

Appendix M Timber Land Suitability



Appendix M



Chequamegon-Nicolet National Forests



A p p e n d i x M

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Timber Land Suitability

Table M-1 identifies the timber land suitability for the Chequamegon-Nicolet National Forests. The table lists land classifications by acres according to the individual alternative direction and the National Forest Management Act.

Lands not suited for timber production were identified as required in CFR 219.14a. The results of this analysis identified 1,222,997 acres as tentatively suited forest land. Each alternative formulated and evaluated in this Final Environmental Impact Statement identified forest land not appropriate for timber production as required by CFR 219.14c. The results of this analysis are shown for each alternative in the following table.

Table M-1. Timberland Suitability for the Chequamegon-Nicolet National Forests

Land Classification	Calculations for Land Classifications 1-7 are common to all Alternatives								
	Alt 1	Alt 2	Alt 3	Alt 4	Alt 5	Alt 6	Alt 7	Alt 9	Sel. Alt.
1 Non-Forest (includes water, roads and permanent openings)	0	203,622	203,622	203,622	203,622	203,622	203,622	203,622	203,622
2 Forest land	1,318,863	1,318,863	1,318,863	1,318,863	1,318,863	1,318,863	1,318,863	1,318,863	1,318,863
3 Lands withdrawn from timber production as designated by Congress, the Secretary of Agriculture, or the Chief of the Forest Service. Includes wilderness, Argonne Experimental Forest, Oconto River Seed Orchard, and designated Research Natural Areas (suited lands only).									
a) Wilderness (MA 5)	44,624	44,624	44,624	44,624	44,624	44,624	44,624	44,624	44,624
b) Argonne Exp Forest (MA 8A)	5,427	5,427	5,427	5,427	5,427	5,427	5,427	5,427	5,427
c) ORSO (MA 8B)	649	649	649	649	649	649	649	649	649
d) RNAs (MA 8E-only those that have been designated)	2,537	2,537	2,537	2,537	2,537	2,537	2,537	2,537	2,537
4 Forest lands not capable of producing crops of industrial wood	0	0	0	0	0	0	0	0	0
5 Forest lands physically unsuited:									
a) Irreversible damage likely to occur (LSC 720)	3,234	3,234	3,234	3,234	3,234	3,234	3,234	3,234	3,234
b) Not restockable within 5 years (LSC 710)	22,816	22,816	22,816	22,816	22,816	22,816	22,816	22,816	22,816
6 Forest lands-inadequate information	16,579	16,579	16,579	16,579	16,579	16,579	16,579	16,579	16,579
7 Tentatively suited forest lands	1,222,997	1,222,997	1,222,997	1,222,997	1,222,997	1,222,997	1,222,997	1,222,997	1,222,997
8 Forest lands not appropriate for timber management									
a) T, E & S Species Habitat (LSC 801 + estimate)	26,948	26,948	26,948	26,948	26,948	26,948	26,948	26,948	26,948
b) Project-level NEPA (LSC 809)	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931
c) Recreation areas (LSC 810)	2,798	2,798	2,798	2,798	2,798	2,798	2,798	2,798	2,798
d) Not Cost Efficient (LSC 820)	47,722	47,722	47,722	47,722	47,722	47,722	47,722	47,722	47,722
e) Excessive road costs (LSC 830)	1,367	1,367	1,367	1,367	1,367	1,367	1,367	1,367	1,367
f) Potential wilderness (MA 5B)	0	5,803	6,991	32,737	10,734	22,619	14,002	10,418	10,483
g) SPNM (MA 6A)	0	1,786	40,281	65,585	9,121	9,204	21,171	4,528	8,154
h) Openland Management (MA 8C)	6,880	9,516	9,516	9,276	9,516	9,516	9,516	9,516	9,516
i) Wild and Scenic River corridors (MA 8D)	30,427	30,427	30,427	30,427	30,427	30,427	30,427	30,427	30,427
j) Recommended RNAs (MA 8E)	440	12,090	12,090	12,090	12,090	12,090	12,090	12,090	12,090
k) Special Management Areas (MA 8F)	11,400	39,706	39,706	39,706	39,706	39,706	39,706	39,706	39,706
l) Old Growth (MA 8G)	15,932	41,367	45,757	47,324	41,367	45,757	47,324	47,324	41,367
m) Low Site Index (LSC 840)	71,397	71,397	71,397	71,397	71,397	71,397	71,397	71,397	71,397
n) Hemlock & remaining forested lowland	68,408	53,049	53,012	49,485	51,997	51,164	52,618	52,697	51,997
9 Unsuitable forest lands (items 3-6 + 8a-8n)	384,516	444,773	488,809	537,659	455,987	471,512	477,883	457,735	454,769
10 Total suitable forest land (Item 2 – 9)	934,347	874,090	830,054	781,204	862,876	847,351	840,980	861,128	864,094
11 Total National Forest Land (items 1 + 2)	1,522,485	1,522,485	1,522,485	1,522,485	1,522,485	1,522,485	1,522,485	1,522,485	1,522,485

In Alternative 1:

St. Peter's Dome Area is included in the MA 8F total.

Only 15,932 acres were designated as old growth. Allocation allowed for 67,600 acres but many acres were deferred from treatment, not designated.

In all Alternatives:

Only the acreage of MA 6A is included in item 8g. Timber management is planned in MA 6B areas. Mary Griggs Area was added to MA 8F.

