



**ATLANTA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 144 ENTRY YEAR: 2009

Compartment Acreage: 1,653 County: Presque Isle

Revision Date: October 16, 2007

Stand Examiner: Tim Paulus

Legal Description: T35N R02E Sec 10-12,14, &15

RMU (if applicable):

Management Goals:

The main goal in this compartment is to conduct multiple resource management for the good of the citizens of the State of Michigan.

Soil and Topography: The topography of the west portion of the compartment is level upland ground predominated by Red Pine and some Jack Pine. The east portion of the compartment is rolling upland ground predominated by northern hardwood, aspen, and swamp conifer.

Ownership Patterns, Development, and Land Use in and Around the Compartment:

The western part of the compartment has private land on all other sides. The eastern part of the compartment has private on the east edge but mostly state land on all other sides. The entire compartment receives a large amount of use by recreational users.

Unique, Natural Features:

Some species are present in and around the compartment.

Archeological, Historical, and Cultural Features.

None known.

Special Management Designations or Considerations:

None.

Watershed and Fisheries Considerations:

Fisheries Concerns is General:

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions:

Vehicle Access:

This compartment is accessed from County Roads: N. Allis Hwy., Roost rd., and Freier Hwy.

Survey Needs:None.

Recreational Facilities and Opportunities:

There are many opportunities for mushroom picking, hunting, and wildlife viewing in the area.

Fire Protection:

Fire response to the compartment will be covered by the Onaway DNR office as well as the Onaway Fire Department.

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: 144

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		158	125	42	50				50										425
Black Spruce										50									50
Cedar			3						2	16	77								98
Grass	77																		77
Jack Pine		18				10	23												51
LowInd Brush	53																		53
LowInd Poplr					5				117	79									201
Mx Swmp Cnfr			66						16	9	31								122
Non Stocked	16																		16
Oak										15	19								34
Red Pine		27			22	61	27		213	37									387
Swamp Hrdwds							12			14									26
Upland Brush	13																		13
Upland Hdwds																		97	97
Water	3																		3
Total	162	203	194	42	77	71	62		398	220	127							97	1653

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

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ATLANTA FOREST MGT UNIT

PRESQUE ISLE COUNTY

COMPARTMENT: 144

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	379													46													425
S Black Spruce		50																									50
C Cedar				98																							98
G Grass					77																						77
J Jack Pine							28									23											51
L LowInd Brush									53																		53
P LowInd Poplr										201																	201
Q Mx Swmp Cnfr												122															122
X Non Stocked													16														16
O Oak														34													34
R Red Pine																387											387
E Swamp Hrdwds																			26								26
U Upland Brush																								13			13
M Upland Hdwds																								97			97
Z Water																									3		3
Total	379	50		98	77		28		53	201		122	16	80	410					26				13	97	3	1653

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

PRESQUE ISLE COUNTY

COMPARTMENT: **144**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	8069 Cds	Hardwood	1343 Cds
Hardwood	269 Mbf	Softwood	2674 Cds
Softwood	13046 Cds	Softwood	378 Mbf
Softwood	1924 Mbf	Sum CutVol	4773 Cds
Sum TotVol	25501 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	283
1653			

ATLANTA FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 144 Entry Year: 2009

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDf Status
9	R6	17	45	52	red pine	immature	thinning	2		
comnts Fmd : THINNED 1990. Thin, remove every other row.										
15	P6	39	75	62	balsam poplar & swamp aspen and swamp white birch	mature	final harvest	1		
comnts Fmd : A LOT OF BLOW DOWN. CLEARCUT. WILL ACCEPT MIXED REGERATION OF ASPEN,RED MAPLE,BALSAM FIR,WHITE BIRCH. LEAVE OAK.										
17	S6	31	87	50	black spruce-swamp	immature	final harvest	1		
comnts Fmd : SOME BLOW DOWN, CLEARCUT WITH STAND# 15. WILL ACCEPT A MIX OF PINE ,ASPEN, AND SWAMP CONIFER REPRODUCTION.POCKET OF OFF SITE RED AND WHITE PINE IN CENTRAL PART OF STAND.										
25	R6	19	52	52	red pine	immature	thinning	2		
comnts Fmd : A FEW SCATTERED JACK AND WHITE PINE.REMOVE JACK PINE DURING THINNING OPERATION.										
27	R9	50	77	64	red pine	immature	shelterwood-seed	2		
comnts Fmd : HIGH WATER TABLE. SHELTERWOOD ,PATCHY RESIDUAL W/POSSIBLE SCARIFICATION- AVERAGE RESIDUAL OF 40-50, MIXED REGENERATION IS ACCEPTABLE.										
28	R9	8	74	59	red pine	immature	shelterwood-seed	2		
comnts Fmd : HIGH WATER TABLE.SHELTERWOOD, PATCHY RESIDUAL W/POSSIBLE SCARIFICATION, AVERAGE RESIDUAL OF 40-50. MIXED REGENERATION IS ACCEPTABLE.										
30	R9	8	77	60	red pine	immature	selection	2		
comnts Fmd : HIGH WATER TABLE.A LOT OF RECREATIONAL USE.										
31	R6	8	55	59	red pine	immature	final harvest	2	planting	
comnts Fmd : CLEARCUT,PLANT TO RED PINE, LEAVE NATURAL LOOKING POCKETS OF RETENTION.										
41	R9	4	45	51	red pine	immature	thinning	2		
comnts Fmd :										
53	R9	20	68	56	red pine	mature	selection	1		
comnts Fmd : LEAVE BUFFER ALONG HWY.-PORTION OF STAND .										
57	M6	32		76	northern hardwood	immature	selection	1		
comnts Fmd : THINNED 1990. NORTH ASPECT, QUALITY AND DIAMETER DECREASE AS YOU GO NORTH.SCATTERED ASH LOG.										
131	J6	23	55	59	red pine	immature	final harvest	2	planting	
comnts Fmd : CLEARCUT,PLANT TO RED PINE, LEAVE NATURAL LOOKING POCKETS OF RETENTION.										
401	G0	20		60	grass	nonstocked		0	opening maintenance	
comnts Fmd : MAINTAINED OPENING.										
404	G0	15		66	grass	nonstocked		0	opening maintenance	
comnts Fmd : NICE OPENING.										
405	G0	2		60	grass	nonstocked		0	opening maintenance	
421	G0	18		58	grass	nonstocked		0	planting	
comnts Fmd : NICE OPENING, SHOULD BE MAINTAINED. PLANT JACK PINE INFURROWS ALONG SOUTHERN BOUNDARY.										
Total Acres.....		314								

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDI Status
66	P6	24	76	57	balsam poplar & swamp aspen and swamp white birch	mature	final harvest	2		

TREATMENT LIMITING FACTORS: Adjacent landowner denies access

comnts Fmd : HIGH WATER TABLE BUT A ROCKYGRAVEL SOIL MIX-STAY OUT OF Q TYPE. WET IN SOME AREAS.

Total Acres..... 24

