

BURNED AREA REPORT

DATE: AUGUST 13, 1985

PART I - TYPE OF REQUEST

1. (List as appropriate) A. Funding Request B. Accomplishment report
2. A. Initial B. Interim C. Final

PART II - FIRE LOCATION

1. Fire name:PRINTZ RIDGE
2. Supervisors Fire Number:57
3. State:MONTANA
4. County:RAVALLI
5. Region:1
6. Forest:BITTERROOT
7. Ranger District:STEVENSVILLE
8. Date Started:JULY 8, 1985
9. Date Controlled:AUGUST 11, 1985
10. Estimated suppression costs:\$250000
11. Fire suppression damage repaired with FFF 102 funds:
a. . 3 . miles of firelines waterbarred
b. . . . acres of firelines seeded
c. . . . other (identify)
12. Fire intensity 45 % low 30 % medium 25 % high

PART III - NATIONAL FOREST SYSTEM PROBLEM INVENTORY

1. Watershed Number:1701020506F
2. NFS acres burned: 1800
3. Water repellent soil 25 % NFS acres burned
4. Vegetation types: AF/MEFE, DF/VAGL-XETE, SCREE
5. Geologic types:GRANITE
6. Soil erosion hazard rating: 70 % low 20 % medium 10 % high
7. Erosion potential: 500 cu.yd./sq.mi.
8. Miles stream channel by regional order or class: 5TH-2.5 MILES, 1ST-2.0 MI
9. Miles FS trails:2.5
10. Miles FS roads by maintenance level:
a. (level I) b. (level II) c. (level III, IV, V)

PART IV - CALCULATED RISK AND CLIMATIC EVALUATION

1. Est. veg. recovery period: 10-50 years
2. Chance of success desired by management: 90 %
3. Equivalent design recurrence: 100 years
4. Related design storm duration: 1/2 hours
5. Related design storm magnitude: 1 inches
5. Related design flow: 90 cfsm
7. Estimated reduction in infiltration: 5 %
8. Adjusted related design flow: 95 cfsm

PART V SUMMARY OF SURVEY AND ANALYSIS

1. Skills represented on burned area survey team (list as appropriate):
BOB HAMMER-HYDROLOGIST, NORM DAVIS-SOILS, DICK BABCOCK-SILVICULTURE, MICK
DEZELL-FIRE
2. Describe emergency: SMALL AREAS OF HOT BURN ADJACENT TO 5TH ORDER FISHERIES
STREAM.
3. Emergency rehabilitation objective: NO REHABILITATION NECESSARY.
4. Probability of completing treatment prior to first major damage producing
storm:
Land % Channel % Roads % Other %
5. Net Environmental-quality benefit index:
6. Net Social-well-being benefit:
7. Benefit/cost ratio:
8. Net benefits: \$
9. Cost effectiveness index (choose one): a. I b. II c. III d. IV

PART IV

ELIGIBLE EMERGENCY REHABILITATION MEASURES OR TREATMENTS AND SOURCE OF FUNDS

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

	<u>NFS LANDS</u>				<u>OTHER LAND</u>				total \$
	Units	Unit cost	units #	FFF 092 \$	other \$	units #	federal \$	non-fed \$	
A. LAND	.	.	.	.	.	.	.	.	.
SEEDING	Acres	.	.	.	.	.	.	.	.

B. CHANNELS	.	.	.	.	.	.	.	.	.
opening	.	.	.	.	.	.	.	.	.
water	.	.	.	.	.	.	.	.	.
courses	Miles	.	.	.	.	.	.	.	.

stabilizing	.	.	.	.	.	.	.	.	.
streambanks	Miles	.	.	.	.	.	.	.	.

C. ROADS & TRAILS	Miles	.	.	.	.	.	.	.	.

MAJOR STRUCTURES	Each	.	.	.	.	.	.	.	.

E TOTAL	.	.	.	.	.	.	.	.	.

PART VII - APPROVALS

Forest Supervisor approval and date: /s/

Regional Forester approval and date: /s/