

MANAGEMENT AREA 1 (553,053 acres) - GENERAL FOREST

- 1. Description Management Area 1 consists primarily of forested lands. Most timber productivity classes are represented as are a variety of commercially valuable softwood tree species (ponderosa pine, white fir, Douglas-fir, western larch, white pine, lodgepole pine, Engelmann spruce, and subalpine fir). A variety of physical and biological environments occur as determined by soil, slope, aspect, elevation (approximately 4,300 to 7,000 feet) and climatic factors.
- 2. Goals Emphasize timber production on a sustained yield basis while providing for other resources and values. Develop equal distribution of age classes to optimize sustained timber production. Manage at levels and intensities consistent with the schedules described in this Plan to provide for other multiple uses and resources.

3. Standards

RESOURCE ELEMENT STANDARDS

The Forest-wide management direction included in Chapter IV, Section E, of this Plan applies to this management area except where superseded by the following standards:

- Recreation** 1. Manage dispersed recreation for roaded modified conditions.
- Visuals** 2. Manage for maximum modification visual quality objective.
- Fish and Wildlife** 3. Design timber sales and cultural practices through an interdisciplinary process to meet objectives for management indicator and featured species where possible. Address appropriate mitigation measures through project level environmental analysis.
- Range** 4. Manage allotments to utilize available forage while maintaining vegetation (including trees) and site productivity.
5. Create and utilize transitory forage resulting from timber harvest if restocking of cutover areas within planned regeneration period is assured.
6. Design structures which facilitate livestock distribution to protect tree regeneration.
7. Plan and implement range forage seedings that are not detrimental to tree restocking of harvested areas within planned regeneration periods.
- Timber** 8. Schedule timber harvest on portions of the management area classified as "suitable" for timber management.
9. Emphasize even-aged silvicultural systems.

10. Based on site-specific prescriptions, uneven-aged silvicultural systems will be applied to 5 to 15% of this management area.
11. While basing harvest entries on individual stand conditions and meeting all resource objectives, uneven-aged management may be applied to the following types of lands: (a) dispersed recreation sites or hunter camps; (b) areas with high scenic value; (c) areas adjacent to seeps, springs, wallows and bogs; (d) opportunity areas for mule deer habitat enhancement; (e) low site timber lands; (f) climax ponderosa pine and Douglas-fir sites with 50% or more ponderosa pine in the understory; and (g) slopes less than 35% , favoring slopes less than 20%.
12. When applying uneven-aged management, manage for the following target tree numbers and sizes:
 - (a) Twenty four inch uneven-aged management ponderosa pine and mixed conifer stands - Maintain at least 2 trees per acre that are 24 inches in diameter and 5 replacement trees that are 18 to 24 inches in diameter.
 - (b) Twenty inch uneven-aged management ponderosa pine and mixed conifer stands - Maintain at least 2 trees per acre that are 20 inches in diameter and 5 replacement trees that are 16 to 20 inches in diameter.
 - (c) Low site lands (all species) - Maintain at least 1 tree per acre 18 inches in diameter.
 - (d) Manage the stand, including understory, to maintain target tree standards through time and to meet regional direction for uneven-aged management (see glossary, uneven-aged management).
13. When applying uneven-aged management created openings are to be a maximum of two acres in size. Exceptions will be based on site-specific prescriptions which are responsive to integrated land management objectives.

Protection

Insects and Disease

14. Continually monitor pest populations and implement activities to prevent population buildups to epidemic levels. Aggressively suppress insects and diseases when outbreaks threaten timber management objectives.

MANAGEMENT AREA 1

4. Schedule of Management Practices

MANAGEMENT AREA 1 - SCHEDULE OF MANAGEMENT PRACTICES

| Management Practice | Activity Code | Total Planned for Decade (1990-1999) |
|---|---------------|--------------------------------------|
| RECREATION | | |
| Trail Construction/Reconstruction ^{1/} | AT22 | 383.4 Miles |
| Trailhead Construction/Reconst. ^{1/} | AT22 | 22 Sites |
| Cultural Resource Survey ^{2/} | AC111 | 1000 M Ac |
| Cultural Resource Overview ^{2/} | AC111-1 | 1 |
| Cultural Resource Evaluation ^{2/} | AC112-1 | 2,670 Sites ^{3/} |
| Cultural Resource Monitoring ^{2/} | AC121 | 1,980 Sites ^{3/} |
| Cultural Resource Mitigation ^{2/} | AC123 | 2,932 Sites |
| FISH AND WILDLIFE | | |
| Wildlife Habitat Improvements ^{2/} | CW221 | 3,000 Structures |
| TIMBER | | |
| Timber Harvest | | |
| Clearcut | ET12 | 276.1 MMBF/24,667 Ac |
| Shelterwood - Seed Tree Cut | ET12 | 211.9 MMBF/32,341 Ac |
| Shelterwood - Removal Cut | ET12 | 9.8 MMBF/3,570 Ac |
| Selection | ET12 | 176.9 MMBF/37,801 Ac |
| Overstory Removal on Existing Stands | ET12 | 521.0 MMBF/42,649 Ac |
| Commercial Thin | ET12 | 228.9 MMBF/50,346 Ac |
| Salvage/Other Products | ET12 | 68.7 MMBF/Ac N/A |
| Total Timber Harvest | ET12 | 1,483.5 MMBF/187,804 Ac |
| Reforestation | | |
| Planting | ET24 | 41,811 Ac |
| Natural | ET24 | 50,317 Ac |
| Timber Stand Improvement | | |
| Precommercial Thinning | ET25 | 75,412 Ac |
| RANGE | | |
| Structural Range Improvement ^{3/} | DN221 | 2,530 Structures/900 Miles |
| Non-Structural Range Improvement ^{3/} | DN222 | 46,500 Ac |
| Range Structural Maintenance ^{3/} | DN23 | 200 Miles |
| SOIL AND WATER | | |
| Watershed Improvements ^{3/} | FW22 | 1,000 Ac |
| FACILITIES^{4/} | | |
| Road Construction/Reconstruction | LT22 | 213 Miles |
| Timber Purchaser Road Construction | LT214-12 | 536 Miles |
| Timber Purchaser Road Reconstruction | LT23 | 1,129 Miles |

^{1/}These activities will also occur in Management Areas 3A, 3B, 8, 13, 14, 20B and 21.

^{2/}These activities will also occur in Management Areas 3A, 3B, 4A, and 14. They are listed here because it is expected that most of the activity will occur within this management area.

^{3/}These activities will also occur in Management Areas 2, 3, 4A, and 14. They are listed here because it is expected that most of the activity will occur within this management area.

^{4/}These figures are the totals of Management Areas 1, 3A, 3B, 14, 20A, and 20B. Roads for Management Area 4A are shown in the Management Area 4A section of this chapter.