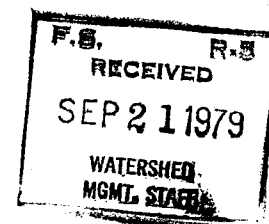


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## BURNED AREA EMERGENCY REHABILITATION HANDBOOK

Exhibit 1

USDA Forest Service		BURNED AREA REPORT		Page 1	
Detailed instructions for use of this form are in the Burned-Area Emergency Rehabilitation Handbook (FSH 2509.13), Section 41.					
1. Fire name PASEO		2. <input type="checkbox"/> Request <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Interim <input type="checkbox"/> Final <input type="checkbox"/> Accomplishment report <input type="checkbox"/> FFF <input type="checkbox"/> Other		3. Date of report Sept. 19, 1979	
4. State Calif.	5. County Riverside	6. Congressional 36 & 39	7. Region 5	8. Forest Cleveland	9. Ranger District Trabuco
10. Supervisor fire no. 106		11. Date fire started Sept. 15, 1979		12. Date controlled Sept. 18, 1979	
13. Estimated sum-- \$325,000					
14. Fire suppression damages repaired with FFF funds 7 miles fireline waterbarred 1/4 mile Drift fence repaired					
15. Fire intensity 20% low 40% medium 40% high					
NATIONAL FOREST SYSTEM PROBLEM INVENTORY					
16. Watershed no. 201 & 215		17. NFS acres burned 1600		18. Water repellant soil 40% of NFS area burned	
19. Vegetation types Chaparral: Chamise, Scrub oak, Coast Sagebrush California buckwheat, Black Sage					
20. Geologic types Upper Cretaceous Marine and Jurassic-Triassic Meta Volcanic					
21. Soil erosion hazard rating 100% high		22. Erosion potential 150,000 Cu Yds/sq mi.		23. Flood peak potential 190 Cu Ft/sec/sq mi.	
24. Miles of stream channel by Regional order or classes 5 mile class 4					
25. Miles of Forest Service roads and trails by maintenance levels mi. level I rds. mi. level II rds. 3 mi. levels III, IV, V rds. mi. trails					
CLIMATIC DATA					
26. Annual precipitation 18 - 25 inches		27. Design storm rainfall during 24 hour period 3.5 inches 2 yr. frequency 6.5 inches 10 yr. frequency			
28. Annual runoff 2 - 3.5 inches		29. Maximum 30 minute intensity storm .1 inches 2 yr. frequency .9 inches 10 yr. frequency			
SUMMARY OF SURVEY AND ANALYSIS					
30. Skills represented on burned area survey team (check) <input checked="" type="checkbox"/> Hydrology <input type="checkbox"/> Soils <input type="checkbox"/> Geology <input checked="" type="checkbox"/> Range <input type="checkbox"/> Timber <input checked="" type="checkbox"/> Wildlife <input type="checkbox"/> Fire Management <input type="checkbox"/> Engineering <input type="checkbox"/> Contracting <input checked="" type="checkbox"/> Local Management <input type="checkbox"/> Research <input type="checkbox"/> Other					
31. Describe emergency: Erosion and potential facility damage due to floods are high. Two factors contributing to this: (1) proximity to population center (Corona Calif.) 2. Watershed characteristics of steep slopes and high erosion hazard.					
32. Emergency rehabilitation objective: Reduce downstream flooding, siltation and property loss and maintain watershed values on slope.					
33. Personnel needs for rehabilitation project on NFS lands 0					
34. Probability of completing treatment prior to first major damage-producing storm Land 75% Channel Roads Other %					
35. Net environmental quality benefit index <input type="checkbox"/> Significant <input checked="" type="checkbox"/> Not Significant			36. Net social wellbeing benefit index <input type="checkbox"/> Significant <input checked="" type="checkbox"/> Not Significant		
37. Benefit/cost ratio Not Applicable			38. Cost effectiveness index (check one) <input type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III <input checked="" type="checkbox"/> IV		
39. Forest Supervisor approval & date <i>Russell Acting</i>			Regional Forester approval & date <i>9/20/79</i> Date funding approved in WO		

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## BURNED- AREA EMERGENCY REHABILITATION HANDBOOK

Exhibit 1 - continuedUSDA - Forest Service  
Fire Name Granite

## BURNED AREA REPORT

Date of Report 06/30/78 <sup>Page 2</sup>

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 20	355,000
41. Municipal and domestic water supply	people served 0	0
42. Transportation systems	miles 3	30,000
43. Water distribution systems (irrigation)	miles 0	0
44. Agricultural development (crops, facilities)	acres 450	6,000
45. Industrial development (dams, power, manufacturing)	number 0	0
46. Power and communication lines	miles 0	0
47. Recreation development 15' units x 5 people	PAOT 0	0
48. Fish habitat improvements Class I stream at \$1,500 per mile.	miles 0	0
49. Other (specify) Camp with trailers	0	0
		* 361,000

TOTAL HAZARD POTENTIAL (Indicates values threatened by design storm. Does not enter into the R/C.)

NARRATIVE (Optional. May be left out or expanded on additional sheets as needed.)

\* Although these facilities could be subject to hazards it is not anticipated they will sustain any damage.

## BURNED-AREA EMERGENCY REHABILITATION HANDBOOK

Exhibit 1 - continued

USDA-Forest Service		Page 3									
Fire Name Granite		BURNED AREA REPORT									
		Date of Report 06/30/78									
SUMMARY OF EMERGENCY REHABILITATION NEEDS BY LAND OWNERSHIP											
Land ownership	50. Acres burned	51. Emergency rehabilitation needs				Source of emergency rehabilitation funds for needed work (dollars)					
		Land (acres)	Channel (miles)	Road and Trail (miles)	Other	52. Water- shed 091	53. FFF 102	54. FR&T 216	55. Other Federal (name)	56. Non- Federal (name)	57. Total
FEDERAL NFS	1600	200				1200					1200
Other (name)											
Subtotal Federal	1600	200				1200					1200
NON-FEDERAL State & county											
Indian reservation											
Private	2130	2130							12,800 CDF	12,800	12,800
Subtotal Non-Federal	2130	2130									
TOTAL	3730	2330				1200				120,000	14,000

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## BURNED-AREA EMERGENCY REHABILITATION HANDBOOK

Exhibit 1 - continuedUSDA-Forest Service  
Fire Name Granite

## BURNED AREA REPORT

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## 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 Lands			Total dollars all lands
			No. of units NFS	FFF 094 dollars	Other dollars (Name) watershed	No. of units other (Name)	Federal dollars (Name) CDF	
58. <u>LAND</u>								
Seeding	Acres	6	200		1,200	2130	12,800	14,000
Temporary Fencing	Mi.							
59. <u>CHANNELS</u>								
Opening water courses	Miles							
Stabilizing streambanks	Miles							
60. <u>ROADS &amp; TRAILS</u>								
FR&T Repair	Miles							
Trash Racks	Ea.							
Trails	Miles							
61. <u>MAJOR STRUCTURES</u>								
Preplanned — from Forest Plans	Each							
TOTAL				1200			12,800	14,000

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## BURNED-AREA EMERGENCY REHABILITATION HANDBOOK

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## EXAMINING IMPACTS OF MANAGEMENT ALTERNATIVES FOR AN EMERGENCY PROGRAM

62. EXPECTED DAMAGE REDUCTION BENEFIT SUMMARY  
at current Water Resources Council interest rate of 6 5/8 percent

Economic benefit indices	Units of measure	Damage expected				Expected \$ damage reduction
		Without treatment		With treatment		
		No. of units	Present value \$	No. of units	Present value \$	
WATERSHED IMPACTS						
SEDIMENTS						
Downstream water storage						
Sediment removal	cu. yds.					
Fish habitat						
Water quality						
FLOOD WATER						
Land						
Improvements						
Subtotal watershed						
RESOURCE RELATED IMPACTS		NOT APPLICABLE: NO REQUEST FOR EMERGENCY FUNDS.				
Range						
Wildlife and recreation						
Timber						
Subtotal resource related						
OTHER IMPACTS						
Subtotal other						
Total dollars						

## BURNED-AREA EMERGENCY REHABILITATION HANDBOOK

Exhibit 1 - continued

USDA-Forest Service

BURNED AREA REPORT

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## EXAMINING IMPACTS OF MANAGEMENT ALTERNATIVES FOR AN EMERGENCY PROGRAM

63.

## ENVIRONMENTAL QUALITY BENEFIT INDEX

ENVIRONMENTAL CRITERIA	Weight Factor	Without treatment		With treatment		Difference	
		Actual	Weighted	Actual	Weighted	Actual	Weighted
Erosion and sediment	4	1	4	1.5	6	0.5	2
Aesthetic land quality	4	1	4	1.5	6	0.5	2
Water quality	2	1	2	1.5	3	0.5	1
Site productivity	2	0	0	0	0	0	0
Wildlife habitat	2	0	0	0	0	0	0
Fish habitat	NA	-	-	-	-	-	-
Other	-	-	-	-	-	-	0
TOTAL	14		10		15		5
Average weighted index			.7		1.1		0.36
Net environmental quality benefit index							0.36

64.

## SOCIAL WELL-BEING BENEFIT INDEX

SOCIAL CRITERIA	Weight Factor	Without treatment		With treatment		Difference	
		Actual	Weighted	Actual	Weighted	Actual	Weighted
Life, health, safety	4	0	0	0	0	0	0
Employment	0	0	0	0	0	0	0
Recreational opportunity	0	0	0	0	0	0	0
Economic stability	0	0	0	0	0	0	0
Income distribution	0	0	0	0	0	0	0
Preserve special sites	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	4		0		0		0
Average weighted index			0		0		0
Net social well-being benefit index							0

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