

Chapter 4

TABLE OF CONTENTS

CHAPTER 4. FOREST MANAGEMENT DIRECTION.....	1
Introduction.....	1
FOREST MANAGEMENT GOALS.....	1
DESIRED FUTURE CONDITION OF THE FOREST	4
DESIRED FUTURE CONDITION IN 10 YEARS	4
RECREATION.....	5
CULTURAL RESOURCES	6
WILDERNESS	6
WILDLIFE.....	7
BIG GAME	7
THREATENED, ENDANGERED, AND SENSITIVE SPECIES.....	7
RESEARCH NATURAL AREAS	8
RIPARIAN/FISH.....	8
RANGE	8
TIMBER	9
WATER/SOIL.....	10
MINERALS AND ENERGY.....	10
LANDS.....	11
Land Exchange	11
Utility Corridors Special Uses.....	11
Encroachment and Title Claims	11
TRANSPORTATION	11
PROTECTION.....	12
PACIFIC NORTHWEST STRATEGY	12
DESIRED FUTURE CONDITION IN 50 YEARS	12
FOREST MANAGEMENT OBJECTIVES.....	16
RESOURCE SUMMARIES	20
RECREATION	20
RECREATION SITES	20
DISPERSED AREAS	21
Roaded Opportunities	22
Off-Highway Vehicle Use	22
Trails	22

Operations.....	23
Wild and Scenic Rivers	23
Special Areas	24
Visual Resource	24
CULTURAL RESOURCES	25
WILDERNESS	26
WILDLIFE	27
Nongame Wildlife Species Habitat	27
Big Game Wildlife Species Habitat	29
THREATENED/ ENDANGERED/ SENSITIVE PLANT AND ANIMAL SPECIES	29
RESEARCH NATURAL AREAS	31
RIPARIAN/FISH.....	32
RANGE	33
Forage.....	33
Noxious Weeds and Poisonous Plants	34
TIMBER	35
Forest Land Classification.....	35
Present and Future Forest Conditions	38
Timber Productivity	39
Timber Sale Activities.....	39
Allowable Sale Quantity	40
WATER/SOIL.....	42
WATER.....	42
SOIL.....	43
MINERALS	44
LANDS.....	45
TRANSPORTATION.....	45
Roads.....	45
Trails	46
AIR QUALITY	46
FIRE MANAGEMENT	47
FOREST-WIDE STANDARDS AND GUIDELINES.....	48
RECREATION	48
Visual Resource Management	51
Off-highway Vehicle Use.....	51

CULTURAL RESOURCES	53
WILDLIFE HABITAT	55
RIPARIAN/FISH HABITAT	58
RANGE	61
ECOSYSTEMS & DIVERSITY	64
TIMBER	65
WATER.....	75
SOIL.....	78
MINERALS AND ENERGY.....	80
LAND ADJUSTMENTS.....	82
LAND USES	84
TRANSPORTATION SYSTEM.....	86
FACILITIES.....	87
FIRE AND FUELS	89
AIR QUALITY	90
PEST MANAGEMENT.....	92
THREATENED, ENDANGERED, AND SENSITIVE SPECIES	92
COMMUNITY DEVELOPMENT AND HUMAN RESOURCES	95
GENERAL PROCEDURES	96
MANAGEMENT AREAS	97
A1 NONMOTORIZED DISPERSED RECREATION	98
A2 OHV RECREATION.....	101
A3 VIEWSHED 1	104
A4 VIEWSHED 2	110
A5 ROADED NATURAL	115
A6 DEVELOPED RECREATION.....	121
A7 WILD AND SCENIC RIVERS.....	125
A8 SCENIC AREA.....	132
A9 SPECIAL INTEREST AREA.....	135
A10 WENAH-TUCANNON SPECIAL MANAGEMENT AREA	139
B1 WILDERNESS.....	143
C1 DEDICATED OLD GROWTH.....	149
C2 MANAGED OLD GROWTH	153
C3 BIG GAME WINTER RANGE	157
C3A SENSITIVE BIG GAME WINTER RANGE	162

C4 WILDLIFE HABITAT	166
C5 RIPARIAN (FISH AND WILDLIFE)	171
C7 SPECIAL FISH MANAGEMENT AREA	175
C8 GRASS-TREE MOSAIC (GTM)	179
D2 RESEARCH NATURAL AREA.....	183
E 1 TIMBER AND FORAGE	186
E2 TIMBER AND BIG GAME	190
F2 MILL CREEK MUNICIPAL WATERSHED - UNDEVELOPED	195
F3 HIGH RIDGE EVALUATION AREA.....	198
F4 WALLA WALLA RIVER WATERSHED	200

LIST OF TABLES

TABLE 4-1. PROJECTED RESOURCE OUTPUTS AND EFFECTS EXPRESSED AS AN AVERAGE ANNUAL YIELD/DECADE	16
TABLE 4-2. MANAGEMENT AREA - SEMI-PRIMITIVE RECREATION EMPHASIS	21
TABLE 4-3. MANAGEMENT AREAS - SEMI-PRIMITIVE RECREATION OPPORTUNITIES...22	
TABLE 4-4. WILD AND SCENIC RIVERS - MILES	23
TABLE 4-5. VIEWSHED MANAGEMENT*	24
TABLE 4-6. LIVESTOCK GRAZING IN WILDERNESS	27
TABLE 4-7. SUMMARY OF MIXED CONIFER/PONDEROSA PINE OLD GROWTH	28
TABLE 4-8. SUMMARY OF LODGEPOLE PINE OLD GROWTH.....	28
TABLE 4-9. SENSITIVE PLANT SPECIES DOCUMENTED ON THE FOREST.....	30
TABLE 4-10. THREATENED, ENDANGERED AND SENSITIVE WILDLIFE SPECIES	30
TABLE 4-11. PROPOSED BOTANICAL AREAS	31
TABLE 4-12. EXISTING AND RECOMMENDED RESEARCH NATURAL AREAS	32
TABLE 4-13. PROBLEM PLANTS ON THE UMATILLA NATIONAL FOREST	34
TABLE 4-14. FOREST LAND CLASSIFICATION SUMMARY	35
TABLE 4-15. MANAGEMENT AREAS SUITABLE LANDS	37
TABLE 4-16. PRESENT AND FUTURE FOREST CONDITIONS	38
TABLE 4-17. TIMBER PRODUCTIVITY CLASSIFICATION.....	39
TABLE 4-18. ALLOWABLE SALE QUANTITY AND TIMBER SALE PROGRAM QUANTITY ¹ .40	
TABLE 4-19. TEN-YEAR TIMBER SALE ACTION PLAN SUMMARIES—TOTAL FOREST	41
TABLE 4-20. PROJECTED ANNUAL TIMBER MANAGEMENT ACTIVITIES	42
TABLE 4-21. EFFECTS OF MANAGEMENT AREA DIRECTION ON MINERAL ACCESS BY MINERAL POTENTIAL.....	45

TABLE 4-22. MILES OF CONSTRUCTION BY DISTRICT PER DECADE	46
TABLE 4-23. MANAGEMENT AREAS	97
TABLE 4-24. EVEN-AGED MANAGEMENT VISUAL RESOURCE STANDARDS	107
TABLE 4-25. UNEVEN-AGED MANAGEMENT VISUAL RESOURCE STANDARDS	107
TABLE 4-26. EVEN-AGED MANAGEMENT VISUAL RESOURCE STANDARDS	113
TABLE 4-27. UNEVEN-AGED MANAGEMENT VISUAL RESOURCE STANDARDS	113
TABLE 4-28. EVEN-AGED MANAGEMENT VISUAL RESOURCE STANDARDS	118
TABLE 4-29. UNEVEN-AGED MANAGEMENT VISUAL RESOURCE STANDARDS	118
TABLE 4-30. EVEN-AGED MANAGEMENT VISUAL RESOURCE STANDARDS	129
TABLE 4-31. UNEVEN-AGED MANAGEMENT VISUAL RESOURCE STANDARDS	130

LIST OF FIGURES

FIGURE 4-1. BASE SALES SCHEDULE	39
---------------------------------------	----