

BURNED AREA REPORT

(Reference FSH 2509.13, Report FS-2500-A)

8/27/85

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)

No request.

B. ☐ Interima. ☐ Updating the initial funding requestb. ☐ Supplying information for accomplishments to date on emergency work underwayC. ☐ Finala. ☐ Best estimate for funds needed to complete eligible rehabilitation measureb. ☐ Following completion of funded work

PART II — FIRE LOCATION

1. Fire Name (From Form FS-5100-29)

Hilltop Fire

2. Forest Supervisor's Fire No. (From FS-5100-29)

Custer NF

4-28

3. State

MT.

4. County

Powder River

5. Region

01

6. Forest

Custer (08)

7. Ranger District

Ashland (04)

8. Date Fire Started

July 27 '85

9. Date Fire Controlled

July 30

10. Estimated Suppression

\$ Class 4

11. Fire Suppression Damages Repaired with EFF 102 Funds

a. 9 miles (firelines waterbarred)
+ seeded.b. 9 acres (firelines seeded)

c. Other (identify)

12. Fire Intensity

a. 70 % (low)b. 20 % (medium)c. 10 % (high)

PART III — NATIONAL FOREST SYSTEM PROBLEM INVENTORY

1. Watershed No.

10090102 12

2. NFS Acres Burned

2414

3. Water Repellant Soil

107 % of NFS acres burned

4. Vegetation Types

Ponderosa Pine + snowberry
Sagebrush + Perennial Grasslands.

5. Geologic Types

Sandstone + Clinker 3rd (Porsellite)

6. Soil Erosion Hazard Rating

a. 40 % (low)b. 40 % (medium)c. 20 % (high)

7. Erosion Potential

2000 cu. yds/sq. miles

8. Miles of Stream Channels By Regional Order or Classes

Order II stream channels - 5 miles. These are all
intermittent + dry majority of time except for springs.

9. Miles of Forest Service Trails

0

10. Miles of Forest Service Roads By Maintenance Levels

a. 0 miles (Level I)b. 0 miles (Level II)c. 0 miles (Levels III, IV, V)

This is a roadless area - classified "Riding + hiking area"

PART IV — CALCULATED RISK AND CLIMATIC EVALUATION

1. Estimated Vegetative Recovery Period (Years)

> 1 year for most areas - resprouts + perennial
grasses.

2. Chance of Success Desired By Management (Percent)

3. Equivalent Design Recurrence Period (Years)

4. Related Design Storm Duration (Hours)

5. Related Design Storm Magnitude (Inches)

6. Related Design Flow (cfs)

7. Estimated Reduction In Infiltration (Percent)

8. Adjusted Related Design Flow (cfs)

PART V – SUMMARY OF SURVEY AND ANALYSIS

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

- a. ☐ Hydrology b. ☒ Soils c. ☐ Geology d. ☐ Range e. ☐ Timber f. ☐ Wildlife
g. ☐ Fire Mgmt. h. ☐ Engineering i. ☐ Contracting j. ☐ Local Mgmt. k. ☐ Research l. ☐ Other _____
(Identify)

2. Describe Emergency

Wildfire burned for 2 days during hot weather. Then weather cooled to 50's + 51's with gentle rainfall for 4 days totaling some 1.5"

3. Emergency Rehabilitation Objective

Stabilize cat lines, perennial grasses should reseed + stabilize burned area sooner than seeded grasses.

4. Probability of Completing Treatment Prior to First Major Damage Producing Storm

- a. 90 % (land) b. 90 % (channel) c. N/A % (roads) d. _____ % (other) _____
(Identify)

5. Net Environmental Quality Benefit Index

- a. ☐ Significant b. ☒ Not Significant

6. Net Social Well Being Benefit Index

- a. ☐ Significant b. ☒ Not Significant

7. Benefit/Cost Ratio

8. Net Benefits

9. Cost Effectiveness Index

- a. ☐ I b. ☐ II c. ☐ III d. ☐ IV

PART VI – ELIGIBLE EMERGENCY REHABILITATION MEASURES OR TREATMENTS & 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	Units	Unit Cost	NFS Lands			Other Lands			All Lands
(1)	(2)	(3)	No. of Units	FFF 092 \$	Other \$ (Identify)	No. of Units	Federal \$ (Identify)	Non-Federal \$ (Identify)	Total \$
			(4)	(5)	(6)	(7)	(8)	(9)	(10)
A. LAND									
a. Seeding	Acres								
b.									
c.									
d.									
e.									
B. CHANNELS									
a. Opening water courses	Miles								
b. Stabilizing Streambanks	Miles								
c.									
d.									
e.									
C. ROADS & TRAILS									
a.									
b.									
c.									
d.									
e.									
D. MAJOR STRUCTURES									
a. Preplanned – from Forest Plans									
E. TOTAL									

PART VII – APPROVALS

1. Forest Supervisor (Signature)	2. Date	3. Regional Forester (Signature)	2. Date
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