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Minnesota DEER HARVEST Report



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1986 MINNESOTA DEER HARVEST REPORT
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Table 1. Statewide license sales, harvests, and success rates for 1986 Firearms deer season.

Firearms licenses sold ² (5-21-87 report)	417,068
Corrected total	_____
Statewide registered Firearms deer harvest	129,770

Statewide registered Buck ³ harvest	60,980
Buck proportion of total kill	47.0%
Statewide registered Antlerless harvest	68,790
Antlerless proportion of total kill	53.0%

Antlerless permits offered, statewide ⁴	128,825
Bonus licenses offered, statewide	2,272
Antlerless permits issued, statewide	130,519
Bonus licenses issued, statewide	1,191
Buck-only hunters ⁵ (License minus permits and bonus licenses)	284,463
Overall firearms hunter success by registration	31%

Antlerless permit holder success by registration ⁶	53%

Buck-only hunter success by registration	21%

¹ Harvest figures do not include deer taken during the Special Muzzleloader Season.

² Includes Special Muzzleloader as well as Regular Firearms licenses.

³ Bucks include adult males and unidentified deer. Adult females and all fawns classed as antlerless deer.

⁴ See Table 3 for antlerless quotas, additional permits, etc.

⁵ Includes Special Muzzleloader Season hunters.

⁶ Includes success for only those antlerless permit and bonus license holders taking antlerless deer. Does not include bucks taken by antlerless permit or bonus license holders.

Table 2. Statewide Firearms, Archery, and Muzzleloader harvests, license sales, and success rates 1973-1986.

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
REGULAR FIREARMS														
Res. Lic. Sales	294,349	296,248	327,596	263,868	287,271	307,910	312,754	344,516	369,425	369,018	391,099	396,074	408,056	412,595 ¹
Non-Res. Lic. Sales	1,342	1,747	1,921	1,029	1,430	1,776	1,910	2,378	2,973	3,038	3,611	4,307	4,961	4,473 ¹
Total Lic. Sales	295,691	297,995	329,517	264,897	288,701	309,686	314,664	346,894	372,398	372,056	394,710	400,381	413,017	417,068 ¹
Reg. Buck Kill ²	32,915	31,335	32,081	26,619	37,103	37,128	31,476	48,726	60,034	54,305	62,481	58,966	62,603	60,980
Reg. AL Kill	34,191	33,662	31,523	1,994	8,815	10,244	12,864	21,811	32,993	38,740	69,976	73,076	75,462	68,790
Reg. Total Kill	67,106	64,997	63,604	28,613	45,918	47,372	44,340	68,539	93,027	93,045	132,457	132,042	138,065	129,770
Reg. Success	22.7	21.8	19.3	10.8	15.9	15.3	14.1	19.8	25.0	25.0	33.6	33.0	33.4	31.1
ARCHERY														
Res. Lic. Sales	29,169	30,701	31,836	21,773	29,404	32,546	35,657	41,328	50,063	54,062	55,803	61,576	66,724	67,582 ¹
Non-Res. Lic. Sales	545	644	804	263	402	476	447	634	906	848	470	583	589	547 ¹
Total Lic. Sales	29,714	31,345	32,640	22,036	29,806	33,022	36,104	41,962	50,969	54,910	56,273	62,159	67,313	68,129 ¹
Reg. Kill	1,935	2,176	2,265	1,167	2,609	2,608	2,577	3,641	5,535	5,566	5,977	6,390	7,575	7,610
Reg. Success	6.5	6.9	6.9	5.3	8.8	7.9	7.1	8.7	10.9	10.1	10.6	10.3	11.3	11.2
MUZZLELOADER														
Reg. Kill	-	-	-	-	32	346	318	294	385	441	652	532	563	593
TOTAL Reg. Kill	69,041	67,173	65,869	29,780	48,559	50,326	47,235	72,474	98,947	99,052	139,086	138,941	146,203	137,923

¹ Estimate as of 05/21/87.

² Bucks include adult males, unknown sex adults, unknown age males, and unidentified deer.

Table 3. Antlerless permit drawing statistics, 1986.

Number of areas with permits available.....	106
Total number of permits offered.....	128,825 ¹
Total number of applications received.....	301,453
Total number of rejected applications.....	21,164
Summary of errors causing application rejection:	
Driver's license errors.....	16,849
Birthdate blank or impossible.....	2,965
Permit area requested not valid.....	1,873
No signature.....	1,674
Birthdate did not match licence file.....	1,592
Late postmark.....	344
Duplicate application.....	234
Age not 12-18 under youth drawing.....	52
Firearms Safety number invalid.....	20
Total number of valid applications.....	280,289
Total number of permits issued.....	130,519 ¹
Total number of permits not issued	3,440 ²
Number of permit areas undersubscribed.....	13 ²

¹ Additional permits were issued (1,694) to correct for applications temporarily dropped from computer due to lack of file space.

² A total of 2272 applicants within the undersubscribed areas, who expressed interest, were selected for bonus licenses. See Table 6.

Table 4. 1986 Antlerless Permit Distribution and Drawing Statistics. Revised to conform to amended Commissioner's Order*

Permit Area Number	No. of Permits Offered	Number of applications received (permits issued)						Permits Remain.	Number Added * Permits
		Firearms Safety	Highest 5	- Preference 4	Level 3	2	Lowest 1		
110	300	63 (19)	0 (0)	2 (2)	22 (22)	350 (257)**	563 (0)	0	39
112	600	163 (39)	0 (0)	3 (3)	312 (312)	875 (246)**	1129 (0)	0	103
113	1700	341 (109)	0 (0)	5 (5)	575 (575)	1782 (1011)**	2639 (0)	0	210
120	3000	294 (162)	0 (0)	6 (6)	194 (194)	1026 (1026)	3926 (1612)**	0	52
124	750	185 (55)	0 (0)	5 (5)	561 (561)	682 (129)**	1088 (0)	0	103
131	3000	816 (172)	0 (0)	11 (11)	218 (218)	4881 (2599)**	8364 (0)	0	477
132	3000	1256 (189)	0 (0)	65 (65)	2771 (2746)**	6360 (0)	9528 (0)	0	233
133	3000	811 (223)	2 (2)	94 (94)	1975 (1975)	2851 (706)**	5166 (0)	0	413
134	5000	1078 (327)	1 (1)	22 (22)	1464 (1464)	5652 (3186)**	8290 (0)	0	567
135	1000	194 (64)	0 (0)	3 (3)	71 (71)	1005 (862)**	1741 (0)	0	98
150	750	464 (48)	0 (0)	206 (206)	1757 (496)**	2037 (0)	2759 (0)	0	177
151	500	466 (35)	0 (0)	9 (9)	1369 (456)**	2402 (0)	2441 (0)	0	134
159	500	293 (34)	1 (1)	14 (14)	886 (451)**	1436 (0)	1650 (0)	0	77
201	700	64 (57)	0 (0)	1 (1)	12 (12)	44 (44)	665 (586)**	0	1
202	1350	86 (86)	0 (0)	1 (1)	12 (12)	92 (92)	1041 (1041)	118	0
203	1350	67 (67)	0 (0)	1 (1)	14 (14)	93 (93)	938 (938)	237	0
204	1500	182 (118)	0 (0)	0 (0)	16 (16)	90 (90)	2034 (1276)**	0	1
205	800	131 (61)	0 (0)	0 (0)	12 (12)	55 (55)	1526 (672) **	0	0
206	1500	129 (115)	0 (0)	0 (0)	12 (12)	61 (61)	1474 (1312)**	0	0
207	1050	120 (87)	0 (0)	0 (0)	6 (6)	45 (45)	1281 (912)**	0	1
208	750	56 (53)	0 (0)	0 (0)	5 (5)	16 (16)	719 (676)**	0	0
209	1500	85 (85)	0 (0)	1 (1)	13 (13)	36 (36)	1063 (1063)	302	0
210	1800	136 (132)	0 (0)	0 (0)	11 (11)	132 (132)	1578 (1525)**	0	0
211	500	252 (32)	0 (0)	2 (2)	18 (18)	105 (105)	3509 (343)**	0	11
221	500	201 (46)	0 (0)	0 (0)	16 (16)	820 (438)**	1146 (0)	0	77
222	700	181 (59)	0 (0)	4 (4)	15 (15)	656 (622)	1289 (0)	0	55
223	1000	159 (82)	0 (0)	1 (1)	28 (28)	187 (187)	1562 (702)**	0	7
224	500	73 (47)	0 (0)	2 (2)	15 (15)	147 (147)	543 (289)**	0	6
225	2100	319 (165)	0 (0)	1 (1)	55 (55)	1132 (1132)	2541 (747)**	0	74
226	2500	315 (219)	0 (0)	2 (2)	45 (45)	551 (551)	2679 (1683)**	0	21
234	900	88 (62)	0 (0)	1 (1)	20 (20)	121 (121)	1052 (696)**	0	4
235	150	24 (10)	0 (0)	0 (0)	2 (2)	99 (99)	246 (39)**	0	7
236	4000	826 (281)	1 (1)	2 (2)	71 (71)	3897 (3645)**	6974 (0)	0	341
241	4000	805 (263)	0 (0)	1 (1)	116 (116)	2412 (2412)	8925 (1208)**	0	164

* Applicants at drawing level preference or higher lost in original computer run because of inadequate file space.

Table 4. Continued

Permit Area Number	No. of Permits Offered	Number of applications received (permits issued)							Permits Remain.	Number Added * Permits
		Firearms Safety	Highest - Preference Level			Lowest				
			5	4	3	2	1			
246	4800	762 (372)	0 (0)	5 (5)	108 (108)	2404 (2404)	6558 (1911)**	0	132	
247	1600	352 (122)	0 (0)	5 (5)	72 (72)	1632 (1401)**	2564 (0)	0	134	
248	500	85 (37)	0 (0)	1 (1)	7 (7)	430 (430)	634 (25)**	0	44	
249	1350	291 (110)	0 (0)	3 (3)	44 (44)	1299 (1193)**	1923 (0)	0	122	
251	600	90 (49)	0 (0)	1 (1)	11 (11)	172 (172)	823 (367)**	0	7	
296	400	122 (36)	0 (0)	1 (1)	76 (76)	425 (287)**	750 (0)	0	36	
337	700	54 (50)	0 (0)	0 (0)	15 (15)	45 (45)	639 (590)**	0	0	
338	900	69 (69)	0 (0)	0 (0)	8 (8)	63 (63)	703 (703)	57	0	
339	800	64 (55)	0 (0)	1 (1)	10 (10)	53 (53)	796 (681)*	0	0	
341	2000	195 (165)	0 (0)	0 (0)	12 (12)	110 (110)	2040 (1713)**	0	1	
342	1500	159 (138)	0 (0)	1 (1)	9 (9)	93 (93)	1461 (1259)**	0	0	
343	1800	159 (159)	0 (0)	0 (0)	10 (10)	112 (112)	1263 (1263)	256	0	
344	1500	155 (126)	0 (0)	0 (0)	8 (8)	192 (192)	1488 (1174)**	0	7	
345	1800	160 (160)	0 (0)	1 (1)	2 (2)	47 (47)	1476 (1476)	114	0	
346	2000	182 (172)	0 (0)	0 (0)	11 (11)	39 (39)	1881 (1778)**	0	1	
347	1100	142 (118)	0 (0)	0 (0)	7 (7)	103 (103)	1069 *872)**	0	1	
348	1100	116 (79)	0 (0)	1 (1)	9 (9)	107 (107)	1391 (904)**	0	2	
349	2300	207 (190)	0 (0)	0 (0)	15 (15)	76 (76)	2208 (2019)**	0	0	
401	400	32 (32)	0 (0)	0 (0)	1 (1)	7 (7)	255 (255)	105	0	
402	900	50 (50)	0 (0)	0 (0)	2 (2)	23 (23)	581 (581)	244	0	
403	600	50 (48)	0 (0)	0 (0)	0 (0)	26 (26)	545 (526)**	0	0	
404	1300	110 (98)	0 (0)	0 (0)	14 (14)	43 (43)	1299 (1145)**	0	0	
405	2000	119 (119)	1 (1)	1 (1)	6 (6)	42 (42)	1271 (1271)	560	0	
406	1500	99 (99)	0 (0)	0 (0)	7 (7)	39 (39)	999 (999)	356	0	
407	2000	137 (137)	0 (0)	0 (0)	4 (4)	61 (61)	1381 (1381)	417	0	
408	2000	133 (133)	0 (0)	0 (0)	12 (12)	63 (63)	1170 (1170)	622	0	
409	2000	254 (188)	0 (0)	1 (1)	15 (15)	549 (549)	1887 (1247)**	0	8	
410	3600	310 (236)	0 (0)	0 (0)	15 (15)	789 (789)	3610 (2560)**	0	20	
411	3600	323 (260)	0 (0)	0 (0)	24 (24)	868 (868)	3251 (2448)**	0	12	
412	2500	297 (194)	0 (0)	0 (0)	29 (29)	806 (806)	2702 (1471)**	0	37	
413	1300	241 (106)	0 (0)	0 (0)	32 (32)	920 (920)	1767 (242)**	0	60	
414	1600	263 (139)	0 (0)	1 (1)	22 (22)	994 (994)	1753 (444)**	0	68	

Table 4. Continued

Permit Area Number	No. of Permits Offered	Firearms Safety	Number of applications received (permits issued)					Permits Remain.	Number Added * Permits
			Highest 5	- 4	Preference Level 3	2	Lowest 1		
415	750	156 (53)	0 (0)	0 (0)	18 (18)	565 (565)	1456 (114)**	0	46
416	1000	148 (73)	0 (0)	0 (0)	11 (11)	265 (265)	1591 (651)**	0	14
417	2400	307 (189)	0 (0)	0 (0)	23 (23)	931 (931)	2643 (1257)**	0	46
418	1200	198 (95)	0 (0)	0 (0)	22 (22)	625 (625)	1664 (458)**	0	42
419	800	160 (63)	0 (0)	2 (2)	23 (23)	598 (598)	1233 (114)**	0	49
420	800	81 (75)	0 (0)	0 (0)	6 (6)	97 (97)	681 (622)**	0	0
421	800	69 (69)	0 (0)	0 (0)	5 (5)	64 (64)	610 (610)	52	0
422	400	38 (26)	0 (0)	1 (1)	4 (4)	24 (24)	511 (345)**	0	0
423	500	72 (45)	0 (0)	0 (0)	6 (6)	146 (146)	570 (303)**	0	2
424	400	81 (42)	0 (0)	0 (0)	5 (5)	172 (172)	516 (181)**	0	17
425	200	24 (16)	0 (0)	0 (0)	0 (0)	57 (57)	223 (127)**	0	4
426	400	104 (36)	0 (0)	1 (1)	42 (42)	380 (321)**	639 (0)	0	46
427	300	84 (23)	0 (0)	2 (2)	5 (5)	343 (270)**	649 (0)	0	25
428	450	102 (41)	0 (0)	1 (1)	34 (34)	334 (334)	635 (40)**	0	27
430	850	265 (68)	0 (0)	1 (1)	24 (24)	923 (757)**	2110 (0)	0	77
431	700	68 (61)	0 (0)	0 (0)	7 (7)	199 (199)	510 (433)**	0	0
435	1200	140 (93)	0 (0)	0 (0)	5 (5)	479 (479)	1186 (623)**	0	26
440	700	150 (58)	0 (0)	0 (0)	8 (8)	605 (605)	1051 (29)**	0	37
445	1250	347 (104)	0 (0)	1 (1)	250 (250)	1332 (895)**	2232 (0)	0	129
446	600	68 (51)	0 (0)	0 (0)	5 (5)	106 (106)	619 (438)**	0	1
447	450	56 (34)	0 (0)	0 (0)	4 (4)	176 (176)	499 (236)**	0	7
448	425	78 (33)	0 (0)	0 (0)	4 (4)	346 (346)	588 (42)**	0	33
449	600	125 (53)	0 (0)	0 (0)	22 (22)	497 (497)	770 (28)**	0	43
450	250	36 (15)	0 (0)	0 (0)	2 (2)	170 (170)	397 (63)**	0	11
451	550	75 (45)	0 (0)	0 (0)	4 (4)	236 (236)	602 (265)**	0	9
452	450	40 (38)	0 (0)	0 (0)	3 (3)	36 (36)	389 (373)**	0	0
453	350	45 (26)	0 (0)	0 (0)	2 (2)	132 (132)	435 (190)**	0	3
454	500	112 (41)	0 (0)	0 (0)	5 (5)	438 (438)	796 (16)**	0	30
455	200	20 (16)	0 (0)	0 (0)	1 (1)	30 (30)	206 (153)**	0	2
456	400	58 (26)	0 (0)	0 (0)	2 (2)	219 (219)	605 (153)**	0	13
457	300	61 (21)	0 (0)	0 (0)	1 (1)	261 (261)	534 (17)**	0	24
458	200	52 (14)	0 (0)	0 (0)	5 (5)	219 (181)**	482 (0)	0	22
459	500	114 (38)	0 (0)	1 (1)	26 (26)	500 (435)**	850 (0)	0	34

Table 4. Continued

Permit Area Number	No. of Permits Offered	Number of applications received (permits issued)							Number Permits Added * Remain. Permits
		Firearms Safety	Highest - Preference Level				Lowest		
			5	4	3	2		1	
461	450	95 (30)	0 (0)	0 (0)	13 (13)	449 (407)**	853 (0)	0	28
462	700	118 (55)	0 (0)	1 (1)	11 (11)	420 (420)	954 (213)**	0	37
463	300	74 (25)	0 (0)	0 (0)	5 (5)	300 (270)**	499 (0)	0	21
464	500	52 (34)	0 (0)	0 (0)	5 (5)	208 (208)	508 (253)**	0	8
465	400	32 (26)	0 (0)	0 (0)	3 (3)	80 (80)	370 (291)**	0	1
466	800	89 (59)	0 (0)	0 (0)	5 (5)	210 (210)	898 (526)**	0	5
467	600	53 (49)	0 (0)	0 (0)	10 (10)	182 (182)	402 (359)**	0	0
Totals	128,825	20,553 (9,608)	6 (6)	499 (499)	13,942 (11,308)	68,116 (44,746)	177,174 (59,318)	3,440	5,503

* Applicants at drawing level preference or higher lost in original computer run because of inadequate file space.

** This is the preference level at which a drawing was necessary. Higher levels automatically receive permits. Any preference level below that at which the drawing was held was not included in the drawing. A drawing at level #1 means that some persons who had a permit last year and some persons applying for the first time received permits.

Table 5. Statewide Firearms harvest, 1977-1986¹.

Year	Bucks ²	Antlerless ³	Total
1986	60,980 (47.0%)	68,790 (53.0%)	129,770
1985	62,603 (45.3%)	75,462 (54.7%)	138,065
1984	58,966 (44.7%)	73,076 (55.3%)	132,042
1983	62,481 (47.2%)	69,976 (52.8%)	132,457
1982	54,305 (58.4%)	38,740 (41.6%)	93,045
1981	60,034 (64.5%)	32,993 (35.5%)	93,027
1980	46,728 (68.2%)	21,811 (31.8%)	68,539
1979	31,251 (70.5%)	12,864 (29.5%)	44,340
1978	36,521 (77.1%)	10,244 (22.9%)	47,372
1977	36,683 (79.9%)	8,815 (20.1%)	45,918

¹ Does not include deer taken during the Special Muzzleloader Season.

² Includes adult males, unknown sex adults, unknown age males, and unidentified deer.

³ Includes adult and unknown age females and all fawns.

Table 6. Antlerless Permit Area Bonus License provision results, 1986.

Permit Area No.	No. Bonus Offered	Bonus Licenses Purchased	Bonus Deer Harvest ¹	Total Antlerless Harvest	Increase due to Bonus
202	118	59	27	465	6.2%
203	181	95	60	508	13.4%
209	221	91	46	522	9.7%
338	57	17	6	254	2.4%
343	246	34	42	689	6.5%
345	114	52	31	985	3.2%
401	67	26	17	146	13.2%
402	178	107	49	331	17.4%
405	261	90	54	731	8.0%
406	203	74	42	526	8.7%
407	352	208	116	971	13.6%
408	222	95	55	850	6.9%
421	52	33	12	293	4.3%
Unknown ²		210 ²	Included above	Included above	Included above
13 Areas	2,272	1,191 ³	568	7,271	7.8%

¹ Number of antlerless deer taken by hunters who tagged two deer.

² Additional bonus license sales submitted in county auditor reports that do not show Permit Area distribution.

³ Total bonus license sales reported by County Auditors as of 5-21-87

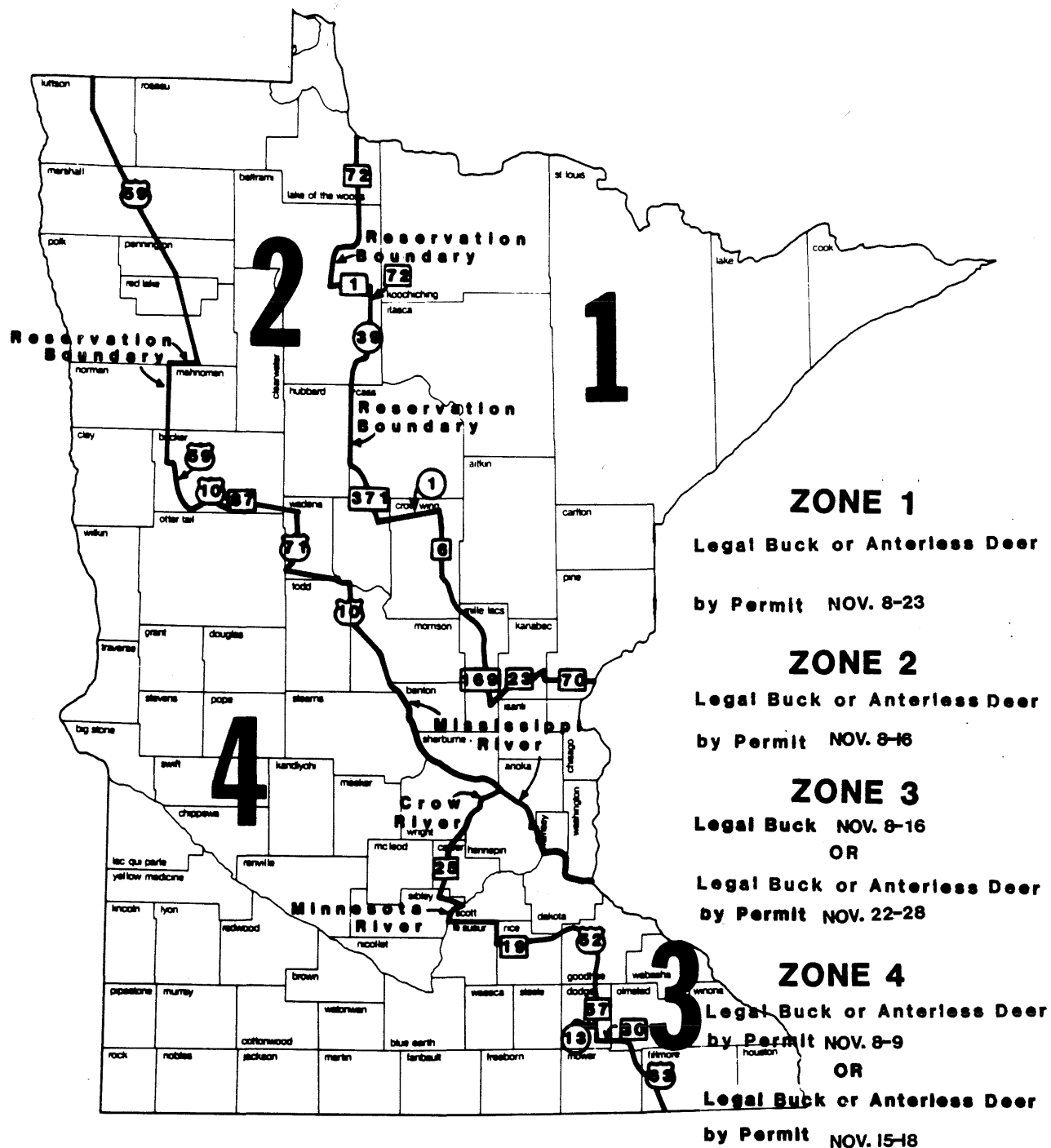


Figure 1. 1986 Firearms deer season zones and dates

Table 7. Breakdown of 1986 Firearms hunter's zone and date option selections.

Option	Proportion Selecting ¹	No. Hunters Selecting ²	Corrected No. Hunters ³
Zone 1 Nov. 8-23 ⁴	38.8%	161,822	
Zone 2 Nov. 8-16 ⁴	25.3%	105,518	
Zone 3A ⁵ Nov. 8-16 ⁵	2.6%	10,844	
Zone 3B ⁴ Nov. 22-28 ⁴	5.8%	24,190	
Zone 4A ⁴ Nov. 8-9 ⁴	16.1%	67,148	
Zone 4B ⁴ Nov. 15-18 ⁴	10.9%	45,460	
Muzzleloader ⁶ Nov. 29-Dec. 14 ⁶	0.5%	2,085	

¹ Estimated from sample of 32,934 deer licenses.

² Projected from License Center's estimate of 417,068 firearm licenses sold as of 05/21/87.

³ Projected from License Center's final audit of licenses sold.

⁴ Legal buck or antlerless deer by permit.

⁵ Legal buck.

⁶ Special Season, either sex, designated areas.

Table 8. Total Firearms deer harvest by zone, 1986.

Zone	Deer ¹ Hunters	License estimate and registration		
		Deer Harvest	Percent of Harvest	Overall Success
1	161,822	37,726	26.0%	21%
2	105,518	36,321	28.0%	34%
3	35,034	15,954	12.3%	46%
4	112,608	43,731	33.7%	39%
Unknown	-	38	-	-
State	417,068	129,770		31%

Table 9. Antlerless Firearms deer harvest by zone, 1986.

Zone	Permits ² Issued	Registered Kills		
		Antlerless Taken ³	Percent of Harvest	Permit Success
1	25,783	13,825	20.1%	54%
2	38,981	19,933	29.0%	51%
3	17,077	9,360	13.6%	55%
4	48,678	25,651	37.3%	53%
Unknown	-	20	-	-
State	130,519	68,790		53%

¹ Projected from sample of 32,934 deer licenses and License Center's estimate of 417,068 licenses (report of 5/20/87). Does not include muzzleloaders.

² Includes bonus licenses issued.

³ Includes adult and unknown age females and all fawns.

⁴ License sales estimate minus permit holders. Permit holders who took bucks not included here.

⁵ Includes adult males, unknown sex adults, unknown age males, and unidentified deer taken by both buck-only hunters and antlerless permit holders.

⁶ Success is inflated because permit holders who took bucks cannot be sorted out.

Table 10. Buck Firearms deer harvest by zone, 1986.

Zone	<u>License estimate and registration</u>			
	Buck Hunters ⁴	Bucks Registered ⁵	Percent of Harvest	Buck Hunter Success ⁶
1	136,039	19,901	32.6%	15%
2	66,537	16,388	26.9%	25%
3	17,957	6,593	10.8%	37%
4	63,930	18,080	29.6%	28%
Unknown	-	18	-	-
State	284,463	60,980		21%

¹ Projected from sample of 32,934 deer licenses and License Center's estimate of 417,068 licenses (report of 5/20/87). Does not include muzzleloaders.

² Includes bonus licenses issued.

³ Includes adult and unknown age females and all fawns.

⁴ License sales estimate minus permit holders. Permit holders who took bucks not included here.

⁵ Includes adult males, unknown sex adults, unknown age males, and unidentified deer taken by both buck-only hunters and antlerless permit holders.

⁶ Success is inflated because permit holders who took bucks cannot be sorted out.

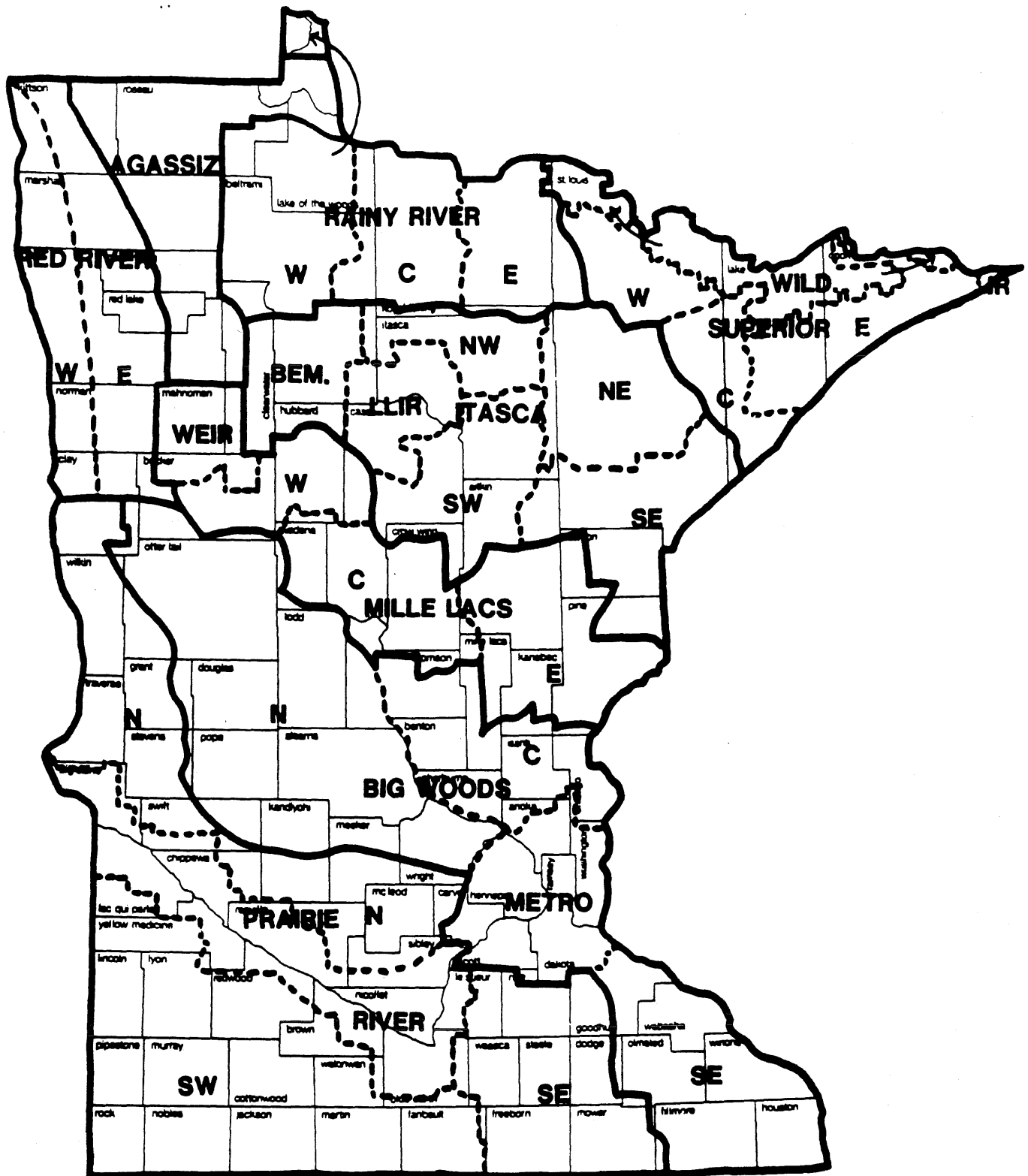


Figure 2. Deer Management Units (DMU's) and Sub-DMU's.

Table 11. Harvest and success rates by DMU and Sub-DMU, 1986.

Unit	Permits Issued	Antlerless Registered	Permit Success ¹	Bucks Registered	Total Reg. Kill
Red River W	948	477	50.3%	381	858
Red River E	7,436	3,994	53.7%	2,053	6,047
Red River Total	8,384	4,471	53.3%	2,434	6,905
Agassiz Total	11,561	5,160	44.6%	3,161	8,321
Rainy River W	511	293	57.3%	1,006	1,299
Rainy River C	1,042	661	63.4%	1,032	1,693
Rainy River E	1,910	981	51.4%	1,205	2,186
Rainy River Total	3,463	1,935	55.9%	3,228	5,163
Superior W	3,052	1,280	41.9%	1,247	2,527
Superior C	853	481	56.4%	943	1,424
Superior E	0	7	-	558	561
Superior Wild.	0	4	-	46	50
Superior IR	0	0	-	4	4
Superior Total	3,905	1,772	45.4%	2,794	4,566
Itasca NW	3,477	2,099	60.4%	2,437	4,536
Itasca SW	3,233	2,041	63.1%	3,105	5,046
Itasca NE	3,413	1,631	47.8%	2,445	4,076
Itasca SE	5,567	2,594	46.6%	2,456	5,050
LLIR	1,098	479	43.6%	687	1,166
Bemidji	4,341	2,611	60.1%	2,849	5,460
Itasca Total	20,929	11,455	54.7%	13,979	25,434
Mille Lacs W	4,771	2,769	58.0%	2,324	5,093
Mille Lacs C	8,682	5,143	59.2%	3,422	8,565
Mille Lacs E	2,138	1,485	69.5%	3,722	5,207
WEIR	436	300	68.8%	658	958
Mille Lacs Total	16,027	9,697	60.3%	10,126	19,821
Big Woods N	21,152	10,606	50.1%	6,779	17,385
Big Woods C	7,540	3,198	42.4%	2,509	5,707
Big Woods Metro	3,382	1,251	37.0%	1,109	2,360
Big Woods SE	14,736	8,127	55.2%	5,771	13,898
Big Woods Total	46,810	23,182	49.5%	16,168	39,350
Prairie N	4,317	2,160	50.0%	1,823	3,983
Prairie River	4,969	2,667	53.7%	2,178	4,845
Prairie SW	6,007	3,900	69.9%	3,415	7,315
Prairie SE	3,849	1,816	47.2%	1,393	3,209
Prairie Total	19,142	10,543	55.1%	8,809	19,352
Unknown	-	575	-	283	858
TOTAL	130,519	68,790	52.7%	60,980	129,770

¹ Bonus licenses not included.

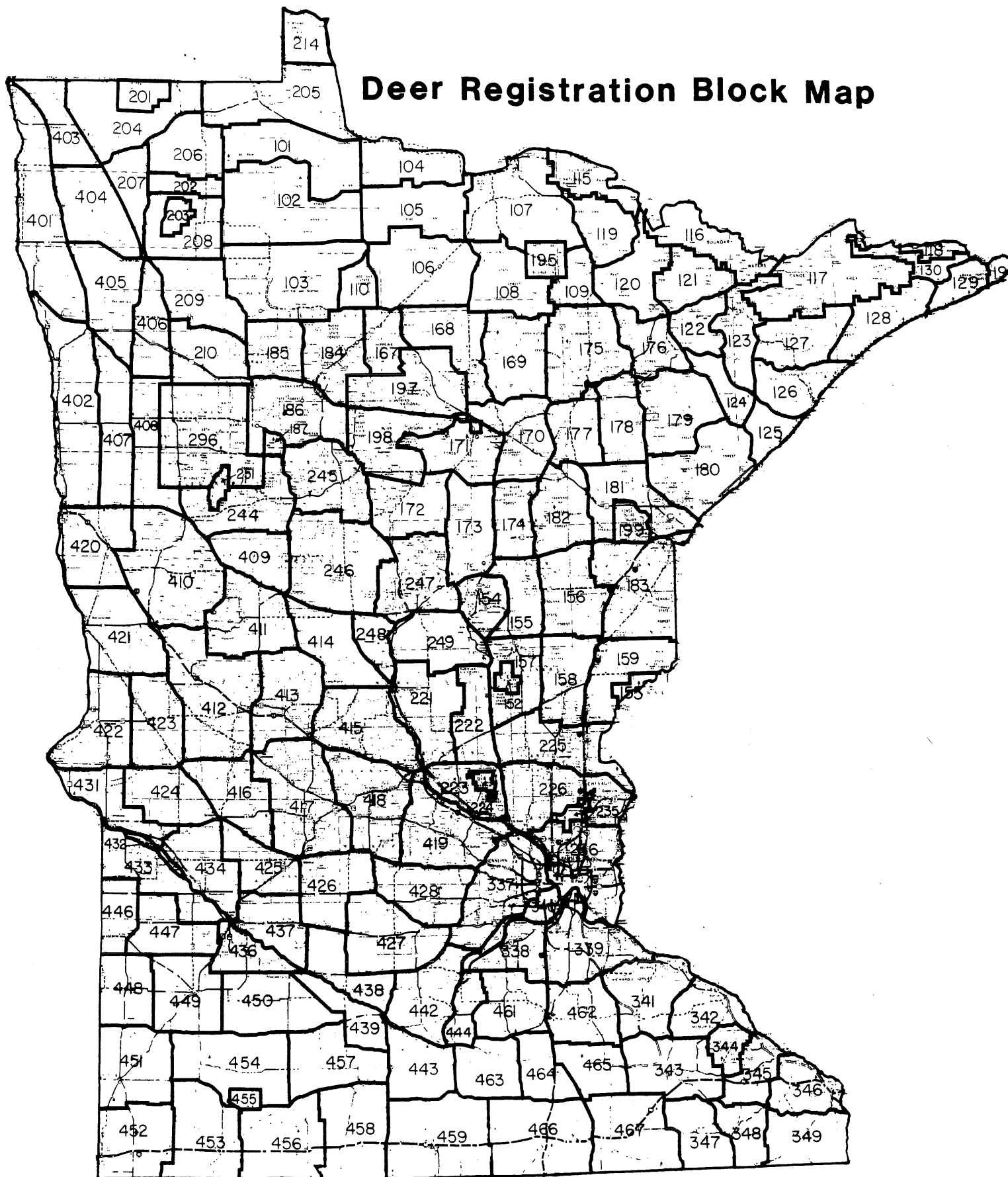


Figure 3. 1986 Kill-block map.

Table 12. Registered harvest, harvest/mi² and antlerless success by Block and Permit Area, 1986.

Permit Area # (# Permits) ¹	Block Number	Area (Mi ²)	Number ⁴ Bucks	Bucks/ Mi ²	No. ⁵ AL	AL Success	AL/ Mi ²	Total Deer	Total/ Mi ²
211	101	743	508	0.69	169		0.23	684	0.92
	102	1,123	479	0.43	119		0.11	598	0.53
	103	646	2	0.00	0		0.00	2	0.00
	unk		2		5			7	
	(511) Total	2,512	991	0.39	293	57.3%	0.12	1,284	0.51
112	104	457	147	0.32	68		0.15	215	0.47
	105	654	154	0.24	114		0.17	268	0.41
	106	911	461	0.51	267		0.30	728	0.80
	unk		1		1			2	
	(703) Total	2,022	763	0.38	450	64.0%	0.22	1,213	0.60
113	107	1,007	624	0.62	435		0.43	1,059	1.05
	108	574	324	0.56	315		0.55	639	1.11
	109	243	226	0.93	184		0.76	410	1.69
	195	140	2	0.01	0		0.00	2	0.01
	unk		29		47			76	
(1910) Total		1,964	1,205	0.61	981	51.4%	0.49	2,186	1.11
110 (339)	110	89	269	3.02	211	62.2%	2.37	480	5.39
120	115	303	10	0.03	0		0.00	10	0.03
	116	532	25	0.05	4		0.01	29	0.05
	117	1,003	8	0.00	0		0.00	8	0.00
	118	100	3	0.03	0		0.00	3	0.03
	119	412	575	0.91	363		0.88	738	1.79
(3052)	120	299	622	2.08	724		2.42	1,346	4.50
	121	370	250	0.68	193		0.52	443	1.20
	Total	1,081	1,247	1.15	1,280	41.9%	1.18	2,257	2.34
	122	240	321	1.34	121		0.50	442	1.84
	123 ²	274	141	0.52	56		0.20	197	0.72
124	124	276	235	0.85	161		0.58	396	1.44
	125	238	246	1.03	143		0.60	389	1.63
	(853) Total	1,028	943	0.92	481	56.4%	0.47	1,424	1.38
	126	471	194	0.41	4		0.01	198	0.42
	127	630	89	0.14	0		0.00	89	0.14
152	128	500	206	0.41	2		0.00	208	0.42
	129	208	54	0.26	0		0.00	54	0.26
	130	222	11	0.05	1		0.00	12	0.05
	(0)								
	152	47	82	1.74	1		0.02	83	1.77
150	153	69	1	0.01	0		0.00	1	0.01
	154	177	232	1.31	123		0.70	353	1.99
	155	362	409	1.13	205		0.57	614	1.70
	156	626	708	1.13	318		0.51	1,026	1.64
	(927) Total	1,165	1,349	1.16	646	69.7%	0.55	1,993	1.71
151	157	392	601	1.53	193		0.49	794	2.03
	158	502	795	1.58	258		0.51	1,053	2.10
	(634) Total	894	1,396	1.56	451	71.1%	0.50	1,847	2.07

Table 12. Continued.

Permit Area # (# Permits) ¹	Block Number	Area (Mi ²)	Number ⁴ Bucks	Bucks/ Mi ²	No. ⁵ AL	AL Success	AL/ Mi ²	Total Deer	Total/ Mi ²
159									
(577)	159	515	888	1.72	387	67.1%	0.75	1,275	2.48
	167	272	447	1.64	344		1.26	791	2.91
	168	560	950	1.70	797		1.42	1,747	3.12
131	169	657	1,033	1.57	952		1.45	1,985	3.02
	unk		7		6			13	
(3477)	Total	1,489	2,437	1.64	2,099	60.4%	1.41	4,536	3.05
	170	574	600	1.04	329		0.57	929	1.62
	171	484	527	1.09	382		0.79	909	1.88
	172	509	988	1.94	710		1.40	1,698	3.34
	173	544	623	1.14	454		0.84	1,077	1.98
	174	363	365	1.01	233		0.64	598	1.65
	unk		2		5			7	
(3233)	Total	2,474	3,105	1.26	2,113	65.4%	0.85	5,218	2.11
	175	754	841	1.12	516		0.68	1,357	1.80
	176	408	365	0.90	201		0.49	566	1.39
	177	413	270	0.65	182		0.44	452	1.09
133	178	455	278	0.62	185		0.42	463	1.04
	179	659	670	1.02	528		0.80	1,198	1.82
	unk		21		19			40	
(3413)	Total	2,689	2,445	0.91	1,631	47.8%	0.61	4,076	1.52
	180	749	625	0.83	562		0.75	1,187	1.58
	181	585	540	0.92	488		0.83	1,028	1.76
	182	549	429	0.78	511		0.93	940	1.71
134	183	932	795	0.85	978		1.05	1,773	1.90
	199	155	68	0.44	53		0.34	121	0.78
	unk		1		2			3	
(5567)	Total	2,970	2,458	0.83	2,594	46.6%	0.87	5,052	1.70
	184	544	801	1.47	642		1.18	1,443	2.65
	185	351	610	1.74	527		1.50	1,137	3.24
236	186	668	1,356	2.03	1,333		2.00	2,689	4.02
	187	53	82	1.55	109		2.06	191	3.60
(4341)	Total	1,616	2,849	1.76	2,611	60.1%	1.62	5,460	3.38
	194	73	4	0.04	0		0.00	4	0.04
	197	629	407	0.65	295		0.47	702	1.15
135	198	426	280	0.66	184		0.43	464	1.09
(1098)	Total	1,055	687	0.65	479	43.6%	0.45	1,166	1.10
201 (701)	201	168	155	0.92	336	47.9%	2.00	493	2.93
202 (1232)	202	166	217	1.31	465	37.7%	2.80	682	4.11
203 (1112)	203	108	203	1.88	508	45.7%	4.70	711	6.58
204 (1501)	204	747	532	0.71	794	52.9%	1.06	1,326	1.78
205 (800)	205	592	458	0.77	428	53.5%	0.72	886	1.50
206 (1496)	206	458	350	0.76	604	40.4%	1.32	955	2.08
207 (1051)	207	306	322	1.05	500	47.6%	1.63	822	2.69
208 (750)	208	466	205	0.44	280	37.3%	0.60	485	1.04
209 (1197)	209	574	277	0.48	522	43.6%	0.91	799	1.39

Table 12. Continued

Permit Area # (# Permits)	Block Number	Area (Mi ²)	Number ⁴ Bucks	Bucks/ Mi ²	No. ⁵ AL	AL Success	AL/ Mi ²	Total Deer	Total/ Mi ²
210 (1799)	210	498	440	0.88	723	40.2%	1.45	1,163	2.34
214 (0)	214	112	15	0.13	0		0.00	15	0.13
221 (577)	221	649	373	0.57	334	57.9%	0.52	707	1.09
222 (755)	222	429	422	0.98	440	58.3%	1.03	862	2.01
223 (1007)	223	369	226	0.61	400	39.7%	1.08	626	1.70
224 (506)	224	45	36	0.80	55	10.9%	1.22	91	2.02
225 (2174)	225	666	734	1.10	1,035	47.6%	1.55	1,769	2.66
226 (2521)	226	751	718	0.96	934	37.0%	1.24	1,652	2.20
234 (904)	236	730	358	0.49	270	29.9%	0.37	628	0.86
235 (157)	235	61	63	1.03	70	44.6%	1.15	133	2.18
241	244	623	1,001	1.61	970		1.56	1,971	3.16
	245	648	1,175	1.81	1,480		2.28	2,655	4.10
	unk		7		17			24	
	(4164)	Total	1,271	2,183	1.72	2,467	59.2%	1.94	4,650
246 (4932)	246	1,015	1,757	1.73	2,960	60.0%	2.92	4,717	4.65
247 (1734)	247	651	806	1.24	957	55.2%	1.47	1,763	2.71
248 (544)	248	135*	258	1.91	316	58.1%	2.34	574	4.25
249 (1472)	249	543	601	1.11	910	61.8%	1.68	1,511	2.78
251 (607)	251	66	141	2.14	302	49.8%	4.58	443	6.71
296 (436)	296	1,146	658	0.57	300	68.8%	0.26	958	0.84
337	337 ₃	777	222	0.29	318		0.41	540	0.70
	340 ₃	165	41	0.25	59		0.36	100	0.61
	(699)	Total	942	263	0.28	377	53.9%	0.40	640
338 (843)	338	373	188	0.50	254	30.1%	0.68	442	1.18
339 (799)	339	669	237	0.35	280	35.0%	0.42	517	0.77
341 (2001)	341	652	643	0.99	1,008	50.4%	1.55	1,651	2.53
342 (1499)	342	396	503	1.27	804	53.6%	2.03	1,307	3.30
343 (1542)	343	656	592	0.90	689	44.7%	1.05	1,281	1.95
344 (1507)	344	184	596	3.24	828	54.9%	4.50	1,424	7.74
345 (1686)	345	332	530	1.60	985	58.4%	2.97	1,516	4.57
346 (2001)	346	374	807	2.16	1,138	56.9%	3.04	1,945	5.20
347 (1101)	347	434	554	1.28	644	58.5%	1.48	1,178	2.71
348 (1102)	348	327	599	1.83	729	66.1%	2.23	1,328	4.06
349 (2297)	349	510	966	1.89	1,302	56.7%	2.55	2,268	4.45
401 (293)	401	1,024	148	0.14	146	49.8%	0.14	294	0.29
402 (655)	402	1,023	233	0.22	331	50.5%	0.32	564	0.55
403 (600)	403	375	196	0.52	315	52.5%	0.84	511	1.36
404 (1299)	404	619	397	0.64	601	46.2%	0.97	998	1.61
405 (1438)	405	638	382	0.60	731	50.8%	1.15	1,113	1.74
406 (1142)	406	412	259	0.63	526	46.9%	1.28	785	1.90
407 (1582)	407	596	457	0.77	971	61.4%	1.63	1,428	2.40
408 (1375)	408	499	362	0.72	850	61.8%	1.70	1,212	2.43

*approx. 135 mi² outside Camp Ripley

Table 12. Continued

Permit Area # (# Permits) ¹	Block Number	Area (mi ²)	Number ⁴ Bucks	Bucks/ Mi ²	No. ⁵ AL	AL Success	AL/ Mi ²	Total Deer	Total/ Mi ²
409 (2008)	409	415	607	1.46	1,111	55.3%	2.68	1,718	4.14
410 (3620)	410	1,071	1,072	1.00	1,687	46.6%	1.58	2,759	2.58
411 (3612)	411	678	913	1.35	1,735	48.0%	2.56	2,648	3.91
412 (2537)	412	1,158	823	0.71	1,257	49.5%	1.08	2,080	1.80
413 (1360)	413	645	582	0.90	694	51.0%	1.08	1,276	1.98
414 (1668)	414	566	599	1.03	938	56.2%	1.66	1,537	2.72
415 (796)	415	748	294	0.39	366	46.0%	0.49	660	0.88
416 (1014)	416	592	474	0.80	617	60.8%	1.04	1,091	1.84
417 (2446)	417	978	704	0.72	1,196	48.9%	1.22	1,900	1.94
418 (1242)	418	781	415	0.53	636	51.2%	0.81	1,051	1.35
419 (849)	419	770	296	0.38	369	43.5%	0.48	665	0.86
420 (799)	420	639	241	0.38	341	42.7%	0.53	582	0.91
421 (747)	421	718	225	0.31	293	39.2%	0.41	518	0.72
422 (400)	422	620	187	0.30	217	54.1%	0.35	404	0.65
423 (502)	423	542	224	0.41	288	57.4%	0.53	512	0.94
424 (417)	424	502	211	0.42	255	61.0%	0.51	466	0.93
425 (204)	425	431	106	0.25	115	56.4%	0.27	221	0.51
426 (446)	426	543	210	0.39	275	61.7%	0.51	485	0.89
427 (325)	427	737	254	0.34	179	55.1%	0.24	434	0.59
428 (477)	428	590	164	0.28	197	41.3%	0.33	361	0.61
431 (700)	431	454	252	0.56	373	53.3%	0.82	625	1.38
	432	64	51	0.80	55		0.86	106	1.66
430	433	552	329	0.60	281		0.51	610	1.10
	434	517	286	0.55	224		0.43	510	0.99
	unk		6		8			14	
(927)	Total	1,133	672	0.59	568	61.3%	0.50	1,240	1.09
	436	338	218	0.64	329		0.97	548	1.62
435	437	456	200	0.44	290		0.64	490	1.07
	unk		4		12			16	
(1226)	Total	794	422	0.53	631	51.5%	0.79	1,054	1.33
	438	428	115	0.27	161		0.38	276	0.64
440	439	353	137	0.39	185		0.52	322	0.91
	unk		2		4			6	
(737)	Total	781	254	0.32	350	47.5%	0.45	604	0.77
	442	576	300	0.52	381		0.66	681	1.18
	443	502	250	0.50	299		0.60	549	1.09
445	444	244	63	0.26	65		0.27	128	0.52
	unk		21		29			50	
(1379)	Total	1,322	634	0.48	774	56.1%	0.58	1,408	1.06
446 (601)	446	296	177	0.60	342	56.7%	1.16	519	1.75
447 (457)	447	456	196	0.43	303	66.3%	0.66	499	1.09
448 (458)	448	444	323	0.73	348	76.0%	0.78	671	1.51
449 (643)	449	465	347	0.75	460	71.4%	0.99	807	1.74
450 (261)	450	874	180	0.21	165	63.2%	0.19	345	0.40
451 (559)	451	689	315	0.46	346	62.8%	0.50	661	0.96

Table 12. Continued

Permit Area # (# Permits) ¹	Block Number	Area (Mi ²)	Number ⁴ Bucks	Bucks/ Mi ²	No. ⁵ AL	AI Success	AL/ Mi ²	Total Deer	Total/ Mi ²
452 (450)	452	617	183	0.30	254	56.4%	0.41	437	0.71
453 (353)	453	742	201	0.27	247	69.8%	0.33	448	0.60
454 (530)	454	826	344	0.42	356	67.2%	0.43	701	0.85
455 (202)	455	76	52	0.68	97	48.0%	1.28	149	1.96
456 (413)	456	755	280	0.37	276	66.7%	0.37	556	0.74
457 (324)	457	632	213	0.34	197	60.8%	0.31	410	0.65
458 (222)	458	739	206	0.28	142	63.7%	0.19	348	0.47
459 (534)	459	977	397	0.41	367	68.7%	0.38	764	0.78
461 (478)	461	509	225	0.44	253	52.8%	0.50	478	0.94
462 (737)	462	530	239	0.45	344	46.7%	0.65	583	1.10
463 (321)	463	454	177	0.39	219	68.0%	0.48	396	0.87
464 (508)	464	365	170	0.47	259	50.9%	0.71	430	1.18
465 (401)	465	381	114	0.30	158	39.3%	0.42	272	0.71
466 (805)	466	942	279	0.30	341	42.4%	0.36	620	0.66
467 (599)	467	762	189	0.25	241	40.2%	0.32	430	0.56
UNKNOWN			252		479			731	
TOTAL									
(130,519)		82,444	60,980	0.74	68,790	52.7%	0.83	129,770	1.57

¹ Bonus licenses not included.

² Part of Block #123 lies in Permit Area #124 and part lies outside of it. The total acreage is included here.

³ Part of Block #340 lies in Permit Area #337 and part in Permit Area #338 and #339. The total acreage is included here.

⁴ Includes adult males, unknown sex adults, unknown age males, and unidentified deer taken by both buck-only hunters and antlerless permit holders.

⁵ Includes adult and unknown age females and all fawns.

Table 13. Registered harvest and harvest/mi² by Block within Deer Management Unit (DMU), 1982-1986.

Block No.	Size (mi ²)	Registered Harvest (Harvest/Mile ²)					1986
		1982	1983	1984	1985	1986	
401	1,024	133 (0.13)	184 (0.18)	232 (0.23)	314 (0.31)	294 (0.29)	
402	1,023	202 (0.20)	276 (0.27)	385 (0.38)	606 (0.59)	564 (0.55)	
Red River W.	2,047	335 (0.16)	460 (0.22)	617 (0.30)	920 (0.45)	858 (0.42)	
403	375	307 (0.82)	390 (1.04)	520 (1.39)	479 (1.28)	511 (1.36)	
404	619	530 (0.86)	736 (1.19)	989 (1.60)	1,088 (1.76)	998 (1.61)	
405	638	523 (0.82)	647 (1.02)	997 (1.56)	1,312 (2.06)	1,113 (1.74)	
406	412	393 (0.95)	559 (1.36)	726 (1.76)	989 (2.40)	785 (1.90)	
407	596	665 (1.12)	855 (1.44)	1,164 (1.95)	1,410 (2.37)	1,428 (2.40)	
408	499	523 (1.05)	763 (1.53)	833 (1.67)	1,343 (2.69)	1,212 (2.43)	
Red River E.	3,128	2,941 (0.94)	3,950 (1.26)	5,229 (1.67)	6,621 (2.12)	6,047 (1.93)	
RED RIVER TOTAL	5,175	3,276 (0.63)	4,410 (0.85)	5,846 (1.13)	7,541 (1.46)	6,905 (1.33)	
201	168	190 (1.13)	383 (2.28)	527 (3.14)	804 (4.79)	493 (2.93)	
202	166	275 (1.66)	519 (3.13)	578 (3.48)	966 (5.82)	682 (4.11)	
203	108	289 (2.68)	490 (4.53)	617 (5.71)	753 (6.97)	711 (6.58)	
204	747	1,121 (1.50)	1,512 (2.02)	1,819 (2.44)	1,951 (2.61)	1,326 (1.78)	
205	592	601 (1.02)	1,150 (1.95)	1,226 (2.07)	1,259 (2.13)	886 (1.50)	
206	458	500 (1.09)	944 (2.06)	1,112 (2.43)	1,503 (3.28)	955 (2.08)	
207	306	541 (1.77)	843 (2.75)	1,016 (3.32)	1,069 (3.49)	822 (2.69)	
208	466	230 (0.49)	526 (1.13)	592 (1.27)	696 (1.49)	485 (1.04)	
209	574	378 (0.66)	721 (1.25)	895 (1.56)	1,012 (1.76)	799 (1.39)	
210	498	426 (0.86)	799 (1.61)	1,088 (2.18)	1,364 (2.74)	1,163 (2.34)	
AGASSIZ TOTAL	4,083	4,551 (1.11)	7,887 (1.93)	9,470 (2.32)	11,377 (2.79)	8,322 (2.04)	
101	743	1,841 (2.48)	2,177 (2.93)	2,548 (3.43)	1,806 (2.43)	684 (0.92)	
102	1,123	938 (0.84)	1,035 (0.92)	1,163 (1.04)	1,121 (1.00)	598 (0.53)	
103	646	15 (0.02)	8 (0.01)	18 (0.03)	1 (0.00)	2 (0.00)	
214	112	14 (0.13)	20 (0.18)	13 (0.17)	16 (0.14)	15 (0.13)	
Unk				5	13	7	
Rainy River W.	2,624	2,808 (1.07)	3,240 (1.23)	3,747 (1.43)	2,957 (1.13)	1,306 (0.50)	
104	457	264 (0.58)	356 (0.78)	290 (0.63)	222 (0.49)	215 (0.47)	
105	654	167 (0.26)	320 (0.49)	282 (0.43)	226 (0.35)	268 (0.41)	
106	911	998 (1.00)*	1,600 (1.60)*	1,449 (1.45)*	703 (0.77)	728 (0.80)	
110	89				549 (6.17)	480 (5.39)	
Unk				4	5	2	
Rainy River C.	2,111	1,429 (0.68)	2,276 (1.08)	2,025 (0.96)	1,705 (0.81)	1,691 (0.80)	
107	1,007	799 (0.79)	1,358 (1.35)	972 (0.97)	992 (0.99)	1,059 (1.05)	
108	574	504 (0.88)	1,002 (1.74)	754 (1.31)	705 (1.23)	639 (1.11)	
109	243	196 (0.81)	406 (1.67)	459 (1.89)	392 (1.61)	410 (1.69)	
195	140	2 (0.01)	1 (0.01)	1 (0.01)	0 (0.00)	2 (0.01)	
Unk				36	85	76	
Rainy River E.	1,964	1,501 (0.76)	2,767 (1.41)	2,222 (1.13)	2,174 (1.11)	2,186 (1.11)	
RAINY RIVER TOTAL	6,699	5,738 (0.86)	8,283 (1.24)	7,994 (1.19)	6,836 (1.02)	5,183 (0.77)	

Table 13. Continued.

Block No.	Size (mi ²)	Registered Harvest (Harvest/Mile ²)					1985	1986
		1982	1983	1984	1985	1986		
119	412	385 (0.93)	506 (1.23)	565 (1.37)	753 (1.83)	738 (1.79)		
120	399	607 (1.52)	1,269 (3.18)	1,027 (3.43)	1,419 (4.75)	1,346 (4.50)		
121	370	166 (0.45)	274 (0.74)	283 (0.63)	393 (1.06)	443 (1.20)		
Superior W.	1,181	1,158 (0.98)	2,049 (1.73)	1,825 (1.55)	2,565 (2.17)	2,527 (2.34)		
122	240	341 (0.76)*	251 (1.05)	277 (1.15)	330 (1.38)	442 (1.84)		
123	274	132 (0.20)*	188 (0.69)	131 (0.48)	177 (0.65)	197 (0.72)		
124	276	-Included in Blk 123		339 (1.22)	263 (0.95)	291 (1.05)	396 (1.44)	
125	238	294 (1.23)	380 (1.60)	304 (1.28)	386 (1.62)	389 (1.63)		
Superior C.	1,028	767 (0.47)*	1,158 (1.13)	975 (0.95)	1,184 (1.15)	1,424 (1.38)		
126	471	205 (0.59)*	192 (0.41)	152 (0.32)	208 (0.44)	198 (0.42)		
127	630	50 (0.12)*	55 (0.13)	38 (0.06)	78 (0.12)	89 (0.14)		
128	500	157 (0.31)	172 (0.35)	170 (0.34)	241 (0.48)	208 (0.42)		
129	208	51 (0.25)	51 (0.24)	56 (0.27)	80 (0.38)	54 (0.26)		
130	222	9 (0.04)	11 (0.05)	4 (0.02)	6 (0.03)	12 (0.05)		
Superior E.	2,031	472 (0.28)*	481 (0.24)	420 (0.21)	613 (0.30)	561 (0.28)		
115	303	3 (0.01)	6 (0.02)	6 (0.02)	9 (0.03)	10 (0.03)		
116	532	29 (0.05)	22 (0.04)	17 (0.03)	36 (0.09)	29 (0.05)		
117	1,003	14 (0.01)	11 (0.01)	18 (0.02)	5 (0.00)	8 (0.00)		
118	100	0 (0.00)	17 (0.17)	0 (0.00)	0 (0.00)	3 (0.03)		
Superior Wild.	1,938	46 (0.02)	56 (0.03)	41 (0.02)	50 (0.03)	50 (0.03)		
194 (IR.)	73	3 (0.04)	4 (0.05)	0 (0.00)	3 (0.04)	4 (0.04)		
SUPERIOR TOTAL	6,251	2,446 (0.39)	3,748 (0.60)	3,261 (0.52)	4,415 (0.71)	4,566 (0.73)		
167	272	811 (2.98)	1,087 (4.00)	1,068 (3.93)	1,113 (4.09)	791 (2.91)		
168	560	1,627 (2.91)	2,328 (4.16)	2,163 (3.86)	2,234 (3.99)	1,747 (3.12)		
169	657	1,879 (2.86)	3,101 (4.72)	2,678 (4.08)	2,818 (4.29)	1,985 (3.02)		
Unk				135	30	13		
Itasca NW	1,489	4,317 (2.90)	6,516 (4.38)	6,044 (4.06)	6,195 (4.16)	4,536 (3.05)		
170	574	920 (1.60)	1,063 (1.85)	986 (1.72)	1,139 (1.98)	929 (1.62)		
171	484	947 (1.96)	1,318 (2.73)	1,097 (2.27)	1,237 (2.56)	909 (1.88)		
172	509	1,830 (3.60)	2,119 (4.17)	2,103 (4.13)	2,313 (4.54)	1,698 (3.34)		
173	544	1,205 (2.22)	1,410 (2.59)	1,410 (2.59)	1,433 (2.63)	1,077 (1.98)		
174	363	639 (1.76)	830 (2.28)	707 (1.95)	762 (2.10)	598 (1.65)		
Unk				25	26	7		
Itasca SW	2,474	5,541 (2.24)	6,740 (2.72)	6,328 (2.56)	6,910 (2.79)	5,218 (2.11)		
175	754	993 (1.32)	1,256 (1.67)	971 (1.29)	1,188 (1.58)	1,357 (1.80)		
176	408	421 (1.03)	495 (1.21)	407 (1.00)	601 (1.47)	566 (1.39)		
177	413	378 (0.92)	391 (0.95)	354 (0.86)	337 (0.82)	452 (1.09)		
178	445	379 (0.85)	397 (0.90)	260 (0.58)	476 (1.07)	463 (1.09)		
179	659	1,059 (1.61)	1,314 (1.99)	919 (1.39)	1,167 (1.77)	1,198 (1.82)		
Unk				26	173	40		
Itasca NE	2,679	3,230 (1.21)	3,853 (1.44)	2,937 (1.10)	3,942 (1.47)	4,076 (1.52)		

Table 13. Continued.

Block No.	Size (mi ²)	Registered Harvest (Harvest/Mile ²)				
		1982	1983	1984	1985	1986
180	749	962 (1.28)	1,298 (1.73)	998 (1.33)	1,005 (1.34)	1,187 (1.58)
181	585	836 (1.43)	1,205 (2.06)	866 (1.48)	909 (1.55)	1,028 (1.76)
182	549	760 (1.38)	1,163 (2.12)	880 (1.60)	721 (1.31)	940 (1.71)
183	932	1,553 (1.67)	2,211 (2.37)	1,586 (1.70)	1,683 (1.81)	1,773 (1.90)
199	155	109 (0.70)	149 (0.96)	71 (0.46)	78 (0.50)	121 (0.78)
Unk				2	279	3
Itasca SE	2,970	4,220 (1.42)	6,026 (2.03)	4,403 (1.48)	4,675 (1.57)	5,052 (1.70)
197	629	610 (0.97)	857 (1.36)	701 (1.11)	713 (1.13)	702 (1.15)
198	426	430 (1.01)	530 (1.25)	527 (1.24)	420 (0.99)	464 (1.09)
Unk				3		0
Leach Lake IR	1,055	1,040 (0.99)	1,387 (1.31)	1,231 (1.17)	1,133 (1.07)	1,166 (1.10)
184	544	1,544 (2.84)	2,039 (3.75)	2,098 (3.86)	1,488 (2.74)	1,443 (2.65)
185	351	1,094 (3.12)	1,591 (4.54)	1,709 (4.87)	1,176 (3.35)	1,137 (3.24)
186	668	2,610 (3.91)	3,514 (5.26)	3,816 (5.71)	2,770 (4.15)	2,689 (4.02)
187	53	171 (3.23)	239 (4.51)	282 (5.32)	216 (4.08)	191 (3.60)
Unk				5		0
Bemidji	1,616	5,419 (3.35)	7,383 (4.57)	7,910 (4.89)	5,650 (3.50)	5,460 (3.38)
ITASCA TOTAL	12,283	23,767 (1.93)	31,905 (2.60)	28,853 (2.35)	28,505 (2.32)	25,508 (2.08)
244	623	1,819 (2.92)	2,957 (4.75)	2,868 (4.60)	2,763 (4.43)	1,971 (3.16)
245	648	3,043 (4.70)	4,076 (6.29)	4,031 (6.22)	3,322 (5.13)	2,655 (4.10)
251	66	433 (6.56)	461 (6.98)	478 (7.24)	450 (6.82)	443 (6.71)
Unk				102	70	24
Mille Lacs W.	1,337	5,295 (3.96)	7,494 (5.61)	7,479 (5.59)	6,605 (4.94)	5,093 (3.81)
246	1,015	2,597 (2.56)	4,878 (4.80)	5,744 (5.66)	4,847 (4.78)	4,717 (4.65)
247	651	1,029 (1.58)	1,894 (2.91)	2,282 (3.51)	1,780 (2.73)	1,763 (2.71)
248	240	308 (1.28)	532 (2.22)	740 (3.08)	454 (1.89)	574 (4.25)
249	543	927 (1.71)	1,614 (2.97)	1,940 (3.57)	1,450 (2.67)	1,511 (2.78)
Mille Lacs C.	2,449	4,861 (1.98)	8,918 (3.64)	10,706 (4.37)	8,531 (3.48)	8,565 (3.50)
151	22**	85 (3.86)	114 (5.18)	42 (1.91)		
152	47	343 (7.30)	288 (6.13)	212 (4.51)	70 (1.49)	83 (1.77)
153	69	266 (3.86)	205 (2.97)	1 (0.01)	0 (0.00)	1 (0.01)
154	177	414 (2.34)	461 (2.60)	321 (1.81)	348 (1.97)	353 (1.99)
155	362	732 (2.15)*	1,024 (3.01)*	937 (2.76)*	900 (2.49)	614 (1.70)
156	626	1,268 (2.03)	1,297 (2.07)	977 (1.56)	1,039 (1.66)	1,026 (1.64)
157	392	911 (2.32)	967 (2.47)	959 (2.45)	581 (1.48)	794 (2.03)
158	502	1,016 (2.12)	2,062 (4.11)	2,158 (4.30)	1,346 (2.68)	1,053 (2.10)
159	515	1,485 (2.88)	1,865 (3.62)	1,655 (3.62)	1,570 (3.05)	1,275 (2.48)
Mille Lacs E.	2,690	6,570 (2.44)	8,283 (3.08)	7,262 (2.70)	5,854 (2.18)	5,199 (1.93)
296 (W.E.I.R.)	1,186	810 (0.68)	914 (0.80)	902 (0.79)	907 (0.79)	958 (0.84)
MILLE LACS TOTAL	7,662	17,536 (2.29)	25,609 (3.34)	26,349 (3.44)	21,897 (2.86)	19,815 (2.59)

Table 13. Continued.

Block No.	Size (mi ²)	Registered Harvest (Harvest/Mile ²)							
		1982	1983	1984	1985	1986			
409	415	1,080 (2.60)	1,299 (3.13)	1,563 (3.77)	1,588 (3.83)	1,718 (4.14)			
410	1,071	1,903 (1.78)	2,143 (2.00)	2,478 (2.31)	2,491 (2.33)	2,759 (2.58)			
411	678	1,926 (2.84)	2,149 (3.17)	2,464 (3.63)	2,482 (3.66)	2,648 (3.91)			
412	1,158	1,237 (1.07)	1,560 (1.34)	1,717 (1.48)	1,972 (1.70)	2,080 (1.80)			
413	645	903 (1.40)	1,161 (1.80)	866 (1.34)	1,259 (1.95)	1,276 (1.98)			
414	566	1,001 (1.77)	1,129 (2.00)	1,159 (2.05)	1,288 (2.28)	1,537 (2.72)			
415	748	467 (0.62)	584 (0.79)	626 (0.84)	807 (1.08)	660 (0.88)			
416	592	696 (1.18)	923 (1.56)	1,094 (1.85)	1,214 (2.05)	1,091 (1.84)			
417	978	1,201 (1.23)	1,693 (1.74)	1,416 (1.45)	1,744 (1.78)	1,900 (1.94)			
418	781	514 (0.66)	745 (0.95)	708 (0.91)	1,072 (1.37)	1,051 (1.35)			
419	770	322 (0.42)	565 (0.73)	557 (0.72)	647 (0.84)	665 (0.86)			
Big Woods N.	8,402	11,250 (1.34)	13,951 (1.66)	14,648 (1.74)	16,564 (1.97)	17,385 (2.07)			
221	649	582 (0.90)	916 (1.42)	863 (1.33)	922 (1.42)	707 (1.09)			
222	429	519 (1.21)	802 (1.87)	845 (1.97)	1,052 (2.45)	862 (2.01)			
223	369	573 (1.55)	753 (2.04)	537 (1.46)	888 (2.41)	626 (1.70)			
224	45	325 (7.22)	238 (5.29)	271 (6.02)	267 (5.93)	91 (2.02)			
225	666	1,232 (1.87)	1,599 (2.40)	1,523 (2.29)	1,784 (2.68)	1,769 (2.66)			
226	751	799 (1.06)	1,407 (1.87)	1,323 (1.76)	1,637 (2.18)	1,652 (2.20)			
Big Woods C.	2,909	4,030 (1.39)	5,715 (1.96)	5,362 (1.84)	6,550 (2.25)	5,707 (1.96)			
235	61	108 (1.77)	159 (2.61)	146 (2.39)	128 (2.10)	133 (2.18)			
236	730	240 (0.33)	421 (0.58)	461 (0.63)	673 (0.92)	628 (0.86)			
337	777	126 (0.19)*	291 (0.43)*	226 (0.34)*	500 (0.64)	540 (0.70)			
338	373	220 (0.37)*	333 (0.56)*	430 (0.73)*	440 (1.18)	442 (1.18)			
339	669	232 (0.32)*	358 (0.49)*	459 (0.63)*	540 (0.81)	517 (0.77)			
340	165				66 (0.40)	100 (0.61)			
Big Woods Metro	2,775	926 (0.33)	1,562 (0.56)	1,722 (0.62)	2,347 (0.85)	2,360 (0.85)			
341	652	703 (1.08)	906 (1.38)	1,405 (2.15)	1,507 (2.31)	1,651 (2.53)			
342	396	678 (1.71)	831 (2.10)	1,179 (2.98)	1,234 (3.12)	1,307 (3.30)			
343	656	410 (0.63)	629 (0.96)	978 (1.49)	987 (1.50)	1,281 (1.95)			
344	184	951 (5.17)	1,132 (6.16)	1,027 (5.58)	1,285 (6.98)	1,424 (7.74)			
345	332	763 (2.30)	882 (2.65)	1,205 (3.63)	1,423 (4.29)	1,516 (4.57)			
346	374	1,213 (3.24)	1,354 (3.62)	1,609 (4.30)	1,770 (4.73)	1,945 (5.20)			
347	434	459 (1.06)	782 (1.80)	1,059 (2.44)	1,059 (2.44)	1,178 (2.71)			
348	327	684 (2.09)	1,046 (3.20)	1,187 (3.63)	1,275 (3.90)	1,328 (4.06)			
349	510	1,237 (2.43)	1,428 (2.80)	1,831 (3.59)	1,912 (3.75)	2,268 (4.45)			
Big Woods SE	3,865	7,098 (1.84)	8,990 (2.33)	11,480 (2.97)	12,452 (3.22)	13,898 (3.60)			
BIG WOODS TOTAL	17,951	23,304 (1.30)	30,218 (1.68)	33,212 (1.85)	37,913 (2.11)	39,350 (2.19)			
420	639	273 (0.43)	487 (0.76)	572 (0.90)	631 (0.99)	582 (0.91)			
421	718	269 (0.37)	368 (0.51)	494 (0.69)	482 (0.67)	518 (0.72)			
422	620	209 (0.34)	273 (0.44)	431 (0.70)	520 (0.84)	404 (0.65)			
423	542	279 (0.51)	409 (0.75)	429 (0.79)	538 (0.99)	512 (0.94)			
424	502	223 (0.44)	310 (0.62)	366 (0.73)	479 (0.95)	466 (0.93)			
425	431	56 (0.13)	143 (0.33)	124 (0.29)	202 (0.47)	221 (0.51)			
426	543	381 (0.70)	549 (1.01)	466 (0.86)	445 (0.82)	485 (0.89)			
427	737	347 (0.47)	465 (0.63)	343 (0.47)	471 (0.64)	434 (0.59)			
428	590	289 (0.49)	432 (0.73)	274 (0.46)	329 (0.56)	361 (0.61)			
Prairie N.	5,322	2,326 (0.44)	3,436 (0.65)	3,499 (0.66)	4,097 (0.77)	3,983 (0.75)			

Table 13. Continued.

Block No.	Size (mi ²)	Registered Harvest (Harvest/Mile ²)				
		1982	1983	1984	1985	1986
431	454	306 (0.67)	536 (1.18)	541 (1.19)	725 (1.60)	625 (1.38)
432	64	94 (1.47)	241 (3.76)	320 (5.00)	155 (2.42)	106 (1.66)
433	552	439 (0.80)	519 (0.94)	552 (1.00)	722 (1.31)	610 (1.10)
434	517	342 (0.66)	648 (1.26)	485 (0.94)	685 (1.32)	510 (0.99)
436	338	347 (1.03)	579 (1.72)	334 (0.99)	459 (1.36)	548 (1.62)
437	456	419 (0.92)	506 (1.11)	408 (0.89)	431 (0.95)	490 (1.07)
438	428	282 (0.66)	371 (0.87)	275 (0.64)	326 (0.76)	276 (0.64)
439	353	336 (0.95)	496 (1.41)	361 (1.02)	421 (1.19)	322 (0.91)
442	576	615 (1.07)	859 (1.50)	598 (1.04)	757 (1.31)	681 (1.18)
443	502	520 (1.04)	633 (1.26)	485 (0.97)	529 (1.05)	549 (1.09)
444	244	128 (0.52)	132 (0.54)	121 (0.50)	151 (0.62)	128 (0.52)
Unk				23	135	86
Prairie River	4,484	3,828 (0.85)	5,520 (1.23)	4,503 (1.00)	5,496 (1.23)	4,931 (1.10)
446	296	395 (1.33)	467 (1.57)	500 (1.69)	534 (1.80)	519 (1.75)
447	456	340 (0.75)	439 (0.97)	494 (1.08)	486 (1.07)	499 (1.09)
448	444	387 (0.87)	664 (1.49)	554 (1.25)	567 (1.28)	671 (1.51)
449	465	413 (0.89)	610 (1.31)	709 (1.52)	768 (1.65)	807 (1.74)
450	874	354 (0.41)	544 (0.63)	290 (0.33)	344 (0.39)	345 (0.40)
451	689	213 (0.31)	497 (0.72)	483 (0.70)	617 (0.90)	661 (0.96)
452	617	168 (0.27)	296 (0.48)	312 (0.51)	378 (0.61)	437 (0.71)
453	742	168 (0.23)	604 (0.82)	310 (0.42)	400 (0.54)	448 (0.60)
454	826	550 (0.67)	1,176 (1.42)	554 (0.67)	814 (0.99)	701 (0.85)
455	76	131 (1.72)	195 (2.37)	172 (2.26)	151 (1.99)	149 (1.96)
456	755	285 (0.38)	681 (0.91)	389 (0.52)	459 (0.61)	556 (0.74)
457	632	286 (0.45)	609 (0.96)	409 (0.65)	410 (0.65)	410 (0.65)
458	739	262 (0.35)	452 (0.61)	322 (0.44)	339 (0.46)	348 (0.47)
459	977	344 (0.35)	736 (0.75)	569 (0.58)	536 (0.55)	764 (0.78)
Prairie SW	8,588	4,296 (0.50)	7,970 (0.93)	6,067 (0.71)	6,803 (0.79)	1,315 (0.85)
461	509	317 (0.62)	569 (1.12)	453 (0.89)	478 (0.94)	478 (0.94)
462	530	384 (0.72)	603 (1.13)	718 (1.35)	531 (1.00)	583 (1.10)
463	454	193 (0.43)	368 (0.82)	390 (0.86)	346 (0.76)	396 (0.87)
464	365	155 (0.42)	288 (0.79)	231 (0.63)	297 (0.81)	430 (1.18)
465	381	85 (0.22)	161 (0.42)	195 (0.51)	217 (0.57)	272 (0.71)
466	942	276 (0.29)	566 (0.60)	706 (0.75)	443 (0.47)	620 (0.66)
467	762	89 (0.12)	277 (0.36)	206 (0.27)	270 (0.35)	430 (0.56)
Prairie SE	3,943	1,499 (0.38)	2,832 (0.72)	2,899 (0.74)	2,582 (0.65)	3,209 (0.81)
PRAIRIE TOTAL	22,340	11,949 (0.53)	19,758 (0.88)	16,968 (0.76)	18,978 (0.85)	19,438 (0.87)
UNKNOWN		478	639	89	603	683
STATE TOTAL	82,444	93,045 (1.13)	132,457 (1.61)	132,042 (1.60)	138,065 (1.67)	129,770 (1.57)

* Boundaries of these blocks changed between the 1982-1983 and between the 1984-1985 seasons. The kill/mi² figures shown reflect these changes in areas. The size of the areas in the first column are 1985 figures.

** Beginning in 1985, Kill Block #151 was included in Kill Block #155.

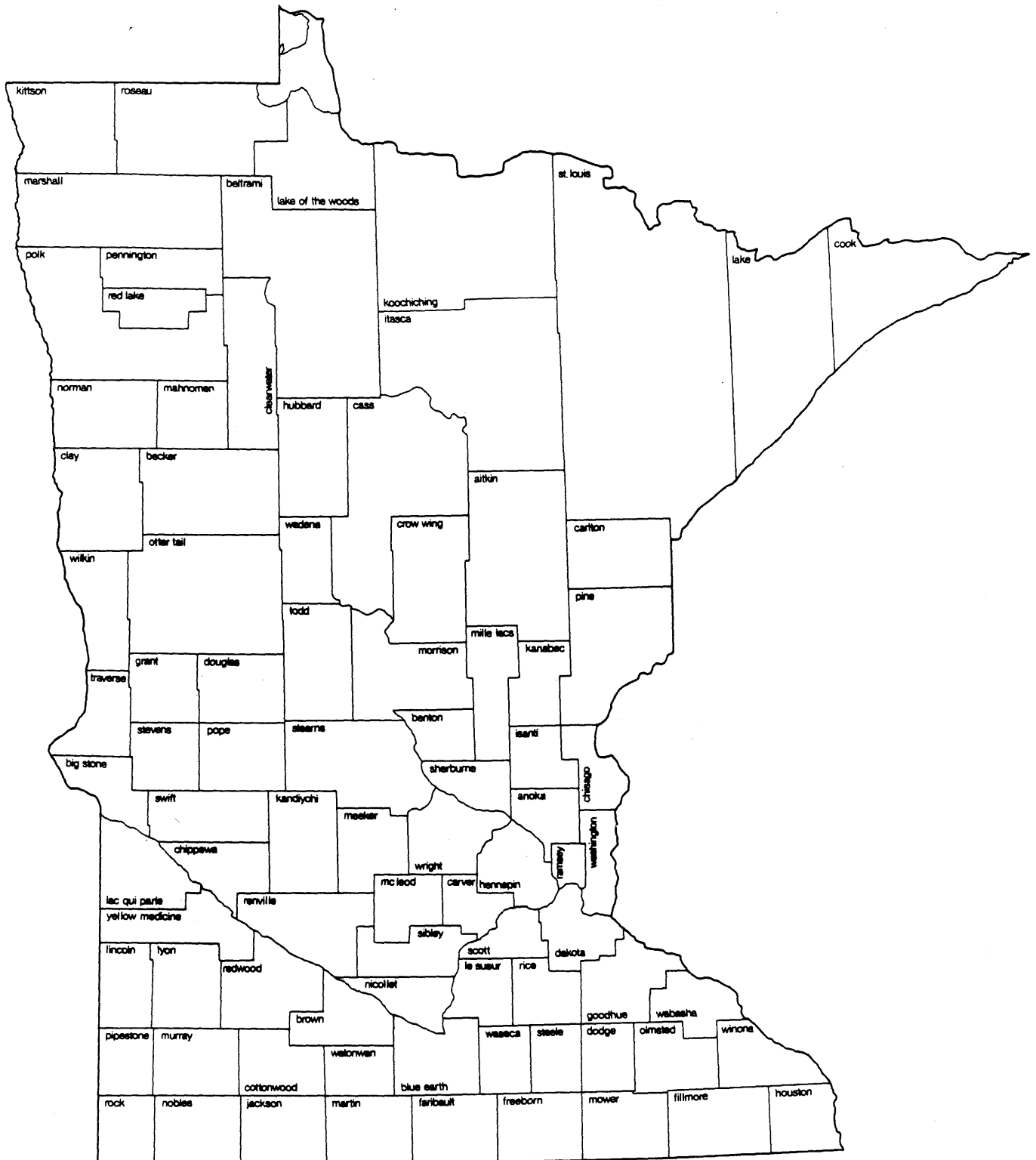


Figure 4. Counties of Minnesota.

Table 14. Registered firearms kill by county, 1986.

County	Adult		Fawns		Unknown	Total
	Male	Female	Male	Female		
Aitkin	2,017	946	239	205	0	3,407
Anoka	376	253	58	83	1	801
Becker	1,621	1,143	340	293	0	3,397
Beltrami	2,347	1,140	277	242	0	4,006
Benton	193	122	24	15	0	354
Big Stone	256	247	90	56	0	649
Blue Earth	359	281	85	63	0	788
Brown	233	210	49	28	0	515
Carlton	689	456	122	79	0	1,346
Carver	156	104	37	19	0	316
Cass	2,883	2,254	521	426	0	6,084
Chippewa	243	155	50	23	0	471
Chisago	562	494	138	144	0	1,338
Clay	555	563	173	153	0	1,444
Clearwater	1,131	752	234	235	0	2,352
Cook	277	1	3	0	0	281
Cottonwood	244	141	55	46	0	486
Crow Wing	1,473	1,084	308	229	0	3,094
Dakota	216	189	48	36	0	489
Dodge	170	124	56	47	0	397
Douglas	583	515	180	132	0	1,410
Faribault	302	224	47	25	0	598
Fillmore	1,270	1,063	356	229	3	2,921
Freeborn	253	211	51	35	0	550
Goodhue	678	614	236	154	0	1,682
Grant	290	243	67	69	0	669
Hennepin	93	72	39	37	0	241
Houston	1,158	1,049	263	250	2	2,820
Hubbard	1,851	1,396	435	376	0	4,058
Isanti	461	420	141	129	0	1,151
Itasca	3,586	2,003	465	401	0	6,455
Jackson	265	186	39	38	0	528
Kanabec	791	222	71	43	0	1,127
Kandiyohi	550	463	198	124	0	1,335
Kittson	685	670	241	233	0	1,829
Koochiching	1,437	699	158	114	0	2,408
Lac Qui Parle	472	339	110	54	0	975
Lake	688	220	27	11	0	946
Lake of the Woods	595	232	63	62	0	952
LeSueur	183	162	41	44	0	430
Lincoln	372	271	98	82	0	823
Lyon	370	302	82	103	0	857
McLeod	191	136	38	23	0	388
Mahnomen	297	81	22	16	0	416
Marshall	1,293	1,286	488	434	1	3,502

(Continued)

Table 14. Continued.

County	Adult		Fawns		Unknown	Total
	Male	Female	Male	Female		
Martin	218	110	24	14	0	366
Meeker	286	266	66	60	0	678
Mille Lacs	643	293	88	64	0	1,088
Morrison	982	842	212	198	0	2,234
Mower	161	131	37	53	0	382
Murray	308	236	75	70	0	689
Nicollet	190	117	69	70	0	446
Nobles	217	173	44	40	1	475
Norman	514	674	267	263	0	1,718
Olmsted	564	461	111	92	0	1,228
Ottertail	2,405	2,402	1,005	790	0	6,602
Pennington	221	280	116	87	0	704
Pine	1,884	771	188	148	0	2,991
Pipestone	176	117	32	15	0	340
Polk	977	981	339	279	0	2,576
Pope	580	517	157	142	0	1,396
Ramsey	1	0	1	0	0	2
Red Lake	237	370	81	83	0	671
Redwood	292	210	55	70	2	629
Renville	384	329	83	76	0	873
Rice	223	186	73	53	0	535
Rock	127	111	48	22	0	308
Roseau	1,178	881	305	238	2	2,604
St. Louis	5,570	3,178	664	515	1	9,927
Scott	181	148	59	40	0	428
Sherburne	377	407	161	110	2	1,057
Sibley	205	182	33	32	0	452
Stearns	655	608	195	182	0	1,640
Steele	176	144	54	44	0	418
Stevens	238	159	49	64	0	510
Swift	427	279	120	86	0	912
Todd	930	863	316	254	0	2,363
Traverse	182	145	41	31	0	399
Wabasha	710	670	232	191	1	1,804
Wadena	864	860	297	281	0	2,302
Waseca	152	133	42	41	0	368
Washington	295	131	36	27	0	489
Watsonwan	142	91	16	14	0	263
Wilkin	196	177	34	47	0	454
Winona	1,512	1,363	512	411	3	3,801
Wright	239	160	67	68	0	534
Yellow Medicine	347	388	106	84	0	925
Unknown	64	27	9	5	0	105
Totals	60,963	44,179	13,515	11,096	17	129,770

Table 15. 1986 Firearm Special Permit Areas information.

<u>Special Area</u>	<u>Dates Open</u>	<u>No. Permits</u>		<u>Deer Taken</u>		<u>Total Harvest</u>
		<u>Reg.</u>	<u>Bonus</u>	<u>Adult Buck</u>	<u>Antler- less</u>	
Baker CP	15-16	75		13	41	54
Carver CP	22-23	109		10	48	58
Crow Wing SP	14-16	40		7	17	24
Elm Creek CP	12/6-7	162		14	64	78
Forestville SP	22-24	99	68	10	119	129
Fort Snelling & MN Valley NWR	8-9 14-15	99	62	29	54	83
Frontenac SP	22-24	30		4	17	21
Glacial Lakes SP	15-18	39		16	19	35
Lake Bronson SP	8-10 14-16	63	51	9	50	59
Lawrence & Belle Plaine WS	22-23	8		n.a.	n.a.	3
Nerstrand SP	15-16	100	68	6	42	48
Orchard Zone	12/12-14	n.a.	n.a.	1	25	26
Rice Lake NWR	15-17	100		7	37	42
Wild River SP	14-16	150		24	51	92
Zippel Bay	8-10	35		7	9	16

Table 16: Statewide Bow and Arrow deer statistics, 1986.

Bow and Arrow licenses sold (5-21-87 report)	68,129
Statewide Bow and Arrow registered deer kill	7,610
Bow and Arrow hunter success by registration	11.2%
Bow and Arrow registered buck harvest ¹	3,391
Percent of total	44.6%
Bow and Arrow registered antlerless harvest	4,219
Percent of total	55.4%

¹ Bucks include adult males and unidentified deer. Adult females and all fawns classed as antlerless deer.

Table 17. Archery deer harvest by county, 1986.

County	Adult		Fawn		Unknown	Total
	Males	Females	Males	Females		
Aitkin	41	44	26	19	0	130
Anoka	91	98	29	29	0	247
Becker	31	22	5	4	0	62
Beltrami	39	40	17	5	0	101
Benton	17	14	3	2	0	36
Big Stone	16	15	4	4	0	39
Blue Earth	45	32	7	11	0	95
Brown	40	19	1	6	0	66
Carlton	9	7	3	3	0	22
Carver	22	24	4	3	0	53
Cass	55	64	15	17	0	151
Chippewa	45	12	13	12	0	82
Chisago	41	74	9	11	0	135
Clay	69	35	18	10	0	132
Clearwater	18	4	3	4	0	29
Cook	1	8	0	3	0	12
Cottonwood	29	24	12	10	0	75
Crow Wing	52	69	21	17	0	159
Dakota	75	61	23	8	0	167
Dodge	33	17	7	6	0	63
Douglas	40	24	10	5	0	79
Faribault	43	17	8	5	0	73
Fillmore	41	24	17	11	0	93
Freeborn	33	25	4	5	0	67
Goodhue	62	33	8	9	0	112
Grant	15	4	3	4	0	26
Hennepin	66	61	21	8	0	156
Houston	40	22	6	7	0	75
Hubbard	54	54	19	8	0	138
Isanti	42	37	11	12	0	102
Itasca	62	72	19	16	0	169
Jackson	29	12	9	4	0	54
Kanabec	25	24	9	3	0	61
Kandiyohi	68	50	15	8	0	141
Kittson	15	3	4	1	0	23
Koochiching	12	11	3	3	0	29
Lac Qui Parle	52	40	12	3	0	107
Lake	13	23	2	2	0	40
Lake of the Woods	4	12	2	4	0	22
LeSueur	31	20	7	4	0	62

(Continued)

Table 17. Continued.

County	Adult		Fawn		Unknown	Total
	Males	Females	Males	Females		
Lincoln	21	16	6	11	0	54
Lyon	32	26	17	5	0	80
McLeod	24	23	5	3	0	55
Mahnomen	6	2	0	0	0	8
Marshall	46	21	5	3	0	75
Martin	29	16	7	3	0	55
Meeker	37	15	4	5	0	61
Mille Lacs	19	15	3	3	0	40
Morrison	124	117	51	31	0	323
Mower	51	40	16	14	0	121
Murray	18	27	13	13	0	71
Nicollet	37	32	9	9	0	88
Nobles	16	16	12	4	0	48
Norman	22	10	4	3	0	39
Olmsted	54	30	13	11	0	108
Ottertail	111	84	14	14	0	223
Pennington	6	8	3	2	0	19
Pine	63	90	18	15	0	186
Pipestone	19	25	7	2	0	53
Polk	61	26	11	4	0	102
Pope	35	28	6	1	0	70
Ramsey	11	11	8	3	0	33
Red Lake	1	4	1	0	0	6
Redwood	33	17	12	6	0	68
Renville	28	20	9	3	0	60
Rice	30	15	9	5	0	59
Rock	16	11	7	5	0	39
Roseau	37	33	13	3	0	86
St. Louis	77	97	25	10	0	209
Scott	49	55	20	12	0	136
Sherburne	56	47	17	8	0	128
Sibley	18	23	2	1	0	44
Stearns	109	89	28	13	0	239
Steele	21	12	7	1	0	41
Stevens	9	10	1	0	0	20
Swift	32	21	10	4	0	67
Todd	63	48	17	13	0	141
Traverse	17	1	1	0	0	19
Wabasha	33	15	8	5	0	61
Wadena	25	25	7	5	0	62

(Continued)

Table 17. Continued.

County	Adult		Fawn		Unknown	Total
	Males	Females	Males	Females		
Waseca	18	13	4	1	0	36
Washington	99	66	18	13	0	196
Watsonwan	21	13	2	3	0	39
Wilkin	16	12	1	3	0	32
Winona	104	48	27	17	0	196
Wright	59	37	14	5	0	115
Yellow Medicine	24	12	6	2	0	44
Unknown	33	18	5	13	1	70
Totals	3,389	2,691	912	616	2	7,610

Table 18. Archery deer harvest by county, 1978-1986.

County	1978	1978	1979	1980	1981	1982	1983	1984	1986
Aitkin	30	34	68	110	107	94	88	140	130
Anoka	45	74	105	169	147	156	168	258	247
Becker	14	10	33	46	52	65	63	67	62
Beltrami	35	29	63	97	130	109	108	126	101
Benton	1	6	7	18	28	29	25	35	36
Big Stone	9	10	25	38	38	42	56	49	39
Blue Earth	48	35	73	80	78	116	94	116	95
Brown	25	27	36	46	48	47	50	38	66
Carlton	6	6	24	30	31	20	30	45	22
Carver	6	9	24	30	34	49	50	65	53
Cass	17	30	48	108	131	118	147	141	151
Chippewa	76	71	114	138	78	92	90	92	82
Chisago	26	31	38	68	78	95	103	142	135
Clay	21	19	44	75	84	94	123	111	132
Clearwater	8	3	17	21	21	27	20	22	29
Cook	2	0	1	12	7	5	9	29	12
Cottonwood	79	60	71	87	73	99	54	90	75
Crow Wing	19	32	47	123	105	99	156	177	159
Dakota	13	21	20	46	51	64	99	124	167
Dodge	14	17	19	26	22	45	76	52	63
Douglas	40	31	32	64	53	77	68	86	79
Faribault	30	31	51	46	49	57	47	58	73
Fillmore	49	22	46	50	64	75	81	108	83
Freeborn	40	38	37	47	34	69	60	61	67
Goodhue	37	34	57	63	69	71	69	113	112
Grant	8	10	19	18	22	27	27	33	26
Hennepin	19	35	78	69	44	97	78	105	156
Houston	36	25	46	55	70	58	67	79	75
Hubbard	32	42	56	97	130	102	98	126	138
Isanti	25	32	46	83	83	82	83	97	102
Itasca	59	36	98	171	146	113	127	155	169
Jackson	28	34	26	47	44	46	42	59	54
Kanabec	13	7	11	35	66	51	49	76	61
Kandiyohi	57	41	41	95	96	111	116	108	141
Kittson	13	1	8	12	10	28	32	24	23
Koochiching	19	23	28	33	18	21	29	20	29
Lac Qui Parle	28	38	53	87	82	78	108	141	107
Lake	8	8	18	40	46	30	39	50	40
Lake of the Woods	6	9	12	13	13	14	22	24	22
LeSueur	9	13	27	38	31	39	52	37	62

Table 18. Continued.

County	1978	1978	1979	1980	1981	1982	1983	1984	1986
Lincoln	32	57	50	72	56	74	35	68	54
Lyon	57	36	84	94	74	110	72	104	104
McLeod	15	63	32	40	28	2	33	35	55
Mahnomen	0	1	5	4	7	5	6	9	8
Marshall	15	18	38	39	45	66	82	79	75
Martin	36	25	40	35	38	56	33	41	55
Meeker	25	37	43	44	43	37	54	59	61
Mille Lacs	10	8	21	40	57	35	63	51	40
Morrison ^a	18	19	30	66	158	127	108	114	66
Mower	35	27	46	55	42	80	64	113	121
Murray	48	49	81	130	83	61	39	90	71
Nicollet	28	40	61	80	67	65	52	64	88
Nobles	51	34	43	79	33	54	18	43	48
Norman	10	11	15	20	34	35	45	43	39
Olmsted	20	25	24	55	51	85	84	86	108
Ottertail	54	60	98	133	153	175	178	234	223
Pennington	1	3	9	12	18	15	19	12	19
Pine	45	73	123	166	171	134	166	229	186
Pipestone	21	34	32	40	30	67	1	42	53
Polk	24	32	42	50	78	70	102	98	102
Pope	24	31	49	49	64	57	56	63	70
Ramsey	3	0	1	2	1	0	21	14	33
Red lake	0	4	2	1	3	4	13	8	6
Redwood	38	38	50	81	63	82	63	72	68
Renville	20	20	35	55	63	59	32	62	60
Rice	19	31	38	45	51	39	54	56	59
Rock	34	16	14	38	31	14	22	51	39
Roseau	22	32	62	77	90	112	98	94	86
St. Louis	77	42	87	180	149	120	127	180	209
Scott	15	41	44	50	37	50	72	87	136
Sherburne	47	60	89	128	116	113	115	131	128
Sibley	15	22	33	41	30	32	43	43	44
Stearns	52	49	81	134	143	122	159	241	239
Steele	20	7	14	19	27	29	30	41	41
Stevens	10	13	9	11	21	27	26	25	20
Swift	25	23	42	67	49	67	59	68	67
Todd	33	45	52	95	109	103	126	169	141
Traverse	9	7	12	21	13	21	32	22	19
Wabasha	19	20	15	18	30	61	57	50	61
Wadena	10	14	21	45	69	70	64	43	62

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Table 18. Continued.

County	1978	1978	1979	1980	1981	1982	1983	1984	1986
Waseca	21	20	26	46	35	55	42	27	36
Washington	20	15	39	75	91	88	154	174	196
Watonwan	16	16	31	34	30	35	20	39	39
Wilkin	2	2	15	26	34	39	34	34	32
Winona	76	72	96	116	138	117	151	234	196
Wright	26	29	45	71	78	83	95	92	115
Yellow Medicine	32	34	35	47	38	54	47	47	44
Unknown	10	40	20	25	63	23	34	37	70
Camp Ripley	190	148	b	153	129	237	387	278	257
St. Croix St. Pk.	128	b	b	b	b	b	b	b	b
Totals	2,608	2,577	3,641	5,535	5,566	5,977	6,390	7,575	7,610

^a Camp Ripley not included.

^b No archery hunt.

Table 19. 1986 Bow and Arrow registered deer harvest by Kill Block and Sub-DMU.

Sub-DMU	Block	Adult		Fawn		UnID	Total
		Male	Female	Male	Female		
Red River West	401	25	6	0	0	0	31
	402	39	22	5	4	0	70
	Total	64	28	5	4	0	101
Red River East	403	7	1	3	1	0	12
	404	26	8	4	1	0	39
	405	14	8	2	3	0	27
	406	7	4	3	0	0	14
	407	32	16	13	5	0	66
	408	20	4	2	0	0	26
	Total	106	41	27	10	0	184
Agassiz	201	2	4	4	1	0	11
	202	3	1	0	0	0	4
	203	3	0	0	2	0	5
	204	8	6	2	0	0	16
	205	8	14	5	4	0	31
	206	12	5	2	0	0	19
	207	5	9	2	0	0	16
	208	3	2	2	1	0	8
	209	10	6	1	1	0	18
	210	12	3	0	0	0	15
	Total	66	50	18	9	0	143
Rainy River West	101	9	14	2	1	0	26
	102	1	6	2	1	0	10
	103	0	0	0	0	0	0
	214	0	0	0	0	0	0
	Unk	0	2	0	0	0	2
	Total	10	22	4	2	0	38
Rainy River Central	104	1	2	1	0	0	4
	105	2	0	0	0	0	2
	106	2	5	1	0	0	8
	110	2	4	1	0	0	7
	Unk	0	0	0	0	0	0
	Total	7	11	3	0	0	21
Rainy River East	107	4	3	2	3	0	12
	108	4	6	1	0	0	11
	109	0	1	0	0	0	1
	195	0	0	0	0	0	0
	Unk	1	0	0	0	0	1
	Total	9	10	3	3	0	25

Table 19. Continued.

Sub-DMU	Block	Adult		Fawn		UnID	Total
		Male	Female	Male	Female		
Superior West	119	3	6	0	0	0	9
	120	3	5	3	1	0	12
	121	5	7	0	0	0	12
	Total	11	18	3	1	0	33
Superior Wilderness	115	0	0	0	0	0	0
	116	1	1	0	0	0	2
	117	0	0	0	1	0	0
	118	0	0	0	0	0	0
	Total	1	1	0	0	0	2
Superior Central	122	7	6	2	0	0	15
	123	5	3	1	0	0	9
	124	3	6	1	0	0	10
	125	3	6	0	1	0	10
	Total	18	21	4	1	0	44
Superior-IR	194	0	0	0	0	0	0
Superior East	126	5	9	1	1	0	16
	127	1	3	1	0	0	5
	128	1	7	0	3	0	11
	129	0	0	0	0	0	0
	130	0	1	0	0	0	1
	Total	7	20	2	4	0	33
Itasca NW	167	6	3	0	1	0	10
	168	17	22	2	4	0	45
	169	16	15	5	6	0	42
	Unk	1	0	0	0	0	1
	Total	40	40	7	11	0	98
Itasca SW	170	15	15	10	4	0	44
	171	6	13	0	2	0	21
	172	24	27	7	11	0	69
	173	9	12	6	5	0	32
	174	5	6	3	5	0	19
	Unk	0	0	1	0	0	1
	Total	59	73	27	27	0	186

Table 19. Continued.

Sub-DMU	Block	Adult		Fawn		UnID	Total
		Male	Female	Male	Female		
Itasca NE	175	10	13	3	1	0	27
	176	3	11	3	1	0	14
	177	2	5	0	0	0	7
	178	3	3	4	1	0	11
	179	9	14	6	2	0	31
	Unk	0	0	0	0	0	0
	Total	27	42	16	5	0	90
Itasca SE	180	15	19	3	2	0	39
	181	11	9	2	1	0	23
	182	7	6	1	2	0	16
	183	11	6	3	3	0	23
	199	0	0	0	0	0	0
	Unk	1	0	0	0	0	1
	Total	45	40	9	8	0	102
Itasca LLIR	197	1	5	2	0	0	8
	198	1	1	0	0	0	2
	Total	2	6	2	0	0	10
Bemidji	184	20	20	11	2	0	53
	185	7	0	1	1	0	9
	186	47	43	16	8	0	114
	187	0	1	0	0	0	1
	Total	74	64	28	11	0	177
Mille Lacs West	244	20	15	5	3	0	43
	245	21	14	5	4	0	44
	251	1	1	0	1	0	3
	Total	42	30	10	8	0	90
Mille Lacs Central	246	31	42	12	5	0	90
	247	38	49	18	12	0	117
	248*	14	15	5	6	0	40*
	249	20	22	4	3	0	49
	Total	103	128	39	26	0	296*

*Data here does not include Camp Ripley

Table 19. Continued.

Sub-DMU	Block	Adult		Fawn		UnID	Total
		Male	Female	Male	Female		
Mille Lacs East	151	0	1	0	0	0	1
	152	1	4	2	0	0	7
	153	1	1	0	0	0	2
	154	8	14	7	7	0	36
	155	8	12	6	2	0	28
	156	12	25	7	3	0	47
	157	15	14	5	3	0	37
	158	28	31	5	5	0	69
	159	42	51	12	8	0	113
	Unk	3	1	0	0	0	4
	Total	118	154	44	28	0	344
Mille Lacs WEIR	296	10	5	0	1	0	16
Big Woods North	409	23	17	5	3	0	48
	410	35	24	5	2	0	66
	411	41	40	8	2	0	91
	412	53	19	5	7	0	84
	413	55	43	9	8	0	115
	414	25	35	14	9	0	83
	415	42	39	13	12	0	106
	416	34	23	9	1	0	67
	417	70	66	18	8	0	162
	418	74	48	16	8	0	146
	419	65	40	14	5	0	124
	Total	517	394	116	65	0	1,092
Big Woods Central	221	21	21	8	3	0	53
	222	17	14	1	3	0	35
	223	22	17	7	2	0	48
	224	5	6	2	1	0	14
	225	41	57	9	10	0	117
	226	84	94	17	22	0	217
	Total	190	209	44	41	0	484
Big Woods Metro	235	13	16	4	8	0	41
	236	149	115	44	26	0	334
	337	79	76	25	11	0	191
	338	48	50	18	10	0	126
	339	80	64	23	7	0	174
	340	18	18	6	5	0	47
	Total	387	339	120	67	0	913

Table 19. Continued.

Sub-DMU	Block	Adult		Fawn		UnID	Total
		Male	Female	Male	Female		
Big Woods SE	341	41	24	6	8	0	79
	342	24	10	5	3	0	42
	343	57	25	13	9	0	104
	344	49	24	19	11	0	103
	345	28	16	8	5	0	57
	346	42	26	6	5	0	79
	347	23	15	13	8	0	59
	348	13	5	2	3	0	23
	349	32	16	4	5	0	57
	Total	309	161	76	57	0	603
Prairie North	420	34	23	7	7	0	71
	421	25	12	1	8	0	46
	422	17	2	1	0	0	20
	423	5	4	2	1	0	12
	424	11	7	3	1	0	22
	425	13	4	4	1	0	22
	426	23	7	4	1	0	35
	427	17	18	0	0	0	35
	428	27	15	7	5	0	54
	Total	172	92	29	24	0	317
Prairie River	431	16	13	3	4	0	36
	432	9	8	4	0	0	21
	433	42	29	6	4	0	81
	434	47	15	12	10	0	84
	436	18	11	5	2	0	36
	437	13	8	2	3	0	26
	438	18	8	6	1	0	33
	439	24	17	0	8	0	49
	442	49	53	11	11	1	125
	443	32	16	5	6	0	59
	444	19	19	4	3	0	45
	Unk	0	1	0	1	0	2
	Total	100	89	20	21	1	231

Table 19. Continued.

Sub-DMU	Block	Adult		Fawn		UnID	Total
		Male	Female	Male	Female		
Prairie SW	446	14	10	7	2	0	33
	447	10	7	2	2	0	21
	448	13	6	3	7	0	29
	449	31	24	17	5	0	77
	450	20	9	7	2	0	38
	451	27	38	14	7	0	86
	452	16	15	8	7	0	46
	453	19	18	11	4	0	52
	454	28	33	16	10	0	87
	455	11	10	6	8	0	35
	456	33	12	9	4	0	58
	457	30	9	1	3	0	43
	458	27	21	6	4	0	58
	459	53	24	10	8	0	95
	Total	332	236	117	73	0	758
Prairie SE	461	24	16	5	3	0	48
	462	43	13	10	5	0	71
	463	14	8	4	0	0	26
	464	19	14	5	2	0	40
	465	27	15	9	6	0	57
	466	44	30	5	7	0	86
	467	54	41	15	14	0	124
	Total	225	137	53	37	0	452
UNKNOWN		152	120	48	40	1	361
TOTAL		3,389	2,691	912	616	2	7,610

Table 20. 1986 Archery Special Permit Areas information. (No. bonus licenses)

Special Area	Dates	Number of permits	Number of applications	Deer Taken		
				Adult Buck	Antler-less	Total
Camp Ripley	10/11-12	2,500	4,613	106	151	257
	10/26-27	2,500	3,459			
Crow-Hassen PR	11/14-16	200	est. 510	5	10	15
Murphy-Hanrehan PR	11/15-17	250	est. 560	7	16	23
Fort Snelling State Park	11/8-9	30	688	6	11	17
Louisville Swamp NWR & Carver Rapids SW	Season	2,000	2,000	3	7	10
Lake Louise SP	11/13-18	25 (18)	294	5	10	15

Table 21. Metro Bonus Bow Hunt results, 1986.

Registra- tion Block Number	<u>Harvest: regular license (bonus lic.)</u>				Totals	Percent Increase by Bonus
	<u>Adult Male</u>	<u>Adult Female</u>	<u>Fawn Male</u>	<u>Fawn Female</u>		
236	149 (0)	86 (29)	40 (4)	24 (2)	299 (35)	11.7%
337	79 (0)	45 (31)	18 (7)	5 (6)	147 (44)	29.9%
338	47 (1)	31 (19)	15 (3)	5 (5)	98 (28)	28.6%
339	80 (0)	48 (16)	17 (6)	5 (2)	150 (24)	16.0%
340	18 (0)	10 (8)	0 (6)	2 (3)	30 (17)	56.7%
Totals	373 (1)	220 (103)	90 (26)	41 (18)	724 (148)	20.4%

Table 22. 1986 deer harvest in Special Muzzleloader Season.

(Bonus License Deer	Adult		Fawn		Total	
	Male	Female	Male	Female	#	%
Carlos Avery WMA ¹	7	21	6	7	41	6.9%
Carlos Avery WMA ¹ (Sanctuary)	2	2	1	1	6	1.0%
Chengwatana SF	0	4	1	0	5	1.0%
Cloquet Valley SF	0	0	0	0	0	0.00%
Danvers WMA	1	2	2	4	9	1.5%
Elm Lake & Eckvold WMA	0	1	0	1	2	0.00%
George Washington SF	1	12	1	3	17	2.9%
Glacial Lakes SP ¹	0	11	2	1	14	2.4%
Gores Pool WMA ¹	0	1	1	0	2	0.00%
Helmer Myre SP ¹	12	5	5	4	26	4.4%
Lac qui Parle WMA and Big Stope NWR ¹	12	65	37	32	146	24.6%
Lake Louise SP ¹	4	6 (13)	2 (3)	2 (6)	36	6.1%
Lake Shetek SP ¹	7	12	4	5	28	4.7%
McCarthy Lake WMA	0	2	0	0	2	0.00%
Meadowbrook WMA	0	1	0	0	1	0.00%
Mille Lacs WMA	1	4	3	5	13	2.2%
Nemadji SF	1	2	0	0	3	0.5%
Paul Bunyan Game Refuge	8	10	5	5	28	4.7%
Red Lake WMA and Beltrami Island SF	7	12	6	2	27	4.6%
R. J. Dorer Memorial SF	0	0	1	1	2	0.00%
Roseau River WMA	0	2	0	2	4	0.7%
Rum River SF	2	0	3	0	5	0.8%
Savanna SF	0	4	1	1	6	1.0%
Talcot Lake WMA ¹	1	5	7	6	19	3.2%
Thief Lake WMA	0	1	0	1	2	0.00%
Whitewater	24	54	33	32	143	24.1%
Walnut Lake WMA ¹	0	5	1	0	6	1.0%
TOTAL	90	257	125	121	593	
Percent	15.2%	43.3%	21.1%	20.4%		

¹ Special Permit Areas - See Table 22.

Table 23. 1986 Muzzleloader Permit Area Information

Area	Dates	Permits Issued	Number of Applications	Harvest		
				Buck	Antlerless	Total
Carlos Avery (Sanctuary)	29-05	20	41	2	1	3
	06-14	20	28	0	3	3
Danvers WMA	29-05	13*	7	1	3	4
	06-14	14*	11	0	5	5
Glacial Lakes	10-14	24	24	0	14	14
Helmer Myre SP	29-02	50	80	12	14	26
Lac qui Parle WMA and Big Stone NWR	29-05	220	220	5	54	59
	06-14	227	227	7	82	89
Lake Louise SP	29-02	25(25**)	31	4	32	36
Lake Shetek SP	29-05	30	48	7	21	28
Talcot Lake WMA	29-05	51	51	0	11	11
	06-14	53	56	1	7	8
Walnut Lake WMA	29-05	20	12	0	5	5
	06-14	20	9	0	5	1

*Includes permits from Shetek and Talcot oversubscription.

**Bonus license available to each permittee (bonus issued).

Table 24. Special Muzzleloader Season Harvests, 1981-1986.

	1981	1982	1983	1984	1985	1986
Carlos Avery WMA	53	31	57	22	23	41
Carlos Avery WMA (Sanctuary)	--	--	--	--	16	6
Chengwatana SF	--	--	1	1	4	5
Cloquet Valley SF	--	--	--	2	1	0
Danvers WMA	--	3	1	7	7	9
Elm Lake & Eckvold WMA	--	4	--	0	--	2
Frontenac SP	--	--	--	--	3	--
George Washington SF	--	--	5	14	16	17
Glacial Lakes SP	--	9	--	--	--	14
Gores Pool WMA	--	--	5	5	1	2
Helmer Myre SP	--	--	--	--	18	26
Lac qui Parle WMA	91	130	168	151	199	146
and Big Stone NWR						
Lake Louise SP	--	--	--	--	--	36
Lake Shetek SP	19	36	35	30	25	28
McCarthy Lake WMA	1	0	1	0	0	2
Meadowbrook WMA	3	4	11	6	6	1
Mille Lacs WMA	54	25	5	14	13	13
Moose-Willow WMA	16	5	--	--	--	--
Nemadji SF	--	--	1	1	0	3
Nerstrand Woods SP/GR	--	--	--	--	13	--
Paul Bunyan Game Refuge	--	--	19	33	27	28
Red Lake WMA and	14	14	29	11	21	27
Beltrami Island SF						
R.J. Dorer Memorial SF	7	32	10	6	1	2
Roseau River WMA	4	1	3	5	3	4
Rum River SF	--	--	3	1	7	5
Savanna SF	--	--	2	2	6	6
Talcot Lake WMA	16	61	137	13	43	19
Thief Lake WMA	12	6	5	7	8	2
Whitewater WMA	90	80	150	139	97	143
Whitewater Sanctuary	--	--	--	45	--	--
Walnut Lake WMA	5	0	4	6	5	6
Totals	385	441	652	532	563	593

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