

Detailed instructions for use of this form are in the Burned-Area Emergency Rehabilitation Handbook (FSH 2509.13), Section 41.

| | | |
|---|--|---|
| 1. Fire name NACIMIENTO | 2. <input type="checkbox"/> Request <input type="checkbox"/> Initial <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Final <input checked="" type="checkbox"/> Accomplishment report <input type="checkbox"/> FFF <input type="checkbox"/> Other | 3. Date of report 4-4-80 |
| 4. State CALIF. | 5. County MONTEREY | 6. Congressional District 17 |
| | 7. Region 05 | 8. Forest LOS PADRES |
| | | 9. Ranger District MONTEREY |
| 10. Supervisor fire no. 50 | 11. Date fire started 9/1/79 | 12. Date controlled 9/5/79 |
| | | 13. Estimated suppression cost \$ 1,350,000. |
| 14. Fire suppression damages repaired with FFF 102 funds 4.7 mi. firelines waterbarred 46 acres firelines seeded | | |
| 15. Fire intensity 5 % low 25 % medium 70 % high | | |

NATIONAL FOREST SYSTEM PROBLEM INVENTORY

| | | |
|--|---|--|
| 16. Watershed no. NACIMIENTO 18-08 | 17. NFS acres burned 1015 | 18. Water repellant soil 50 % of NFS area burned |
| 19. Vegetation types | | |
| 20. Geologic types | | |
| 21. Soil erosion hazard rating % low % med. % high | 22. Erosion potential cu. yds./sq. mi. | 23. Flood peak potential cu. ft./sec./sq. mi. |
| 24. Miles of stream channels by Regional order or classes | | |
| 25. Miles of Forest Service roads and trails by maintenance levels mi. level I rds. mi. level II rds. mi. levels III, IV, V rds. mi. trails | | |

CLIMATIC DATA

| | |
|------------------------------------|--|
| 26. Annual precipitation inches | 27. Design storm rainfall during _____ hour period inches 2 yr. frequency inches 10 yr. frequency |
| 28. Annual runoff inches | 29. Maximum 30 minute intensity storm inches 2 yr. frequency inches 10 yr. frequency |

SUMMARY OF SURVEY AND ANALYSIS

| | | |
|---|--|---|
| 30. Skills represented on burned area survey team (check) <input type="checkbox"/> Hydrology <input type="checkbox"/> Soils <input type="checkbox"/> Geology <input type="checkbox"/> Range <input type="checkbox"/> Timber <input type="checkbox"/> Wildlife <input type="checkbox"/> Fire Management <input type="checkbox"/> Engineering <input type="checkbox"/> Contracting <input type="checkbox"/> Local Management <input type="checkbox"/> Research <input type="checkbox"/> Other | | |
| 31. Describe emergency MAIN ACCESS ROAD TO COASTAL PORTION OF DISTRICT COULD BE CLOSED BY FLOODING AND DEBRIS. PUT-AND-TAKE FISHERY COULD BE TEMPORARILY IMPACTED BY DEBRIS. | | |
| 32. Emergency rehabilitation objective REDUCE PEAK FLOWS, DEBRIS, AND SEDIMENT PRODUCTION AND FORT HUNTER HIGGETT | | |
| 33. Personnel needs for rehabilitation project on NFS lands 0.1 man-years reassigned for \$ 3000 man-years new hires for \$ _____ | | |
| 34. Probability of completing treatment prior to first major damage-producing storm Land % Channel % Roads % Other % | | |
| 35. Net environmental quality benefit index <input type="checkbox"/> Significant <input type="checkbox"/> Not Significant | | 36. Net social wellbeing benefit index <input type="checkbox"/> Significant <input type="checkbox"/> Not Significant |
| 37. Benefit/cost ratio Net benefits | | 38. Cost effectiveness index (check one) <input type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> IV |
| 39. Forest Supervisor approval & date Frederick G. deHoll 4/4/80 | | Regional Forester approval & date Date funding approved in WO |

Date of Report 4-4-80

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

Comp. 7
11/15
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T 2500-8 (7/78)

CHANNEL CLEARING WAS DONE WITH VOLUNTARY WORKERS
EXCEPT FOR MILAGE.

SEE ALSO REF FIVE REPORT FOR LOS PADRES N.F.

Fire Name

NACIMIENTO

Date of Report

9/6/79

EXAMINING IMPACTS OF MANAGEMENT ALTERNATIVES FOR AN EMERGENCY PROGRAM

62.

EXPECTED DAMAGE REDUCTION BENEFIT SUMMARY

at current Water Resources Council interest rate of ____ 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 ^{LL} | CU. YARDS | 34,000 | 152,000 | 28,000 | 126,000 | 26,000 |
| Fish habitat | | | | | | |
| Water quality | | | | | | |
| FLOOD WATER Land | | | | | | |
| Improvements | | | | | | |
| Subtotal watershed | | | 152,000 | | 126,000 | 26,000 |
| RESOURCE RELATED IMPACTS Range | | | | | | |
| Wildlife and recreation | | | | | | |
| Timber | | | | | | |
| Subtotal resource related | | | | | | |
| OTHER IMPACTS | | | | | | |
| | | | | | | |
| Subtotal other | | | | | | |
| Total dollars | | | 152,000 | | 126,000 | 26,000 |

LL INCLUDES REPLACING CULVERTS AND REPAIRING ROAD DAMAGE ALONG NACIMIENTO-FERGUSON ROAD, A COUNTY HIGHWAY AND USPS TRANSPORTATION SYSTEM ROAD. TREATMENT INCLUDES SEEDING AND MINOR CHANNEL CLEARING.

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$$BC = \$26,000 \div \$10.880 = 2.4$$

BURNED AREA REPORT

Fire Name NACIMIENTODate of Report 9/6/79

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 WATER BAR AND SEED CAT LINES | 52. FFF | | | 53. 216 | 54. FR&T | 55. Other Federal (name) FHL* | 56. Non- Federal (name) | 57. Total | |
| | | | | | | 094 | 102 | | | | | | | |
| FEDERAL NFS | 1015 | 110 SEEDING | 2.0 | 12 | 46 ACRES (4.7 MILES) | 550 1900 | 11 12 | 5000 | 13 | | | | | 6,550 |
| Other (name) FHL** | 4356 | 1866 | | 14 | 41 ACRES (6.5 MILES) | 9330 | 14 | | | | 5000 | | | 14,330 |
| Subtotal Federal | 5371 | 1976 | 2.0 | | 87 ACRES (11.2 MILES) | 10,880 | | 5,000 | | | 5,000 | | | 20,880 |
| NON-FEDERAL State & county | 0 | | | | | | | | | | | | | |
| Indian reservation | 0 | | | | | | | | | | | | | |
| Private | 0 | | | | | | | | | | | | | |
| Subtotal Non-Federal | 0 | | | | | | | | | | | | | |
| TOTAL | 5371 | 1976 | 2.0 | | 97 ACRES (11.2 MILES) | 10,880 | | 5,000 | | | 5,000 | | | 20,880 |

1. NUMBERED FOOTNOTES REFER TO CORRESPONDING DOLLARS IN COLUMNS 52-56

* FHL = FORT HUNTER LIGGETT

** FHL LAND IS MOSTLY CHAPARRAL AND THIS IS HIGH TO CHAMISE

*** 10 ACRES IN OLD CAT LINE WHICH DRAINS ONTO NACIMIENTO ROAD

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