USDA Forest Service

## BURNED AREA REPORT

Page 1

Rehabilitation Handbook (FSH 2509.13) Section (4)	2000
Rehabilitation Handbook (FSH 2509.13), Section 41.	gency
Request Minitial Interim Final 3.	Date of report
4. State 15 Course of Uther 6	129101
10. Supervisor 11. Date fire started 12. Date controlled 13. Estimate 12. Date controlled 13. Estimate 14. Date fire no.043 62581	Ranger District
10. Supervisor 11. Date fire started 13. No.	HADAY NTS
fire no.043 62581 G2681 cost	mated suppression
14. Fire suppression damages repaired with Tropics	\$ 60,000,00
o mi. firelines waterharred	AND THE RESERVE THE PROPERTY OF THE PROPERTY O
15. Fire intensity \\ \( \text{\chi} \) acres firelines seeded	
\0 % low 60 % medium 30 % high	
16. Watershed no. 17. NES acres burned 18 Watershed no. 17. NES acres burned 18 Watershed NATIONAL FOREST SYSTEM PROBLEM INVENTORY	
Oau 10. water repellant soi	1
19. Vegetation types 10 % of NFS area b	purned
Pinyon Pine statul Trainer Bis Com	
20. Geologic types	. 2-Big Snyebrush
CAINAN LIVACETORE	0 1
21. Soll erosion hazard rating   22 Francis	
	eak potential
order or classes	ft./sec./sa. mi.
25. Miles of Forest Service roads and trails by maintenance levels	
O mi. level I rds. O mi. level II rds. O mi. levels III. IV, V rd	s. Omi. trails
CT TYATTO DATE	
26. Annual precipitation   27. Design storm rainfall during ( )	
26. Annual precipitation   27. Design storm rainfall during 6 hour	period
28. Annual runoff  29. Maximum 30 minute intensity storm	) vr. frequency
\.oo inches \.oo inches 2 yr. frequency \.oo inches 10	6
	VI. Lraduency
30. Skills represented SUMMARY OF SURVEY AND ANALYSIS	
30. Skills represented on burned area survey team (check)	
Engineering Contract Geology KRange Timber KWildlife KR	Fire Management
31. Describe emergency The improvity of this fire occurred on steer sensitive soils, on site soil loss and sedimentation will be many, quick establishment of protective lighted on will be	Other
I SENSITIVE SOILS ON STEEN	p And
high, quick establishment of protective vegetation will be	Extremely
32. Emergency rehabilization objective: Prevent unreceptable soil be sedimentation	
SCATINGENT MATION	ss and
33. Personnel paeds for ministra	
33. Personnel needs for rehabilitation project on NFS lands  NA man-years reassigned for S  man-years new birds for	
34. Probability of completing treasures man-years new hires fo	rs
34. Probability of completing treatment prior to first major damage-pro-	ducing storm
35. Net environmental quality benefit index 36 Van	
Significant Not Significant Significant Significant	enefit inden
Net benefits 138 Cost affaction	t Significant
L.15/1	ex (caser eae) [
39, Forest Supervisor approval & date Regional Forester approval & date	Dago funda-
W/ thinds of chale	approved in NO
0/29/8/	

Fire Name Range Time BURNED AREA REPORT	Date of Report	Gladal Page 2
ON-SITE AND OFF-SITE DEVELOPMENTS SUBJECT TO HAZARDS FROEROSION, OR SEDIMENT BECAUSE A WATERSHED IS IMPAIRED BY value of resources damaged or destroyed by the fire as r	M FLOODS, FLOA WILDFIRE. (Do	TING DEBRIS,
	No. of units	Estimated value (dollars)
40. Community and urban development	people	
41. Municipal and domestic water supply	people served	
42. Transportation systems	miles	
43. Water distribution systems (irrigation)	miles	
44. Agricultural development (crops, facilities)	acres	
45. Industrial development (dams, power, manufacturing)	number	
46. Power and communication lines	miles	
47. Recreation development	PAOT	
48. Fish habitat	miles	
49. Other (specify)	Stock Ponds 2	\$10,000.00
TOTAL HAZARD POTENTIAL (Indicates values threatened b	y design he B/C.)	#10,000.00

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

Fire Name

**BURNED AREA REPORT** 

Date of Report 6/29/81

# SUMMARY OF EMERGENCY REHABILITATION NEEDS BY LAND OWNERSHIP

	7	T	7	7	T	7	T			
TOTAL	Subtotal Non-Federal	Private	Indian reservation	NON-FEDERAL State & county	Subtotal Federal	Other (name)	FEDERAL NFS		Land ownership	
							358	burned	Acres	50.
							250	Land (acres)		51. Eme
								Channel (miles)		ergency reh
					·			and Trail (miles)	Road	Emergency rehabilitation needs
								Other		Lation
4225æ					4225.00		422500	094	52. FI	Source of emen
						·		102	FFF	of emerg
								216	53.	ency reh
								FR&T	54.	abilitat (dollars
								Other Federal (name)	55.	ion fund
								Non- Federal (name)	56.	s for ne
4225.CE				15000	43554		4225 C	Total	57.	rgency rehabilitation funds for needed work (dollars)
	Pag			<u>-</u>	<u> </u>					

USDA-Forest Service

BURNED AREA REPORT

emanusemanusemanusemanusemanusemanusemanusemanusemanusemanusemanusemanusemanusemanusemanusemanusemanusemanusem 1

Page 4

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.)

1s not to s	POTAG M	atersn	ed brop	lems tha	existe	d prior	to the v	wildfire.	)
	1	NFS Lands Other Lands						Total	
· ·	1_	Unit		FFF 094				Non-Fed.	dollars
58. LAND	Units	cost	units	dollars			dollars	dollars	all
30. <u>LAND</u>	<b> </b>		NFS		(Name)	other	(Name)	(Name)	lands
Seeding	Acres	16.90	250	4225cc				·	42250
								·	
50 CHANNER C									
59. CHANNELS Opening water courses	Miles								
Stabilizing	miles								
streambanks	Miles			·					
			·	,					
60. ROADS & TRAILS									
	,	ļ	•						
61. MAJOR									
STRUCTURES			1						1
Preplanned from Forest Plans	Each								
		TOTA	T	42250					422500

USDA-Forest Service

### BURNED AREA REPORT

Page 5

Fire Name RANGER Fine

Date of Report 6 29181

### EXAMINING IMPACTS OF MANAGEMENT ALTERNATIVES FOR AN EMERGENCY PROGRAM

62. EXPECTED DAMAGE REDUCTION BENEFIT SUMMARY at current Water Resources Council interest rate of 7.125 percent

	Damage expected						
Economic benefit indices	Units of	Without t	reatment	· With tre	Expected		
Total Control Indices	measure	No. of	Present	No. of	Present	\$ damage	
	Leasure	units	value \$	units	value \$	reduction	
WATERSHED IMPACTS SEDIMENTS Downstream water storage			·				
Sediment removal							
Fish habitat							
Water quality							
Loss of On-	yd <sup>3</sup>	17,400 403	44,2350	) 13,8cn	35,541.00	# <sub>8694.00</sub>	
Improvements	ļ					1	
Subtotal watershed					,	\$18694.00	
RESOURCE RELATED IMPACTS Range	pounds of Forage prod.loss	925,000	M83.00	425,000		404.00	
Wildlife and recreation			·	·		·	
Timber							
Subtotal resource related						<b>9</b> 404.00	
OTHER IMPACTS							
Subtotal other							
Total dollars					#	9098.00	

Fire Name RANGER FIRE

Date of Report 6 29/8

men president proprietation (a) (experis beinger operation proprietation of the order of the experience of the contraction of t

# EXAMINING IMPACTS OF MANAGEMENT ALTERNATIVES FOR AN EMERGENCY PROGRAM

63. (Table 4) ENVIRONMENTAL QUALITY BENEFIT INDEX									
ENVIRONMENTAL CRITERIA							Difference		
	Factor	Actual	Weighted	Actual	Weighted	Actual	Weighted		
Erosion and sediment	10	2	20		10		10		
Aesthetic land quality	5	0	0	0	0	ð	0		
Water quality									
Site productivity	10	2	20		10		10		
Wildlife habitat	5	1	5	0	_0		ľ)		
Fish habitat									
Other									
TOTAL	27		45	* * * * * * * * * * * * * * * * * * *	20		25		
Average weighted index			1.67		.74		.92		
Net environmental quality benefit index							5		

64. (Table 5)	SOC		-BEING BEN		EX			
SOCIAL CRITERIA	Weight	Without	treatment	With t	reatment	Difference		
OTTEN ORTICAL	Factor	Actual	Weighted	Actual Weighted		Actual	Weighted	
Life, health, safety								
Employment							-	
Recreational opportunity								
Economic stability								
Income distribution					1			
Preserve special sites								
Other								
TOTAL								
Average weighted index								
Net social well-being benefit index							NS	