



**ROSCOMMON FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 150 ENTRY YEAR: 2009

Compartment Acreage: 1191 County: Roscommon

Revision Date: 08-28-2007

Stand Examiner: J. Hartman

Legal Description: T21N R4W sections 9 and 16

Management Goals: Add another age class of aspen and add some SCA stands for continuity in the largely inaccessible central portion of the compartment.

Soil and Topography: Soils are composed of Rubicon and Saugatuck sands, Newton loamy sand, and Rifle peat. The terrain is level. Habitat types are primarily ParVHa and wetland.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Solid state ownership.

Unique, Natural Features: Slippershell musselshell, wood turtle, and Boreal branchionycha have been documented at specific locations within this compartment. Records from last YOE indicate that there was an active bald eagles nest along the border of the compartment to the west.

Archeological, Historical, and Cultural Features: None identified.

Special Management Designations or Considerations: A number of stands were nominated as Potential Old Growth in the 1999 plan for the Roscommon Unit. A few stands were added to this SCA for continuity.

Watershed and Fisheries Considerations: Wolf Creek bisects section 16.

Wildlife Habitat Considerations: The large floodplain of Wolf Creek provides good habitat for a number of game and non-game species. The roadless SCA area also provides good interior habitat.

Mineral Resource and Development Concerns and/or Restrictions: *The narrative from last YOE indicated that mineral development was being restricted due to eagle activity in the area.* Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 400 and 600 feet. Beneath the glacial drift is the Pennsylvanian Saginaw Formation. The Saginaw is quarried for clay elsewhere in the State. Gravel pits are not located in the area and potential appears to be limited. Headquarters Field is located three miles to the east. The field has produced over 11.3 million BO and 4.2 Bcf gas primarily from the Devonian Richfield Formation and is in secondary recovery operations currently. The Compartment is not currently leased.

Vehicle Access: Access east of the highway is good using Old 27. The portion south of Wolf Creek can be accessed using Canoe Camps Road and the portion in the northwest corner can be reached by coming in from the west via Paddle Road.

Survey Needs: None needed.

Recreational Facilities and Opportunities: Snowmobile Trail #6/7 and the Leota ORV trail are located in the southwest corner of the compartment.

Fire Protection: There is little hazardous fuels in this compartment and there is a decent water point at Wolf Creek off of Old 27. Access is difficult in portions of the compartment.

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

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: 150

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	212																										212
S Black Spruce		22																									22
V Bog or Marsh			8																								8
C Cedar				95																							95
G Grass					1																						1
J Jack Pine							45																				45
L LowInd Brush									189																		189
Q Mx Swmp Cnfr												183															183
X Non Stocked													5														5
O Oak														43													43
F Spruce Fir																			25								25
E Swamp Hrdwds																				235							235
M Upland Hdwds																								19			19
W White Pine																										109	109
Total	212	22	8	95	1		45		189			183	5	43					25	235				19		109	1191

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: **150**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	3780 Cds	Hardwood	592 Cds
Hardwood	1564 Mbf	Hardwood	166 Mbf
Softwood	4054 Cds	Softwood	65 Cds
Softwood	1139 Mbf	Softwood	31 Mbf
Sum TotVol	13240 Cds	Sum CutVol	1051 Cds
Total Cmpnt Acres		Acres Proposed For Cut.....	46
1191			

ROSCOMMON FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 150 Entry Year: 2009

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	fdf Status
35	A6	27	57	68	aspen (upland)	mature	final harvest	2	natural regeneration	
comnts Fmd : Clear-cut w/ reserves. More quaking aspen and red maple on this side of the road. Use retention pockets dominated by pine, but incorporate all species. Leave all birch throughout Right of way fence will also leave a visual buffer along highway.										
38	A9	19	79	65	aspen (upland)	mature	final harvest	2	natural regeneration	
comnts Fmd : Clear-cut w/ reserves leaving small islands and scattered supercanopy white pine.										

Total Acres..... 46

**Proposed Treatments
With Limiting Factors**

Compartment: 150

Entry Year: 2009

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

Total Acres..... **o**

