

CRYSTAL FALLS MGT UNIT

Stand Level Information

Compartment: 79

Entry Year: 2007

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. DBH		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
1	F2	G0	5	5	1	0	55	spruce-fir (uplands-including upland black spruce)	immature	N		30-39 years	0	
2	L0	G0	14				0	lowland brush	nonstocked	N		not scheduled	0	
3	C6	F1	147	80	8	130	40	cedar	immature	N		10-19 years	0	
4	A2	G0	3	5	1	0	55	aspen (upland)	immature	N		40-49 years	0	
5	A6	G0	14	40	6	90	60	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : large dbh red pine inclusion and some scattered throughout														
6	A6	G0	9	40	6	90	60	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : large dbh red pine inclusion and some scattered throughout														
7	C6	F1	11	80	9	100	45	cedar	immature	N		10-19 years	0	
8	L0	G0	13				0	lowland brush	nonstocked	N		not scheduled	0	
9	A4	F1	95	28	5	30	60	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : Merriman ski trail through this stand; moving into A6 from A3														
10	A5	A3	9	31	7	50	57	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : Merriman ski trail on either side of stand														
11	R6	F2	98	65	10	100	60	red pine	mature	N		10-19 years	0	
12	A5	A3	25	40	6	50	58	aspen (upland)	immature	N		10-19 years	0	
13	R6	F2	31	45	8	100	60	red pine	immature	N		10-19 years	0	
14	A6	F3	9	47	7	70	60	aspen (upland)	immature	N		10-19 years	0	

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					B H	Tot. BA								
15	A3	G0	11	5	1	0	60	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : Cut in 2000 -Budzilla sale														
16	M9	M1	32			12	80	60	northern hardwood	unevenaged	N		10-19 years	0
comnts Fmd : Thinned in 2005														
17	F5	F3	7	40	6	50	55	spruce-fir (uplands-including upland black spruce)	immature	N		10-19 years	0	
18	C6	C2	6	95	7	230	40	cedar	immature	N		10-19 years	0	
19	A3	G0	17	15	3	0	58	aspen (upland)	immature	N		20-29 years	0	
20	A3	F2	21	27	3	0	58	aspen (upland)	immature	N		20-29 years	0	
21	B6	F2	118	70	9	90	60	paper birch	mature	Y	seed tree	within 0-9 years	1	
comnts Fmd : There are some rock outcrops here that may not be cuttable, thereby leaving some acres uncut; pre-review 8-15-05: mark birch reserve trees throughout; leave 3 stick and less spruce; reserve WP, RP, cedar, oak, hemlock; protect trail = no winter harvest, no slash left on trail or within 20'; have logger scarify where possible; a nest tree is flagged in yellow and written "Do Not Cut" on it (see Monica for GPS coord); also avoid swale (GPS coord from Monica); will accept aspen/fir as alternative regeneration. We will scarify after harvesting														
22	A3	G0	38	6	1	0	60	aspen (upland)	immature	N		40-49 years	0	
23	A3	G0	16	6	1	0	60	aspen (upland)	immature	N		40-49 years	0	
24	A3	G0	20	15	2	0	58	aspen (upland)	immature	N		40-49 years	0	
25	R6	A1	86	45	10	110	60	red pine	immature	N		10-19 years	0	
26	A6	A2	7	37	6	70	55	aspen (upland)	immature	N		10-19 years	0	
27	R6	F1	22	45	8	90	60	red pine	immature	N		10-19 years	0	

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					B	Tot. BA								
28	A3	G0	9	5	1	0	60	aspen (upland)	immature	N		10-19 years	0	
29	A5	A2	8	40	6	60	60	aspen (upland)	immature	N		10-19 years	0	
30	C6	F1	3	99	8	170	45	cedar	immature	N		10-19 years	0	
31	A3	G0	7	5	1	0	60	aspen (upland)	immature	N		10-19 years	0	
32	A3	G0	21	5	1	0	60	aspen (upland)	immature	N		10-19 years	0	
33	A6	A2	10	40	7	80	60	aspen (upland)	immature	N		10-19 years	0	
34	A3	G0	15	5	1	0	60	aspen (upland)	immature	N		10-19 years	0	
35	R6	G0	63	38	10	90	60	red pine	immature	N		20-29 years	0	
36	R5	A3	16	45	8	60	60	red pine	immature	N		within 0-9 years	0	planting
comnts Fmd : Suggest underplanting white pine in aspen														
37	R9	F3	3	85	16	120	60	red pine	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Other special wildlife habitat consideration (desc. In comments)														
comnts Fmd : Unique island in swamp type, adds diversity														
38	A3	G0	5	27	4	0	58	aspen (upland)	immature	N		10-19 years	0	
39	R9	F3	3	85	16	120	60	red pine	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Other special wildlife habitat consideration (desc. In comments)														
comnts Fmd : Unique island in swamp type, adds diversity														
40	R4	A3	20	45	7	20	60	red pine	immature	N		within 0-9 years	0	planting
comnts Fmd : STAND THINNED IN 2001 ASYLUM PINE, REMOVED ALL ASPEN; Suggest underplanting white and/or red pine in aspen (3/05 DG)														

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					B H	Tot. BA								
41	R9	F1	6	85	16	100	60	red pine	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u>                      Delayed treatment for age/size class diversity                      Rare or unique land forms</p>														
comnts Fmd : retained because BA does not indicate thinning is necessary and there is not much mature red pine in the area														
42	L0	G0	2			0		lowland brush	nonstocked	N		not scheduled	0	
43	F6	F1	39	57	10	90	60	spruce-fir (uplands-including upland black spruce)	mature	Y	final harvest	within 0-9 years	1	
comnts Fmd : pre-review 8-15-05: reserve WP, avoid ash drainage														
44	L0	G0	4			0		lowland brush	nonstocked	N		not scheduled	0	
45	A6	A2	72	45	6	80	58	aspen (upland)	immature	N		10-19 years	0	
46	L0	G0	40			0		lowland brush	nonstocked	N		not scheduled	0	
47	F6	F2	21	55	11	110	60	spruce-fir (uplands-including upland black spruce)	mature	Y	final harvest	within 0-9 years	1	
comnts Fmd : summer log tree length (OJ); pre-review 8-15-05: stay on upland, away from floodplain; keep conifer as buffer in floodplain; reserve WP, may cut RP														
48	R5	A2	42	45	6	40	60	red pine	immature	N		within 0-9 years	0	planting
49	R9	R2	51		12	70	60	red pine	mature	N		10-19 years	0	
comnts Fmd : SNOSHOO PINE 2, THINNED IN 2000														
50	L0	G0	1			0		lowland brush	nonstocked	N		not scheduled	0	
51	L0	G0	2			0		lowland brush	nonstocked	N		not scheduled	0	
52	L0	G0	6			0		lowland brush	nonstocked	N		not scheduled	0	

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				Age	D B H	Tot. BA								
53	Z0	Z0	5			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : MOON LAKE														
54	R6	A2	13	50	11	80	60	red pine	immature	N		10-19 years	0	
55	A3	G0	32	17	2	0	60	aspen (upland)	immature	N		10-19 years	0	
56	F6	F2	6	49	10	90	55	spruce-fir (uplands-including upland black spruce)	immature	N		10-19 years	0	
57	E6	E2	17	80	7	80	46	swamp hardwoods	immature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Water quality/bmps Too wet														
58	E6	M1	27	85	10	180	50	swamp hardwoods	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Water quality/bmps Too wet Rare or unique land forms														
comnts Fmd : ALONG STURGEON RIVER; NOT MANY LOWLAND HARDWOOD TYPES IN THE AREA														
59	F6	F1	29	55	10	110	50	spruce-fir (uplands-including upland black spruce)	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : THERE IS A DRAINAGE THROUGH THIS STAND AND WATER TABLE IS CLOSE TO SURFACE														
60	A4	K0	3	47	8	40	60	aspen (upland)	mature	N		10-19 years	0	
61	A6	F1	55	50	10	140	60	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	
comnts Fmd : pre-review 8-15-05: leave smaller conifer as buffer along river in floodplain														
62	L0	G0	34			0		lowland brush	nonstocked	N		not scheduled	0	
63	A3	G0	64	15	2	0	60	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : PREOWNED SALE, CUT 1990														
64	A3	G0	20	25	3	0	60	aspen (upland)	immature	N		10-19 years	0	

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					B	Tot. BA								
65	R6	F1	9	45	8	90	60	red pine	immature	N		10-19 years	0	
66	A6	A2	1	40	7	80	60	aspen (upland)	immature	N		10-19 years	0	
400	G0	G0	2			0		grass	nonstocked	N		10-19 years	0	
401	G0	G0	1			0		grass	nonstocked	N		10-19 years	0	
402	G0	G0	1			0		grass	nonstocked	N		10-19 years	0	
403	G0	G0	1			0		grass	nonstocked	N		10-19 years	0	
404	G0	G0	3			0		grass	nonstocked	N		10-19 years	0	
405	G0	G0	1			0		grass	nonstocked	N		10-19 years	0	
406	G0	G0	1			0		grass	nonstocked	N		10-19 years	0	
407	G0	G0	2			0		grass	nonstocked	N		10-19 years	0	
408	G0	G0	5			0		grass	nonstocked	N		10-19 years	0	

Total Acres..... 1685