

BAYFIELD COUNTY FOREST COMPREHENSIVE LAND USE PLAN
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**CHAPTER 5000
MONITORING**

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CHAPTER 5000 - MONITORING

5000 MONITORING

This summary of the Forest activities provides a running history of accomplishments by activity. It provides a quick and accessible reference for accomplishments on the County Forest.

5005 FOREST TYPES

This section monitors the acreage change of forest types over time.

Bayfield County Forest Acreage Trends (1977-2005)

Timber Type	1977 Acres	1983 Acres	1992 Acres	1995 Acres	2005 Acres	Acre Change 1977-2005	% Change 1977- 2005
White Pine	2158	2192	2098	2307	2376	218	10.1%
Red Pine	8255	9032	10609	11018	14130	5875	71.2%
Jack Pine	21644	20328	18023	16923	13994	-7650	-35.3%
Fir-Spruce	2218	2149	2016	1907	1933	-285	-12.8%
Swamp Conifer	393	393	543	509	687	294	74.7%
Black Spruce	738	724	695	701	798	60	8.1%
Tamarack	396	395	468	445	645	249	62.9%
White Cedar	299	292	342	298	406	107	35.6%
Hemlock-Hdwd	112	112	137	137	237	125	111.9%
Northern Hdwd	19435	19525	22954	22948	22290	2855	14.7%
Red Oak	16045	15711	15808	16291	17702	1657	10.3%
Scrub Oak	9449	10049	9253	9004	6602	-2847	-30.1%
Swamp Hdwd	1650	1579	1807	2039	2436	786	47.7%
Aspen	60241	62166	60146	61965	68635	8394	13.9%
Off Site Aspen	328	403	298	271	366	38	11.7%
Paper Birch	7000	6541	6258	5557	2613	-4387	-62.7%
Noncom. Swamp	268	268	148	148	119	-149	-55.7%
Noncom. Conifer	88	88	190	190	252	164	186.4%
Grass	2175	2125	2457	2456	2769	594	27.3%
Upland Brush	2650	3106	3305	3407	1703	-947	-35.7%
Lowland Brush	2752	2697	2753	2765	2392	-360	-13.1%
Non-Forest Area	3515	3574	3341	3309	3560	45	1.3%
Total	161809	163449	163649	164595	166646	4837	3.0%

5010 TIMBER MANAGEMENT

5010.1 TIMBER SALES

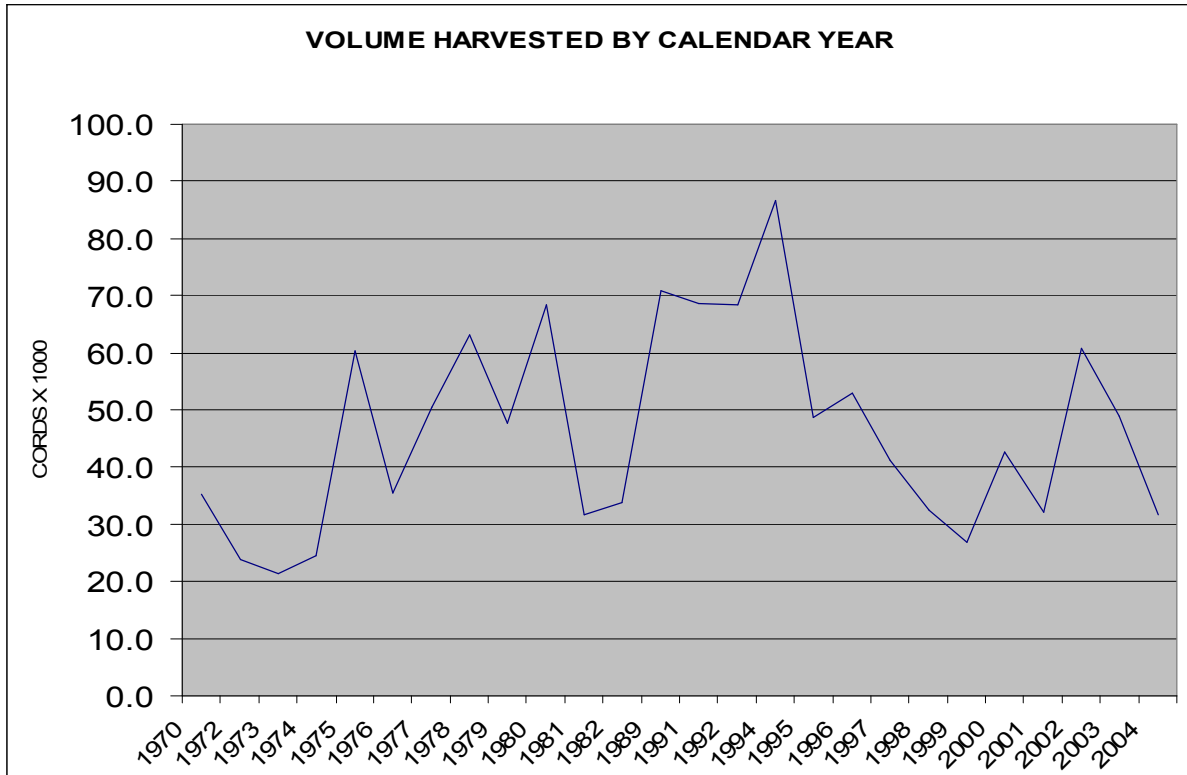
**BAYFIELD COUNTY FOREST
HISTORICAL TIMBER SALES RECORD**

(Based on Annual DNR Report)

Year	# of Sales	Sawtimber MBF	Pulpwood Cords	Acres cut	Total Cord Equivalents	Sales value (\$)
1938				138	892	440
1939				146	319	716
1940				502	1,168	2,352
1941				402	960	1,528
1942	5	21	284	659	2,254	3,694
1943	52	773	4,222	9,146	5,902	9,146
1944	11	16	1,403	480	1,445	1,370
1945	4	0	3	276	1,886	2,396
1946	20	50	3,529	834	4,796	5,980
1947	29	81	6,454	997	6,616	9,237
1948	21	5	2,424	410	2,553	4,902
1949	16	2	4,799	546	4,804	7,994
1950	25	79	5,586	187	5,752	10,698
1951	47	90	10,788	1,803	10,963	21,371
1952	33	202	11,743	1,452	12,147	27,328
1953	13	59	3,282	309	3,400	14,162
1954	17	347	6,007	582	6,737	21,665
1955	22	231	11,527	1,121	11,998	38,522
1956	21	491	4,306	620	5,288	23,009
1957	28	198	8,140	1,091	8,565	28,023
1958	38	82	9,073	1,035	9,252	25,833
1959	56	317	7,301	1,214	7,947	33,817
1960	51	358	10,630	1,583	11,359	44,506

Year	# of Sales	Sawtimber MBF	Pulpwood Cords	Acres cut	Total Cord Equivalentents	Sales value (\$)
1961	43	136	13,117	1,841	13,387	38,263
1962	57	661	12,661	2,365	13,984	62,340
1963	48	451	7,330	1,450	8,235	43,504
1964	57	232	15,454	1,924	15,944	48,652
1965	59	121	25,031	2,725	25,290	66,312
1966	48	120	11,916	1,277	12,157	36,790
1967	49	60	21,154	2,595	21,305	43,067
1968	40	29	12,422	1,955	13,103	36,772
1969	42	270	26,566	3,129	27,106	78,317
1970	63	156	33,490	4,191	33,874	105,284
1971	49	327	19,623	3,042	20,726	101,060
1972	47	310	20,772	2,365	21,423	79,932
1973	48	263	19,100	2,474	19,627	54,586
1974	22	123	14,883	1,211	15,118	49,707
1975	50	193	51,465	4,588	51,855	206,474
1976	39	675	32,039	2,977	33,392	150,001
1977	37	879	41,048	2,902	42,794	212,543
1978	29	145	35,930	2,079	36,221	141,449
1979	59	376	56,286	5,537	57,039	312,606
1980	87	679	69,508	6,253	70,866	469,453
1981	40	479	34,743	2,344	35,701	205,154
1982	42	297	31,575	2,198	32,168	221,869
1983	51	348	38,439	2,883	39,135	180,113
1984	66	599	49,696	3,160	50,854	232,700
1985	73	847	78,898	5,068	80,594	407,501
1986	65	204	37,276	2,320	37,755	215,035
1987	52	79	44,290	2,484	44,475	239,208
1988	50	723	45,351	2,431	47,033	253,492
1989	69	398	65,656	3,532	66,582	369,144
1990	85	848	71,120	3,649	73,189	444,398

Year	# of Sales	Sawtimber MBF	Pulpwood Cords	Acres cut	Total Cord Equivalents	Sales value (\$)
1991	74	628	70,620	--	72,099	523,206
1992	76	939	68,490	--	70,650	392,293
1993	70	668	68,346	--	69,892	609,407
1994	78	664	86,821	--	88,349	1,014,442
1995	46	496	48,846	--	49,985	787,009
1996	53	1,575	53,017	--	56,639	1,705,695
1997	51	706	41,119	--	42,744	1,114,450
1998	36	239	32,503	--	33,052	944,563
1999	33	410	27,194	--	28,104	986,674
2000	85	1,610	71,214	4,385	74,905	1,948,896
2001	35	464	29,014	1,876	30,041	800,809
2002	42	936	47,656	2,755	49,773	1,408,097
2003	40	399	30,355	2,066	31,262	1,198,973
2004	56	1,074	57,378	3,37	59,750	1,879,988
2005	47	588	42,805	2,734	44,109	1,712,324
2006						
2007						
2008						
2009						
2010						
2011						
2012						
2013						
2014						
2015						
2016						
2017						
2018						
2019						
2020						



VOLUME HARVESTED 1995-2004 BY SPECIES
(cords)

SPECIES	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	AVG
Aspen	19,148	18,913	9,156	9,403	4,897	7,387	11,225	11,876	8,094	11,545	11,164
Jack Pine	13,156	17,521	12,237	12,501	3,125	11,608	2,517	12,843	16,153	2,855	10,452
MxHwd	9,136	7,804	8,493	4,080	6,987	10,717	8,574	14,340	9,897	3,847	8,388
Red Pine	3,632	3,200	4,015	1,309	6,828	7,835	2,880	11,184	9,107	6,072	5,606
Birch	1,579	2,441	2,487	2,744	1,914	1,329	3,468	2,200	3,272	928	2,236
Oak	1,108	2,437	4,626	2,328	3,088	3,579	3,223	6,080	2,416	5,709	3,459
Spr/Fir	1,004	700	94	0	0	138	69	176	78	745	300
TOTAL	48,763	53,016	41,108	32,365	26,839	42,593	31,956	60,701	49,017	31,701	41,806

5010.2 REFORESTATION

5010.2.1 Conifer Reforestation

YEAR	Jack Pine		Red Pine	White Pine	TOTAL
	Seed	Plant	Plant	Plant	
1996	606	423		10	1039
1997	544	146	51		741
1998	503	166	83		752
1999	379	125			504
2000	30	264	9	8	311
2001		543	221		764
2002	118	162	642	40	962
2003	830	50	251	22	1153
2004	301		619		920
2005	90		308	47	445
2007					0
2008					0
2009					0
2010					0
2011					0
2012					0
2013					0
2014					0
2015					0
2016					0
2017					0
2018					0
2019					0
2020					0

5020 RECREATION MANAGEMENT

(To be added)

5030 FISH AND WILDLIFE MANAGEMENT

YEAR	Hunter Walking Trails		Wildlife Openings			
			Mowing		Hand	
	Miles	Acres	#	Acs	#	Acs
1996	8		16			
1997	12		20			
1998	12		20			
1999						
2000			39	52	66	60
2001	21.8			59	60	60
2002	18			35	73	50
2003	20			42	97	64
2004	18.5	67	45	52	78	54
2005						

5040 ACCESS MANAGEMENT

Miles of Classified Roads by Category and Year		
Year	Primary County Forest Road	Secondary County Forest Road
2000	6.03	0
2001	18.92	0
2002	18.92	0
2003	18.92	16.5
2004	18.92	16.5
2005	24.68	63.6
2006		
2007		
2008		
2009		
2010		
2011		
2012		
2013		
2014		
2015		
2016		
2017		
2018		
2019		
2020		

5050 LAND ADJUSTMENT

**BAYFIELD COUNTY FOREST
LAND ADJUSTMENT 1995-PRESENT**

<u>Year</u>	<u>Acres</u>	<u>Activity</u>	<u>Township</u>	<u>Net Change</u>
1997	80	Exchange/Acquisition	Tripp	80
1997	-80	Exchange/Acquisition	Tripp	0
1999	598	Acquisition from State	Clover, Port Wing	598
1999	501	Exchange/Acquisition	Bayfield, Clover, Russell	1,099
1999	-440	Exchange/Acquisition	Clover, Grandview	659
1999	80	Acquisition	Russell	739
2000	-27	Donation to Red Cliff Cemetery	Russell	712
2002	40	Acquisition	Bayview	752
2002	40	Acquisition	Bayview	792
2003	560	Acquisition	Barnes	1,352
2003	40	Correction from WI DOT	Barnes	1,392
2003	40	Correction from WI DOT	Barnes	1,432
2003	40	Exchange/Acquisition	Iron River	1,472
2003	40	Exchange/Acquisition	Iron River	1,512
2003	-40	Exchange/Acquisition	Iron River	1,472
2004	40	Acquisition	Barnes	1,512
2004	160	Acquisition	Port Wing	1,672
2005	80	Acquisition	Bayfield	1,752
2005	70	Donation from Jolly	Bayfield	1,822