



ATLANTA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION
COMPARTMENT # 129 ENTRY YEAR: 2008

Compartment Acreage: 1615 County: Presque Isle

Revision Date: December 19, 2006

Stand Examiner: Barber

Legal Description: T33N, R04E, Sec. 10, 11, 15, 18, 20, 21, 22, 23 & 24.

RMU (if applicable):

Management Goals: Timber and wildlife management.

Soil and Topography: Soils range from muck to well drained sands. Habitat types run heavily to unclassified wetlands and PArVHa. PArVVb is occasional on shallow oak ridges. Non-wetlands are mildly rolling.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Mostly other state land and scattered hunting camps. The lakes have tight subdivisions around them. The Royston to Hawks farm belt lies one mile to the east.

Unique, Natural Features (include only non-site specific and non-sensitive information): MNFI reports listings for this compartment.

Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information): Reported.

Special Management Designations or Considerations: Access is poor on several of the scattered holdings, and even on one of the larger parcels. Wet soils, drainages and lakes further complicate matters.

Watershed and Fisheries Considerations: Sportsman's Flooding on the Ocqueoc River is a popular fishing sight, as are Lakes May, Ella and Ferdelman.

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium and coarse-textured till. The glacial drift thickness varies between 10 and 200 feet. Beneath the glacial drift is the Devonian Traverse Group. The Traverse is quarried for limestone and cement products. Gravel pits are not located in the area, but potential is good on the upland areas. This area is located south of the Niagaran reef trend and north of the Antrim Shale play. None of the State land is leased for oil and gas development and potential is limited.

Vehicle Access: Roads to be closed are shown on the compartment map as closed or abandoned.

Survey Needs: Surveying will be required for timber sale preparation.

Recreational Facilities and Opportunities: Public Access Sites are maintained at Lakes May, Ella, and Ferdelman, With a primitive site at the flooding.

Fire Protection: Adequate.

Additional Compartment Information:

- **The following 5 reports from the Operations Inventory System (OIPC) are attached:**
 - ◆ **Cover Type by Age Class**
 - ◆ **Cover Type by Management Objective**
 - ◆ **Compartment Volume Summary**
 - ◆ **Proposed Treatments – No Limiting Factors**
 - ◆ **Proposed Treatments – With Limiting Factors**

- **The following information is displayed, where pertinent, on the attached compartment maps:**
 - ◆ **Base feature information, stand numbers, cover types**

- ◆ **Proposed treatments**
- ◆ **Proposed road access system**
- ◆ **Suggested potential old growth**

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Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

PRESQUE ISLE COUNTY

COMPARTMENT: 129

Table 3

(acres shown in boxes)

STAND AGE CLASS

COVER TYPE	Not Coded	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150-159	All Aged	Total
Aspen		27	140		185	119		18	17	13									519
Bog or Marsh	15																		15
Cedar											128	196							324
Grass	4																		4
Jack Pine					7					4	14								25
Lowlnd Brush	11											11							22
Lowlnd Poplr											12								12
Marsh	27																		27
Mx Swmp Cnfr										26									26
Non Stocked	12																		12
Oak									35	183									218
Red Pine						16			9	8									33
Spruce Fir										6									6
Swamp Hrdwds			24								9								33
Treed Bog	3																		3
Upland Brush	12					16													28
Upland Hdwds			13															18	31
Water	205																		205
White Pine									72										72
Total	289	27	177		208	135		18	133	240	163	207						18	1615

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Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

PRESQUE ISLE COUNTY

COMPARTMENT: 129

Table 3A

(acres shown in boxes)

MANAGEMENT OBJECTIVE TYPE

COVER TYPE	A	S	V	C	G	H	J	I	L	P	N	Q	X	O	B	R	K	Y	F	E	T	D	U	M	Z	W	Total
A Aspen	519																										519
V Bog or Marsh			15																								15
C Cedar				324																							324
G Grass					4																						4
J Jack Pine							25																				25
L LowInd Brush									22																		22
P LowInd Poplr										12																	12
N Marsh											27																27
Q Mx Swmp Cnfr												26															26
X Non Stocked													12														12
O Oak														218													218
R Red Pine																33											33
F Spruce Fir																			6								6
E Swamp Hrdwds										9										24							33
D Treed Bog																							3				3
U Upland Brush																								28			28
M Upland Hdwds																									31	31	
Z Water																									205	205	
W White Pine																										72	72
Total	519		15	324	4		25		22	21	27	26	12	218		33			6	24		3	28	31	205	72	1615

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

PRESQUE ISLE COUNTY

COMPARTMENT: 129

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	9163 Cds	Hardwood	3305 Cds
Hardwood	460 Mbf	Hardwood	72 Mbf
Softwood	19347 Cds	Softwood	14 Cds
Softwood	176 Mbf	Softwood	27 Mbf
Sum TotVol	29782 Cds	Sum CutVol	3517 Cds
Total Cmpt Acres		Acres Proposed For Cut.....	
1615		187	

ATLANTA FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 129 **Entry Year: 2008**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
75	J7	11	91	62	jack pine	mature	final harvest	1		
comnts Fmd : Understory an F2W1J1. Shortwood with 4" product spec. Leave 1 to 2 chain buffer on wetlands to the north.										
83	O6	18	81	58	oak	mature	final harvest	1		
comnts Fmd : 5 SPOT CUT 1998, SALE 18-98 Leave red pine and white pine, if present.										
86	O6	123	82	58	oak	mature	final harvest	1		
comnts Fmd : 5 SPOT CUT 1999, SALE 18-98. Burned out white pine stumps. Mr3W1understory outside of cuttings. Oak, aspen and red maple regeneration in 5-spots has been heavily browsed. Low end of PArVHa. Leave red pine and white pine, if present.										
98	O6	9	82	58	oak	mature	final harvest	1		
comnts Fmd : 5 SPOT CUT 1999, SALE 18-98. Burned out white pine stumps. Mr3W1understory outside of cuttings. Oak, aspen and red maple regeneration in 5-spots has been heavily browsed. Low end of PArVHa. Leave red pine and white pine, if present.										
Total Acres.....		161								

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDf Status
4	E6	9	91	48	balsam poplar & swamp aspen and swamp white birch	mature	final harvest	3		
TREATMENT LIMITING FACTORS: Adjacent landowner denies access Neighbor Other Dept./Div. procedures or practices (describe in comment)										
comnts Fmd : Big, sickly looking aspen. Winter cut. To be traded to a neighbor.										
17	A6	17	61	59	aspen (upland)	mature	final harvest	1		
TREATMENT LIMITING FACTORS: Neighbor Other Dept./Div. procedures or practices (describe in comment)										
comnts Fmd : LOTS OF TREE STANDS. And blinds and possibly an illegal wildlife food plot. W2 is 20+ feet tall, with density varying throughout the stand. To be traded to a neighbor.										
Total Acres.....		26								

Compartment 129
 T33N, R04E, Sec. 10, 11 15, 18, 20-24
 County: Presque Isle
 Unit: Atlanta
 YOY: 2008
 Acres: 1,615 GIS Calculated
 Stand Examiner: Richard Barber
 Map Revised: 9/21/2006
 Map Phase: Pre-review

Field Map

Legend

- Miris Corners
- County Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- Closed Roads
- Abandoned Railroad Grade
- Stand Boundary
- Biodiversity/Old Growth Areas
- 100 - Final Harvest

