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MANAGEMENT PRESCRIPTIONS	The mission, goals and objectives for the Gila National Forest are attained through applying groups of management activities to specific units of land. Groups of management activities are called “Prescriptions” and the land units are called “Management Areas”. This portion of the proposed Forest Plan describes the linkage between prescriptions and the management areas. Management prescriptions are combinations of management practices, activities, standards, and guidelines designed to achieve specific multiple-use goals and objectives. Management prescriptions include all the necessary mitigation and resource coordination measures required by law, regulations, and policies. Different management prescriptions were developed to emphasize individual resource potentials, continue current management, manage at a reduced intensity, and address public issues and management concerns. The FORPLAN model assigned the prescriptions to specific analysis areas while maximizing present net value within the limits of the constraints used to meet the goals and objectives of the alternative. Thus, the most cost-efficient prescriptions that meet the objectives are chosen. All prescriptions developed for the proposed Forest Plan integrate a number resource and support element activities and will produce a variety of outputs when applied to a management area. Each prescription is broken into the categories listed below.
Management Area Description	For each management area, a brief description of the physical, biological, and administrative characteristics is provided.
Analysis Area	Analysis areas are used to predict the response of identified land areas to various management activities. Analysis areas can be defined and delineated on maps and can be identified on the ground. Data was generated for each analysis area to estimate the capacity of providing goods, services, or resource uses for each prescription. Analysis areas were delineated on continuous land areas.
Management Emphasis	A management emphasis is a statement regarding the resource emphasis for the prescription.
Activities	A list of resource management activities applicable to management practices is provided. These activities are grouped by resource based on support elements and are identified by alpha/numeric code such as A01 or D03. Each activity has a unique code, title, and unit of measure for the work performed. An index of codes is provided in the Management Information Handbook FSH 1309.11a and in the Forest Plan Appendix A.
Applicable Areas	Areas where each activity is applied. For areas within a single prescription, some activities may be suitable for application on certain areas whereas other activities are suited to a different set of areas within the management area.

Appendix C, Implementation Schedules

Table 3. Proposed Plan Outputs – Period 1

Average Annual Output	Unit of Measure	
Allowable Sale Quantity	MCF	8326.5
Net Sawtimber (sales)	MBF	30000
Net Products	MBF	548
Timber Stand Improvement	Acres	1585
Reforestation 1/	Acres	3172
Fuelwood	MBF	11687.3
Recreation		
Developed	MRVDs	300
Dispersed	MRVDs	350
Wildlife	MRVDs	317
Wilderness	MRVDs	100
Grazing Capacity	MAUMs	329984
Permitted Livestock Use	MAUMs	347266
Water Yield	Acre-Feet	335749
Trail Construction/ Reconstruction	Miles	115
Wildlife Habitat	MAcre	13646
Improvement	Structures	2698.5
Minerals	Operating-Plans	100
Fuel Treatment	Acre	6282
Improved Watershed Condition	MAcre	70

1/ Restoration includes both artificial and natural means. It is assumed that about 15 percent of the acres will be by artificial means.

Table 4. This table is a random listing of Recreation projects for Planning Period 1. Venus Project proposals developed with the assistance of Catron County residents are grouped together.

Venus Projects	Other Projects
Quemado Lake	Turkey Creek
Apache Creek C.G.	Military Road
Walnut Grove P.G.	Little Walnut Development
Glenwood C.G.	Gila Eastern Gateway Center
Pinelawn C.G.	Gila Corridor
Visitor Center	Inner Loop Scenic Byway
Aspen Mountain Loop Scenic Byway	Middle Percha Disposed Site
Mineral Creek Interpretation	Ft. Bayard Interpretive/Health Trail
San Francisco Box Access (upper)*	Mimbres Lake Feasibility
Catron County Lake Feasibility	Mimbres Lake Complex
Catron County Area Lake Complex	Trailheads:
Glenwood Lake Feasibility	Redstone
Trailheads:	Trail 700
Wolf Hollow	Sapillo Creek
Pueblo Park	East Fork
Delouche Canyon	Alum
Willow Creek	Cooney
Loco Mountain	Rocky
Aspen Mountain Loop (8)	Black Canyon
	Meason Park
	Diamond Creek
	Meown

Table 5. Rehabilitation Schedule – Period 1

Site
Gila Corridor Plan
Willow Cr. Complex
Little Walnut Group
Little Walnut (Other)
Whitewater Picnic
Lake Roberts Picnic
Upper End
Iron Creek C.G.
Mesa
Pueblo Park
Cherry Creek C.G.
Ben Lilly Memorial
McMillan C.G.
Rocky Canyon C.G.
Catwalk
Powerhouse Trailhead

Table 6. Facilities Construction and Reconstruction Schedule – Period 1

Name
Quemado Office
Reserve Office Rehabilitation
Negrito Work Center Phase II
A. Crew Quarters, Trailer Park
B. Warehouse, etc.
Gila Center Well
Reserve Water/Sewer
Glenwood Warehouse Phase I
Grant County Airport-Aerial Firebase Interior Road Surfacing
Mimbres Warehouse Expansion
Glenwood Warehouse Phase II
Rehabilitation of Lookout

Table 7. V.I.S. (Visitor Information Services) – Rehabilitation Schedule – Period 1

Ranger Stations
Wilderness V.I.S. Center
Mimbres R.D. Office
Silver City R.D. Office
Black Range R.D. Office
Reserve R.D. Office

Table 8. Trail Construction and Reconstruction Schedule – Period 1

Trail No.	Name	Miles
212	South Fork	6.2
155	Turkey Creek	5.3
153	Mogollon	8.7
158	Sycamore	11.6
207	Whitewater	12.0
201	Mineral Creek	11.5
74	Continental Divide	23.0
177	Cienega	6.4
268	Hells Hole	1.5
231	Sheep Corral	1.0
301	Kemp	2.7
247	Spring Canyon	3.0
189	Pitt Ranch	3.0
43	WS Mountain	10.0
175	Clayton	4.9
117	Animas Divide	1.5
307	Herman	2.5

Table 9. Land Line Location Program – Period 1

Forest Priority	Project Name	Sections	Twns – Rng	Miles
1	O Bar O Camp	Sec. 2 & 3	T9S, R15W	2
2	Davis Canyon		T14S,R17W	1.5
3	Carrizo Allotment		T18S, R9W	5
4	Spar Canyon Allotment		T15S, R16W	4
5	Fierro Forest Boundary		T17S, R12W	4
6	Dark Spring		T5S, R15W	2.5
7	Kingston Townsite Survey		T16S, R8W	3.75
8	Pleasanton, West Sides		T11 & 12S, R20W	4
9	Minnehaha Mineral Complex	Sec. 2±	T10S, R9W	2.5
10	Harris	Sec. 21,28,32,33,35	T2S, R17W	8
11	Toriette Lakes		T5S, R18W	4
12	Y Canyon	Sec. 24 & 25	T7S, R15W	3.25
13	Exterior Forest Boundary		T7S, R14W	6
14	Retrace Mineral Surveys, BRRD			5

Table 9. Land Line Location Program – Period 1 (Continued)

Forest Priority	Project Name	Sections	Twns – Rng	Miles
15	West Luna		T6S, R21W	1.5
16	XSX & Lyons		T13S, R13W	5
17	Spur Lake Ranch	Sec. 23,24,25	T5S, R20W	6.5
18	Wall Lake		T11S, R12W	6
19	Johnson Basin		T3S, R19W	4.5
20	La Jolla	Sec. 4 & 9	T8S, R15W	2.5
21	Glenwood Townsite		T11S, R20W	4
22	South Luna		T6S, R20W	6
23	External Forest Boundary SCRD			6
24	External Forest Boundary MRD			5
25	External Forest Boundary		T10S, R9W	5.5
26	Hermosa Area		T13S, R9W	23.5
27	External Forest Boundary QRD		T2S, R14W	7.5
28	Black Canyon		T13S, R13W	2
29	Range Projects RRD			4
30	External Forest Boundary LRD			4
31	San Francisco Patented Parcels		T8S, R19W	5.5
32	External Forest Boundary RRD		T9S, R14W	7.25
33	Misc. Surveyor Co-ops			
34	Wilderness Boundary			

Table 10. Right-of-Way Acquisition Schedule – Period 1

Road/Trail #	Name	Miles
FR 522	Tierra Blanca	1.0
FR 19	Bill Knight Gap	.1
FR 19	Spur Lake	.3
FR 157S	Hermosa Road	14.5
FR 3228	Wildhorse	1.5
FR231	Corduroy Canyon	10.0
FR 524, 902, 896, 758	Analysis Area 2D Access	10.0
FR 157N	North Percha	3.0
FR 40E	Kingston	2.0
FR 226	Chloride Creek	2.0
FR 142	Snow Lake	.5
FR 521	Adobe	2.8
FR 886	Royal John	8.5
FR 210	Center Fire Creek	4.7
TR 724	Turkey Creek Trail	.3
FR 28	Y Canyon T.S. (BLM & State)	4.0
TR 179	De Loche Trail	.4
FL 49	Toriette Lakes	.5
TR 708	East Fork Jeep Trail	2.0
FR 519	Frisco Hot Springs	.5
TR 247	Sapillo Creek	.4
FR 506	Bear Creek Road	1.5
TR 77	Bloodgood & Cooney	.4
FR 216 & 23	East Camp	2.0

Table 11. Road Construction and Reconstruction Schedule – Period 1		
Road No.	Name	Miles
141	Reserve-Beaverhead	18.9
3070	Long Canyon	1.0
19	Bill Knight Gap	22.9
153	Deep Creek	3.2
205	Hay Vega	10.0
913	Pole Canyon	4.5
220	Bill Lee Mesa	10.9
154	Signal Peak	7.2

The 10-year timber sale program is a plan based on current conditions and information available at the time of Forest Plan development. If these conditions change or new information becomes available, the timber sale program may be modified during the implementation of the Forest Plan. The degree of the modification will determine whether or not the Forest Plan needs amending, in accordance with the required process. Volume figures are for Sawtimber and pulpwood. In addition, incidental volume of other products (such as pulpwood) up to .5 MMBF/year may be offered.

Table 12. Ten Year Timber Sale Program – Period 1 (*R/C = Reconstruction/Construction)

YEAR	DISTRICT	SALE NAME	LTMA	ACRES LOGGED	VOL. MMBF	R/C* MILES
1987	RESERVE	COLD SPRINGS	6A40	1007	4.0	0
			6A29	1080	4.4	0
			6A32	4050	16.5	0
		SALE TOTAL		6137	24.9	0
	SILVER CITY	FARM FLAT 1	7E01	402	1.3	3
	QUEMADO	JEWELL	9A16	720	2.3	7
			9D15	1450	4.6	11
		SALE TOTAL		2170	6.9	18
1987	**TOTAL**			**8709**	**33.1**	**21**
1988	LUNA	JONES	3D23	3011	10.6	18
	RESERVE	WATER	6B15	3230	18.9	36
	SILVER CITY	FARM FLAT 2	7E01	644	1.6	3
1988	**TOTAL**			**6885**	**31.1**	**57**
1989	BLACK RANGE	UNIVERSITY	2B02	1070	4.2	14
	LUNA	BILL	3C18	590	1.5	3
			3B19	600	1.6	3
		SALE TOTAL		1190	3.1	6
		H-V	3C10	892	2.0	7
	RESERVE	SIGN CAMP SALVAGE	6C04	500	0.5	0
	SILVER CITY	JAYBIRD	7E02	408	0.7	2
	QUEMADO	BEAR	9C01	2162	4.2	14
1989	**TOTAL**			**8743**	**21.7**	**56**

Table 12. Ten Year Timber Sale Program – Period 1 (*R/C = Reconstruction/Construction) Continued

YEAR	DISTRICT	SALE NAME	LTMA	ACRES LOGGED	VOL. MMBF	R/C* MILES
1990	LUNA	MANGITAS	3D24	2711	3.0	37
		CAMP MAMIE	3D22	1969	7.0	20
		UNDERWOOD SALVAGE	3D21	2500	0.1	0
			3B20	2500	0.1	0
		SALE TOTAL		5000	0.2	0
	RESERVE	BEAVER	6B17	355	0.8	1
		SHEEP	6B21	2165	4.6	14
		DUTCHMAN	6B23	1513	5.5	13
	QUEMADO	BACA	9B09	2298	4.1	20
1990	**TOTAL**			**16011**	**25.2**	**105**
1991	BLACK RANGE	74 DRAW SALVAGE	2H07 > 2H08 > 2E06	60	0.1	0
		SALE TOTAL		60	0.1	0
	LUNA	WARD	3A03	0	0.0	0
				(1659)**	(7.9)**	(5)**
	RESERVE	EAGLE PEAK	6C07	1746	5.9	7
		LEGGETT SALVAGE	6D39	353	0.6	0
	QUEMADO	SPRING	9B14	1000	1.0	13
			9B11	922	1.0	
		SALE TOTAL		1922	2.0	13
		EL CASO	9D10	2391	3.0	8
1991	**TOTAL**			**6472**	**11.6**	**28**
1992	LUNA	ENGINEER	3B17	204	0.1	0
		SWAPP BOOTH	3B17	3988	3.2	33
	RESERVE	BURNT CABIN	6B16	2743	7.8	13
		SOUTH FORK	6B16	400	0.6	4
		LITTLE DUTCHMAN	6B23	68	0.1	0
	SILVER CITY	MASON	F702	342	0.3	4
1992	**TOTAL**			**7745**	**12.1**	**54**

** Planned volume, no action alternative selected, no volume offered

Table 12. Ten Year Timber Sale Program – Period 1 (*R/C = Reconstruction/Construction) Continued

YEAR	DISTRICT	SALE NAME	LTMA	ACRES LOGGED	VOL. MMBF	R/C* MILES
1993	BLACK RANGE	PASS/TEN COW	2B03	1000	0.8	2
			2B01	200	0.2	
		SALE TOTAL		1200	1.0	2
	LUNA	LILY	3C09	200	0.2	6
	GLENWOOD	BULL PASUTER (BS)	4A03	803	2.9	14
	RESERVE	ROCKER	6B15	2525	6.1	31
	QUEMADO	TWIN	9D10	1252	2.1	7
1993	**TOTAL**			**5980**	**12.3**	**60**
1994	LUNA	SWAPP PULP	3B17	1000	0.5	3
		MAIL	3B04	1000	2.0	17
		FREEMAN	3D13	200	0.1	7
	RESERVE	CORERN/HOAGUE	6B11	3200	8.0	22
	SILVER CITY	MILL	7F02	1000	0.5	7
	QUEMADO	BULL CAMP	9D10	2500	2.5	12
1994	**TOTAL**			**8900**	**13.6**	**68**
1995	BLACK RANGE	LOOKOUT MOUNTAIN	2E06	200	0.1	4
	LUNA	S A CREEK	3D16	1000	0.5	7
		RED BUTTE	3D25	200	0.1	5
		CANYON PASTURE PULP	3D25	1000	0.1	4
	RESERVE	O-BAR-O	6B19	2000	2.0	16
		N-BAR LAKE	6B12	2000	2.0	10
		DOUBLE BARREL	6B14	1200	1.2	11
	QUEMADO	BELL	9C02	3000	3.0	17
1995	**TOTAL**			**10600**	**9.0**	**74**

Table 12. Ten Year Timber Sale Program – Period 1 (*R/C = Reconstruction/Construction) Continued

YEAR	DISTRICT	SALE NAME	LTMA	ACRES LOGGED	VOL. MMBF	R/C* MILES
1996	BLACK RANGE	BLACK MOUNTAIN	2B05	3000	4.0	19
	LUNA	RENFRO/WILLIE STEELE	3D25	400	0.2	8
		ADAIR	3B05	200	0.1	9
			3B06	200	0.1	
		SALE TOTAL		400	0.2	9
	RESERVE	BULL	6B17	1500	1.5	9
		GOVINA	6A31	1500	1.5	16
			6A40	500	0.5	
		SALE TOTAL		2000	2.0	16
	SILVER CITY	SHEEP CORRAL PROD.	7E01	1000	0.5	6
	QUEMADO	TURKEY SPRINGS		1200	0.6	9
1996	**TOTAL**			**9500**	**9.0**	**76**

Standard Vegetation Treatment Table

Standard Vegetative Management Practices for Certain Composition, Structure, and Function Attributes (use at the site/stand level).

COMPOSITION (Forest Type*)	Aspen and Western Live Oak	Engelmann Spruce-Subalpine Fir, White Fir, Blue Spruce, Limber Pine, Rocky Mountain Juniper, Cottonwood-Willow, Interior Ponderosa Pine, Pinyon-Juniper, Arizona Cypress, and Mesquite							All Forest Types	Grass-land, Meadow, and Alpine
STRUCTURE	DESIRED ONE-AGED, SINGLE-STORIED STAND (One-age class comprises >= 90% of total stand BA for most of the rotation. Age difference between oldest and youngest tree in a class is less than 20% of the rotation)				DESIRED TWO-AGED, TWO-STORIED STAND (Two age class, each > 10% BA most of rotation)	DESIRED UNEVEN-AGED, MULTI-STORIED STAND (More than 2 age classes)			ANY DESIRED ONE-, TWO-, OR MULTI-STORIED STAND	OPEN
FUNCTION	Coppice Regeneration Method (vegetative regeneration function)	Clearcutting Regeneration Method (no trees function for seed/shelter)	See Tree Regeneration Method (some trees function for seed only)	Shelterwood Regeneration Method (some trees function for seed/shelter)	Irregular Shelterwood Regeneration Method	Single-Tree Selection Regeneration (function for continuous tree cover)	Group-Selection Regeneration Method (group size <= 2 to 4 acres)	Irregular-Group Shelterwood Regeneration Method	Intermediate Treatment Methods (tree cover between stand formation and regeneration)	No or Few Trees (Maintain open)
VEGETATIVE MANAGEMENT PRACTICE	Activity Coppice Coppice w/ Reserves	Activity <= 5% tree cover post harvest: Patch Cut Strip Cut Stand Cut 6-10% tree cover post harvest Patch cut w/ reserves Strip cut w/ reserves Stand cut w/ reserves	Activity Preparatory Seed 1-10% tree cover post harvest: Final Removal Final Removal w/ Reserves	Activity Preparatory Seed Group Seed Strip Seed Removal Group Removal Strip Removal Final Removal Final Removal w/ Reserves	Activity Preparatory Seed Removal Final Removal Final Removal w/ Reserves Coppice Regeneration Method Coppice w/ Standards (understory must regenerate vegetatively, suckers/sprouts)	Activity Single Tree/ (Individual-Tree) Selection	Activity Group-Selection Group-Selection w/ Reserves	Activity Seed Removal Final Removal Final Removal w/ Reserves	Activity Improvement Liberation Thinning Commercial & Noncommercial Mortality Salvage Sanitation Salvage Cull Salvage Prescribed Fire Cleaning Weeding	Activity Meadow Mainte-nance & creation

*Eyre, F.H. 1980. Forest cover types of the United States and Canada. Society of American Foresters, Washington, D.C. 148 p.