

APPENDIX D. PROPOSED AND PROBABLE PRACTICES, GOODS PRODUCED, AND OTHER INFORMATION

The purpose of this appendix is to display an estimate of the goods and services provided, the proposed (decade 1) and probable (decade 2) management practices expected, and other information including land classification.

The outputs and proposed and probable practices listed are projections based on available inventory data and some are based on computer modeling. **NOTE: The outputs and amounts listed below are estimates and are subject to annual budgets for funding the various resource programs on the forest. Actual amounts may vary from these and will be monitored on an annual basis.**

Land Classification

Land identified as suitable for timber management includes producing timber as part of multiple use direction. These are lands that contribute to the timber sale program on a regularly scheduled basis. Table APP-D1 shows how acres of these lands compare to the total acreage of National forest System land.

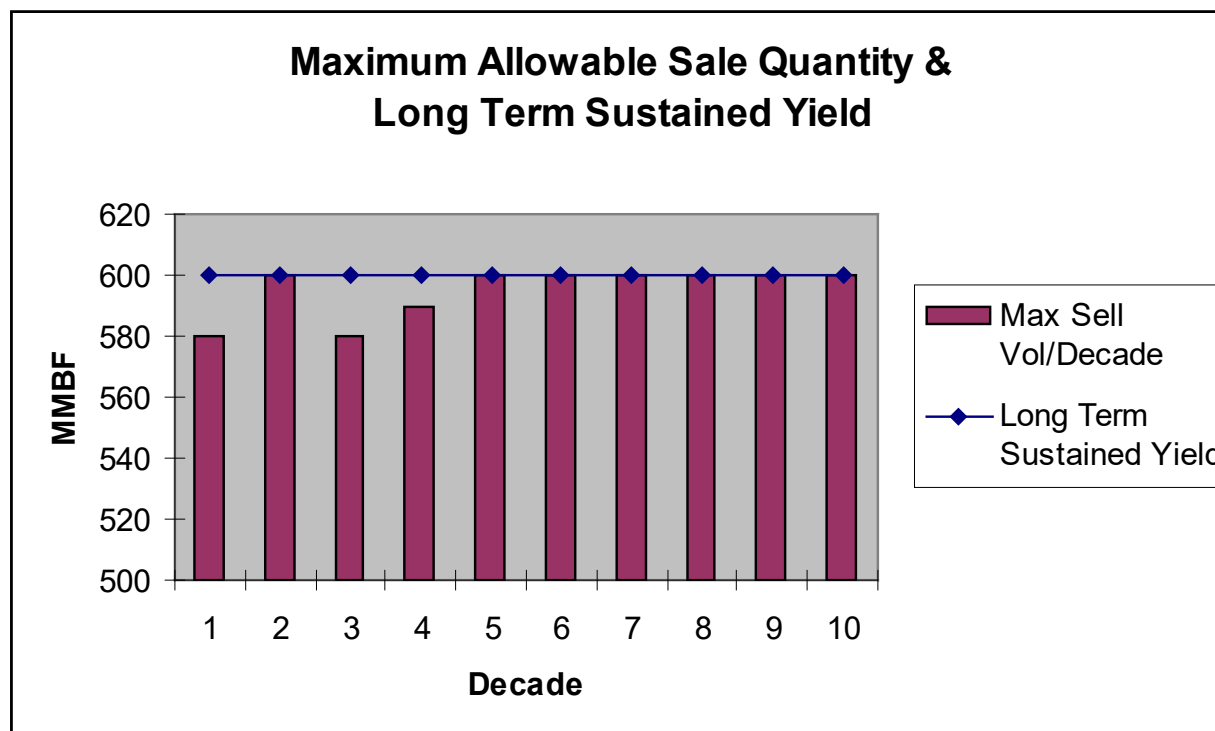
Table APP-D1: Classification of National Forest Land for Timber Production	
Classification	Acres
Total National Forest System land	666,522
Non-forest and water	76,832
Legally withdrawn (Experimental Forest, RNAs)	9,248
Land not physically suited for timber production (low site index, regeneration not assured, etc)	78,507
Land not appropriate for timber production due to other resource Management (riparian areas, campgrounds, unique areas, etc)	42,622
Land suitable for timber management	459,313

Allowable Sale Quantity (ASQ)

The allowable sale quantity of timber (ASQ) is the maximum amount of volume that may be offered and sold during a given decade of Forest Plan implementation from land identified as suitable for timber management.

During Decade 1 (the first ten years of plan implementation) the ASQ is 580 million board feet. During Decade 2, the ASQ is 600 million board feet. The amount of timber that may be sold annually may exceed 58 or 60 million board feet as long as the decadal ASQ is not exceeded.

Figure APP-D1 shows the volumes that can be harvested in each decade on a long term, sustained yield capacity. Volume between decades vary by less than three percent.

Figure APP-D1: Maximum Allowable Sale Quantity and Long-term Sustained Yield Capacity

Proposed (Decade 1) and Probable (Decade 2) Management Practices

Tables APP-D2 and APP-D3 list the proposed and probable silvicultural practices that would be used to work toward the vegetative and other multiple-use desired conditions and objectives of the Forest Plan. The table displays the amount of each harvest treatment for the first two decades of plan implementation based upon modeling. Actual treatments during plan implementation may vary from these modeled outputs. “Clearcutting” and “Partial Cut 30” treatments set the tree stand back to age zero, meeting the 0-9 year old age class objective for each landscape ecosystem. Both “Uneven-aged” treatments are intended to create and maintain an uneven-aged condition. “Uneven-aged aspen-aspen/fir” is used to regenerate aspen-dominated stands to white pine, spruce-fir, or northern hardwoods.

Table APP-D2: Estimate of Acres of timber harvest by treatment method (Forest Wide)

Treatment Method	Decade 1 (proposed)		Decade 2 (probable)	
	Acres	Percent	Acres	Percent
Thinning	6,749	9%	11,578	14%
Clearcutting	29,866	39%	30,881	38%
Shelterwood & partial cut 30	11,149	14%	11,101	14%
Uneven-aged (red pine, white, pine, spruce fir, northern hardwood, oak, black ash)	19,524	25%	22,742	28%
Uneven-aged (aspen-aspen/fir)	9,851	13%	5,920	7%
Totals	77,139	100%	82,222	100%

Table APP - D3 Proposed and Probable Harvest Treatments (in acres) by Management Area and Treatment Type in Decades 1 and 2

MA	Thin		Clearcut		Shelterwood ...		Uneven-aged RP,WP,SF,NH,Oa		Uneven-aged Aspen ,Aspen/fir		Total for Decade	
Decade	1	2	1	2	1	2	1	2	1	2	1	2
General Forest	4,141	6,384	21,043	22,816	4,136	4,638	8,071	10,668	4,849	2,378	42,240	46,884
GF Longer Rotation	2,608	5,194	8,540	7,868	4,376	3,521	8,126	9,470	2,878	2,560	26,528	28,613
Rec Use in Scenic Landscape			283	197	222	272	717	213	-	5	1,222	687
Potential Candidate WSR					214	44	17	3	10	-	241	47
SPNM Rec					584	979	1,240	1,404	1,528	318	3,352	2,701
Riparian Emphais					1,617	1,647	1,353	984	586	659	3,556	3,290
	6,749		29,866		11,149		19,524		9,851		77,139	
		11,578		30,881		11,101		22,742		5,920		82,222

Table APP-D4 lists other forest management activities that are proposed to work toward the desired conditions and objectives during the first 10 years of Plan implementation.

Table APP-D4: Proposed Practices (Forest-wide)		
Activity or Practice	Unit of Measure	Estimated Amount for the first decade
Stream Channel Reconstruction	miles	5 to 30
Sensitive Plant Habitat Restoration	projects	20
Wildlife Habitat Restoration	projects	80
New ATV trail designated (maximum amount listed)	miles	90
New Snowmobile trail designated (maximum amount listed)	miles	100
New Water Access Sites (maximum amount listed)	sites	5
Roads Constructed (only OML –1 roads being constructed)	miles	19
Roads decommissioned	miles	200

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