



**GAYLORD FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT: 131

ENTRY YEAR: 2008
Compartment Acreage: 384
County: Emmet

Revision Date:

Stand Examiner: S. Harig

Legal Description: T37N R4W Sec. 27, 31 and 34

Management Unit Goals: To provide for the protection, integrated management and responsible use of a healthy, productive and undiminished forest resource base for the social, recreational, environmental and economic benefit of the State of Michigan.

Soil and Topography: Rubicon Association

Ownership Patterns, Development, and Land Use in and Around the Compartment: State ownership is contiguous though surrounded by residential and commercial properties. Pellston Regional Airport is directly to the west and has an aviation easement on part of the compartment.

Unique, Natural Features: None known

Archeological, Historical, and Cultural Features: None known

Special Management Designations or Considerations: Stands 400 and 401 are maintained as grass openings under an aviation easement with the Pellston airport.

Watershed and Fisheries Considerations: Van Creek, a tributary to the E Br Maple River (a designated trout stream) flows through this compartment. Prescribed management actions are appropriate for the protection of this waterbody.

Wildlife Habitat Considerations: This small compartment is influenced by the Pellston regional airport and Pellston. It is all upland and is a mix of aspen, white pine and jack pine. Much of the area has been treated within the past 20 years. It serves as a buffer to the larger block of U of M land to the east and north.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of lacustrine (lake) sand and gravel, minor coarse-textured till and peat and muck. The glacial drift thickness varies between 200 and 600 feet. The Devonian Detroit River Group subcrops below the glacial drift. The Detroit River is mined for salt other areas in the State. A gravel pit is located 1.5 miles to the north and there may be some gravel potential. The nearest oil and gas production, the Antrim Shale gas play, is located 30 miles to the south. There is no known oil and gas potential in the area.

Vehicle Access: Good access

Survey Needs: None

Recreational Facilities and Opportunities: No facilities exist.

Fire Protection:

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

GAYLORD FOREST MGT UNIT

EMMET COUNTY

COMPARTMENT: 131

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				45				41											86
Grass	41																		41
Jack Pine			29	28				16											73
Non Stocked	24																		24
Spruce Fir																		3	3
White Pine					95		10		6									46	157
Total	65		29	73	95		10	57	6									49	384

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

MACKINAW STATE FOREST

GAYLORD FOREST MGT UNIT

EMMET COUNTY

COMPARTMENT: 131

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	86																										86
G Grass					41																						41
J Jack Pine							73																				73
X Non Stocked													24														24
F Spruce Fir																				3							3
W White Pine																										157	157
Total	86				41		73						24						3							157	384

MACKINAW STATE FOREST

GAYLORD FOREST MGT UNIT

EMMET COUNTY

COMPARTMENT: **131**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	1126 Cds	Hardwood	723 Cds
Softwood	1804 Cds	Softwood	378 Cds
Softwood	40 Mbf	Sum CutVol	1101 Cds
Sum TotVol	3010 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	44
384			

GAYLORD FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 131 **Entry Year: 2008**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
8	J6	3	61	50	jack pine	mature	final harvest	2		
comnts Fmd : Fair quality jack pine. Buffer strip from previous sale.										
11	J6	13	61	50	jack pine	mature	final harvest	2		
comnts Fmd : Fair quality jack pine.										
19	A6	28	65	65	aspen (upland)	mature	final harvest	2		
comnts Fmd : Aspen is starting to decline. 20% - 30% will probably fall out of stand by next entry.										
Total Acres.....		44								

**Proposed Treatments
With Limiting Factors**

Compartment: 131 **Entry Year: 2008**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

Compartment 131
 T37N, R04W, Sec. 22, 27
 County: Emmet
 Unit: Gaylord
 YOE: 2008
 Acres: 384 GIS Calculated
 Stand Examiner: Shannon Harig
 Map Revised: 4/26/2006
 Map Phase: Pre-review

Field Map

22
 27
 34



Legend

- Miris Corners
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Stand Boundary

