks fires which occurred on the Mendocino National Forest during the Fall,
1987.


DANIEL K. CHISHOLM
Forest Supervisor

Enclosures



PART III - NATIONAL FOREST SYSTEM PROBLEM INVENTORY

1. Watershed No.: 18010103-01
2. NFS Acres Burned: 29,840
3. Water Repellant Soil: 50 % of NFS acres burned
4. Vegetation Types: 10% True Fir, 55% Mixed Conifer, 35% Brush
5. Geologic Types: Franciscan Formation, Schist- Sandstone
6. Soil Erosion Hazard Rating: 60% Moderate, 40% High

_____ % (low) 60 % (medium) 40 % (high)
7. Erosion Potential: 3200 cu. yds/sq. miles
8. Miles of Stream Channels by Regional Order or Classes: Class II = 25,
III = 80
9. Miles of Forest Service Trails:
10. Miles of Forest Service Roads by Maintenance Levels:

_____ miles (Level I) 25 miles (Level II)
 55 miles (Levels III, IV, V)

PART IV - CALCULATED RISK AND CLIMATIC EVALUATION

1. Estimated Vegetative Recovery Period: 10 years.
2. Chance of Success Desired by Management: 80 percent.
3. Equivalent Design Recurrence Period: 5 years.
4. Related Design Storm Duration: 24 hours.
5. Related Design Storm Magnitude: 5 inches.
6. Related Design Flow _____ cfsm. 60 in precip
7. Estimated Reduction in Infiltration: 50 percent.
8. Adjusted Related Design Flow: _____ cfsm.

PART V - SUMMARY OF SURVEY AND ANALYSIS

1. Skills Represented on Burned Area Survey Team ("x" appropriate boxes):

[X] Hydrology [X] Soils [X] Geology [X] Range
[X] Timber [X] Wildlife [X] Fire Mgmt. [X] Engineering
[] Contracting [X] Local Mgmt. [] Research [X] Other (identify)
B.L.M., CAL FISH AND GAME, S.C.S., DEPT OF WATER RESOURCES
2. Describe Emergency: POTENTIAL DAMAGE TO FISHERIES IN EEL RIVER, DOMESTIC
WATER SUPPLY LAKE PILLSBURY, ROAD AND WATERSHED DAMAGE
3. Emergency Rehabilitation Objective: REDUCE EROSIONAL IMPACTS
4. Probability of Completing Treatment Prior to First Major Damage Producing
Storm:

Land 30 % Channel 5 % Roads 100 % Other _____ %

5. Net Environmental Quality Benefit Index: 1.5

☒ Significant

☐ Not Significant

6. Net Social Well Being Benefit Index: 1.0

☒ Significant

☐ Not Significant

7. Benefit/Cost Ratio:

8. Net Benefits: \$ _____


9. Cost Effectiveness Index: ☐ I. ☐ II. ☐ III. ☐ IV.

PART VI - ELIGIBLE EMERGENCY REHABILITATION MEASURES OR TREATMENTS
AND SOURCE OF FUNDS

NOTE: Emergency rehabilitation is work done promptly following a wildfire and is not to solve watershed problems that existed prior to the wildfire.

Line Items	NFS Lands				Other Lands			All Lands Total
	Units	Unit	No. of	FFP 092	Other \$	No. of	Federal\$	
		Cost	Units	\$		Units		
					FFP 102 ident.		BLM ident.	PVT identify
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
A. LAND								
a. Seeding	Acres	35	8674	303,590		680		23,800
b. Straw Mulch	Tons	638	30	19,140				
c. Erosion Blanket	Acres	5610	4.6	25,806				
d.								
e.								
B. CHANNELS								
a. Install check dams	Dams	3709	3	11,127				
b. Stabilizing streambanks	Miles	1299	28	36,372				
c. Place log dams	Miles	387	28	10,836				
d.								
e.								
C. ROADS AND TRAILS								
a. Roads	Miles	4467	80		373,345			
b. ORV Barriers				5,000				
c.								
D. MAJOR STRUCTURES								
a. Preplanned - from Forest Plans								
E. TOTAL								
				\$411871	\$373345		\$	\$ 23,800
								\$809,016

PART VII - APPROVALS


 Forest Supervisor (Signature)

5/5/88
 Date

Regional Forester (Signature)

Date

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rehabilitation measure.
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PART II - FIRE LOCATION

1. Fire Name (from Form FS-5100-29): FOUTS
2. Forest Supervisor's Fire No. (from Form FS-5100-29): MNF 0367
3. State: CALIFORNIA
4. County: GLENN, LAKE , COLUSA
5. Region: 5
6. Forest: MENDOCINO
7. Ranger District: STONYFORD
8. Date Fire Started: SEPT 1 1987
9. Date Fire Controlled: OCTOBER 31, 1987
10. Estimated Suppression Costs: \$ _____
11. Fire Suppression Damages Repaired with FFF 102 Funds:

_____ miles (firelines waterbarred)
_____ acres (firelines seeded)
_____ Other (identify)
12. Fire Intensity: 20 % (low) 50 % (medium) 30 % (high)