

**NEWBERRY FOREST MGT UNIT**

**Stand Level Information**

**Compartment: 13**

**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							
1	J2	J2	69	1	0	30	53	jack pine	two aged	N		50-59 years	0	
comnts Fmd : "Big Corner Jack Pine" sale #44-97. Stand harvested in 1999-2000. Scarification completed 8/2001 FTP#42-490, with regen check done 5/2004. Stocking = 505 t/ac of mixed spp (J,R,W,M) and ~ 1-2' heights. Original planting done in 1931 with 2-0 R,J. This is the YOO for residual red pine. 1997: stand 1,2,3														
2	R6	J1	93	76	10	70	50	red pine	immature	N	shelterwood-seed	within 0-9 years	2	
comnts Fmd : "Big Corner Jack Pine" sale #44-97. Stand harvested in 1999-2000. Scarification completed 8/2001 FTP#42-490, with regen check 5/2004. Stocking = 505 t/ac of mixed spp. Original planting of 2-0 R,J in 1931. Red pine was never thinned with timber sale; fairly thick, in places. No regeneration underneath. 1997: stand 2														
Wld : leave white pine in the stand, leave all oak, and leave paper birch														
3	J2	J2	24	1	0	30	53	jack pine	two aged	N		50-59 years	0	
comnts Fmd : "Big Corner Jack Pine" sale #44-97. Stand harvested in 1999-2000. Scarification completed 8/2001 FTP#42-490, and regen check completed 5/04. Stocking = 505 t/ac of mixed spp (J,R,W,M) and ~ 1-2' heights. Original planting in 1931 of 2-0 R,J - YOO for residual red pine. 1997: stands 1,15														
4	R6	N1	68	76	9	80	50	red pine	immature	N	delayed removal	within 0-9 years	1	natural regeneration
comnts Fmd : Stand was planted with 2-0 J,R in 1931. Remove jack pine and thin red pine, where needed. Mixed hardwood spp include: oak, paper birch - these can be left for diversity within stand. Old charred WP stumps w/in. Ground cover noted includes: pipsissewa, wintergreen, lily of the valley, trailing arbutus, oak and red maple seedlings. 1997: stand 6														
Wld : Leave oak and paper birch														
5	W8	N1	24		12	60	45	white pine	unevenaged	N		20-29 years	0	
comnts Fmd : Stand combines two stands from last entry. Stand was cut under sale #45-91, "Seven Mile Airport", in 1992. All red pine, white pine and oak were left. Old cut (stumps) still visible; some portions thinned more recently than others. White pine growing in thick patches, with red pine fairly scattered throughout. Some weeviling. WP regen is from 1-3" dbh and up to 24 feet in height. Pockets of S regeneration. Some paper birch and aspen present; high bush blueberry, also. Old red lines still visible, in places. 1997: stand 4,5														
6	R6	N1	25	76	9	120	50	red pine	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Stand was planted w/2-0 J,R in F, 1931. Remove jack pine and thin red pine to increase growth. 91= oak, spruce, aspen, and W. Leave oak and white pine, but cut aspen and spruce. 1997: stand 6														
Wld : leave all oak and white pine														
7	R5	J1	36	5	10	40	53	red pine	two aged	N		50-59 years	0	
comnts Fmd : Sale #45-97, "Shadow Jack Pine". Stand was harvested in the summer, 1999. No FTP, due to high residual of R and O. Was previously a mixed planted stand of jack and red pine, but since the jack pine was removed, new management will be for a mix of jack/red/white pine and oak. Regeneration is diverse already - continue to monitor for success. A few aspen clones were left within sale. 1997: stand 7														
8	W6	N2	34	76	10	70	45	white pine	immature	N		30-39 years	0	
comnts Fmd : Planting of 2-0 R,J done in the Fall,1931; WP origin about this time also, although there are some older seed trees within stand. Stand falls along slope line. Some paper birch within. Regen consists of Oak, R and S in addition to the white pine. 1997: stand 8														
9	R5	N2	26	76	9	60	50	red pine	immature	N		30-39 years	0	
comnts Fmd : Planting of 2-0 R,J in 1930 and 1931. Stand does contain some older R,W seed trees. Primarily white pine regen noted, but some oak, birch and red maple present. White pine saplings are ~1" dbh and 15' tall. Stand boundary on east side is old RR grade. 1997: stand 14														

\* 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	A c r e s	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA	Site Indx							
10	R6	N 1	73	77	9	80	50	red pine	immature	N		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Delayed treatment for age/size class diversity														
comnts Fmd : Stand was planted w/ 2-0 R,J spring, 1930. Small paper birch and occasional aspen within. North end of stand is more open grown and smaller. Mixed spp include: PB, W, A. Old RR grade forms portion of W. end stand boundary. This stand could be potentially treated, but there has been, and will be, extensive cutting surrounding this stand. Would be better to wait another 10 years to treat. 1997: stand 6														
11	O5	R 1	20	91	9	50	40	oak	sparse	Y	seed tree	within 0-9 years	1	natural regeneration
comnts Fmd : Stand is fairly open with oak, red and jack pine. Planted in 1930 with 2-0 R,J. Jack pine is large, limby and dying. RP noted with dead top. Remove these older trees, and release/enhance understory. Natural regen should happen, but may need some manipulating (scarify, burn); plant, if desired stocking is not achieved. There are numerous oak seedlings present (1' and under in height) - would be good to try and encourage these. Oak is only wildlife quality, but still should be managed for, as such. Paper birch present within stand - this could be left. The ORV trail runs through the stand - will be kept intact. 1997: stand 16														
Wld : leave paper birch and a few conifers														
12	J5	O 1	14	77	10	50	46	jack pine	mature	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Stand was planted w/2-0 J,R in 1930. Poorer site - some sweet fern noted within. Some younger, smaller jack pine within - seeding in? Cement monument (not survey) found along firelane (pulled out of ground). Some oak, paper birch and red pine within stand - leave when stand is harvested for diversity. The ORV runs along portions of the north end of stand - take any hazard jack pine within it's influence. 1997: stand 13														
Wld : leave oak, paper birch and Red pine														
13	W6	N 2	16		10	90	45	white pine	unevenaged	N		10-19 years	0	
comnts Fmd : Old WP stumps within stand; WP regen is 2-4" dbh. Some paper birch, oak and red maple present. Old parallel RR grades within. A European? sawfly was noted on RP bole (dark head, w/light green stripes). 1997: stand 12														
14	R5	O 2	11	5	10	40	53	red pine	two aged	N		50-59 years	0	
comnts Fmd : Sale #45-97, "Shadow Jack Pine". Stand was harvested in the summer, 1999. No FTP, due to high residual of R and O. Was previously a mixed planted stand of jack and red pine, but since the jack pine was removed, new management will be for a mix of jack/red/white pine and oak. Regeneration is diverse already - continue to monitor for success. Some sweet fern present. 1997: stand 77 (was part of stand 10 before cut)														
15	O6	N 2	40	71	7	80	45	oak	immature	N		20-29 years	0	
comnts Fmd : Stand blends into adjacent stand, so type line is quite variable. Pockets of thick white pine, with some red maple, paper birch saplings present. Some nice, straight oak, in places. Stand also includes sloping, north-facing ridge. Larger stand vs. last inventory. 1997: stand 11														
16	R6	N 1	32	76	10	80	50	red pine	immature	N		20-29 years	0	
comnts Fmd : Stand was originally planted Fall,1931 with 2-0 J,R. ORV trail runs through a few spots in stand. Mixed regeneration within, of various diameter size classes. Some WP clumps, PB clumps. Areas with good WP regeneration. Very subtle species composition changes separates this stand from the adjacent one. 1997: stand 9														
17	J6	N 1	7	76	9	80	53	jack pine	mature	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Original planting done Fall, 1931 with 2-0 J,R. Mixed spp includes: PB, O, W. Cut only jack pine; cut those within influence of ORV trail, also, as they create a hazard. Some jack pine dead and down already. Maintain integrity of ORV trail. 1997: (part of) stand 9														
Wld : leave white pine, oak and paper birch														
18	R5	R 1	29	76	10	40	45	red pine	two aged	N		20-29 years	0	
comnts Fmd : Sale #31-97-01 - "Trail Jack Pine", harvested 4/00. FTP#42-432: scarification completed 6/11/2001. Still needs regeneration check. Spotty regeneration noted of ~1 foot (R,W,J) or less in height (Oak). Original planting was completed in Fall,1931 w/2-0 R,J. Some white pine and paper birch within stand also. Future harvest of red pine (seed cut) could be done (TMP= 2), or wait on understory spp to mature (TMP= 6). 1997: stand 10														

NEWBERRY FOREST MGT UNIT

Stand Level Information

Compartment: 13

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								
19	R6	N 1	3	76	9	90	50	red pine	immature	N		10-19 years	0	
comnts Fmd : Original planting done in Fall, 1931 of 2-0 R,J. Small stand left when surrounding stands were cut. Quite a bit of good advanced regeneration, in places; delay harvest for now. 1997: (part of) stand 9														
20	W3	N 3	7	30	3	0	45	white pine	immature	N		50-59 years	0	
comnts Fmd : T. sale from late 1960's - early 70's? There is ~ 10 sq ft of O/R/W present. WP is around 25 feet in height. 1997: stand 33														
21	W5	N 2	58		10	60	45	white pine	unevenaged	N		20-29 years	0	
comnts Fmd : North end of stand is more of a W8/W9; stand diameters are fairly variable. Look to release stand in another 10-20 years. 1997: stand 32														
22	R6	N 1	21	76	10	70	50	red pine	immature	N		10-19 years	0	
comnts Fmd : Stand originally planted in Fall, 1931 with 2-0 J,R and 3-0 W. The ORV trail runs through the stand. There are some fairly open areas, with pockets of small spruce, and paper birch intermixed. Stand size is variable. 1997: stand 31,32,34														
23	W6	N 1	6	75	9	100	45	white pine	immature	N		10-19 years	0	
comnts Fmd : Bottom of hillside; nice stand of tall, straight white pine. 1997: (part of) stand 32														
24	R6	R 1	6	74	9	80	50	red pine	immature	N		10-19 years	0	
comnts Fmd : Mixed spp includes: PB,W. In the more open portions of stand, diameters are in the 12" class. 1997: (part of) stand 19														
25	W5	N 2	29		10	60	45	white pine	unevenaged	N		20-29 years	0	
comnts Fmd : Stand, in places, appears to have been planted, although there is no record of this. Area was thinned as part of t. sale #47-79A in the fall of 1979. Mixed spp includes: PB,O,J,A,BF,S. Stand has fairly open areas (30-40 sq ft) and then thicker patches (up to 90 sq ft). Some red maple clumps. 1997: stand 19														
26	W6	F 1	24		10	100	45	white pine	unevenaged	N	thinning	within 0-9 years	2	
comnts Fmd : Stand was thinned in the fall of 1979 under t. sale #47-79A. Stand could use another light thinning. Small quantities of oak,beech, red maple are present within stand. Some hemlock seen along adjacent stand boundary; not much. 1997: stand 18 Wld : leave oak, beech, red maple and hemlock														
27	W5	A 2	16		9	50	45	white pine	unevenaged	N		30-39 years	0	
comnts Fmd : Part of t. sale # 47-79A - cut fall, 1979 and # 45-91 - cut 1992. Mixed understory - aspen is ~ 24 feet in height. Other understory spp includes W,R,F. 1997: stand 17														
28	W9	F 1	13		14	90	45	white pine	unevenaged	N		10-19 years	0	
comnts Fmd : Part of t. sale #45-91, "Seven Mile Airport" - cut 1992. Old cutting evidence still visible, old lightning strikes within. Some weeviled tops to white pine, dead snags. WP up to 70 feet tall. Beech within has beech scale. Fir understory is ~ 7 - 25 feet in height; M (RM, A) saps are ~1" dbh. Ground cover of pipsissewa, club moss noted. Mixed hdwd = A,red maple, PB, beech. Mixed softwoods = BF, H. 1997: stand 23														
29	F3	M2	7	27	2	0	40	spruce-fir (uplands-including upland black spruce)	immature	N		40-49 years	0	
comnts Fmd : Mixed stand; 2"dbh balsam fir is 16-20 feet in height, 2-3" aspen is ~30 feet in height. Other spp include H,R,W,PB. Manage for continued stand diversity. 1997: stand 26														
30	A5	F 1	15	40	7	60	48	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Stand is fairly small in diameter; cut from the 1960's (#92-60?). Good mixed in the understory of aspen, maple, paper birch, white pine and balsam fir. 1997: stand 27,23														

\* 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	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								
31	B6	F1	8	64	8	80	46	aspen (upland)	mature	Y	final harvest	within 0-9 years	2	
<p>comnts Fmd : Stand contains a good quantity of non-merchantable birch; lots of PB/A dead and on the ground already. Areas with more sprout origin (clump), twisted paper birch and beech. Old E-W grade runs through stand. Some jack pine and spruce within. Stand blends/transitions into surrounding stands. Leave all red and white pine, when cut. 1997: stand 22</p> <p>Wld : leave red a white pine and a beech component</p>														
32	J6	R1	17	76	7	80	45	jack pine	mature	Y	final harvest	within 0-9 years	2	natural regeneration
<p>comnts Fmd : Stand planted F, 1931 with 2-0 R,J. Mixed spp include: paper birch and white pine. Leave red pine, although some may need to be marked for access and maneuverability. 1997: stand 21</p> <p>Wld : leave paper birch and white pine, leave red pine but can cut some for maneuverability if needed</p>														
33	R6	N1	16	76	9	80	45	red pine	immature	N		10-19 years	0	
<p>comnts Fmd : Planted F, 1931 with 2-0 R,J. Mixed spp include: A, S, PB. 1997: stand 24</p>														
34	W9	M1	36		13	90	45	white pine	unevenaged	N		10-19 years	0	
<p>comnts Fmd : Stand was prescribed for harvest last entry, although comment stated that it was "borderline as to thinning needs". Sale was "7 Mile White Pine" #51-97, which was never harvested, and sale cancelled in 2000. Old yellow marking still visible. Last entry indicated there was 20 sq ft of PB present; much of paper birch is dead/dying now, and not worth much. There is quite a bit of small paper birch in places, though. WP density is patchy; some regeneration present, but not much. Stand now combines W9 and W8 stands from last entry; will all be treated the same next time stand is thinned. 1997: stand 27,28</p>														
35	B3	F2	40	27	3	10	46	paper birch	immature	N		40-49 years	0	
<p>comnts Fmd : Stand is a mixture of F,S, W, A, PB, and red maple. Birch is ~ 25-30 feet in height. Residual red and white pine present. Some hemlock regeneration seen. The ORV trail touches a small portion of the stand. 1997: stand 29</p>														
36	B6	F2	17	62	6	70	42	paper birch	mature	Y		20-29 years	0	
<p><u>Treatment Limiting Factors:</u>                  Inadequate volume due to low stocking/small diameter/etc.                  Too steep</p> <p>comnts Fmd : Stand encompasses fairly steep north-facing ridgeline/slope. At the base of the slope, birch is fairly small with balsam fir, beech and hemlock saplings. Along top of ridge, with ORV trail influence, stand diameter is larger and more pine is mixed within. Would not recommend treating, due to the terrain. Mixed softwood spp include: spruce, jack pine, balsam fir. 1997: stand 25</p>														
37	J1	J1	40	4	0	20	50	jack pine	in process of regeneration	N		within 0-9 years	0	planting
<p>comnts Fmd : Stand harvested in 2000. TS #047-97-01, "Blood Trail Jack Pine". Scarification completed 8/2000 FTP#42-491. Red and white pine were left as residuals. Regeneration check in 5/2004 showed stocking of only 308 t/ac - plant. 1997: stand 31</p> <p>Wld : leave red and white pine</p>														
38	J5	S1	67	76	9	60	53	jack pine	mature	Y	final harvest	within 0-9 years	1	natural regeneration
<p>comnts Fmd : Stand planted in the fall, 1931 w/ 2-0 J,R. Contains portions of three stands from last entry; open-grown jack pine areas, with red pine areas, and thicker jack pine patches - treatment will be the same, though; remove jack pine, aspen and thin red pine only if necessary for maneuvering. Otherwise, leave for visual purposes. Some of the jack pine is already dead/dying; comment from 1993 supports this: "Budworm killed some trees here in the recent past. Top kill is also evident throughout this stand." Mixed spp include: S, PB, O and W. 1997: stand 34,35,36</p> <p>Wld : leave paper birch, oak, and young spruce. Some red pine can be harvested for maneuverability</p>														
39	R5	N1	10	76	9	60	50	red pine	immature	N		20-29 years	0	
<p>comnts Fmd : Old RR grade runs through stand - small aspen, birch and white pine regeneration. Records indicated planting in 1931 with mix of W,R,J - failed/low stocking. Transitions into adjacent stand(s). Good area to leave aside for diversity and visual mgmt for now. J,A and B could be harvested otherwise. 1997: stand 34</p>														

NEWBERRY FOREST MGT UNIT

Stand Level Information

Compartment: 13

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	A c r e s	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need	
				Age	D B H	Tot. BA								Site Indx
40	W9	M2	15	12	90	45	white pine	unevenaged	N		20-29 years	0		
comnts Fmd : Portion of stand planted Fall, 1931 w/3-0 W and 2-0 R,J with older white pine intermixed throughout (tall WP). Pocket of hemlock along ORV trail. Understory varies from M2/B2 to F1-F2, H1, W1-W2. Mixed softwood spp include: H,R,J. 1997: stand 34														
41	R9	N1	46	76	13	110	50	red pine	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Planted fall, 1931 w/ 2-0 R,J. Some older red and white pine present also. Mixed hardwood includes: A,B Rolling terrain. 1997: stand 34,40,44														
Wld : leave white pine, birch														
42	J5	N1	19	76	9	60	45	jack pine	mature	Y	final harvest	within 0-9 years	2	natural regeneration
comnts Fmd : Stand includes frost pocket/depression. Leave red and white pine. 1997: stand 38														
Wld : leave red and white pine														
43	R8	N2	4		12	50	45	red pine	unevenaged	N		10-19 years	0	
comnts Fmd : Small paper birch within; also spruce clumps. 1997: stand 39														
44	W5	S2	5		10	60	45	white pine	unevenaged	N		10-19 years	0	
comnts Fmd : Small hillside stand within rolling terrain with heavy spruce component. Weeviled WP. Mixed spp include: A,H,R. 1997: stand 40														
45	W6	F2	12		10	80	45	white pine	unevenaged	N		10-19 years	0	
comnts Fmd : Open grown WP, spruce with some red pine - edges fairly thick with WP. Some fork tops, dead tops on WP. Spruce pockets. Interior WP tall and straight. Stand includes N/S frost pocket depression along NE side. Mixed softwood spp includes: J,WS, BF, H. 1997: stand 44														
46	B5	F2	27	60	6	50	46	paper birch	low quality	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u> Inferior quality														
comnts Fmd : Low quality B stand; lots of dead, lots of defects. Mast tree quality beech within - limby with scale. Red maple saps and poles present. Mistletoe noted on RP. Old charred white pine stumps readily visible. The ORV trail passes through stand in two places. Mixed spp include: W, beech, WS, BS, red maple, R. 1997: stand 41														
47	B3	F2	3	29	3	10	46	paper birch	immature	N		30-39 years	0	
comnts Fmd : Transition stand w/ H and small saplings - slopes into frost pocket stand. Charred WP stumps present. 1997: stand 42														
48	F2	N1	5	29	2	20	35	spruce-fir (uplands-including upland black spruce)	immature	N		60-69 years	0	
comnts Fmd : Frost pocket. Higher ground edges with more open-grown W,R; some J,S. S/F is ~ 20-30 feet in height; WP regeneration is ~ 5-10 feet in height. Spruce clumps. 1997: stand 43														
49	R6	N1	5	67	8	90	50	red pine	immature	N		20-29 years	0	
comnts Fmd : Small stand of pine with ORV trail running through. 1997: N/A														
50	W5	N2	5	65	9	40	45	white pine	two aged	N		40-49 years	0	
comnts Fmd : ORV trail runs through stand. A few larger, older WP within; stand also includes red maple. Smaller WP is 3-4" dbh. 1997: stand 44/30														
51	R5	N2	5	67	9	50	45	red pine	immature	N		30-39 years	0	
comnts Fmd : Part of G stand in 1987 - partial frost pocket. Transitions into adjacent stand. ORV trail runs through stand. 1997: stand 44														

NEWBERRY FOREST MGT UNIT

Stand Level Information

Compartment: 13

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	Age	A c r e s	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA	Site Indx							
52	B5	F2	27	69	7	50	46	paper birch	low quality	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
No market for species/product														
comnts Fmd : Very mixed stand. Low quality birch - stand condition hasn't changed much since last inventory. Wildlife quality beech only - contains scale. Mixed softwood includes: R, W, H, S, F. Mixed hardwood includes: beech, red maple. 1997: stand 45														
53	W7	F2	4		11	30	45	white pine	unevenaged	N		30-39 years	0	
comnts Fmd : Both red maple and paper birch regen present; weeviling on the WP. 1997: stand 30,43														
54	B3	F2	20	27	3	20	46	paper birch	immature	N		30-39 years	0	
comnts Fmd : Area was cutover in 1975-77; mixed regeneration. Mixed hdwds include: RM,PB, beech. PB regeneration is ~ 30 feet in height, while spruce/fir is ~ 2" dbh and 20 feet in height. Portion of stand transitions into clump red maple, paper birch with open-grown pine. 1997: stand 46,47														
55	R6	N2	21		8	70	50	red pine	unevenaged	N		10-19 years	0	
comnts Fmd : Stand is a mix of red and white pine with small paper birch and aspen. Regeneration varies from W2 to R2 - R1 - F1, in places. A few jack pine within. Variable size to the red pine. The ORV trail runs through the stand. 1997: stand(s) 48,49														
56	J6	F1	28	66	7	70	46	jack pine	immature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Delayed treatment for age/size class diversity														
comnts Fmd : Lots of smaller jack pine within; scattered large white and red pine. Some aspen, spruce present. 1997: stand(s) 63,48														
57	J5	J2	12	27	6	50	45	jack pine	immature	N		30-39 years	0	
comnts Fmd : Portion of stand was typed out as G stand in 1987; small frost pocket with JP. Limby jack pine and weeviled WP. Mixed softwoods include: spruce, fir and red pine. ORV trail runs through the stand. W. side of firelane contains a higher component of F/S understory. 1997: stand 38,46														
58	F2	N1	14	10	1	0	40	spruce-fir (uplands-including upland black spruce)	immature	N		50-59 years	0	
comnts Fmd : Area was burned in Sept., 1991 (Fire report Luce #7 - "Muskallonge Lake Fire"). Report indicated fairly heavy torching of spruce/fir timber and dry conditions. Last inventory done in 1993 indicated no regeneration. As of Fall, 2004, mixed regen noted: S/F ~ 3 - 6 feet in height, and R,W ~ 7 feet in height.. Edge jack pine is ~ 12 feet tall. Some red maple sprouts within. Dead WP,RP overstory - seed source. 1997: stand 54														
59	F3	M1	50	30	4	30	40	spruce-fir (uplands-including upland black spruce)	immature	N		30-39 years	0	
comnts Fmd : Area was harvested in 1975-77; mixed regeneration from 10 - 30 feet in height. Residual pine from cut. Mixed spp include: PB, WS, R. 1997: stand 46														
60	B5	F2	7	57	6	50	40	paper birch	immature	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u>														
Inadequate volume due to low stocking/small diameter/etc.														
comnts Fmd : Stand comprised of slope/ridge; small clumps of birch. 1997: stand 52														
61	J6	N1	80	67	7	80	40	jack pine	immature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Delayed treatment for age/size class diversity														
comnts Fmd : Mixed planting of W,J,R; N. half of stand was planted Sp, 1940 and S. half in Sp, 1937 with 2-0 W,J and 3-0 R. N. portion of stand is definitely smaller - wait another 10 years to treat. Some aspen, birch pockets within. 1997: stand(s) 51,58														

**NEWBERRY FOREST MGT UNIT**

**Stand Level Information**

**Compartment: 13**

**Entry Year: 2007**

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

Stand ID	Cover Type-Dnsty	Under Story-Stkng Level	Age	A c r e s	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA	Site Indx							
62	R9	N 1	19		12	100	50	red pine	unevenaged	N	shelterwood-seed	within 0-9 years	2	natural regeneration
<p>comnts Fmd : Stand contains both birch and aspen; harvest to encourage regeneration patches of both. Thin red pine to improve quality of residual trees and encourage new regeneration. Mixed sps include: aspen, white pine. 1997: stand(s) 56,55</p> <p>Wld : leave oak and white pine</p>														
63	S5	S 2	6	65	8	60	40	black spruce-swamp	immature	N		10-19 years	0	
<p>comnts Fmd : Low ground. 1997: stand 55</p>														
64	J6	N 1	42	70	9	80	43	jack pine	mature	Y	final harvest	within 0-9 years	1	natural regeneration
<p>comnts Fmd : Stand is comprised of planted and natural pine; planting done Sp, 1937 w/ 2-0 W,J and 3-0 R. Thin red pine, where needed, to enhance regeneration. A fair amount of white pine established (1-2" dbh and 20 feet tall), in places already. Manage for mixed species. 1997: stand(s) 51,56,55</p> <p>Wld : leave oak, paper birch, and white pine</p>														
65	B6	N 2	10		6	100	46	paper birch	two aged	N		10-19 years	0	
<p>comnts Fmd : Stand was previously typed out as part of a W6 stand, but stand was treated in the past, as areas with small diameter paper birch indicate. Most likely part of a selection cut, with open areas converting to birch. Good mix of white and red pine, though, and long term management should be for these species. Understory is heavy to WP, and in other areas, change to F understory (within heavier pine zones). Mixed hardwood includes: aspen, red maple. 1997: (part of) stand 55.</p>														
66	R6	N 1	6		10	70	50	red pine	unevenaged	N	shelterwood-seed	within 0-9 years	2	
<p>comnts Fmd : Small paper birch and aspen within. Planting records indicate site was planted in Sp, 1937 with J,W (2-0),R (3-0), but some of the larger pine is a residual from earlier harvesting, and planting was in and around them. Remove older jack pine, aspen, and mark a few red/white pine for equipment maneuvering, if needed. Harvest with adjacent stand. 1997: stand 55</p> <p>Wld : leave paper birch, and white pine except for maneuverability.</p>														
67	R6	N 1	10		10	70	50	red pine	nonstocked	N		10-19 years	0	
<p>comnts Fmd : Road stand - slight ridge of timber with more aspen/birch mixed within than surrounding JP stand. 1997: stand 57</p>														
68	R9	N 2	20		12	70	50	red pine	unevenaged	N		10-19 years	0	
<p>comnts Fmd : Stand contains more aspen, birch than surrounding stand. Mixed softwood includes: white pine, balsam fir. Areas with good white pine understory. 1997: stand 57</p>														
69	R8	J 3	72	67	12	40	50	red pine	two aged	N		20-29 years	0	
<p>comnts Fmd : "The Casper Sale" #29-97. Harvested July - Sept., 2000. FTP 42-537 :scarification completed 8/2001. Regeneration check done 5/2004 ; stocking of 1,440 t/ac of mixed regen (J,W,M,F,R). Thin residual red and white pine in another 20 years; check status of established regen then for M.O. Stand was originally planted spring, 1940 with W,R,J mix. 1997: stand(s) 59,73,75</p>														
70	R6	F 2	5	75	10	80	45	red pine	immature	N		10-19 years	0	
<p>comnts Fmd : Small patch of pine left from adjacent cut. Some hemlock present. Mixed hardwood includes: PB, red maple. 1997: stand 74</p>														
71	M9	F 1	29		14	100	45	hemlock	unevenaged	N	selection	within 0-9 years	3	
<p><u>Treatment Limiting Factors:</u> Inferior quality</p> <p>comnts Fmd : "How to Hardwoods" sale #037-97. Sale never sold last time around; poor hardwood markets. Lots of beech scale within stand now - a lot of dead/dying - barely marketable (large pulp). Let stand convert to H/W type; leave occasional beech for mast trees (as long as they live). Soils are rubicon - organic phase. 1997: stand 71</p> <p>Wld : leave all hemlock and oak and a beech component</p>														

NEWBERRY FOREST MGT UNIT

Stand Level Information

Compartment: 13 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. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA	Site Indx							
72	R8	F1	1	66	12	50	50	red pine	two aged	N		20-29 years	0	
comnts Fmd : Part of t. sale #04-01 "Knotched Stump Pine", cut Fall, 2001. FTP 42-540: scarified 7/2002. No regeneration check as of yet. Thin pine again in another 10-20 years, and then let new regeneration determine M.O.														
73	M6	F2	9		8	90	50	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : Mixed species include: beech, white and red pine, red maple. Soils are rubicon - organic phase. 1997: stand 69														
74	R6	F2	14		10	80	45	red pine	unevenaged	N	shelterwood-seed	within 0-9 years	2	natural regeneration
comnts Fmd : Stand contains jack pine with larger RP and WP. Understory fairly thick with F, in places. A component of S/F within, which should be harvested also. Weeviling present on larger WP. 1997: stand 68														
Wld : leave white pine except for maneuverability issues														
75	J6	N1	19	60	8	70	46	jack pine	mature	Y	final harvest	within 0-9 years	2	natural regeneration
comnts Fmd : More open-grown stand than adjacent jack pine types. 1997: stand 61														
Wld : leave white pine														
76	J5	J1	19	37	7	40	43	jack pine	immature	N		10-19 years	0	
comnts Fmd : Small jack pine mixed within. Natural frost pocket seeding in with jack pine - some spots appear to have been planted, but no record of this. 1997: stand 50														
77	R6	R2	10	66	8	70	50	red pine	immature	N		20-29 years	0	
comnts Fmd : ORV trail runs through stand. Good size to R2 understory (3 - 4" dbh). 1997: stand 63														
78	R6	N1	35	73	9	90	45	red pine	immature	N	shelterwood-seed	within 0-9 years	2	
comnts Fmd : Stand contains more birch and jack pine; B/A is in patches. Most of the birch is smaller and could be left within the stand, for diversity. The ORV trail crosses a small portion of the stand. 1997: stand 62														
Wld : leave white pine and birch														
79	W8	M3	8	78	14	40	45	white pine	two aged	N		30-39 years	0	
comnts Fmd : Comment from 1997: "Stand was essentially clearcut in 1978 - BF, RM and PB came back." Mixed species include: A,S,PB,BF. Some hemlock and beech. Fir regeneration is ~ 30 feet in height and 2-3" dbh; maple, aspen, WP regen is ~ 1-2" dbh. 1997: stand 64														
80	R6	N1	11		7	70	45	red pine	unevenaged	N	seed tree	within 0-9 years	2	natural regeneration
comnts Fmd : Stand is primarily a long, slope/sidehill; smaller jack pine. 1997: stand 65														
81	F5	S2	3	65	8	60	40	spruce-fir (uplands-including upland black spruce)	immature	Y		20-29 years	0	
Treatment Limiting Factors: Too steep Inadequate volume due to low stocking/small diameter/etc.														
comnts Fmd : Long steep slope/valley which surrounds small marsh pocket. Frost pocket also. Mixed species include: WP, PB. 1997: stand 65														
82	N0	N0	1			0		marsh	nonstocked	N		not scheduled	0	

**NEWBERRY FOREST MGT UNIT**

**Stand Level Information**

**Compartment: 13**

**Entry Year: 2007**

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

S t a n d	Cover Type- Size Dnsty	Under Story- Stkng Level	A c r e s	Age	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA	Site Indx							
83	H9	F1	9		17	80	45	hemlock	unevenaged	N		not scheduled	0	
comnts Fmd : Stand previously typed out as an M stand, but did note hemlock type within. Most hardwood is mast quality only; beech has beech scale, yellow birch is large and defective. Some hemlock regeneration noted. Steep sidehill stand, which creates difficult access and working site. Ground cover noted includes: club moss, pipsissewa. Soils are rubicon, but with an organic surface phase. 1997: stand 66														
84	F3	H1	16	14	2	20	40	spruce-fir (uplands- including upland black spruce)	immature	N		50-59 years	0	
comnts Fmd : "Seven Mile Birch" sale #12-89 - cut 8/1989. All hemlock, pine were left. Stand is now regenerating to primarily S/F, although some H is present, as well as red maple, paper birch. Soils are rubicon - organic surface phase. 1997: stand 67.														
85	H8	F2	14	14	13	50	40	hemlock	two aged	N		40-49 years	0	
comnts Fmd : "Seven Mile Birch" sale #12-89 - cut 8/1989. All hemlock, pine were left (as seed/shelterwood cut). Stand understory is now regenerating to primarily S/F, with some H is present, as well as red maple, paper birch. Soils are rubicon - organic surface phase. 1997: stand 67.														
<b>Total Acres.....</b>			<b>1899</b>											