

Specific instructions for use of this form are attached. Overall instructions are in FSM 2523 and FSH 2509.13, Burned-Area Emergency Rehabilitation Handbook.

1. Fire name Marble-Cone		2. Request <input type="checkbox"/> Initial <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Final <u>Accomplishment report</u> <input checked="" type="checkbox"/> FFF <input type="checkbox"/> Other		3. Date of report April 16, 1979	
4. State Calif.	5. County Monterey	6. Congressional District 16	7. Region 5	8. Forest Los Padres	9. Ranger District Monterey
10. Supervisor fire no. 560		11. Date fire started 8/1/77	12. Date controlled 8/22/77	13. Estimated suppression cost \$17,000,000	
14. Fire suppression damages repaired with FFF 102 funds 179 mi. firelines waterbarred 791 acres firelines seeded					
15. Fuel type fire intensity 15% light 30 % moderate 55 % extreme					

## NATIONAL FOREST SYSTEM PROBLEM INVENTORY

16. Watershed no. Pacific Coast Dr.		17. NFS acres burned <del>177,866</del> 167,994		18. Water repellant soil 15 % of NFS area burned	
19. Vegetation types 16% grass & woodland/grass, 55% chaparral, 26% hard-wood, 2% redwood, 1% conifer					
20. Geologic types Metasedimentary & sedimentary (minor)					
21. Soil erosion hazard rating L M H		22. Erosion potential 6200 cu. yds./sq. mi.		23. Storm peak potential 160 cu. ft./sec./sq. mi.	
24. Miles of stream channels by Regional order or classes I 16, II 37, III 128, IV 609 Total = 790 miles					
25. Miles of Forest Service roads by maintenance levels 0 mi. level I 23mi. level II 37 mi. levels III, IV, V					

## CLIMATIC DATA

26. Annual precipitation 35 inches		27. Design storm rainfall during 24 hour period 3.4 inches 2 yr. frequency 5.1 inches 10 yr. frequency	
28. Annual runoff 13.2 inches		29. Maximum 30 minute intensity storm .6 inches 2 yr. frequency 1.0 inches 10 yr. frequency	

## SUMMARY OF SURVEY AND ANALYSIS

30. Skills represented on burned area survey team (check) <input checked="" type="checkbox"/> Hydrology <input checked="" type="checkbox"/> Soils <input checked="" type="checkbox"/> Geology <input checked="" type="checkbox"/> Range <input type="checkbox"/> Timber <input checked="" type="checkbox"/> Wildlife <input type="checkbox"/> Fire Management <input checked="" type="checkbox"/> Engineering <input type="checkbox"/> Contracting <input checked="" type="checkbox"/> Local Management <input type="checkbox"/> Research	
31. Describe emergency Damaging peak flows; siltation of fisheries; sedimentation of municipal water supply reservoirs; floatable debris damage to houses, bridges, vineyards, & other facilities; heavy debris deposition in high value agriculture lands, etc.	
32. Emergency rehabilitation objective Reduce peak flows, debris damage, siltation, & sedimentation.	
33. Personnel needs for rehabilitation project on NFS lands est. 5.6 man-years reassigned for \$234,000. Est. 1.1 man-years new hires for \$15,000	
34. Probability of completing treatment prior to first major damage-producing storm Land 100 % Channel 100 % Roads NA % Other %	
35. Net environmental quality benefit index <input checked="" type="checkbox"/> Significant <input type="checkbox"/> Not Significant	36. Net social wellbeing benefit index <input checked="" type="checkbox"/> Significant <input type="checkbox"/> Not Significant
37. Benefit/cost ratio 1.33	38. Cost effectiveness index (check one) <input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> IV
39. Forest Supervisor approval & date <i>Alley</i> 7/23/79	Regional Forester approval & date Date funding approved in WO

2500-8

Revised 4/77

R# 4-17-79

USDA - Forest Service  
Fire Name Marble-Cone

## BURNED AREA REPORT

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Date of Report 2/17/78

ON-SITE AND OFF-SITE DEVELOPMENTS SUBJECT TO HAZARDS FROM FLOODS, FLOATING DEBRIS, EROSION, OR SEDIMENT BECAUSE A WATERSHED IS IMPAIRED BY WILDFIRE. (Do not include value of resources damaged or destroyed by the fire as reported on Form 5100-29.)

	No. of units	Estimated value (dollars)
40. Community and urban development	people 2,620	22,017,000
41. Municipal water supply	people served 100,260	2,000,000
42. Transportation systems	miles 288	7,860,000
43. Water distribution systems (irrigation)	miles 50	included in #44
44. Agricultural development (crops, facilities)	acres 3,262	26,066,000
45. Industrial development (dams, power, manufacturing)	number 4	11,900,000
46. Power and communication lines	miles -	-
47. Recreation development	PAOT 2,850	2,230,000
48. Fish habitat improvements	miles 180	151,000
49. Other (specify)		60,000
*TOTAL HAZARD POTENTIAL		72,284,000

\*\* SUMMARY OF EMERGENCY REHABILITATION NEEDS BY LAND OWNERSHIP W/in NF Bdry.

Land ownership	50. Acres burned M	51. Emergency rehab needs				Source of emergency rehabilitation funds for needed work (dollars) M \$					
		Land acres	Channel miles	Road miles	XXXXX Re-port	52 FFF	53 216	54 FR&T	55 Other Fed. (Name)	56 Non-Fed. (Name)	57 Total M \$
FEDERAL NFS	167,994	146.2	112		1	374.3 252.4 20.0		(Channel work) (Seeding) (Report)			652.7
Other (name) Army & BLM	848	.8							BLM 1.4		1.4
Subtotal		(147.0)				(652.7)			(1.4)		(654.1)
NON-FEDERAL State and county	565	.6					.6			(CDF)	1.1
Private	8,459	8.4	4 <sup>1</sup>			11 13.0	7.4			(CDF)	27.9
Indian											
Subtotal		(9.0)				(13.0)	(8.0)			(8.0)	(29.0)
TOTAL	177,846	156.0	116	0	1	665.7			1.4		683.1

1/Channel work within N.F. Boundary

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\*Does not enter into the B/C - merely an indication of values threatened.

\*\* All entries in summary table have been updated

USDA-Forest Service

## BURNED AREA REPORT\*

Date of Report 2/17/78

Fire Name Marble-Cone

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.)

	Units	Unit cost \$	NFS Lands		Other dollars (Name)	No. of units other	Other Lands 1/		Total dollars all lands
			No. of units NFS	FFF 094 dollars			Federal dollars (Name)	Non-Fed. dollars (Name)	
58. <u>LAND</u>									
Seeding (Aerial)	M Acres			M\$			M\$	M\$	M\$
NFS Lands	156.0	1.77	146.2	258.4			(BLM)		258.4
BLM Lands						.8	1.4		1.4
State & Private						9.0	(216) 8.0	(CDF) 8.0	16.0
Subtotal	(156.0)	(1.77)	(146.2)	(258.4)		(9.8)	(9.4)	(8.0)	(275.8)
59. <u>CHANNELS</u>									
Opening water courses	116 Miles	3376.2	112	374.3		4	21 13.0		387.3
Stabilizing streambanks	Miles								
Rehab. Report Costs	ea		1	20.0					20.0
60. <u>ROADS</u>									
Ditch cleaning	0 Miles								0
61. <u>MAJOR STRUCTURES</u>									
Preplanned structures from Unit Plans	0 Each								0
* Entire exhibit has been updated				TOTAL	652.7		22.4	8.0	683.1

Completed

10-26-77

10-31-77

8-16-77

1/Within NF Boundary  
 2/FFF 094 For channel work on 4 miles of private  
 land within NF Boundary  
 3/100% FFF 094