



United States
Department of
Agriculture

Forest
Service

Nezperce NF

REPLY TO: 2520 Watershed Protection &
Management

Date: JUL 31 1985

SUBJECT: Burned Area Report for Boise Bar Fire

TO: Regional Forester

Enclosed for your records is the Burned Area Report for the Boise Bar fire. We sent a copy of this report by electronic mail on July 29 to Dick Cline who is coordinating these reports in your office.

As you can see, we don't feel an emergency exists and are not requesting any funds for emergency rehabilitation.

for 
TOM KOVALICKY
Forest Supervisor

AUG 01 1985

Enclosure

cc: G. Kellogg
M. Johnson
J. Dombrowske
R. Stowell

RANGE, SOIL, AIR WATER & ECOLOGY

Director	_____
Rge. Admin.	_____ Reg. Soil Sci. <input checked="" type="checkbox"/>
Rge. Imple.	_____ Soil Sci. <input checked="" type="checkbox"/>
Reg. Hydro.	_____ Prog. Asst. _____
Prog. Asst.	_____ Prog. D&B. _____
Work Stdy.	_____ Soil/Wir. Sup. _____
OGC Liaison	_____ Comp. Asst. _____
Clerk	_____ Reg. Ecologist _____
File	_____ Ecologist _____
	RNA Ecology _____



BURNED AREA REPORT

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

Date of Report

July 29, 1985

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. ☐ 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)
Boise Bar2. Forest Supervisor's Fire No. (From FS-5100-29)
7170233. State
Idaho4. County
Idaho5. Region
R-16. Forest
Nezperce NF7. Ranger District
Red River RD8. Date Fire Started
7/15/859. Date Fire Controlled
7/27/8510. Estimated Suppression
\$ 3,500,000

11. Fire Suppression Damages Repaired with FFF 102 Funds

a. 12 miles (firelines waterbarred)

b. 0 acres (firelines seeded)

c. Other (identify)

12. Fire Intensity

a. 55 % (low)

b. 40 % (medium)

c. 5 % (high)

PART III - NATIONAL FOREST SYSTEM PROBLEM INVENTORY

1. Watershed No.
17060207-032. NFS Acres Burned
5,469

3. Water Repellant Soil

75 % of NFS acres burned

Approximately 8% of the unburned areas have water repellant soil

4. Vegetation Types

Ponderosa pine/Idaho fescue H.T.

Douglas fir/Ninebark H.T.

Idaho fescue/Bluebunch wheatgrass

5. Geologic Types

Gneiss, Granite, Quartzite

6. Soil Erosion Hazard Rating

a. 2 % (low)

b. 82 % (medium)

c. 16 % (medium high)

7. Erosion Potential

125 cu. yds./sq. miles

8. Miles of Stream Channels By Regional Order or Class

1st order - 29.6 3rd order - 4.6

2nd order - 5.3 7th order - 1.5

9. Miles of Forest Service Trails

7.1

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)

PART IV - CALCULATED RISK AND CLIMATIC EVALUATION

1. Estimated Vegetative Recovery Period (Years)

5

2. Chance of Success Desired By Management (Percent)

90

3. Equivalent Design Recurrence Period (Years)

100 - - - - Intense Convective Storm - - - - - 1/2

0.90 Precipitation - Frequency Atlas
for Idaho

4. Related Design Storm Duration (Hours)

55

5. Related Design Flow (cfsm)

6. Adjusted Related Design Flow (cfsm)

83

7. Estimated Reduction in Infiltration (Percent)
50 (initial only)

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

No emergency exists: we feel that management objectives as stated in number 3 will be met through natural processes.

3. Emergency Rehabilitation Objectives

1. Maintain the stability and integrity of Jersey Cr., Teepee Cr., No Man Cr., Boise Cr., & Salmon River
2. Maintain water quality for fisheries and other beneficial uses in the creeks mentioned in

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

- a. 80 % (land) b. NA % (channel) c. NA % (roads) d. NA % (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 (1)	Units (2)	Unit Cost (3)	NFS Lands			Other Lands			All Lands Total \$ (10)
			No. of Units (4)	FFF 092 \$ (5)	Other \$ (Identify) (6)	No. of Units (7)	Federal \$ (Identify) (8)	Non-Federal \$ (Identify) (9)	
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