USDA Forest Service

BURNED AREA REPORT

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

Date of Report: 6/18/84

PART I – TYPE OF REQUEST

1. Type of Report

A. [X] Funding (Request for estimated FFF funds) . . [ ] Accomplishment Report

2. Type of Action

A. [ ] Initial (estimated funding is first requested)

B. [ ] Interim

a. [ ] Updating the initial funding request

b. [ ] Supplying information for accomplishments to date on emergency work underway

C. [X] Final

a. [X] Best estimate for funds needed to complete eligible rehabilitation measure

b. [ ] Following completion of funded work

402307

PART II – FIRE LOCATION

1. Fire Name (From Form FS-5100-29)	2. Forest Supervisor's Fire No. (From FS-5100-29)	3. State	4. County
Sanderson	312-156	AZ	Coconino

5. Region	6. Forest	7. Ranger District	8. Date Fire Started	9. Date Fire Controlled	10. Estimated Suppression
03	Kaibab	Chalender	6/14/84	6/17/84	$550,000.00

11. Fire Suppression Damages Repaired with FFF 102 Funds

a. 7 miles (firelines waterbarred) b. 10 acres (firelines seeded) c. Other (identify) ____

12. Fire Intensity

a. 5 % (low) b. 65 % (medium) c. 30 % (high)

PART III – NATIONAL FOREST SYSTEM PROBLEM INVENTORY

1. Watersned No.	2. NFS Acres Burned	3. Water Repellant Soil
096	1,142	50 % of NFS acres burned

4. Vegetation Types

Mixed Conifer:10%
Ponderosa Pine:85%
Arizona Fescur/Mountain Muhley:5%

5. Geologic Types

Extensive igneous which include basalt and cinde predominently with inclusions of andesite and mixed alluvium.

6. Soil Erosion Hazard Rating

a. 56 % (low) b. 12 % (medium) c. 32 % (high)

7. Erosion Potential: 73967 cu. yds/sq. miles

8. Miles of Stream Channels By Regional Order or Classes

1=1.5 miles

9. Miles of Forest Service Trails: —

10. Miles of Forest Service Roads By Maintenance Levels

a. 0 miles (Level I) b. 7.5 miles (Level II) c. 3.25 miles (Levels III, IV, V)

PART IV – CALCULATED RISK AND CLIMATIC EVALUATION

1. Estimated Vegetative Recovery Period (Years)	2. Chance of Success Desired By Management (Percent)
With Revegetation (2 years)	80%
3. Equivalent Design Recurrence Period (Years)	**4. Related Design Storm Duration (Hours)**
	2 yrs, 30 min.
5. Related Design Storm Magnitude (Inches)	**6. Related Design Flow (cfsm)**
7. Estimated Reduction in Infiltration (Percent)	**8. Adjusted Related Design Flow (cfsm)**

Previous edition of this form is obsolete.

FS-2500-8 (11/82)

(OVER)

PART V – SUMMARY OF SURVEY AND ANALYSIS

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

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

4. Describe Emergency: High erosion hazards calculated for steep sideslopes within burn will cause significant loss of soil productivity on those areas as well as increased sediment loading with ephemeral drainage systems. Hydrophobic conditions were inventoried on 50 percent of the burned area which will lend to higher erosion rates of relatively gentle slopes (0 to 5%)

5. Emergency Rehabilitation Objective: Stabilize soil with vegetation. Protect on site productivity, using proven grass and legume species. Seeding on entire area appears to be more economical than trying to avoid private and level land. Some benefits will occur on level also.

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

a. 95 % (land) b. _____ % (channel) c. _____ % (roads) d. _____ % (other) _____ (identify)

7. Net Environmental Quality Benefit Index: a. [xx] Significant b. [ ] Not Significant

8. Net Social Well Being Benefit Index: a. [ ] Significant b. [xx] Not Significant

9. Benefit/Cost Ratio	10. Net Benefits	11. Cost Effectiveness Index
2.2	11,727	a. [ ] I b. [xx] 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
			No. of Units	FFF 092 $	Other $ (identify)	No. of Units	Federal $ (identify)	Non-Federal $ (identify)	Total $
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
a. Seeding	Acres	8.60	1142	9,821	--	102	0	0	9,821
b.									
c.									
d.									
e.									
a. Opening water courses	Miles								
b. Stabilizing Streambanks	Miles								
c.									
d.									
e.									
a.									
b.									
c.									
d.									
e.									
D. MAJOR STRUCTURES									
a. Preplanned – from Forest Plans									
E. TOTAL									9,821

PART VII – APPROVALS

1. Forest Supervisor (Signature)	2. Date	3. Regional Forester (Signature)	2. Date
W. C. Harting	6/19/84		

GPO 893-636

385 Acres Total

400 acres

12 lbs/Acre

1 lb Yellow Sweet Clover

11 lbs Mix of Orchard grass, Smooth Brome & Intermediate wheatgrass

steep

85-7 Acres

3 lb/Acre

2 lbs Yellow Sweet clover

1 lb mix of 3 grass species listed above

valley more like 10 lbs/ac