

CRYSTAL FALLS FOREST MGT UNIT

Stand Level Information

Compartment: 70

Entry Year: 2009

* 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	Acrs	Age	avg. D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
1	M 6	F 3	24	27	8	70	55	northern hardwood	immature	N		20-29 years	0	
comnts Fmd : In 1980 spruce and fir was harvested. Now it has scattered Red Maple, Cedar and a general mix of species that can grow in the cracks of this big rock.														
3	C 6	F 1	16	82	7	130	50	cedar	immature	N		80+ years	0	
4	M 6	F 2	12	74	8	90	50	northern hardwood	immature	N		10-19 years	0	
comnts Fmd : Steep North slope. Spruce and fir cut in 1980.														
5	C 6	F 1	29	82	7	100	50	cedar	immature	N		80+ years	0	
6	R 9	W 1	49	74	12	90	50	red pine	immature	N		20-29 years	0	
7	A 3	A 1	15	27	3	0	55	aspen (upland)	immature	N		40-49 years	0	
8	L 0	L 0	1	74	0	0	50	lowland brush	immature	N		80+ years	0	
9	C 6	F 1	3	82	7	100	50	cedar	immature	N		80+ years	0	
10	L 0	L 0	1	74	0	0	50	lowland brush	immature	N		80+ years	0	
11	L 0	L 0	3	74	0	0	50	lowland brush	immature	N		80+ years	0	
12	R 9	W 1	62	74	14	80	50	red pine	immature	N		not scheduled	0	
comnts Fmd : Special conservation area bordering the Sturgeon River. This stand is on a big rock shield with ubiquitous bluffs and cliffs. Typing requires some generalization.														
13	A 3	A 1	5	4	1	0	55	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : This was an effort to harvest between the rocks. Regeneration is spotty and much of the site is wet. Soils are very thin.														
14	R 6	M 2	2	74	10	180	50	red pine	immature	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u>														
Too steep														
Too wet														
comnts Fmd : Small patches of Red Pine probably were seeded following fires. Extremely rough ground.														

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15	L 0	L 0	2	74	0	0	50	lowland brush	immature	N		80+ years	0	
16	Q 6	F 1	15	82	7	110	50	mixed swamp conifer	immature	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Too steep Too wet</p> <p>comnts Fmd : Special conservation area bordering the Sturgeon River.This is a sloping, perched wetland type that occurs on rock.</p>														
17	Q 6	F 1	11	82	7	100	50	mixed swamp conifer	immature	Y		80+ years	0	
<p><u>Treatment Limiting Factors:</u> Water quality/bmps Influence zones</p> <p>comnts Fmd : This is a river corridor. It has scattered pine growing between the rock.</p>														
18	R 9	W 1	5	74	12	90	50	red pine	immature	N		20-29 years	0	
19	A 6	F 1	5	64	9	80	72	aspen (upland)	mature	Y		20-29 years	0	
<p><u>Treatment Limiting Factors:</u> Too steep Too wet</p> <p>comnts Fmd : This stand is mostly comprised of soil deposition areas between the rocks. It is very rugged. Equipment would be unlikely able to get to it and much soil damage would likely be the result of a harvest effort.</p>														
20	R 9	W 1	2	74	14	130	50	red pine	immature	N		not scheduled	0	
<p>comnts Fmd : Special conservation area bordering the Sturgeon River. This stand is on a big rock. The Pine is very dense.</p>														
21	R 6	W 1	28	74	10	80	50	red pine	immature	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Influence zones</p> <p>comnts Fmd : Special conservation area bordering the Sturgeon River.This stand is thick pine on the river.</p>														
22	R 6	W 1	7	74	10	100	50	red pine	immature	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Too steep Influence zones Too wet</p> <p>comnts Fmd : Special conservation area bordering the Sturgeon River.This stand is a river corridor.</p>														
23	E 6	E 1	1	67	7	90	52	swamp hardwoods	immature	N		not scheduled	0	
<p>comnts Fmd : Special conservation area bordering the Sturgeon River.</p>														
24	A 9	F 2	12	87	14	70	55	aspen (upland)	mature	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Blocked by other physical obstacle Too steep</p> <p>comnts Fmd : Special Conservation Area. BORDERED BY WING DAM CREEK AND STURGEON RIVER.</p>														

Stand	Cover Type- Dnsty	Under Story- Stkng Level	A c r e s	Age	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA								

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25 A 9 F 2 10 87 14 70 55 aspen (upland) mature Y not scheduled 0

Treatment Limiting Factors:

Blocked by other physical obstacle
Too steep

comnts Fmd : Special conservation area. BORDERED BY WING DAM CREEK AND STURGEON RIVER.

26 M 6 M 1 7 9 120 60 northern hardwood unevenaged Y 20-29 years 0

Treatment Limiting Factors:

Too steep

comnts Fmd : In 2003 marked and sold as Nolon sale, but too rough to cut.

27 W 9 F 1 114 87 18 90 56 white pine mature N 10-19 years 0

comnts Fmd : Patches of aspen were cut in 2003, but the site is so rugged only part of the sale was completed. Considerable wind damage in valleys that face west to funnel the winds. Some large pine were broken off and many of the old aspen went down.

28 L 0 L 0 3 74 0 0 50 lowland brush immature N 80+ years 0

29 E 6 E 1 28 67 7 90 52 swamp hardwoods immature N not scheduled 0

comnts Fmd : Special conservation area bordering the Sturgeon River.

30 M 6 M 1 8 9 90 60 northern hardwood unevenaged N 10-19 years 0

31 W 9 F 1 32 87 18 90 56 white pine mature N not scheduled 0

comnts Fmd : Special conservation area bordering the Sturgeon River. Patches of aspen were cut in 2003, but the site is so rugged only part of the sale was completed.

32 R 9 W 1 4 74 14 130 50 red pine immature N not scheduled 0

comnts Fmd : Special conservation area bordering the Sturgeon River. This stand is on a big rock. The Pine is very dense.

33 R 9 F 3 61 77 16 90 55 red pine immature N not scheduled 0

comnts Fmd : Special conservation area bordering the Sturgeon River. RED PINE IN SMALL SCATTERED STANDS, WHITE PINE THROUGHOUT. R9/W7

34 L 0 L 0 6 74 0 0 50 lowland brush immature N 80+ years 0

35 A 3 A 1 11 8 1 0 55 aspen (upland) immature N 30-39 years 0

comnts Fmd : There is a fairly high residual of pine and other conifers.

36 W 9 F 1 7 87 18 90 56 white pine mature N 10-19 years 0

comnts Fmd : Part of a drainage area.

37 M 6 F 3 9 27 8 70 55 northern hardwood immature N 20-29 years 0

comnts Fmd : Bluff with mixed types.

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					D	Tot. BA								
38	L 0	L 0	3	74	0	0	50	lowland brush	immature	N		not scheduled	0	
comnts Fmd : Special conservation area bordering the Sturgeon River.														
39	L 0	L 0	4	74	0	0	50	lowland brush	immature	N		80+ years	0	
40	A 6	F 1	7	64	9	120	72	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	
comnts Fmd : This stand is on a hill on the North side of a creek. It is almost all Bigtooth Aspen. It has White Pine regen moving into the stand. Retain some large aspen and all of the White Pine.														
41	W 3	W 1	5	8	1	0	55	white pine	immature	N		30-39 years	0	
comnts Fmd : This is a steep hillside of pine regen.														
42	Q 6	F 1	8	82	7	110	50	mixed swamp conifer	immature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Too steep														
Too wet														
comnts Fmd : Special conservation area bordering the Sturgeon River. This is a creek corridor in a deep valley.														
43	E 6	E 1	7	67	7	90	52	swamp hardwoods	immature	N		not scheduled	0	
comnts Fmd : Special conservation area bordering the Sturgeon River.														
44	C 6	F 1	83	82	7	140	50	cedar	immature	N		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Too steep														
Too wet														
comnts Fmd : This is a Special conservation area river corridor on the Sturgeon river.														
45	A 6	E 2	21	64	10	80	62	aspen (upland)	mature	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u>														
Deer yards														
Too steep														
comnts Fmd : This is a rugged little valley that is the road course. It is very rocky and perches water all over. Some of the aspen is very large, but much of it has blown down in a recent wind event.														
46	W 9	M 2	40	87	18	110	56	white pine	mature	N		not scheduled	0	
comnts Fmd : Special conservation area bordering the Sturgeon River.														
47	L 0	L 0	29	74	0	0	50	lowland brush	immature	N		80+ years	0	
48	Q 6	F 1	37	82	7	110	50	mixed swamp conifer	immature	Y		80+ years	0	
<u>Treatment Limiting Factors:</u>														
Too steep														
Too wet														
comnts Fmd :														

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					B	Tot. BA								
49	M 6	M 1	9		9	110	60	northern hardwood	unevenaged	N		20-29 years	0	
<p><u>Treatment Limiting Factors:</u> Deer yards Too steep</p>														
50	W 9	M 3	123	87	16	120	56	white pine	mature	N		10-19 years	0	
51	W 9	M 3	58	87	16	120	56	white pine	mature	N		10-19 years	0	
52	M 6	M 1	15		9	120	60	northern hardwood	unevenaged	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Existing bridge out or unsafe Too steep</p> <p>comnts Fmd : This stand was scheduled for a thin in 2003, but was uncut from the Wing Dam sale due to a hawk's nest. Access is questionable from the North over private land and a bridge on the Sturgeon River. Retain den trees, scattered old aspen, if present, and pines and cedar if present.</p>														
53	Q 6	F 1	11	82	7	110	50	mixed swamp conifer	immature	Y		80+ years	0	
<p><u>Treatment Limiting Factors:</u> Too steep Too wet</p> <p>comnts Fmd :</p>														
54	M 6	M 1	8		9	80	60	northern hardwood	unevenaged	N		20-29 years	0	
<p>comnts Fmd : The North end is cliff like with poor hardwood. The quality improves toward the center and to the south it grades down to a cedar, hemlock, hardwood mix. Stand was thinned in 2003</p>														
55	A 3	A 1	15	6	1	0	55	aspen (upland)	immature	N		30-39 years	0	
56	A 3	A 1	54	6	1	0	55	aspen (upland)	immature	N		30-39 years	0	
57	W 9	M 3	20	87	16	120	56	white pine	mature	N		10-19 years	0	
58	Q 6	F 1	80	82	7	110	50	mixed swamp conifer	immature	Y		80+ years	0	
<p><u>Treatment Limiting Factors:</u> Too steep Too wet</p> <p>comnts Fmd :</p>														
59	R 9	M 1	29	77	10	120	55	red pine	old growth (potential or actual)	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Too steep</p> <p>comnts Fmd : This stand covers a big rock bluff with cliffs to the south and east. Special conservation area for deer yards..</p>														

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					D B H	Tot. BA								
60	E 6	E 1	8	67	7	90	52	swamp hardwoods	immature	N		20-29 years	0	
61	W 9	M 3	9	87	16	120	56	white pine	mature	N		10-19 years	0	
62	W 9	M 3	37	87	16	120	56	white pine	mature	N		10-19 years	0	
63	R 9	W 1	5	74	14	130	50	red pine	immature	N		20-29 years	0	
comnts Fmd : This stand is on a big rock. The Pine is very dense.														
64	E 6	E 1	13	67	7	90	52	swamp hardwoods	immature	N		20-29 years	0	
65	C 6	F 1	3	82	7	140	50	cedar	immature	N		80+ years	0	
<u>Treatment Limiting Factors:</u>														
Too steep														
Too wet														
66	W 9	M 3	51	87	16	100	56	white pine	mature	N		10-19 years	0	
67	W 9	M 3	7	87	16	100	56	white pine	mature	N		10-19 years	0	
68	L 0	L 0	41	74	0	0	50	lowland brush	immature	N		80+ years	0	
69	A 3	A 1	4	6	1	0	55	aspen (upland)	immature	N		30-39 years	0	
70	Q 6	F 1	14	82	7	110	50	mixed swamp conifer	immature	Y		80+ years	0	
<u>Treatment Limiting Factors:</u>														
Too steep														
Too wet														
comnts Fmd :														
71	A 3	A 1	17	23	3	0	60	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : There are springs and a high water table making the regeneration patchy. The cedar that was left as residual is blown down.														
72	A 6	E 2	4	64	10	70	62	aspen (upland)	mature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Too steep														
comnts Fmd : Special conservation area bordering the Sturgeon River. This stand is on a North facing steep and deep slope. Portions of the aspen have been cut where the topo allowed.														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	Age	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
73	L 0	L 0	5	74	0	0	50	lowland brush	immature	N		80+ years	0	
74	M 6	M 1	10		9	160	60	northern hardwood	unevenaged	Y	selection	within 0-9 years	1	
comnts Fmd : Retain pines , cedar, oak and good den trees, if present.														
75	L 0	L 0	15	74	0	0	50	lowland brush	immature	N		80+ years	0	
76	F 3	A 1	8	27	4	0	55	spruce-fir (uplands-including upland black spruce)	immature	N		40-49 years	0	
comnts Fmd : Steep North Facing rocky face with mixed conifers of various ages.														
77	R 9	F 3	7	77	16	90	55	red pine	immature	N		not scheduled	0	
comnts Fmd : Special conservation area bordering the Sturgeon River. Mixed Pine of all ages.														
78	A 3	A 1	3	8	1	0	55	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : There is a fairly high residual of pine and other conifers.														
79	A 3	A 1	49	27	4	0	55	aspen (upland)	immature	N		40-49 years	0	
80	W 9	M 2	29	87	18	110	56	white pine	mature	N		not scheduled	0	

Total Acres..... 1615