

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 83

Entry Year: 2007

\* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acres	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
1	A5	A3	8	19	5	50	58	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Nice regenerating aspen stand, still transitioning to A6. Soils are Cublake sands and Habitat Type is PVE.														
2	A5	A3	20	26	5	40	56	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Nice stand of aspen beginning to transition to poles. East side turn to low ground. Soils are Augres-Deford Complex and Habitat Type is PARVAa.														
3	J6	A1	11	51	11	80	53	jack pine	mature	N	final harvest	within 0-9 years	2	natural regeneration
comnts Fmd : Stand was partly salvaged through after 1997 wind storm, most of those areas were delineated out. Basal Area drops on south edge, stand could go either way aspen or jack pine. If the stand is not scarified the first year after harvest the stand should be managed for aspen. Do not cut oak and hemlock. Soil is Rubicon Sand and the Habitat Type is PARV.														
4	A3	A3	9	16	3	0	54	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Stand was typed as grass last entry, origin of stand is from 1989 Prescribed fire. Stand is now a nice clone of aspen. Soils are Rubicon Sand and the Habitat Type PARV.														
5	J3	J3	8	7	1	0	60	jack pine	immature	N		40-49 years	0	
comnts Fmd : Stand was planted in spring 2001 30 acres including a portion of stand 3 due to 1997 blowdown. Do a regen check in 1 year , summer 2002 [12-2-02 BB] Stand was apparently a failure? Got a completion from Don that 8 acres was trenched and seeded in summer of 2002, schedule a regen check in 2005. [New Inventory 8/11/2005] There is evidence of volunteer trees and seeded trees in stand. There is quite a bit of cherry within stand overtopping the shorter seeded jack pine. Close FTP C41-856. Close road within stand to try and prevent further trash dumping, trash piles along road need to be cleaned up. Soils are Proper Fine Sand and Habitat type is PVE.														
6	A4	A3	6	15	5	20	52	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Stand is 2 aged, it was cut through in 1990. Manage for the understory, some low ground on northern edge. Soils are Proper Fine Sand, and Habitat Type is PVE.														
7	A3	A3	31	16	3	0	54	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Stand is part of "Pipeline Block", 4-88, cut in 1989-1990, Some areas of jack pine regen within stand. East side of stand does get into some lower ground. Soils are Rubicon Sand and the Habitat Type PARV.														
8	J6	M1	3	68	10	80	54	jack pine	mature	Y	final harvest	within 0-9 years	6	natural regeneration
comnts Fmd : Stand on Contract 41-015-04-01 Dufour Headwaters.														
9	L0	L0	15		0	0	10	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils are Deford-Ausable Tawas Muck.														
10	A4	A3	21	18	5	20	53	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Stand was cut over in 1987 to maintain it as a grass opening. Its an A4 overall, still some Grass and or Upland Brush portions as well as just A2-A3. Soils are Rubicon Sands and Habitat type is PARV.														
11	Q6	L0	10	115	11	150	42	mixed swamp conifer	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Cedar or Hemlock cutting restraints														
comnts Fmd : Stand by volume is predominately cedar but its not contiguous throughout, many spruce areas. The spruce and fir are not as old as the cedar. Soils are Carbondale Lupton Tawas Muck. Stand cannot be cut unless the cedar is cut.														

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					B	Tot. BA								
12	A3	A3	6	7	2	20	52	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Stand suffered a lot of blowdown from 1997 storm which triggered the aspen regeneration, there is some residual aspen and white pine but not enough to go after, manage for the thick aspen understory. North edge gets quite low near Q type. Soils are Augres-Deford Complex and the Habitat type is PARVAa.														
13	J2	J2	26	7	1	0	53	jack pine	immature	N		30-39 years	0	
comnts Fmd : Stand was cut in 1998, never scarified. Walked through stand and there is enough regen to make a J2. Close FTP # C41-856 at the review. Soils are Rubicon Sands and the Habitat Type is PARV.														
14	J3	J3	1	7	1	0	60	jack pine	immature	N		40-49 years	0	
comnts Fmd : Stand was planted in spring 2001 30 acres including a portion of stand 3 due to 1997 blowdown. Do a regen check in 1 year , summer 2002 [12-2-02 BB] Stand was apparently a failure? Got a completion from Don that 8 acres was trenched and seeded in summer of 2002, schedule a regen check in 2005. [New Inventory 8/11/2005] There is evidence of volunteer trees and seeded trees in stand. There is quite a bit of cherry within stand overtopping the shorter seeded jack pine. Close FTP C41-856. Close road within stand to try and prevent further trash dumping, trash piles along road need to be cleaned up. Soils are Proper Fine Sand and Habitat type is PVE.														
15	J5	A2	10	51	10	40	53	jack pine	mature	N	final harvest	within 0-9 years	2	natural regeneration
comnts Fmd : Stand was salvaged through in 1998 from the 1997 winstorm. The stand is sparse in spots. Stand needs to be final harvested and planted due to the advanced aspen regen and or thick grass mat on the south and west. Aspen is not present throughout stand so it will not take entire site over. Therefore, jack pine will need to be planted. Do not cut oak and hemlock. Soils are Rubicon Sands and the Habitat Type is PARV.														
16	J4	J3	28	26	5	10	53	jack pine	immature	N		30-39 years	0	
comnts Fmd : Very nice thick Jack Pine. There was a train fire within stand in 2001? Soils are Rubicon Sands and the Habitat type is PARV.														
17	A3	A3	4	17	3	0	53	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Old G type which has been encroached by a clone of aspen and jack pine. Soils are Rubicon Sands and the Habitat Type is PARV.														
18	A4	A3	43	16	5	10	53	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Stand is mixed ages of aspen, all within 10 years or so of each other. Stand is predominately A3-A4. There are areas of jack pine regen as well, heavy in spots. Soils are Rubicon Sands and Habitat Type is PARV.														
19	Q4	P2	27	70	8	30	48	mixed swamp conifer	immature	N		20-29 years	0	
comnts Fmd : Stand is a real hodge podge. It has been salvaged a couple of times from wind storms, the resulting regeneration from those activities has been BAM and some spruce. The stand is a Q4 overall. Soils are Proper Fine Sand and the Habitat type is PVE.														
20	Q4	Q1	12	75	7	20	48	mixed swamp conifer	immature	N		50-59 years	0	
comnts Fmd : Stand has been salvaged a couple times from high water and 1997 wind storm the remaining timber has been hit hard by high water from a beaver dam. Soils are Carbondale-Lupton-Tawas Muck.														
21	A3	A3	6	7	2	0	51	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Stand is a mix of upland and lowland, trembling aspen on the upland and BAM on the lowland. Stand was cut in 1998, Lost Aspen Sale. Soils are Augres-Deford Complex and Habitat type is PARVAa.														
22	A4	A2	6	16	5	30	54	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Stand is an old grass type that was burned in 1989 but not 1997, Aspen has taken over the stand now. Soils are Rubicon Sands and the Habitat type is PARV.														
23	A4	A2	89	16	5	10	51	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Stand is an old G type transitioning to Aspen due to no management. There are still areas of grass and or Upland brush within stand however overall the stand is aspen/jack pine. Soils are Rubicon Sands and the Habitat Type is PARV.														

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					B H	Tot. BA								
24	R6	F2	16	45	11	150	56	red pine	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Natural Pine stand, some areas with very heavy basal area of red pine. Understory is thick fir in areas and brush in others. Lot of low ground fingers on the edges. Found 1 dry drainage ditch in the center of the stand. Spp thin. Do not cut oak and hemlock. Soils are Furlong-Shingleton Loamy Sands and the Habitat type is ATFD.														
25	A4	A3	14	45	5	20	56	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Very nice A3 but there is merchantable aspen starting to show up. Soils are Rubicon Sands Habitat type is PArV.														
26	A4	A3	77	45	5	20	56	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Very nice A3 but there is merchantable aspen starting to show up. Soils are Rubicon Sands Habitat type is PArV.														
27	A4	A2	9	16	5	10	51	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Decent stand of aspen. Transitioning to poles nicely. Mostly big tooth aspen. Soils are Rubicon Sands and the Habitat Type is PArV.														
28	A3	A3	7	7	1	0	55	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Stand salvaged in 1998, sale # 9-98-02. Soils are Furlong Shingleton Loamy Sands Habitat type is ATFD.														
29	F5	F2	28	45	8	40	49	spruce-fir (uplands-including upland black spruce)	immature	N		10-19 years	0	
comnts Fmd : Stand is a mix of fir, aspen and birch as well as scattered Jack pine. Soils are Armadon Rock Outcrop.														
30	L0	L0	3		0	0	10	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils are Deford-Ausable Tawas Muck.														
31	A4	A3	22	26	5	20	54	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Nice aspen stand both Big Tooth and Trembling Aspen. Also some oak logs and red pine poles within stand. Some nice birch regen as well.														
32	C6	Q1	5	75	7	80	48	cedar	immature	N		50-59 years	0	
comnts Fmd : Stand has been salvaged a couple times from high water and 1997 wind storm the remaining timber has been hit hard by high water from a beaver dam. Soils are Carbondale-Lupton-Tawas Muck.														
33	R6	U0	25	42	8	170	60	red pine	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Stocking somewhat variable, this will be the first thinning. Oak present in stand, do not cut. Soils are Hartwick-Mancelona Complex.														
34	R3	R3	36	5	1	0	60	red pine	immature	N		within 0-9 years	0	release
comnts Fmd : CONVERTED TO RED PINE. BURNED SUMMER 1999 TRENCHED AND HAND PLANTED SPRING 2000. [3-14-02] Received regen survey results from Don showing 1005 red pine trees/acre and 23 volunteers per acre. Release work still to come. FTP#41-882 [8/6/2004 BB] Received completion for 40 acres of release work, Don indicates spotty results, keep open for more release. [8/17/05 BB] Still lots of cherry brush, needs release under FTP C41-832. Close FTP C41-882 for burning.														
35	O8	A3	60	62	12	60	58	oak	immature	N		10-19 years	0	
comnts Fmd : SPECIES THINNED IN 1998 Seeing some white pine in stand but not 10' throughout. Stand is regenerating nicely to aspen and oak without deer browse on either. Soils are Hartwick-Mancelona Complex.														

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					B H	Tot. BA								
36	A3	A3	14	16	4	0	52	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Cut in 1989, stand is a mix of aspen, hardwood and fir. Soils are Augres-Deford Complex Habitat types are PArVAa.														
37	C6	F3	38	110	10	150	44	cedar	immature	N		10-19 years	0	
comnts Fmd : Stand received some minor damage from 97 windstorm, worst area was split out and salvaged. Much of the cedar is large diameter but crooked form. Stand looks to be generally very wet but is dry now due to the droughty conditions. The fir understory is advanced 2-4" and 20' tall. Soils are Chippeny Muck.														
38	O8	A3	27	60	12	40	56	oak	immature	N		20-29 years	0	
comnts Fmd : Portions of the stand had a removal cut in 1995. Stand has 2 different age classes of regen. Nice oak regen in spots but mainly aspen. Soils are Hartwick-Mancellona Complex.														
39	A6	F3	11	66	10	120	53	aspen (upland)	mature	Y	final harvest	within 0-9 years	2	natural regeneration
comnts Fmd : Stand is mature, cut cedar if possible. Would like a comparable species mix back for regeneration. Do not cut oak and hemlock.														
40	R3	R3	4	5	1	0	60	red pine	immature	N		within 0-9 years	0	release
comnts Fmd : R3 plantation along US-2, could use release but not crucial. Planted in 2000. [8/17/05 BB] Still lots of cherry brush, needs release. However herbicide was not indicated on either of the first 2 FTP's. Close current FTP C41-882 for burning. Keep C41-832 open for release.														
41	X0	X0	13		0	0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
comnts Fmd : US-2 RIGHT OF WAY														
42	R3	R3	28	15	3	0	62	red pine	immature	N		20-29 years	0	
comnts Fmd : Red Pine plantation, appx 15' tall. Most of oak residual is dead. Still a little competition but not worth doing anything else. Soils are Hartwick Mancelona Complex.														
43	Q3	Q3	6	15	1	0	47	mixed swamp conifer	immature	N		50-59 years	0	
comnts Fmd : Stand was cut for a salt strip or to reduce deer kill in 1989. Seeing some nice regen overall, even cedar. Soils are Carbondale-Lupton Tawas Muck.														
44	R3	R3	15	5	1	0	56	red pine	immature	N		within 0-9 years	0	release
comnts Fmd : Schedule regen check 1 year [3-14-02] Received regen survey results from Don showing 816 red pine trees/acre and 210 volunteers per acre. Release work still to come. FTP#41-895 Still in need of spot release FTP staying open. Soils are Hartwick Mancellona Complex.														
45	R3	R3	53	5	1	0	56	red pine	immature	N		within 0-9 years	0	release
comnts Fmd : Schedule regen check 1 year [3-14-02] Received regen survey results from Don showing 816 red pine trees/acre and 210 volunteers per acre. Release work still to come. FTP#41-895 Still in need of spot release FTP staying open. Soils are Hartwick Mancellona Complex.														
46	O4	A3	38	62	9	10	54	oak	two aged	N		50-59 years	0	
comnts Fmd : Stand was jack last entry, the jack pine was cut out in 1998 leaving the oak. Oak and aspen have regenerated well, more aspen though. Stocking of oak overstory varies a lot. Close road within stand to prevent garbage dumping. Soils are Hartwick-Mancellona Complex.														

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					B	Tot. BA								
47	Q2	Q2	8	6	1	30	46	mixed swamp conifer	immature	N		50-59 years	0	
comnts Fmd : Stand is the result of a salvage cut from the 1997 winstorm. The stand was salvaged during 2-3 winters following the storm. There is still some residual cedar and spruce that is standing but the understory is bieng featured and the residual will provide an additional seed sorce. Regen is spruce, fir and cedar, even a few oak seedlings. Soils are Chippeny Muck. The extreme western portion looks like it was cut 20 years ago, here the stand regenerated to a B3 with a mixture of soft maple and ash.														
48	J3	J3	3	15	2	0	55	jack pine	immature	N		40-49 years	0	
comnts Fmd : Stand is natural jack pine strip along US-2. Soils are Hartwick Mancellona Complex.														
49	A3	A3	24	17	4	0	54	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Nice stand of aspen, no measurable BA throughout yet. Also some nice Birch regen. Soils are Augres-Deford Complex and the Habitat Type is PArVAa.														
50	C6	Q3	92	119	10	200	48	cedar	immature	N		10-19 years	0	
comnts Fmd : Nice cedar, portions were salvaged but there is still some areas of blowdown throughout stand. However, it occurs a few trees at a time sporaticly. Cedar is regenerating within the old cut strips, though it is slow and will take a long time to overcome the birch. Soils are Carbondale-Lupton-Tawas Muck														
51	X0	X0	3		0	0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
comnts Fmd : FLODIN ROAD														
52	A4	F3	18	34	7	40	46	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Fairly low site productivity due to the amount of rock in the soil. Stand is a hodge podge mix of species and ages. Some low ground in the center of stand. Lots of trash on East side along road, the area was cleaned up once before with help from UP whitetails in 1996. Soils are Armadon Rock Outcrop and habitat type is AFPO														
53	Q2	Q2	12	7	1	30	48	mixed swamp conifer	immature	N		70-79 years	0	
comnts Fmd : Stand received heavy damage from the 1997 winstorm. Stand has scattered residual cedar. However, the the blowdown is immense. Much of the tipped flat cedar is still alive. Seeing decent regen in this stand versus the other 2 that were salvaged through. Regen is cedar, spruce, birch, cherry and fir. Residual varies from 0-30' and still blowing over. Manage for understory. Soils Carbondale-Lupton-Tawas Muck														
54	E1	C0	5	7	1	0	44	swamp hardwoods	immature	N		10-19 years	0	
comnts Fmd : Formerly a cedar stand. Stand was set after 1997 windstorm for salvage. Stand has regenerated to cherry, some maple and fir. The grasses are very tall, could not find any cedar regen. Stand should be burned with stand 87 to south and converted back to cedar. Burn was dropped at pre-review by the recommendation of the Fire Specialist. Soils are Carbondale-Lupton-Tawas Muck														
55	R3	R3	15	5	1	0	56	red pine	immature	N		within 0-9 years	0	release
comnts Fmd : Schedule regen check 1 year [3-14-02] Received regen survey results from Don showing 816 red pine trees/acre and 210 voulunteers per acre. Release work still to come. FTP#41-895 Still in need of spot release FTP staying open. Soils are Hartwick Mancellona Complex.														
56	M6	F3	20		9	90	55	northern hardwood	two aged	N		10-19 years	0	
comnts Fmd : Decent hardwood potential. Regen is thick fir which may get shaded out down the road. Other regen is beech, ironwood, maple and oak. Soils are Furlong-Shingleton Loamy Sands Habitat Type is ATFD														
57	J4	J3	18	27	6	10	54	jack pine	immature	N		20-29 years	0	
comnts Fmd : Nice Jack pine thick, stand is old G that has filled in. Some aspen clones and upland brush as well. Soils are Rubicon Sands and the Habitat type is PArV														

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					D B H	Tot. BA	Site Indx							
58	J3	J3	18	15	3	0	54	jack pine	immature	N		30-39 years	0	
comnts Fmd : Nice jack pine. There are a few aspen clones within stand. Soils are Rubicon Sand and the Habitat type is PArV.														
59	B4	Q2	1	35	5	20	48	paper birch	immature	N		50-59 years	0	
comnts Fmd : Stand is a strip cut out of a large cedar stand. The strip regenerated to white birch overall but there is cedar in them at various densities and sizes. Many years down the road the strip may turn back to cedar as birch dies out. This would be the long term MO for the stand. Lots of alder in strip also and some fir. Soils are Carbondale-Lupton-Tawas Muck.														
60	X0	X0	2		0	0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
comnts Fmd : Stand is an old sand pit. Used as a local party spot now for ATV's and 4 wheel drive PU's. Close road leading to stand.														
61	E6	F3	4	60	10	70	49	swamp hardwoods	mature	N	final harvest	within 0-9 years	2	
comnts Fmd : Stand received some damage from 97 storm. Aspen and much of the maple are mature. The west side is higher ground while the east side is a true E turning to Q. Do not cut White pine, oak, hemlock or cedar, save for aesthetics along US-2. Aspen and fir will an acceptable alternative MO. Soil is Carbondale-Lupton-Tawas Muck.														
62	J3	J3	10	7	2	0	53	jack pine	immature	N		40-49 years	0	
comnts Fmd : FTP C41-825. Apparently the stand was scarified which failed and then planted twice. Stand is now fully regenerated close FTP. Soils are Proper Fine sand and the habitat type is PVE.														
63	B4	Q2	1	35	5	20	48	paper birch	immature	N		50-59 years	0	
comnts Fmd : Stand is a strip cut out of a large cedar stand. The strip regenerated to white birch overall but there is cedar in them at various densities and sizes. Many years down the road the strip may turn back to cedar as birch dies out. This would be the long term MO for the stand. Lots of alder in strip also and some fir. Soils are Carbondale-Lupton-Tawas Muck.														
64	J6	A1	11	51	11	80	53	jack pine	mature	N	final harvest	within 0-9 years	2	natural regeneration
comnts Fmd : Stand was partly salvaged through after 1997 wind storm, most of those areas were delineated out. Basal Area drops on south edge, stand could go either way aspen or jack pine. If the stand is not scarified the first year after harvest the stand should be managed for aspen. Do not cut oak and hemlock. Soil is Rubicon Sand and the Habitat Type is PArV.														
65	M4	A1	5	35	5	30	53	northern hardwood	immature	N		30-39 years	0	
comnts Fmd : Stand is an M4/G type. Scattered soft maple and aspen. The aspen will likely take stand over down the road. Soils are Rubicon Sands and Habitat Type is PArV.														
66	A3	A3	22	7	2	0	54	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : Stand was originally 3 separate stands, Jack pine on east and west and aspen in the middle. Stand was cut in 1998 Dufour Creek Sale. The stand was scarified but the stands have melded together into a large aspen type. There is jack pine regen but mostly aspen. Close FTP c41-856 Soils are Rubicon sands and Habitat type is PArV.														
67	J2	J2	5	7	1	0	54	jack pine	immature	N		50-59 years	0	
comnts Fmd : Stand is pretty sparse on Jack Pine, some aspen lots of cherry. Looks like a 2 for density. Scattered red pine logs within stand. Apperently scarified in 1998. Close FTP C41-856. Soils are Proper Fine Sands and Habitat type is PVE.														
68	A3	A3	4	7	1	0	58	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : Stand is A3 though there is some decent oak regen as well as jack pine. Soils are Hartwick Mancellona Complex.														
69	A2	A2	5	7	2	0	53	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : Stand was jack pine, scarified in 1998 under FTP C41-856. However, regen is Aspen, not seeing much jack pine also quite a bit of cherry brush. Close road in stand to prevent illegal dumping. Soils are Rubicon Sands Habitat type is PArV.														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	A c r e s	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
70	A5	A3	4	19	5	50	58	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Nice regenerating aspen stand, still transitioning to A6. Soils are Cublake sands and Habitat Type is PVE.														
71	J3	J3	9	7	2	0	53	jack pine	immature	N		40-49 years	0	
comnts Fmd : FTP C41-825. Apparently the stand was scarified which failed and then planted twice. Stand is now fully regenerated close FTP. Soils are Proper Fine sand and the habitat type is PVE.														
72	L0	L0	9		0	0	10	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils are Deford-Ausable Tawas Muck.														
73	L0	L0	8		0	0	10	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils are Deford-Ausable Tawas Muck.														
74	A3	A3	15	7	1	10	58	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : Stand Was cut in 1998 it is A3 though there is some very nice oak regen as well as jack pine and red pine. There are areas especially on east side that have oak residual, some areas up to 50 square feet. However, overall only about 10' of oak. Soils are Hartwick Mancellona Complex. There are some oaks that were caged as an experiment for studying deer browse by the TMS within stand.														
75	Q6	L0	8	115	11	150	42	mixed swamp conifer	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Cedar or Hemlock cutting restraints														
comnts Fmd : Stand by volume is predominately cedar but its not contiguous throughout, many spruce areas. The spruce and fir are not as old as the cedar. Soils are Carbondale Lupton Tawas Muck. Stand cannot be cut unless the cedar is cut.														
76	J5	A3	4	66	10	40	54	jack pine	mature	Y	final harvest	within 0-9 years	2	planting
comnts Fmd : Stand took a hard hit from 97 storm and old age. Jack pine will be tough to regenerate unless planted due to the advanced A3 understory. If jack pine fails accept aspen. Do not cut oak and hemlock. Check for char in stand when preparing. Soils are Rubicon Sands and the Habitat Type is PArV.														
77	R6	O1	1	62	10	150	57	red pine	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Stand is a strip of red pine, appx 1 chain wide. This will be the third thinning for the stand. The trees in the stand received hail damage from the 1997 storm which opened them up to diplodia. Some of the trees have dead liters and these are the ones that should be marked first. Keep equipment out of the adjacent plantings. Do not cut oak and hemlock. Soils are Hartwick Mancellona Complex														
78	R3	R3	1	5	1	0	56	red pine	immature	N		within 0-9 years	0	release
comnts Fmd : Schedule regen check 1 year [3-14-02] Received regen survey results from Don showing 816 red pine trees/acre and 210 volunteers per acre. Release work still to come. FTP#41-895 Still in need of spot release FTP staying open. Soils are Hartwick Mancellona Complex.														
79	R6	A1	3	40	9	180	60	red pine	immature	Y	thinning	within 0-9 years	2	
comnts Fmd : Will be a first thinning, north side has aspen and oak fringes. Lots of Garbage along roads. Do not cut oak and hemlock. Soils are Proper Fine Sands and the Habitat type is PVE.														
80	R3	R3	3	5	1	0	56	red pine	immature	N		within 0-9 years	0	release
comnts Fmd : Schedule regen check 1 year [3-14-02] Received regen survey results from Don showing 816 red pine trees/acre and 210 volunteers per acre. Release work still to come. FTP#41-895 Still in need of spot release FTP staying open. Soils are Hartwick Mancellona Complex.														

## SHINGLETON FOREST AREA

## Stand Level Information

Compartment: 83

Entry Year: 2007

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Age	Ave. D	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trmt. Period	Harvest Priority	Cultural Need	Notes
81	M3	M3	17	15	3	0	54	northern hardwood	immature	N		50-59 years	0	
comnts Fmd : Regen is red maple fir and white birch. Also seeing some ironwood and hard maple. Soils are Furlong Shingleton Loamy Sands and the Habitat type is ATFo														
82	E6	E2	4	70	10	100	47	swamp hardwoods	immature	N		10-19 years	0	
comnts Fmd : Stand is a real hodge podge. It has been salvaged from wind storm in 1997, the resulting regeneration from those activities has been soft maple, BAM and fir. There is quite a cedar component, isolated to the East side mainly and there is also a drain running through stand from stand 30. Soils are Proper Fine Sand and the Habitat type is PVE.														
83	B4	Q2	3	35	5	20	48	paper birch	immature	N		50-59 years	0	
comnts Fmd : Stand is a strip cut out of a large cedar stand. The strip regenerated to white birch overall but there is cedar in them at various densities and sizes. Many years down the road the strip may turn back to cedar as birch dies out. This would be the long term MO for the stand. Lots of alder in strip also and some fir. Soils are Carbondale-Lupton-Tawas Muck.														
84	R6	O1	2	62	10	150	57	red pine	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Stand is a strip of red pine, appx 1 chain wide. This will be the third thinning for the stand. The trees in the stand received hail damage from the 1997 storm which opened them up to diplodia. Some of the trees have dead liters and these are the ones that should be marked first. Keep equipment out of the adjacent plantings. Do not cut oak and hemlock. Soils are Hartwick Mancellona Complex														
85	R6	O1	2	62	10	150	57	red pine	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Stand is a strip of red pine, appx 1 chain wide. This will be the third thinning for the stand. The trees in the stand received hail damage from the 1997 storm which opened them up to diplodia. Some of the trees have dead liters and these are the ones that should be marked first. Keep equipment out of the adjacent plantings. Do not cut oak and hemlock. Soils are Hartwick Mancellona Complex														
86	R6	O1	2	62	10	150	57	red pine	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Stand is a strip of red pine, appx 1 chain wide. This will be the third thinning for the stand. The trees in the stand received hail damage from the 1997 storm which opened them up to diplodia. Some of the trees have dead liters and these are the ones that should be marked first. Keep equipment out of the adjacent plantings. Do not cut oak and hemlock. Soils are Hartwick Mancellona Complex														
87	P2	C0	6	7	1	0	44	cedar	immature	N		within 0-9 years	0	natural regeneration
comnts Fmd : Stand was formerly a cedar stand last entry. Stand was set for sale in 1996 then before it got cut it received heavy damage from the 97 windstorm. The original boundaries changed some after salvage operations. Stand was suppose to have been burned for cedar regeneration. Stand has not yet been burned and has regenerated to P2 (BAM). The grasses are very tall, could not find any cedar regen, some fir. Continue with burn plan and change in MO back to cedar. Soils are Carbondale-Lupton-Tawas Muck Burn was dropped by recommendation of Fire Specialist at Pre-Review. Close FTP-C41-874														
88	R6	O1	2	62	10	150	57	red pine	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Stand is a strip of red pine, appx 1 chain wide. This will be the third thinning for the stand. The trees in the stand received hail damage from the 1997 storm which opened them up to diplodia. Some of the trees have dead liters and these are the ones that should be marked first. Keep equipment out of the adjacent plantings. Do not cut oak and hemlock. Soils are Hartwick Mancellona Complex														
89	R6	O1	1	62	10	150	57	red pine	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Stand is a strip of red pine, appx 1 chain wide. This will be the third thinning for the stand. The trees in the stand received hail damage from the 1997 storm which opened them up to diplodia. Some of the trees have dead liters and these are the ones that should be marked first. Keep equipment out of the adjacent plantings. Do not cut oak and hemlock. Soils are Hartwick Mancellona Complex														
90	R6	O1	1	62	10	150	57	red pine	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Stand is a strip of red pine, appx 1 chain wide. This will be the third thinning for the stand. The trees in the stand received hail damage from the 1997 storm which opened them up to diplodia. Some of the trees have dead liters and these are the ones that should be marked first. Keep equipment out of the adjacent plantings. Do not cut oak and hemlock. Soils are Hartwick Mancellona Complex														

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 83

Entry Year: 2007

\* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	Age	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D	Tot. BA	Site Indx							
91	R6	O1	1	62	10	150	57	red pine	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Stand is a strip of red pine, appx 1 chain wide. This will be the third thinning for the stand. The trees in the stand received hail damage from the 1997 storm which opened them up to diplodia. Some of the trees have dead liters and these are the ones that should be marked first. Keep equipment out of the adjacent plantings. Do not cut oak and hemlock. Soils are Hartwick Mancellona Complex														
92	R6	O1	1	62	10	150	57	red pine	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Stand is a strip of red pine, appx 1 chain wide. This will be the third thinning for the stand. The trees in the stand received hail damage from the 1997 storm which opened them up to diplodia. Some of the trees have dead liters and these are the ones that should be marked first. Keep equipment out of the adjacent plantings. Do not cut oak and hemlock. Soils are Hartwick Mancellona Complex														
93	R6	O1	2	62	10	150	57	red pine	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Stand is a strip of red pine, appx 1 chain wide. This will be the third thinning for the stand. The trees in the stand received hail damage from the 1997 storm which opened them up to diplodia. Some of the trees have dead liters and these are the ones that should be marked first. Keep equipment out of the adjacent plantings. Do not cut oak and hemlock. Soils are Hartwick Mancellona Complex														
94	R6	O1	3	62	10	150	57	red pine	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Stand is a strip of red pine, appx 1 chain wide. This will be the third thinning for the stand. The trees in the stand received hail damage from the 1997 storm which opened them up to diplodia. Some of the trees have dead liters and these are the ones that should be marked first. Keep equipment out of the adjacent plantings. Do not cut oak and hemlock. Soils are Hartwick Mancellona Complex														
95	R6	O1	1	62	10	150	57	red pine	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Stand is a strip of red pine, appx 1 chain wide. This will be the third thinning for the stand. The trees in the stand received hail damage from the 1997 storm which opened them up to diplodia. Some of the trees have dead liters and these are the ones that should be marked first. Keep equipment out of the adjacent plantings. Do not cut oak and hemlock. Soils are Hartwick Mancellona Complex														
96	R6	O1	3	62	10	150	57	red pine	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Stand is a strip of red pine, appx 1 chain wide. This will be the third thinning for the stand. The trees in the stand received hail damage from the 1997 storm which opened them up to diplodia. Some of the trees have dead liters and these are the ones that should be marked first. Keep equipment out of the adjacent plantings. Do not cut oak and hemlock. Soils are Hartwick Mancellona Complex														
97	R6	O1	1	62	10	150	57	red pine	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Stand is a strip of red pine, appx 1 chain wide. This will be the third thinning for the stand. The trees in the stand received hail damage from the 1997 storm which opened them up to diplodia. Some of the trees have dead liters and these are the ones that should be marked first. Keep equipment out of the adjacent plantings. Do not cut oak and hemlock. Soils are Hartwick Mancellona Complex														
98	R6	O1	3	62	10	150	57	red pine	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Stand is a strip of red pine, appx 1 chain wide. This will be the third thinning for the stand. The trees in the stand received hail damage from the 1997 storm which opened them up to diplodia. Some of the trees have dead liters and these are the ones that should be marked first. Keep equipment out of the adjacent plantings. Do not cut oak and hemlock. Soils are Hartwick Mancellona Complex														
99	R6	O1	4	62	10	150	57	red pine	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Stand is a strip of red pine, appx 1 chain wide. This will be the third thinning for the stand. The trees in the stand received hail damage from the 1997 storm which opened them up to diplodia. Some of the trees have dead liters and these are the ones that should be marked first. Keep equipment out of the adjacent plantings. Do not cut oak and hemlock. Soils are Hartwick Mancellona Complex														
100	U0	U0	24			0	54	upland brush	nonstocked	N		50-59 years	0	
comnts Fmd : Stand was grass last entry but has not been treated since 1989 and is now encroached with cherry brush. Soils are Rubicon Sands and the Habitat type is PArV														
101	A3	A3	2	7	1	0	54	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : Stand was the result of a salvage cut from 1997 storm.														

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 83

Entry Year: 2007

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
102	A3	A3	2	7	1	0	54	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : Stand was the result of a salvage cut from 1997 storm.														
103	A5	A3	1	56	8	50	52	aspen (upland)	mature	Y	final harvest	within 0-9 years	2	natural regeneration
comnts Fmd : Stand partially blown over in 1997 storm, some salvaged but that produced a thick A3 understory. Overstory needs to be cut. Should TSI stand afterwards. Aspen is the only acceptable MO. Do not cut oak and hemlock. Soils are Rubicon Sands and the Habitat Type is PArV.														
104	A4	A3	2	19	5	10	58	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Nice regenerating aspen stand, still transitioning to A6. Soils are Cublake sands and Habitat Type is PVE.														
105	J6	M1	4	40	8	100	55	jack pine	immature	N		10-19 years	0	
comnts Fmd : Soils are Cublake Sand Habitat type is PVE														
106	J4	U0	7	26	5	10	52	jack pine	immature	N		30-39 years	0	
comnts Fmd : Stand was once grass but has filled in with jack pine and aspen as well as Cherry brush. Soils are Rubicon Sands and the Habitat type is PArV.														
107	J2	J2	7	18	3	0	52	jack pine	immature	N		30-39 years	0	
comnts Fmd : Stand was cut in 1987 to maintain openings but it has not been managed since and is coming back to jack pine 10' tall.														
108	M4	A1	6	35	5	30	53	northern hardwood	immature	N		30-39 years	0	
comnts Fmd : Stand is an M4/G type. Scattered soft maple and aspen. The aspen will likely take stand over down the road. Soils are Rubicon Sands and Habitat Type is PArV.														
109	R6	O1	1	62	10	150	57	red pine	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Stand is a strip of red pine, appx 1 chain wide. This will be the third thinning for the stand. The trees in the stand received hail damage from the 1997 storm which opened them up to diplodia. Some of the trees have dead liters and these are the ones that should be marked first. Keep equipment out of the adjacent plantings. Do not cut oak and hemlock. Soils are Hartwick Mancellona Complex														
110	X0	X0	15			0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
comnts Fmd : Wisconsin Central Railroad														
111	Q6	L0	2	115	11	110	42	mixed swamp conifer	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Cedar or Hemlock cutting restraints														
comnts Fmd : Stand is a buffer fringe to Dufour Creek, there is some nice white pine logs in stand as well. Soils are Carbondale Lupton Tawas Muck. Stand cannot be cut unless the cedar is cut.														
401	G0	G0	22		0	0	53	grass	immature	N		10-19 years	0	
comnts Fmd : Stand is a grass type which has not had much for recent maintenance, a portion of the old stand was split out because it is now treed. Remainder of stand still has some encroachment. Soils are Rubicon Sands and the Habitat Type is PArV.														
402	G0	G0	4		0	0	54	grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : Stand should be treated with grass opening to the north which is slated for a burn. Close road that cuts through stand to prevent illegal dumping. Soils are Rubicon Sands and the Habitat type is PArV.														

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 83

Entry Year: 2007

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Stand ID	Cover Type-Dnsty	Under Story-Stkng Level	Acres	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
				Age	D B H	Tot. BA							
403	G0	G0	13		0	52	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Grass stand with quite a bit of encroachment from jack pine, aspen and U.													
404	G0	G0	4	0	0	55	grass	nonstocked	N		10-19 years	0	
comnts Fmd : Nice grass, could use inmate maintenance for jack pine encroachment. Soils are Rubicon Sands and the Habitat type is PArV.													
406	G0	G0	8	0	0	55	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Enbridge Gas Pipeline													
411	G0	G0	12	0	0	55	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Great Lakes Gas Pipeline													
412	G0	G0	4	0	0	55	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Edison Sault Transmission Line													
413	G0	G0	30	0	0	55	grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : Stand has quite a bit of encroachment from Cherry and aspen. Last burned in 1997, I think there is enough fuel to carry another fire. Soils are Rubicon Sands and the Habitat Type is PArV													
414	G0	G0	172	0	0	55	grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : Stand has quite a bit of encroachment from Cherry and aspen. Last burned in 1997, I think there is enough fuel to carry another fire. There is a woodcock Lek on south end of stand that may need to be protected. Also see locked box for additional comments. Soils are Rubicon Sands and the Habitat Type is PArV													
416	G0	G0	195	0	0	55	grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : Stand has quite a bit of encroachment from Cherry and aspen. Last burned in 1997, I think there is enough fuel to carry another fire. Soils are Rubicon Sands and the Habitat Type is PArV													
432	G0	G0	2	0	0	50	grass	nonstocked	N		50-59 years	0	
comnts Fmd : [2/6/03 BB Stand was originally prescribed for treatment and an FTP was associated but by local agreement and a subsequent letter the FTP was cancelled and priority was switched to 3, when the stand is re-inventoried re-evaluate the need for opening maintenance. Stand is the old Green box site and I don't believe it needs maintenance.													

Total Acres..... 1918