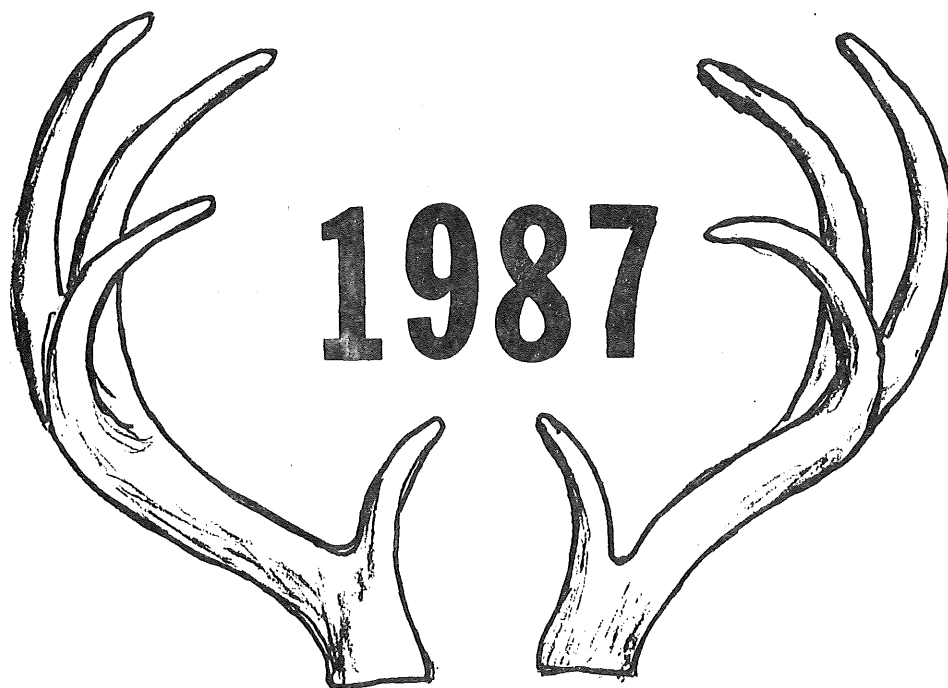


880496



DEER HARVEST REPORT

MINNESOTA
DEPARTMENT OF NATURAL RESOURCES
500 LAFAYETTE ROAD
ST. PAUL, MINNESOTA 55155

SK
301
.M56ax
1987

LEGISLATIVE REFERENCE LIBRARY
645 State Office Building
Saint Paul, Minnesota 55155

1987 MINNESOTA DEER HARVEST REPORT
TABLE OF CONTENTS

	Page
HARVEST STATISTICS ON STATEWIDE BASIS	
Table 1. Statewide license sales, harvests, and success rates for 1987 Firearms deer season	2
Table 2. Statewide Firearms, Archery, and Muzzleloader harvests, license sales, and success rates 1980-1987	3
Table 3. Antlerless permit drawing statistics, 1987.	4
Table 4. 1987 Antlerless Permit Distribution and Drawing Statistics	5
Table 5. Statewide Firearms harvest, 1977-1987	10
Table 6. Antlerless Permit Area Bonus License provision results, 1987	11
HARVEST STATISTICS ON ZONE BASIS	
Figure 1. 1987 Firearms deer season zones and dates.	12A
Table 7. 1987 Firearm deer hunter time and zone option selection	12
Table 8. Total Firearms deer harvest by zone, 1987.	13
Table 9. Antlerless Firearms deer harvest by zone, 1987	14
Table 10. Buck Firearms deer harvest by zone, 1987	15
HARVEST STATISTICS ON A DEER MANAGEMENT UNIT (DMU) BASIS	
Figure 2. Deer Management Units (DMU's) and Sub-DMU's	16
Table 11. Firearms deer harvest by day, 1987 Percent of kill by zone for antlered bucks and permit deer....	17
HARVEST STATISTICS ON A BLOCK AND PERMIT AREA BASIS	
Figure 3. 1986 Kill-block map.	18A
Table 12. Harvest and success rates by DMU and Sub-DMU, 1987.	18
Table 13. Registered harvest and harvest/mi ² and antlerless success by Block and Permit Area, 1987.	19
HARVEST STATISTICS ON A COUNTY BASIS	
Table 14. Registered harvest and harvest/mi ² by Block within Deer Management Unit (DMU), 1982-1987.	25
Figure 4. Counties of Minnesota.	31
Table 15. Registered firearms kill by county, 1987.	32
HARVEST STATISTICS FOR SPECIAL AREA HUNTS	
Table 16. 1987 Firearms Special Permit Areas information	34
BOW AND ARROW HARVEST STATISTICS	
Table 17. Statewide Bow and Arrow deer statistics, 1987.	35
Table 18. Archery deer harvest by county, 1987	36
Table 19. Archery deer harvest by county, 1979-1987.	38
Table 20. 1987 Bow and Arrow registered deer harvest by Kill-Block and Sub-DMU.	41
Table 21. 1987 Archery Special Permit Areas information (No. bonus licenses).	46
Table 22. Metro Bonus Bow Hunt results, 1987	47
SPECIAL MUZZLELOADER HARVEST STATISTICS	
Table 23. 1987 deer harvest in Special Muzzleloader Season (Bonus License Deer).	48
Table 24. 1987 Muzzleloader Permit Area Information	49
Table 25. Special Muzzleloader Season Harvests, 1981-1987	50

Table 1. Statewide license sales, harvests, and success rates for 1987
Firearms deer season.

Firearms licenses sold ² (3-31-88 report)	414,928
Corrected total	
Statewide registered Firearms deer harvest	135,003
Statewide registered Buck ³ harvest	77,619
Buck proportion of total kill	57.5%
Statewide registered Antlerless harvest	57,298
Antlerless proportion of total kill	42.5%
Antlerless permits offered, statewide ⁴	113,025
Bonus licenses offered, statewide	3,294
Antlerless permits issued, statewide	109,731
Bonus licenses issued, statewide	2,036
Buck-only hunters (License minus permits and bonus licenses) ⁵	305,197
Overall firearms hunter success by registration	32%
Antlerless permit holder success by registration ⁶	54%
Buck-only hunter success by registration	25%

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 1980-1987.

	1980	1981	1982	1983	1984	1985	1986	1987
<u>REGULAR FIREARMS</u>								
Res. Lic. Sales	344,516	369,425	369,018	391,099	396,074	408,056	412,079	412,079 ¹
Non-Res. Lic. Sales	2,378	2,973	3,038	3,611	4,307	4,961	4,473	4,904 ¹
Total Lic. Sales	346,894	372,398	372,056	394,710	400,381	413,017	416,555	414,928 ¹
Reg. Buck Kill ²	48,726	60,034	54,305	62,481	58,966	62,603	60,980	77,619
No. Antlerless Permits	66,765	84,405	89,925	156,350	150,375	167,725	130,519	109,731
Reg. AL Kill	21,811	32,993	38,740	69,976	73,076	75,462	68,790	57,384
Reg. Total Kill	68,539	93,027	93,045	132,457	132,042	138,065	129,770	135,003
Reg. Success	19.8	25.0	25.0	33.6	33.0	33.4	31.2	32.5
<u>ARCHERY</u>								
Res. Lic. Sales	41,328	50,063	54,062	55,803	61,576	66,724	67,745	68,079 ¹
Non-Res. Lic. Sales	634	906	848	470	583	589	547	594 ¹
Total Lic. Sales	41,962	50,969	54,910	56,273	62,159	67,313	68,292	68,844 ¹
Reg. Kill	3,641	5,535	5,566	5,977	6,390	7,575	7,610	7,535
Reg. Success	8.7	10.9	10.1	10.6	10.3	11.3	11.1	10.9
<u>MUZZLELOADER</u>								
Reg. Kill	294	385	441	652	532	563	593	535
TOTAL Reg. Kill	72,474	98,947	99,052	139,086	138,941	146,203	137,923	143,073

¹ Estimate as of 03/31/88.

² Bucks include adult males and unidentified deer.

Table 3. Antlerless permit drawing statistics, 1987.

Number of areas with permits available.....	106
Total number of permits offered.....	113,025
Total number of applications received.....	278,883
Total number of rejected applications.....	21,885
Summary of errors causing application rejection:	
Driver's license errors.....	14,090
Birthdate blank or impossible.....	2,423
Permit area requested not valid.....	1,631
No signature.....	1,788
Birthdate did not match licence file.....	5,701
Late postmark.....	813
Duplicate application.....	105
Age not 12-18 under youth drawing.....	462
Firearms Safety number invalid.....	104
Total number of valid applications.....	256,998
Total number of permits issued.....	109,731
Total number of permits not issued	3,394
Number of permit areas undersubscribed.....	14

A total of 3294 applicants of those who expressed interest within the undersubscribed areas were selected for bonus licenses. See Table 6.

Table 4. 1987 Antlerless Permit Distribution and Drawing Statistics.

Permit Area Number	No. of Permits Offered	Total Valid Applic.	Firearms Safety	Number of applications received (permits issued)					Permits Left over
				Highest 5	- Preference 4	Level 3	2	Lowest 1	
104									
105	600	2422	158 (39)	0 (0)	1 (1)	491 (491)	886 (69)	886	0
106									
107									
108	1700	5021	293 (99)	0 (0)	3 (3)	658 (658)	1937 (940)	2130	0
109									
195									
110	300	978	62 (19)	0 (0)	1 (1)	90 (90)	468 (190)*	357	0
119									
120	3000	5135	272 (159)	0 (0)	7 (7)	143 (143)	1914 (1914)	2799 (777)*	0
121									
122									
123	1000	2504	147 (59)	0 (0)	7 (7)	432 (432)	808 (502)*	1100	0
124									
125									
154									
155	750	6592	397 (45)	0 (0)	881 (705)*	1668	1879	1766	0
156									
157	500	5935	387 (33)	0 (0)	638 (467)*	1829	1605	1476	0
158									
159	500	3728	255 (34)	1 (1)	306 (306)	1052 (159)*	1100	1014	0
167									
168	1500	12618	658 (78)	0 (0)	11 (11)	1722 (1411)*	6060	4167	0
169									
170									
171									
172	2000	18050	1079 (120)	0 (0)	58 (58)	4997 (1822)*	6711	5205	0
173									
174									
175									
176									
177	3000	10557	766 (218)	1 (1)	34 (34)	1874 (1874)	3864 (873)*	4018	0
178									

Table 4. Continued

Permit Area Number	No. of Permits Offered	Total Valid Applic.	Number of applications received (permits issued)						Permits Left Over
			Firearms Safety	Highest - 5	Preference 4	Level 3	Lowest 2	1	
179									
181									
182	5000	14817	913 (308)	0 (0)	67 (67)	2049 (2049)	5914 (2576)*	5874	0
183									
199									
197	500	2681	142 (27)	0 (0)	3 (3)	176 (176)	1266 (294)*	1094	0
198									
201	500	608	48 (35)	0 (0)	1 (1)	6 (6)	86 (86)	539 (372)*	0
202	1500	1322	78 (78)	0 (0)	5 (5)	19 (19)	125 (125)	1095 (1095)	178
203	500	836	55 (33)	0 (0)	2 (2)	5 (5)	58 (58)	716 (402)*	0
204	1500	2169	166 (166)	0 (0)	0 (0)	13 (13)	560 (560)	1430 (812)*	0
205	800	1556	118 (61)	0 (0)	1 (1)	7 (7)	588 (588)	842 (143)*	0
206	1500	1485	94 (94)	0 (0)	0 (0)	10 (10)	183 (183)	1198 (1198)	15
207	1050	1353	117 (91)	0 (0)	0 (0)	3 (3)	289 (289)	944 (667)*	0
208	750	720	67 (67)	0 (0)	0 (0)	2 (2)	56 (56)	595 (595)	30
209	1500	1160	99 (99)	0 (0)	2 (2)	7 (7)	54 (54)	998 (998)	340
210	1800	1697	139 (139)	0 (0)	2 (2)	21 (21)	131 (131)	1404 (1404)	103
211									
212	1000	3492	225 (65)	0 (0)	0 (0)	13 (13)	2076 (922)*	1178	0
213									
221	500	2030	167 (41)	0 (0)	0 (0)	271 (271)	858 (188)*	734	0
222	500	1980	158 (40)	0 (0)	1 (1)	53 (53)	918 (406)*	850	0
223	1000	1699	125 (74)	0 (0)	2 (2)	18 (18)	639 (639)	915 (267)*	0
224	500	655	57 (44)	0 (0)	0 (0)	9 (9)	177 (177)	412 (270)*	0
225	1200	3447	263 (92)	0 (0)	5 (5)	45 (45)	1245 (1058)*	1899	0
226	1500	3169	236 (112)	0 (0)	5 (5)	43 (43)	808 (808)	2077 (532)*	0
235	150	318	17 (8)	0 (0)	1 (1)	10 (10)	111 (111)	179 (20)*	0
236	1100	1211	74 (67)	0 (0)	1 (1)	25 (25)	289 (289)	822 (718)*	0
244	4000	11293	704 (250)	0 (0)	8 (8)	103 (103)	5572 (3639)*	4906	0
245									
246	2000	8989	665 (148)	0 (0)	2 (2)	116 (116)	3449 (1734)*	4757	0

Table 4. Continued

Permit Area Number	No. of Permits Offered	Total Valid Applic.	Firearms Safety	Number of applications received (permits issued)					Permits Left Over
				Highest - 5	Preference 4	Level 3	Lowest 2	1	
247	750	4048	282 (52)	0 (0)	6 (6)	193 (193)	1697 (499)*	1870	0
248	300	1085	68 (19)	0 (0)	1 (1)	8 (8)	450 (272)*	558	0
249	750	3042	244 (60)	0 (0)	1 (1)	102 (102)	1266 (587)*	1429	0
251	200	775	49 (13)	0 (0)	3 (3)	7 (7)	283 (177)	433	0
284									
285	4000	10974	745 (272)	0 (0)	1 (1)	273 (273)	4925 (3454)*	5030	0
285									
287									
296	300	1358	104 (23)	0 (0)	0 (0)	107 (107)	524 (170)*	623	0
337	600	628	56 (54)	0 (0)	0 (0)	6 (6)	44 (44)	522 (496)*	0
338	800	717	64 (64)	0 (0)	0 (0)	10 (10)	36 (36)	607 (607)	83
339	700	841	73 (61)	0 (0)	3 (3)	7 (7)	92 (92)	666 (537)*	0
341	2000	2167	164 (152)	0 (0)	1 (1)	12 (12)	237 (237)	1753 (1598)*	0
342	1000	1552	137 (89)	0 (0)	2 (2)	5 (5)	154 (154)	1254 (750)*	0
343	2000	1396	142 (142)	0 (0)	0 (0)	1 (1)	49 (49)	1204 (1204)	604
344	1100	1678	128 (84)	0 (0)	0 (0)	7 (7)	238 (238)	1305 (771)*	0
345	1300	1477	126 (111)	0 (0)	1 (1)	3 (3)	29 (29)	1318 (1156)*	0
346	2000	2005	156 (156)	0 (0)	0 (0)	5 (5)	102 (102)	1742 (1737)*	0
347	1100	1188	144 (133)	0 (0)	0 (0)	1 (1)	120 (120)	923 (846)*	0
348	1200	1519	117 (92)	0 (0)	0 (0)	3 (3)	320 (320)	1079 (785)*	0
349	2300	2310	183 (183)	0 (0)	0 (0)	13 (13)	191 (191)	1923 (1913)*	0
401	400	335	39 (39)	0 (0)	0 (0)	0 (0)	7 (7)	289 (289)	65
402	700	591	42 (42)	0 (0)	0 (0)	4 (4)	20 (20)	525 (525)	109
403	600	587	42 (42)	0 (0)	0 (0)	2 (2)	32 (32)	510 (510)	13
404	1200	1317	83 (76)	0 (0)	1 (1)	10 (10)	116 (116)	1107 (997)*	0
405	2000	1319	100 (100)	0 (0)	0 (0)	7 (7)	28 (28)	1184 (1184)	681
406	1500	1193	85 (85)	0 (0)	1 (1)	12 (12)	48 (48)	1047 (1047)	307
407	2000	1473	119 (119)	0 (0)	0 (0)	7 (7)	51 (51)	1296 (1296)	527
408	1500	1261	118 (118)	0 (0)	1 (1)	1 (1)	61 (61)	1080 (1080)	239
409	2000	2573	236 (184)	0 (0)	0 (0)	8 (8)	559 (559)	1770 (1249)*	0
410	3400	4405	296 (229)	0 (0)	3 (3)	16 (16)	833 (833)	3257 (2319)*	0
411	3600	4212	312 (267)	0 (0)	0 (0)	13 (13)	752 (752)	3135 (2568)*	0
412	2500	3746	289 (193)	0 (0)	1 (1)	22 (22)	1019 (1019)	2415 (1265)*	0

Table 4. Continued

Permit Area Number	No. of Permits Offered	Total Valid Applic.	Firearms Safety	Number of applications received (permits issued)					Permits Left Over
				Highest 5	Preference 4	Level 3	Lowest 2	1	
413	1400	2740	220 (113)	0 (0)	2 (2)	17 (17)	1159 (1159)	1342 (109)	0
414	1100	2842	239 (93)	0 (0)	0 (0)	21 (21)	1017 (986)*	1565	0
415	800	2179	155 (57)	0 (0)	2 (2)	20 (20)	967 (721)*	1035	0
416	1100	1871	122 (72)	0 (0)	1 (1)	14 (14)	710 (710)	1024 (303)*	0
417	2200	3762	288 (169)	0 (0)	1 (1)	15 (15)	1177 (1177)	2281 (838)*	0
418	700	2347	217 (65)	0 (0)	0 (0)	20 (20)	894 (615)*	1216	0
419	750	1814	140 (58)	0 (0)	0 (0)	23 (23)	779 (669)*	872	0
420	800	816	76 (75)	0 (0)	0 (0)	0 (0)	58 (58)	682 (667)*	0
421	600	729	62 (51)	0 (0)	1 (1)	1 (1)	38 (38)	627 (509)*	0
422	400	535	42 (32)	0 (0)	1 (1)	2 (2)	130 (130)	360 (235)*	0
423	500	749	69 (46)	0 (0)	0 (0)	5 (5)	200 (200)	475 (249)*	0
424	400	679	58 (34)	0 (0)	0 (0)	6 (6)	225 (225)	390 (135)*	0
425	200	323	28 (17)	0 (0)	1 (1)	4 (4)	73 (73)	217 (105)*	0
426	300	1017	70 (21)	0 (0)	2 (2)	42 (42)	410 (235)	493	0
427	200	913	72 (16)	0 (0)	0 (0)	54 (54)	438 (130)*	367	0
428	300	1057	80 (23)	0 (0)	0 (0)	11 (11)	429 (266)*	537	0
431	500	781	62 (40)	0 (0)	2 (2)	5 (5)	131 (131)	581 (322)*	0
432									
433	1400	2939	217 (103)	0 (0)	0 (0)	127 (127)	1389 (1170)*	1206	0
434									
436	1200	1692	134 (95)	0 (0)	1 (1)	10 (10)	451 (451)	1096 (643)*	0
437									
438	350	1476	113 (27)	0 (0)	0 (0)	5 (5)	688 (318)*	670	0
439									
442									
443	1000	3780	310 (82)	0 (0)	0 (0)	316 (316)	1548 (602)*	1606	0
444									
446	600	751	66 (53)	0 (0)	1 (1)	3 (3)	138 (138)	543 (405)*	0
447	450	692	48 (31)	0 (0)	0 (0)	4 (4)	225 (225)	415 (190)*	0
448	330	922	69 (25)	0 (0)	0 (0)	6 (6)	406 (299)*	441	0
449	470	1275	120 (44)	0 (0)	0 (0)	7 (7)	536 (419)*	612	0
450	400	615	36 (23)	0 (0)	1 (1)	1 (1)	257 (257)	320 (118)*	0

Table 4. Continued

Permit Area Number	No. of Permits Offered	Total Valid Applic.	Number of applications received (permits issued)						Permits Left Over
			Firearms Safety	Highest - 5	Preference 4	Level 3	Lowest 2	1	
451	250	814	70 (22)	0 (0)	1 (1)	4 (4)	238 (223)*	501	0
452	350	473	40 (30)	0 (0)	0 (0)	1 (1)	35 (35)	396 (284)*	0
453	300	591	39 (20)	0 (0)	1 (1)	2 (2)	179 (179)	370 (98)*	0
454	550	1304	107 (45)	0 (0)	0 (0)	4 (4)	568 (501)*	625	0
455	175	217	19 (16)	0 (0)	0 (0)	0 (0)	53 (53)	145 (106)*	0
456	250	801	50 (15)	0 (0)	0 (0)	5 (5)	309 (230)*	437	0
457	300	802	67 (25)	0 (0)	0 (0)	4 (4)	371 (271)*	360	0
458	200	711	40 (12)	0 (0)	0 (0)	27 (27)	324 (161)*	319	0
459	300	1314	101 (23)	0 (0)	0 (0)	46 (46)	587 (231)*	580	0
461	400	1345	93 (28)	0 (0)	0 (0)	42 (42)	566 (330)*	644	0
462	600	1392	101 (44)	0 (0)	0 (0)	14 (14)	496 (496)	781 (46)*	0
463	200	839	72 (17)	0 (0)	1 (1)	29 (29)	370 (153)*	367	0
464	300	761	46 (18)	0 (0)	0 (0)	8 (8)	219 (219)	488 (55)*	0
465	300	478	29 (18)	0 (0)	0 (0)	3 (3)	81 (81)	365 (198)*	0
466	600	1106	77 (42)	0 (0)	0 (0)	5 (5)	271 (271)	753 (282)*	0
467	500	667	62 (47)	0 (0)	0 (0)	3 (3)	72 (72)	530 (378)*	0
Totals	113,025	256,998	18,072 8,072	2 (2)	2,101 (1754)	19,781 (11,905)	86,179 (44,328)	130,864 (43,269)	3,294

* 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, 1977-1987¹.

Year	Bucks ²		Antlerless ³		Total
1987	77,619	(57.5%)	57,298	(42.5%)	135,003
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, and unidentified deer.

³ Includes adult females and all fawns.

Table 6. Antlerless Permit Area Bonus License provision results, 1987.

Permit Area No.	No. Bonus Offered	Bonus Licenses Purchased	Bonus Deer Harvest ¹	Total Antlerless Harvest	Increase due to Bonus
202	178	142	29	542	5.6%
206	15	5	4	650	0.6%
208	30	23	8	270	3.0%
209	340	250	54	450	13.6%
210	103	64	15	687	2.2%
338	83	58	6	220	2.8%
343	604	136	87	578	17.7%
401	65	36	12	128	10.3%
402	109	61	22	264	9.1%
403	13	12	6	308	2.0%
405	681	406	100	590	20.4%
406	307	173	42	488	9.4%
407	527	310	87	740	13.3%
408	239	103	39	622	6.7%
Unknown ²		261 ²	included above	included above	included above
14 Areas	3,294	2,040 ³	511	6,537	8.9%

¹ Number of antlerless deer taken by hunters who tagged two deer in the same Area.

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 3-25-88

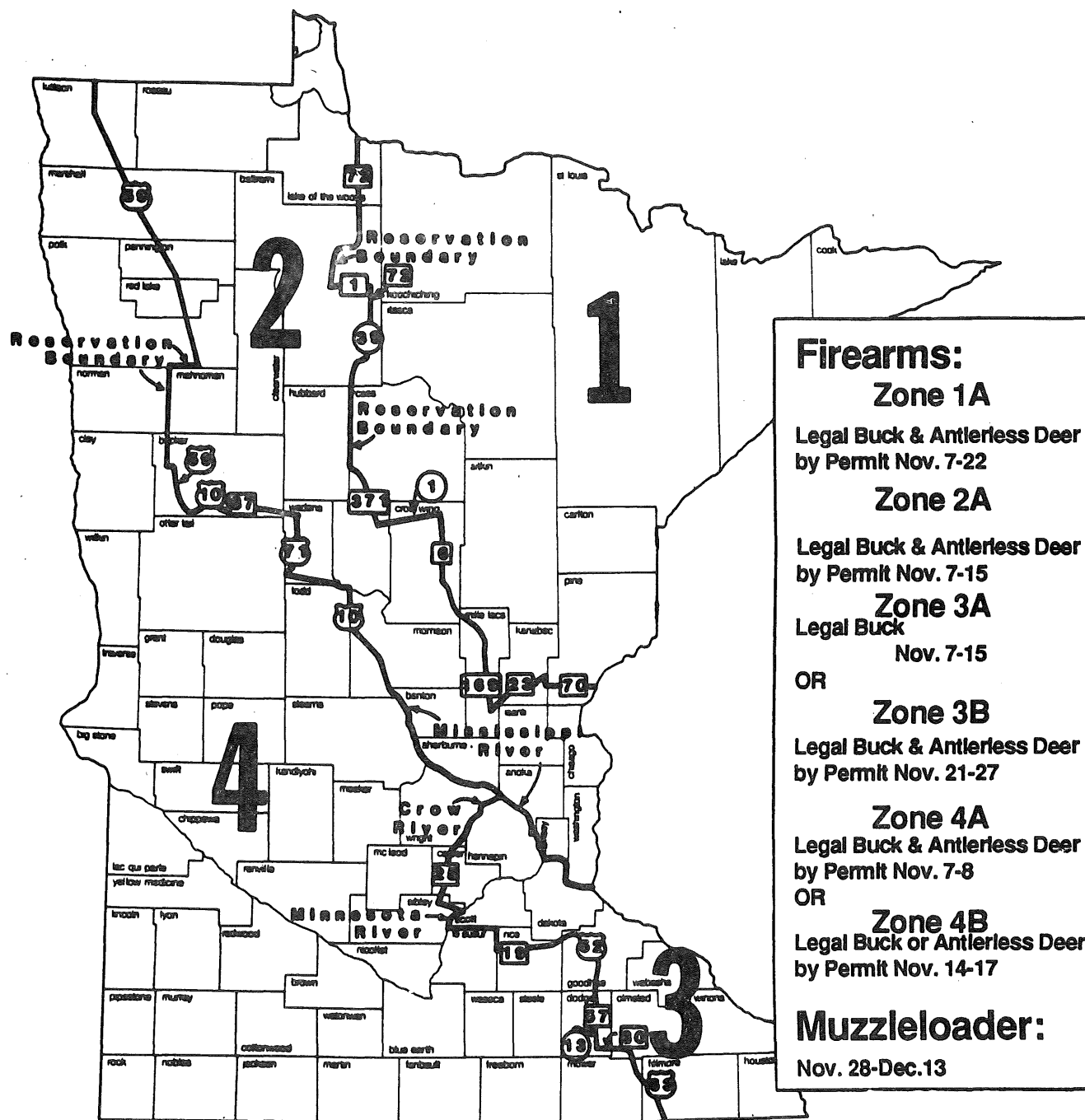


Figure 1. 1987 Firearms deer season zones and dates.

Table 7. 1987 Firearm deer hunter time and zone option selection.

Option	Proportion Selecting ¹	No. Hunters Selecting ²	Corrected No. Hunters ³
Zone 1 Nov. 7-22 ⁴	37.4%	155,037	
Zone 2 Nov. 7-15 ⁴	26.2%	108,609	
Zone 3A ⁵ Nov. 7-15	1.9%	7,876	
Zone 3B ⁴ Nov. 21-27	7.0%	29,018	
Zone 4A ⁴ Nov. 2-8	16.9%	70,057	
Zone 4B ⁴ Nov. 14-17	10.2%	42,283	
Muzzleloader Nov. 28-Dec. 13 ⁶	0.5%	2,073	

- ¹ Estimated by a sample of 5,866 from among deer license copies submitted to DNP
- ² Projected from License Bureau's estimate of 414,537 firearm licenses sold as of 03/25/88.
- ³ Projected from License Bureau'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, 1987.

Zone	1 Deer Hunters	License estimate and registration		Overall Success
		Deer Harvest	Percent of Harvest	
1	155037	38850	28.8%	25%
2	108609	36594	27.1%	34%
3	36894	14459	10.7%	39%
4	112340	44469	32.9%	40%
Unknown	-	631	4.32%	-
State	412880	135003		33%

1

Projected by a sample of 5866 deer licenses and License Center's estimate of 414537 licenses (report of 3-25-88). Does not include muzzleloaders.

Table 9. Antlerless Firearms deer harvest by zone, 1987.

Zone	Permits Issued 2	Registered Kills		
		Antlerless Taken 3	Percent of Harvest	Permit Success
1	20350	10358	18.1%	51%
2	31150	15422	26.9%	50%
3	16100	7590	13.2%	47%
4	45425	23588	41.2%	52%
Unknown	-	340	.6%	-
State	113025	57298		51%

2

Includes bonus licenses issued.

3

Includes adult females and all fawns.

Table 10. Buck Firearms deer harvest by zone, 1987.

Zone	Buck 1 Hunters	Registered Kills		Buck Hunter Success 3
		Bucks 2 Registered	Percent of Harvest	
1	134687	28487	36.7%	21%
2	77459	21168	27.2%	27%
3	20794	6859	8.8 %	33%
4	66915	20869	26.9%	31%
Unknown	-	322	-	-
State	299855	77705		26%

1
License sales estimate minus permit holders.
Permit holders who took bucks not included here.

2
Includes adult males, unknown age males, and unidentified deer
taken by both buck-only hunters and antlerless permit holders.

3
Success is inflated because permit holders who took bucks
cannot be sorted out.

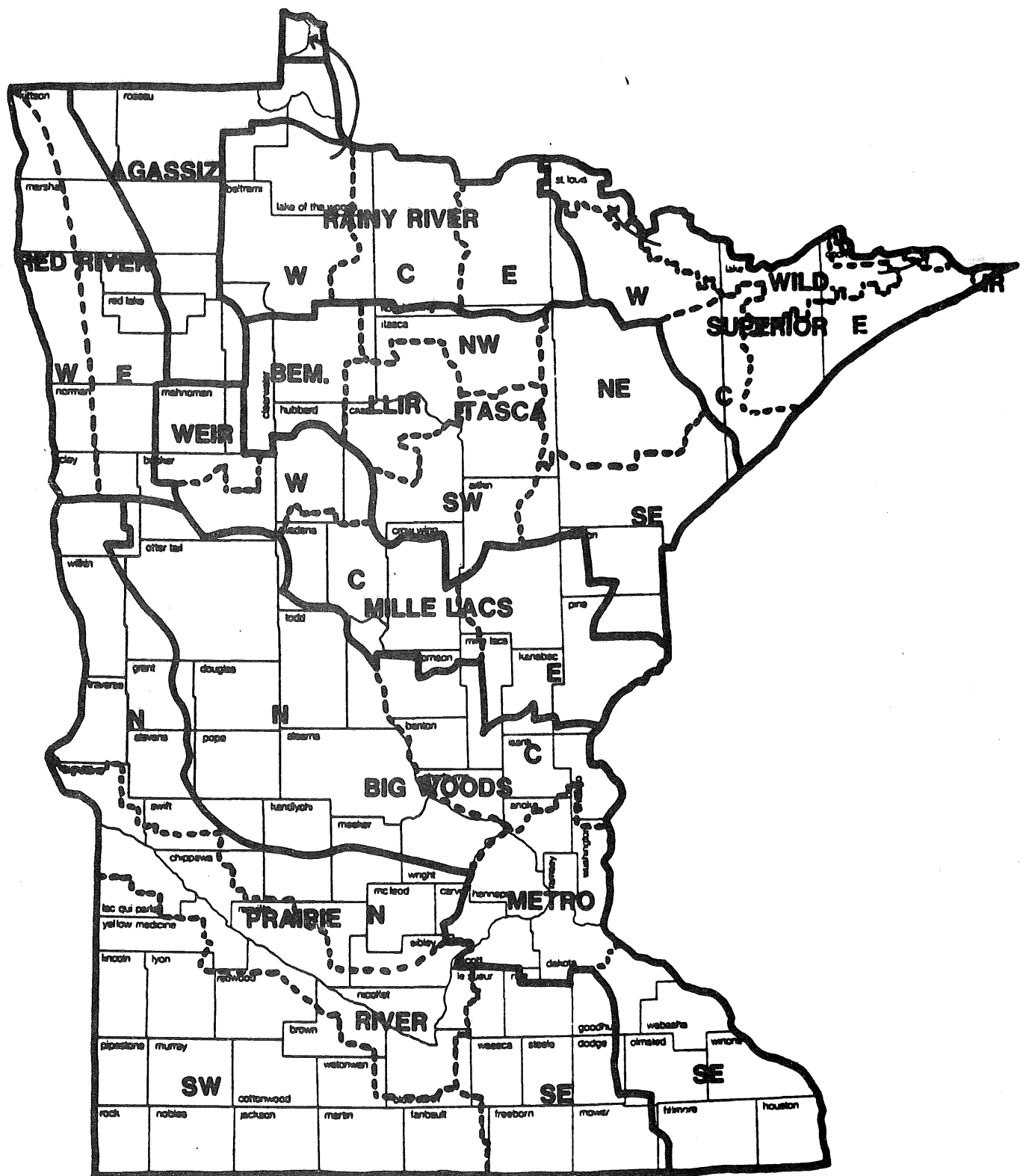


Figure 2. Deer Management Units (DMU's) and Sub-DMU's.

Table 11. Firearms deer harvest by date, 1987
Percent of kill by zone for antlered bucks and permit deer

Day of Season	Zone 1		Zone 2		Zone 3		Zone 4		State	
	Bucks	Permit	Bucks	Permit	Bucks	Permit	Bucks	Permit	Bucks	Permit
Nov 7	37.9	23.1	41.1	28.1	22.9	.2	39.3	32.2	37.8	25.1
8	22.2	20.1	22.2	24.6	14.7	.1	28.3	29.4	23.2	22.4
9	8.1	9.2	9.2	10.6	6.0	.0	.7	.6	6.2	4.8
10	4.4	4.8	4.7	5.4	3.8	.0	.1	.1	3.3	2.4
11	3.8	3.3	4.1	4.0	4.1	.1	.1	.0	2.9	1.7
12	2.6	2.1	3.2	3.3	3.2	.1	.0	.0	2.1	1.3
13	2.9	2.9	3.3	3.9	4.2	.1	.0	.0	2.4	1.6
14	6.0	8.2	6.5	10.9	7.4	.4	12.8	12.8	8.2	9.8
15	3.8	5.6	5.0	8.6	6.2	.2	9.0	11.6	5.8	8.2
16	.7	.9	.1	.1	.2	.0	4.8	6.5	1.6	2.9
17	.7	.9	.0	.0	.1	.0	4.0	6.0	1.4	2.7
18	.7	1.0	.0	.0	.0	.0	.1	.2	.3	.3
19	.7	1.3	.0	.0	.0	.0	.1	.1	.3	.3
20	.8	2.0	.0	.0	.0	.1	.1	.0	.3	.4
21	2.4	7.4	.0	.0	10.7	37.3	.0	.0	1.9	6.4
22	2.0	6.7	.0	.0	7.8	30.3	.0	.0	1.4	5.3
23	.0	.1	.0	.0	2.1	6.8	.0	.0	.2	.9
24	.0	.0	.0	.0	1.1	4.0	.0	.0	.1	.5
25	.0	.0	.0	.0	1.0	4.1	.0	.0	.1	.6
26	.0	.0	.0	.0	1.5	5.6	.0	.0	.1	.7
27	.0	.0	.0	.0	2.5	9.9	.0	.0	.2	1.3
Unknown	.2	.2	.4	.4	.5	.7	.4	.4	.3	.4
	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%

Figures within a zone do not total 100% because all unknown deer are not included (e.g. unknown block number or unknown date.)

Registration Block Map

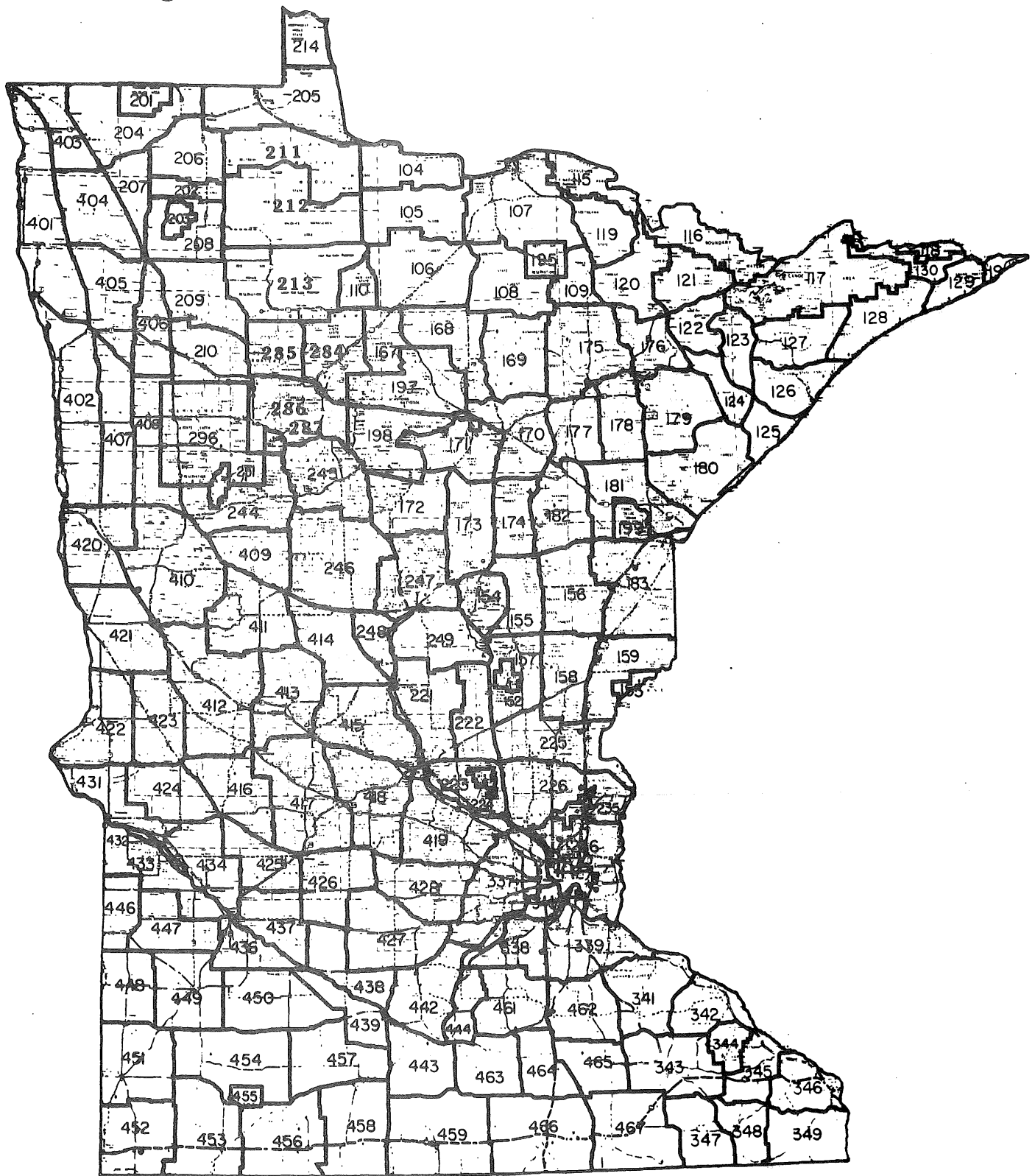


Figure 3. 1987 Kill-block map

Table 12. Harvest and success rates by DMU and Sub-DMU, 1987.

Unit	Permits ¹ Issued	Antlerless Registered	Permit Success ¹	Bucks Registered	Total Reg. Kill
Red River W	1,100	392	35.6%	479	871
Red River E	8,800	3,359	38.2%	2,379	5,738
Red River Total	9,900	3,751	37.9%	2,858	6,609
Agassiz Total	11,400	4,913	43.1%	4,706	9,619
Rainy River W	1,000	577	57.7%	1,677	2,254
Rainy River C	900	518	57.6%	1,656	2,174
Rainy River E	1,700	891	52.4%	1,844	2,735
Rainy River Total	3,600	1,986	55.2%	5,177	7 163
Superior W	3,000	1,145	38.2%	1,552	2,697
Superior C	1,000	465	46.5%	1,339	1,804
Superior E	0	3	-	741	744
Superior Wild.	0	0	-	87	87
Superior IR	0	0	-	1	1
Superior Total	4,000	1,613	40.3%	3,720	5,333
Itasca NW	1,500	927	61.8%	3,050	3,977
Itasca SW	2,000	1,275	63.8%	4,303	5,578
Itasca NE	3,000	1,430	47.7%	3,424	4,854
Itasca SE	5,000	2,228	44.6%	3,951	6,179
LLIR	500	234	46.8%	917	1,151
Bemidji	4,000	2,178	54.4%	3,475	5,653
Itasca Total	16,000	8,272	51.7%	19,120	27,392
Mille Lacs W	4,000	2,169	54.2%	2,463	4,632
Mille Lacs C	3,800	2,226	58.6%	3,910	6,136
Mille Lacs E	1,750	1,242	71.0%	5,622	6,864
WEIR	300	162	54.0%	866	1,028
Mille Lacs Total	9 850	5,799	58.9%	12,861	18,660
Big Woods N	19,550	10,205	52.2%	7,818	18,023
Big Woods C	5,200	2,700	51.9	3,372	6,072
Big Woods Metro	3,350	1,178	35.2%	1,376	2,554
Big Woods SE	14,000	6,807	48.6%	4,756	11,563
Big Woods Total	42,100	20,890	49.6%	17,322	38,212
Prairie N	2,900	1,653	55.0%	2,008	3,661
Prairie River	4,450	2,690	60.4%	2,507	5,197
Prairie SW	4,925	3,296	66.9%	3,907	7,203
Prairie SE	2,900	1,603	55.3%	1,771	3,374
Prairie Total	15,175	9 242	60.9%	10,193	19,435
Unknown	-	340	-	236	576
UNID					86
TOTAL	113,519	57,298	50.7%	77,619	135,003

¹ This assumes that bonus licenses make up for undersubscribed permits.

Table 13. Registered harvest, harvest/mi and antlerless success by Block and Permit Area, 1987

Permit Area #	Number of Permits	Area Size (SqMi)	No. in Harvest			Harvest/ Square Mile		
			BUCKS	AL	TOTAL	BUCKS	AL	TOTAL
110	300	89	425	178	603	4.77	2.00	6.77
115	0	303	34	0	34	.11	.00	.11
116	0	532	35	0	35	.06	.00	.06
117	0	1003	17	0	17	.01	.00	.01
118	0	100	1	0	1	.01	.00	.01
126	0	471	255	0	255	.54	.00	.54
127	0	630	115	2	117	.18	.00	.18
128	0	500	292	1	293	.58	.00	.58
129	0	208	65	0	65	.31	.00	.31
130	0	222	14	0	14	.06	.00	.06
152	0	47	98	0	98	2.08	.00	2.08
159	500	515	1404	348	1752	2.72	.67	3.39
194	0	73	1	0	1	.01	.00	.01
201	500	168	195	266	461	1.16	1.58	2.74
202	1500	166	412	542	954	2.48	3.26	5.74
203	500	108	223	235	458	2.06	2.17	4.23
204	1500	747	962	848	1810	1.28	1.13	2.41
205	800	592	733	454	1187	1.23	.76	1.99
206	1500	458	589	650	1239	1.28	1.41	2.69
207	1050	306	496	511	1007	1.62	1.66	3.28
208	750	466	245	270	515	.52	.57	1.09
209	1500	574	366	450	816	.63	.78	1.41
210	1800	1799	485	687	1172	.26	.38	.64
221	500	649	532	353	885	.81	.54	1.35
222	500	429	646	350	996	1.50	.81	2.31
223	1000	369	299	434	733	.81	1.17	1.98
224	500	45	90	155	245	2.00	3.44	5.44
225	1200	666	897	735	1632	1.34	1.10	2.44
226	1500	751	908	673	1581	1.20	.89	2.09
235	150	61	70	45	115	1.14	.73	1.87
236	1100	730	476	350	826	.65	.47	1.12
246	2000	1015	2012	1232	3244	1.98	1.21	3.19
247	750	651	874	380	1254	1.34	.58	1.92
248	300	135	288	173	461	2.13	1.28	3.41
249	750	543	736	441	1177	1.35	.81	2.16
251	200	66	153	102	255	2.31	1.54	3.85
296	300	1146	866	162	1028	.75	.14	.89
338	800	373	247	220	467	.66	.58	1.24
339	700	669	290	282	572	.43	.42	.85
341	2000	652	640	854	1494	.98	1.30	2.28
342	1000	396	591	562	1153	1.49	1.41	2.90
343	2000	656	659	578	1237	1.00	.88	1.88
344	1100	184	571	582	1153	3.10	3.16	6.26
345	1300	332	539	661	1200	1.62	1.99	3.61
346	2000	374	867	1064	1931	2.31	2.84	5.15

BUCKS includes adult males and unidentified deer taken by both buck-only hunters and antlerless permit holders.

AL includes adult females and all fawns.

Table 13. Registered harvest, harvest/mi and antlerless success by Block and Permit Area, 1987

Permit Area #	Number of Permits	Area Size (SqMi)	No. in Harvest			Harvest/ Square Mile		
			BUCKS	AL	TOTAL	BUCKS	AL	TOTAL
347	1100	434	533	610	1143	1.22	1.40	2.62
348	1200	327	656	726	1382	2.00	2.22	4.22
349	2300	510	973	1170	2143	1.90	2.29	4.19
401	400	1024	206	128	334	.20	.12	.32
402	700	1023	273	264	537	.26	.25	.51
403	600	375	274	308	582	.73	.82	1.55
404	1200	619	527	611	1138	.85	.98	1.83
405	2000	633	433	590	1023	.67	.92	1.59
406	1500	412	344	488	832	.83	1.18	2.01
407	2000	596	450	740	1190	.75	1.24	1.99
408	1500	499	351	622	973	.70	1.24	1.94
409	2000	415	745	1156	1901	1.79	2.78	4.57
410	3400	1071	1113	1594	2707	1.03	1.48	2.51
411	3600	678	1144	1740	2884	1.68	2.56	4.24
412	2500	1158	922	1332	2254	.79	1.15	1.94
413	1400	645	700	741	1441	1.08	1.14	2.22
414	1100	566	689	614	1303	1.21	1.08	2.29
415	800	748	359	418	777	.47	.55	1.02
416	1100	592	478	657	1135	.80	1.10	1.90
417	2200	978	822	1158	1980	.84	1.18	2.02
418	700	781	465	407	872	.59	.52	1.11
419	750	770	381	388	769	.49	.50	.99
420	800	639	271	390	661	.42	.61	1.03
421	600	718	258	305	563	.35	.42	.77
422	400	620	217	241	458	.35	.38	.73
423	500	542	211	276	487	.38	.50	.88
424	400	502	270	282	552	.53	.56	1.09
425	200	431	117	116	233	.27	.26	.53
426	300	543	212	148	360	.39	.27	.66
427	200	737	241	127	368	.32	.17	.49
428	300	590	211	158	369	.35	.26	.61
431	500	454	248	312	560	.54	.68	1.22
446	600	296	227	390	617	.76	1.31	2.07
447	450	456	189	277	466	.41	.60	1.01
448	330	444	300	249	549	.67	.56	1.23
449	470	465	392	370	762	.84	.79	1.63
450	400	874	183	234	417	.20	.26	.46
451	250	689	441	200	641	.64	.29	.93
452	350	617	254	226	480	.41	.36	.77
453	300	742	251	200	451	.33	.26	.59
454	550	826	419	352	771	.50	.42	.92
455	175	76	63	81	144	.82	1.06	1.88
456	250	755	311	162	473	.41	.21	.62
457	300	632	238	196	434	.37	.31	.68
458	200	739	218	146	364	.29	.19	.48

BUCKS includes adult males and unidentified deer taken by both buck-only hunters and antlerless permit holders.

AL includes adult females and all fawns.

Table 13. Registered harvest, harvest/mi and antlerless success by Block and Permit Area, 1987

Permit Area #	Number of Permits	Area Size (SqMi)	No. in Harvest			Harvest/ Square Mile		
			BUCKS	AL	TOTAL	BUCKS	AL	TOTAL
459	300	977	421	213	634	.43	.21	.64
461	400	509	241	218	459	.47	.42	.89
462	600	530	355	275	630	.66	.51	1.17
463	200	454	213	157	370	.46	.34	.80
464	300	365	175	177	352	.47	.48	.95
465	300	381	149	175	324	.39	.45	.84
466	600	942	345	335	680	.36	.35	.71
467	500	762	293	266	559	.38	.34	.72
-----			-----			-----		
	79925	54135	41485	39546	81031	.76	.73	1.49
104	600	457	243	52	295	.53	.11	.64
105		654	238	74	312	.36	.11	.47
106		911	750	214	964	.82	.23	1.05
-----			-----			-----		
	600	2022	1231	340	1571	.60	.16	.77
107	1700	1007	953	438	1391	.94	.43	1.37
108		574	552	270	822	.96	.47	1.43
109		243	335	179	514	1.37	.73	2.10
195		140	4	4	8	.02	.02	.04
-----			-----			-----		
	1700	1964	1844	891	2735	.93	.45	1.39
119	3000	412	640	472	1112	1.55	1.14	2.69
120		299	621	475	1096	2.07	1.58	3.65
121		370	291	198	489	.78	.53	1.31
-----			-----			-----		
	3000	1081	1552	1145	2697	1.43	1.05	2.49
122	1000	240	403	134	537	1.67	.55	2.22
123		274	222	78	300	.81	.28	1.09
124		276	305	95	400	1.10	.34	1.44
125		238	409	158	567	1.71	.66	2.37
-----			-----			-----		
	1000	1028	1339	465	1804	1.30	.45	1.75
167	1500	272	668	147	815	2.45	.54	2.99
168		560	1190	361	1551	2.12	.64	2.76
169		657	1192	419	1611	1.81	.63	2.44
-----			-----			-----		
	1500	1489	3050	927	3977	2.04	.62	2.67
170	2000	574	844	201	1045	1.47	.35	1.82
171		484	692	228	920	1.42	.47	1.89

BUCKS includes adult males and unidentified deer taken by both buck-only hunters and antlerless permit holders.

AL includes adult females and all fawns.

Table 13. Registered harvest, harvest/mi and antlerless success by Block and Permit Area, 1987

Permit Area #	Number of Permits	Area Size (SqMi)	No. in Harvest			Harvest/ Square Mile		
			BUCKS	AL	TOTAL	BUCKS	AL	TOTAL
172		509	1213	393	1606	2.38	.77	3.15
173		544	970	296	1266	1.78	.54	2.32
174		363	584	157	741	1.60	.43	2.03
	2000	2474	4303	1275	5578	1.73	.51	2.25
175	3000	754	1133	483	1616	1.50	.64	2.14
176		408	569	170	739	1.39	.41	1.80
177		413	352	153	505	.85	.37	1.22
178		455	427	182	609	.93	.40	1.33
179		659	943	442	1385	1.43	.67	2.10
	3000	2689	3424	1430	4854	1.27	.53	1.80
180	5000	749	955	486	1441	1.27	.64	1.91
181		585	862	406	1268	1.47	.69	2.16
182		549	618	404	1022	1.12	.73	1.85
183		932	1410	886	2296	1.51	.95	2.46
199		155	106	46	152	.68	.29	.97
	5000	2970	3951	2228	6179	1.33	.75	2.08
197	500	629	573	141	714	.91	.22	1.13
198		426	344	93	437	.80	.21	1.01
	500	1055	917	234	1151	.86	.22	1.09
154	750	117	360	91	451	3.07	.77	3.84
155		362	644	179	823	1.77	.49	2.26
156		626	1155	231	1386	1.84	.36	2.20
	750	1105	2159	501	2660	1.95	.45	2.40
157	500	392	890	167	1057	2.27	.42	2.69
158		502	1071	226	1297	2.13	.45	2.58
	500	894	1961	393	2354	2.19	.43	2.63
211	1000	743	1058	384	1442	1.42	.51	1.93
212		1123	558	188	746	.49	.16	.65
213		643	13	5	18	.02	.00	.02
214	0	112	48	0	48	.42	.00	.42
	1000	2621	1677	577	2254	.63	.22	.86

BUCKS includes adult males and unidentified deer taken by both buck-only hunters and antlerless permit holders.

AL includes adult females and all fawns.

Table 13. Registered harvest, harvest/mi and antlerless success by Block and Permit Area, 1987

Permit Area #	Number of Permits	Area Size (SqMi)	No. in Harvest			Harvest/ Square Mile		
			BUCKS	AL	TOTAL	BUCKS	AL	TOTAL
284	4000	544	1027	546	1573	1.88	1.00	2.88
285		351	677	417	1094	1.92	1.18	3.10
286		668	1661	1132	2793	2.48	1.69	4.17
287		53	110	83	193	2.07	1.56	3.63
	4000	1616	3475	2178	5653	2.15	1.34	3.49
244	4000	623	1142	923	2065	1.83	1.48	3.31
245		648	1321	1246	2567	2.03	1.92	3.95
	4000	1271	2463	2169	4632	1.93	1.70	3.64
337	600	777	254	217	471	.32	.27	.59
340		165	39	64	103	.23	.38	.61
	600	942	293	281	574	.31	.29	.60
432	1400	64	73	122	195	1.14	1.90	3.04
433		552	293	371	664	.53	.67	1.20
434		517	372	331	703	.71	.64	1.35
	1400	1133	738	824	1562	.65	.72	1.37
436	1200	338	172	293	465	.50	.86	1.36
437		456	227	381	608	.49	.83	1.32
	1200	794	399	674	1073	.50	.84	1.35
438	350	428	166	121	287	.38	.28	.66
439		353	162	98	260	.45	.27	.72
	350	781	328	219	547	.42	.28	.70
442	1000	576	383	312	695	.66	.54	1.20
443		502	304	265	569	.60	.52	1.12
444		244	107	84	191	.43	.34	.77
	1000	1322	794	661	1455	.60	.50	1.10
UNK	UNK		236	340	576	.00	.00	.00
UNID					86			

BUCKS includes adult males and unidentified deer taken by both buck-only hunters and antlerless permit holders.

AL includes adult females and all fawns.

Table 13. Registered harvest, harvest/mi and antlerless success by Block and Permit Area, 1987

Permit Area #	Number of Permits	Area Size (SqMi)	No. in Harvest			Harvest/ Square Mile		
			BUCKS	AL	TOTAL	BUCKS	AL	TOTAL
TOTAL	113025	83386	77619	57298	135003	.93	.68	1.61

BUCKS includes adult males and unidentified deer taken by both buck-only hunters and antlerless permit holders.

AL includes adult females and all fawns.

Table 14. Registered harvest and harvest/mi² by Block within Deer Management Unit (DMU), 1982-1987.

Block No.	Size (mi ²)	Registered Harvest (Harvest/Mile ²)							
		1982	1983	1984	1985	1986	1987		
401	1,024	133 (0.13)	184 (0.18)	232 (0.23)	314 (0.31)	294 (0.29)	334 (0.32)		
402	1,023	202 (0.20)	276 (0.27)	385 (0.38)	606 (0.59)	564 (0.55)	537 (0.51)		
Red River W.	2,047	335 (0.16)	460 (0.22)	617 (0.30)	920 (0.45)	858 (0.42)	871 (0.43)		
403	375	307 (0.82)	390 (1.04)	520 (1.39)	479 (1.28)	511 (1.36)	582 (1.55)		
404	619	530 (0.86)	736 (1.19)	989 (1.60)	1,088 (1.76)	998 (1.61)	1,138 (1.83)		
405	638	523 (0.82)	647 (1.02)	997 (1.56)	1,312 (2.06)	1,113 (1.74)	1,023 (1.59)		
406	412	393 (0.95)	559 (1.36)	726 (1.76)	989 (2.40)	785 (1.90)	832 (2.01)		
407	596	665 (1.12)	855 (1.44)	1,164 (1.95)	1,410 (2.37)	1,428 (2.40)	1,190 (1.99)		
408	499	523 (1.05)	763 (1.53)	833 (1.67)	1,343 (2.69)	1,212 (2.43)	973 (1.94)		
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)	5,738 (1.83)		
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)	6,609 (1.28)		
201	168	190 (1.13)	383 (2.28)	527 (3.14)	804 (4.79)	493 (2.93)	461 (2.74)		
202	166	275 (1.66)	519 (3.13)	578 (3.48)	966 (5.82)	682 (4.11)	954 (5.74)		
203	108	289 (2.68)	490 (4.53)	617 (5.71)	753 (6.97)	711 (6.58)	458 (4.23)		
204	747	1,121 (1.50)	1,512 (2.02)	1,819 (2.44)	1,951 (2.61)	1,326 (1.78)	1,810 (2.41)		
205	592	601 (1.02)	1,150 (1.95)	1,226 (2.07)	1,259 (2.13)	886 (1.50)	1,187 (1.99)		
206	458	500 (1.09)	944 (2.06)	1,112 (2.43)	1,503 (3.28)	955 (2.08)	1,239 (2.69)		
207	306	541 (1.77)	843 (2.75)	1,016 (3.32)	1,069 (3.49)	822 (2.69)	1,007 (3.28)		
208	466	230 (0.49)	526 (1.13)	592 (1.27)	696 (1.49)	485 (1.04)	515 (1.09)		
209	574	378 (0.66)	721 (1.25)	895 (1.56)	1,012 (1.76)	799 (1.39)	816 (1.41)		
210	498	426 (0.86)	799 (1.61)	1,088 (2.18)	1,364 (2.74)	1,163 (2.34)	1,172 (0.64)		
AGASSIZ TOTAL	4,083	4,551 (1.11)	7,887 (1.93)	9,470 (2.32)	11,377 (2.79)	8,322 (2.04)	9,619 (2.36)		
101 (211)	743	1,841 (2.48)	2,177 (2.93)	2,548 (3.43)	1,806 (2.43)	684 (0.92)	1,442 (1.93)		
102 (212)	1,123	938 (0.84)	1,035 (0.92)	1,163 (1.04)	1,121 (1.00)	598 (0.53)	746 (0.65)		
103 (213)	646	15 (0.02)	8 (0.01)	18 (0.03)	1 (0.00)	2 (0.00)	18 (0.02)		
214	112	14 (0.13)	20 (0.18)	13 (0.17)	16 (0.14)	15 (0.13)	48 (0.42)		
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)	2,254 (0.86)		
104	457	264 (0.58)	356 (0.78)	290 (0.63)	222 (0.49)	215 (0.47)	295 (0.64)		
105	654	167 (0.26)	320 (0.49)	282 (0.43)	226 (0.35)	268 (0.41)	312 (0.47)		
106	911	998 (1.00)*	1,600 (1.60)*	1,449 (1.45)*	703 (0.77)	728 (0.80)	964 (1.05)		
110	89				549 (6.17)	480 (5.39)	603 (6.77)		
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)	2,174 (0.98)		
107	1,007	799 (0.79)	1,358 (1.35)	972 (0.97)	992 (0.99)	1,059 (1.05)	1,391 (1.37)		
108	574	504 (0.88)	1,002 (1.74)	754 (1.31)	705 (1.23)	639 (1.11)	822 (1.43)		
109	243	196 (0.81)	406 (1.67)	459 (1.89)	392 (1.61)	410 (1.69)	514 (2.10)		
195	140	2 (0.01)	1 (0.01)	1 (0.01)	0 (0.00)	2 (0.01)	8 (0.04)		
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)	2,735 (1.39)		
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)	7,163 (1.07)		

Table 14. Continued.

Block No.	Size (mi ²)	Registered Harvest (Harvest/Mile ²)									
		1982	1983	1984	1985	1986	1987				
119	412	385 (0.93)	506 (1.23)	565 (1.37)	753 (1.83)	738 (1.79)	1,112 (2.69)				
120	299	607 (1.52)	1,269 (3.18)	1,027 (3.43)	1,419 (4.75)	1,346 (4.50)	1,096 (3.65)				
121	370	166 (0.45)	274 (0.74)	283 (0.63)	393 (1.06)	443 (1.20)	489 (1.31)				
Superior W.	1,081	1,158 (1.07)	2,049 (1.90)	1,825 (1.69)	2,565 (2.37)	2,527 (2.34)	2,697 (2.49)				
122	240	341 (0.76)*	251 (1.05)	277 (1.15)	330 (1.38)	442 (1.84)	537 (2.22)				
123	274	132 (0.20)*	188 (0.69)	131 (0.48)	177 (0.65)	197 (0.72)	300 (1.09)				
124	276	-included in Blk 123	339 (1.22)	263 (0.95)	291 (1.05)	396 (1.44)	400 (1.44)				
125	238	294 (1.23)	380 (1.60)	304 (1.28)	386 (1.62)	389 (1.63)	567 (2.37)				
Superior C.	1,028	767 (0.47)*	1,158 (1.13)	975 (0.95)	1,184 (1.15)	1,424 (1.38)	1,804 (1.75)				
126	471	205 (0.59)*	192 (0.41)	152 (0.32)	208 (0.44)	198 (0.42)	255 (0.54)				
127	630	50 (0.12)*	55 (0.13)	38 (0.06)	78 (0.12)	89 (0.14)	117 (0.18)				
128	500	157 (0.31)	172 (0.35)	170 (0.34)	241 (0.48)	208 (0.42)	293 (0.58)				
129	208	51 (0.25)	51 (0.24)	56 (0.27)	80 (0.38)	54 (0.26)	65 (0.31)				
130	222	9 (0.04)	11 (0.05)	4 (0.02)	6 (0.03)	12 (0.05)	14 (0.06)				
Superior E.	2,031	472 (0.28)*	481 (0.24)	420 (0.21)	613 (0.30)	561 (0.28)	744 (0.37)				
115	303	3 (0.01)	6 (0.02)	6 (0.02)	9 (0.03)	10 (0.03)	34 (0.11)				
116	532	29 (0.05)	22 (0.04)	17 (0.03)	36 (0.09)	29 (0.05)	35 (0.06)				
117	1,003	14 (0.01)	11 (0.01)	18 (0.02)	5 (0.00)	8 (0.00)	17 (0.01)				
118	100	0 (0.00)	17 (0.17)	0 (0.00)	0 (0.00)	3 (0.03)	1 (0.01)				
Superior Wild.	1,938	46 (0.02)	56 (0.03)	41 (0.02)	50 (0.03)	50 (0.03)	87 (0.04)				
194 (IR.)	73	3 (0.04)	4 (0.05)	0 (0.00)	3 (0.04)	4 (0.04)	1 (0.01)				
SUPERIOR TOTAL	6,251	2,446 (0.39)	3,748 (0.60)	3,261 (0.52)	4,415 (0.71)	4,566 (0.73)	5,333 (0.85)				
167	272	811 (2.98)	1,087 (4.00)	1,068 (3.93)	1,113 (4.09)	791 (2.91)	815 (2.99)				
168	560	1,627 (2.91)	2,328 (4.16)	2,163 (3.86)	2,234 (3.99)	1,747 (3.12)	1,551 (2.76)				
169	657	1,879 (2.86)	3,101 (4.72)	2,678 (4.08)	2,818 (4.29)	1,985 (3.02)	1,611 (2.44)				
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)	3,977 (2.67)				
170	574	920 (1.60)	1,063 (1.85)	986 (1.72)	1,139 (1.98)	929 (1.62)	1,045 (1.82)				
171	484	947 (1.96)	1,318 (2.73)	1,097 (2.27)	1,237 (2.56)	909 (1.88)	920 (1.89)				
172	509	1,830 (3.60)	2,119 (4.17)	2,103 (4.13)	2,313 (4.54)	1,698 (3.34)	1,606 (3.15)				
173	544	1,205 (2.22)	1,410 (2.59)	1,410 (2.59)	1,433 (2.63)	1,077 (1.98)	1,266 (2.32)				
174	363	639 (1.76)	830 (2.28)	707 (1.95)	762 (2.10)	598 (1.65)	741 (2.03)				
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)	5,578 (2.25)				
175	754	993 (1.32)	1,256 (1.67)	971 (1.29)	1,188 (1.58)	1,357 (1.80)	1,616 (2.14)				
176	408	421 (1.03)	495 (1.21)	407 (1.00)	601 (1.47)	566 (1.39)	739 (1.80)				
177	413	378 (0.92)	391 (0.95)	354 (0.86)	337 (0.82)	452 (1.09)	505 (1.22)				
178	445	379 (0.85)	397 (0.90)	260 (0.58)	476 (1.07)	463 (1.09)	609 (1.33)				
179	659	1,059 (1.61)	1,314 (1.99)	919 (1.39)	1,167 (1.77)	1,198 (1.82)	1,385 (2.10)				
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)	4,854 (1.80)				

Table 14. 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	
Leech 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 (284)	544	1,544	(2.84)	2,039	(3.75)	2,098	(3.86)	1,488	(2.74)	1,443	(2.65)
185 (285)	351	1,094	(3.12)	1,591	(4.54)	1,709	(4.87)	1,176	(3.35)	1,137	(3.24)
186 (286)	668	2,610	(3.91)	3,514	(5.26)	3,816	(5.71)	2,770	(4.15)	2,689	(4.02)
187 (287)	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	135	308	(2.29)	532	(3.94)	740	(5.48)	454	(3.37)	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.	2,344	4,861	(2.07)	8,918	(3.80)	10,706	(4.37)	8,531	(3.64)	8,565	(3.65)
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 14. Continued.

Block No.	Size (mi ²)	Registered Harvest (Harvest/Mile ²)									
		1982	1983	1984	1985	1986	1987				
409	415	1,080 (2.60)	1,299 (3.13)	1,563 (3.77)	1,588 (3.83)	1,718 (4.14)	1,901 (4.57)				
410	1,071	1,903 (1.78)	2,143 (2.00)	2,478 (2.31)	2,491 (2.33)	2,759 (2.58)	2,707 (2.51)				
411	678	1,926 (2.84)	2,149 (3.17)	2,464 (3.63)	2,482 (3.66)	2,648 (3.91)	2,884 (4.24)				
412	1,158	1,237 (1.07)	1,560 (1.34)	1,717 (1.48)	1,972 (1.70)	2,080 (1.80)	2,254 (1.94)				
413	645	903 (1.40)	1,161 (1.80)	866 (1.34)	1,259 (1.95)	1,276 (1.98)	1,441 (2.22)				
414	566	1,001 (1.77)	1,129 (2.00)	1,159 (2.05)	1,288 (2.28)	1,537 (2.72)	1,303 (2.29)				
415	748	467 (0.62)	584 (0.79)	626 (0.84)	807 (1.08)	660 (0.88)	777 (1.02)				
416	592	696 (1.18)	923 (1.56)	1,094 (1.85)	1,214 (2.05)	1,091 (1.84)	1,135 (1.90)				
417	978	1,201 (1.23)	1,693 (1.74)	1,416 (1.45)	1,744 (1.78)	1,900 (1.94)	1,980 (2.02)				
418	781	514 (0.66)	745 (0.95)	708 (0.91)	1,072 (1.37)	1,051 (1.35)	872 (1.11)				
419	770	322 (0.42)	565 (0.73)	557 (0.72)	647 (0.84)	665 (0.86)	769 (0.99)				
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)	18,023 (2.14)				
221	649	582 (0.90)	916 (1.42)	863 (1.33)	922 (1.42)	707 (1.09)	885 (1.35)				
222	429	519 (1.21)	802 (1.87)	845 (1.97)	1,052 (2.45)	862 (2.01)	996 (2.31)				
223	369	573 (1.55)	753 (2.04)	537 (1.46)	888 (2.41)	626 (1.70)	733 (1.98)				
224	45	325 (7.22)	238 (5.29)	271 (6.02)	267 (5.93)	91 (2.02)	245 (5.44)				
225	666	1,232 (1.87)	1,599 (2.40)	1,523 (2.29)	1,784 (2.68)	1,769 (2.66)	1,632 (2.44)				
226	751	799 (1.06)	1,407 (1.87)	1,323 (1.76)	1,637 (2.18)	1,652 (2.20)	1,581 (2.09)				
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)	6,072 (2.09)				
235	61	108 (1.77)	159 (2.61)	146 (2.39)	128 (2.10)	133 (2.18)	115 (1.87)				
236	730	240 (0.33)	421 (0.58)	461 (0.63)	673 (0.92)	628 (0.86)	826 (1.12)				
337	777	126 (0.19)*	291 (0.43)*	226 (0.34)*	500 (0.64)	540 (0.70)	471 (0.59)				
338	373	220 (0.37)*	333 (0.56)*	430 (0.73)*	440 (1.18)	442 (1.18)	467 (1.24)				
339	669	232 (0.32)*	358 (0.49)*	459 (0.63)*	540 (0.81)	517 (0.77)	572 (0.85)				
340	165				66 (0.40)	100 (0.61)	103 (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)	2,554 (0.92)				
341	652	703 (1.08)	906 (1.38)	1,405 (2.15)	1,507 (2.31)	1,651 (2.53)	1,494 (2.28)				
342	396	678 (1.71)	831 (2.10)	1,179 (2.98)	1,234 (3.12)	1,307 (3.30)	1,153 (2.40)				
343	656	410 (0.63)	629 (0.96)	978 (1.49)	987 (1.50)	1,281 (1.95)	1,237 (1.88)				
344	184	951 (5.17)	1,132 (6.16)	1,027 (5.58)	1,285 (6.98)	1,424 (7.74)	1,153 (6.26)				
345	332	763 (2.30)	882 (2.65)	1,205 (3.63)	1,423 (4.29)	1,516 (4.57)	1,200 (3.61)				
346	374	1,213 (3.24)	1,354 (3.62)	1,609 (4.30)	1,770 (4.73)	1,945 (5.20)	1,931 (5.15)				
347	434	459 (1.06)	782 (1.80)	1,059 (2.44)	1,059 (2.44)	1,178 (2.71)	1,143 (2.62)				
348	327	684 (2.09)	1,046 (3.20)	1,187 (3.63)	1,275 (3.90)	1,328 (4.06)	1,382 (4.22)				
349	510	1,237 (2.43)	1,428 (2.80)	1,831 (3.59)	1,912 (3.75)	2,268 (4.45)	2,143 (4.19)				
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)	12,836 (3.32)				
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)	39,485 (2.20)				

Table 14. Continued.

Block No.	Size (mi ²)	Registered Harvest (Harvest/Mile ²)							
		1982	1983	1984	1985	1986	1987		
420	639	273 (0.43)	487 (0.76)	572 (0.90)	631 (0.99)	582 (0.91)	661 (1.03)		
421	718	269 (0.37)	368 (0.51)	494 (0.69)	482 (0.67)	518 (0.72)	563 (0.77)		
422	620	209 (0.34)	273 (0.44)	431 (0.70)	520 (0.84)	404 (0.65)	458 (0.73)		
423	542	279 (0.51)	409 (0.75)	429 (0.79)	538 (0.99)	512 (0.94)	487 (0.88)		
424	502	223 (0.44)	310 (0.62)	366 (0.73)	479 (0.95)	466 (0.93)	552 (1.09)		
425	431	56 (0.13)	143 (0.33)	124 (0.29)	202 (0.47)	221 (0.51)	233 (0.53)		
426	543	381 (0.70)	549 (1.01)	466 (0.86)	445 (0.82)	485 (0.89)	360 (0.66)		
427	737	347 (0.47)	465 (0.63)	343 (0.47)	471 (0.64)	434 (0.59)	368 (0.49)		
428	590	289 (0.49)	432 (0.73)	274 (0.46)	329 (0.56)	361 (0.61)	369 (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)	4,051 (0.76)		
431	454	306 (0.67)	536 (1.18)	541 (1.19)	725 (1.60)	625 (1.38)	560 (1.22)		
432	64	94 (1.47)	241 (3.76)	320 (5.00)	155 (2.42)	106 (1.66)	195 (3.04)		
433	552	439 (0.80)	519 (0.94)	552 (1.00)	722 (1.31)	610 (1.10)	664 (1.20)		
434	517	342 (0.66)	648 (1.26)	485 (0.94)	685 (1.32)	510 (0.99)	703 (1.35)		
436	338	347 (1.03)	579 (1.72)	334 (0.99)	459 (1.36)	548 (1.62)	465 (1.36)		
437	456	419 (0.92)	506 (1.11)	408 (0.89)	431 (0.95)	490 (1.07)	608 (1.32)		
438	428	282 (0.66)	371 (0.87)	275 (0.64)	326 (0.76)	276 (0.64)	287 (0.66)		
439	353	336 (0.95)	496 (1.41)	361 (1.02)	421 (1.19)	322 (0.91)	260 (0.72)		
442	576	615 (1.07)	859 (1.50)	598 (1.04)	757 (1.31)	681 (1.18)	695 (1.20)		
443	502	520 (1.04)	633 (1.26)	485 (0.97)	529 (1.05)	549 (1.09)	569 (1.12)		
444	244	128 (0.52)	132 (0.54)	121 (0.50)	151 (0.62)	128 (0.52)	191 (0.77)		
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)	5,197 (1.16)		
446	296	395 (1.33)	467 (1.57)	500 (1.69)	534 (1.80)	519 (1.75)	617 (2.07)		
447	456	340 (0.75)	439 (0.97)	494 (1.08)	486 (1.07)	499 (1.09)	466 (1.01)		
448	444	387 (0.87)	664 (1.49)	554 (1.25)	567 (1.28)	671 (1.51)	549 (1.23)		
449	465	413 (0.89)	610 (1.31)	709 (1.52)	768 (1.65)	807 (1.74)	762 (1.63)		
450	874	354 (0.41)	544 (0.63)	290 (0.33)	344 (0.39)	345 (0.40)	417 (0.46)		
451	689	213 (0.31)	497 (0.72)	483 (0.70)	617 (0.90)	661 (0.96)	641 (0.93)		
452	617	168 (0.27)	296 (0.48)	312 (0.51)	378 (0.61)	437 (0.71)	480 (0.77)		
453	742	168 (0.23)	604 (0.82)	310 (0.42)	400 (0.54)	448 (0.60)	451 (0.59)		
454	826	550 (0.67)	1,176 (1.42)	554 (0.67)	814 (0.99)	701 (0.85)	771 (0.92)		
455	76	131 (1.72)	195 (2.37)	172 (2.26)	151 (1.99)	149 (1.96)	144 (1.88)		
456	755	285 (0.38)	681 (0.91)	389 (0.52)	459 (0.61)	556 (0.74)	473 (0.62)		
457	632	286 (0.45)	609 (0.96)	409 (0.65)	410 (0.65)	410 (0.65)	434 (0.68)		
458	739	262 (0.35)	452 (0.61)	322 (0.44)	339 (0.46)	348 (0.47)	364 (0.48)		
459	977	344 (0.35)	736 (0.75)	569 (0.58)	536 (0.55)	764 (0.78)	634 (0.64)		
Prairie SW	8,588	4,296 (0.50)	7,970 (0.93)	6,067 (0.71)	6,803 (0.79)	7,315 (0.85)	7,203 (0.84)		
461	509	317 (0.62)	569 (1.12)	453 (0.89)	478 (0.94)	478 (0.94)	459 (0.89)		
462	530	384 (0.72)	603 (1.13)	718 (1.35)	531 (1.00)	583 (1.10)	630 (1.17)		
463	454	193 (0.43)	368 (0.82)	390 (0.86)	346 (0.76)	396 (0.87)	370 (0.80)		
464	365	155 (0.42)	288 (0.79)	231 (0.63)	297 (0.81)	430 (1.18)	352 (0.95)		

Table 14. Continued.

Block No.	Size (mi ²)	Registered Harvest (Harvest/Mile ²)									
		1982	1983	1984	1985	1986	1987				
465	381	85 (0.22)	161 (0.42)	195 (0.51)	217 (0.57)	272 (0.71)	324 (0.84)				
466	942	276 (0.29)	566 (0.60)	706 (0.75)	443 (0.47)	620 (0.66)	680 (0.71)				
467	762	89 (0.12)	277 (0.36)	206 (0.27)	270 (0.35)	430 (0.56)	559 (0.72)				
Prairie SE	3,943	1,499 (0.38)	2,832 (0.72)	2,899 (0.74)	2,582 (0.65)	3,209 (0.81)	3,374 (0.86)				
PRAIRIE TOTAL	22,340	11,949 (0.53)	19,758 (0.88)	16,968 (0.76)	18,978 (0.85)	19,438 (0.87)	19,825 (0.89)				
UNKNOWN		478	639	89	603	683	576				
STATE TOTAL	82,444	93,045 (1.13)	132,457 (1.61)	132,042 (1.60)	138,065 (1.67)	129,770 (1.57)	135,003 (1.64)				

* 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.

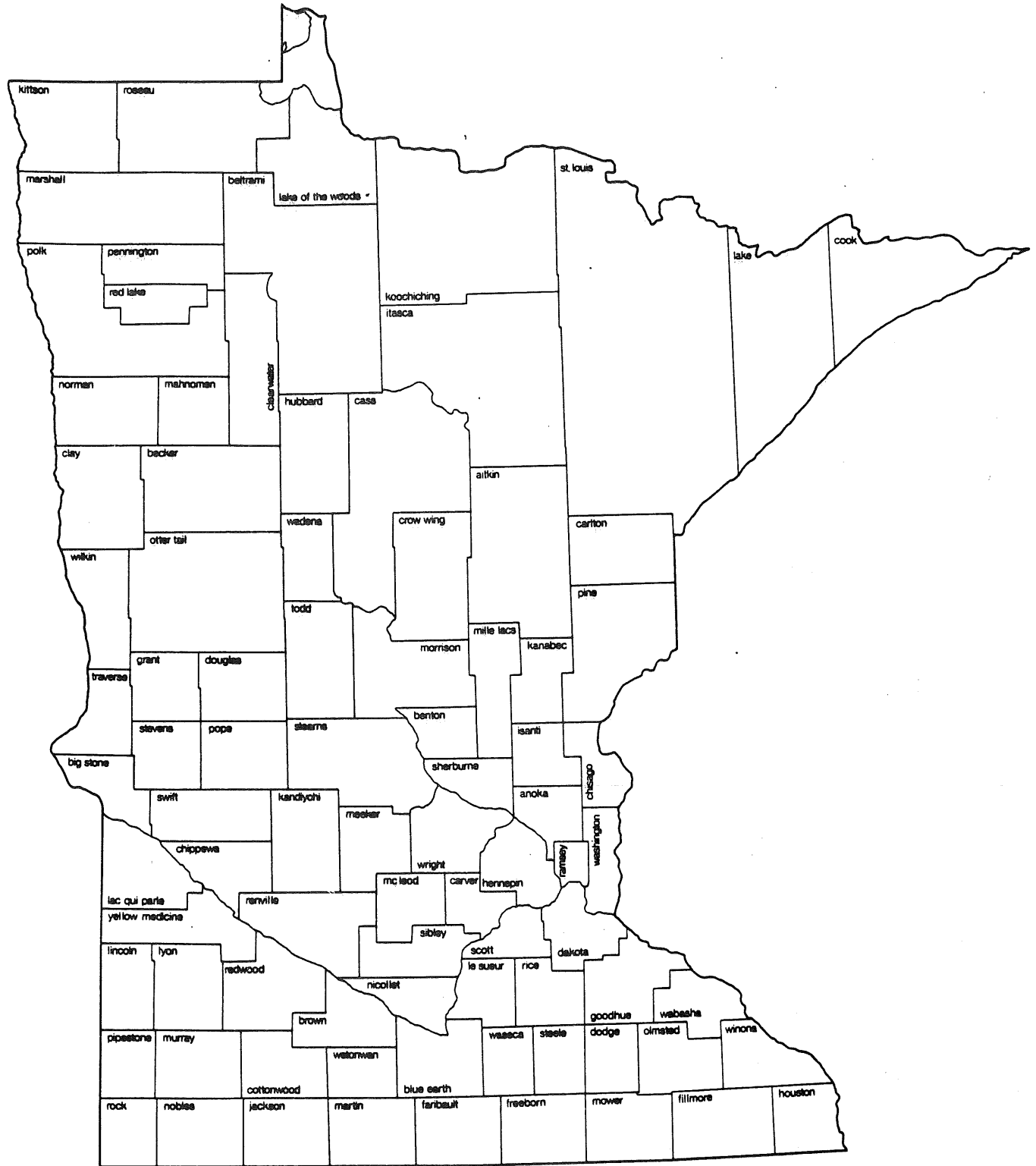


Figure 4. Counties of Minnesota.

TABLE 15. Registered firearms kill by county, 1987.

County	ADULT		FAWN		UnID	Total
	Male	Female	Male	Female		
Aitkin	3185	775	174	78	1	4213
Anoka	440	214	79	34		767
Becker	1883	1038	259	190		3370
Beltrami	3069	952	209	155		4385
Benton	292	123	16	24		455
Big Stone	263	219	70	51		603
Blue Earth	409	226	66	41	2	744
Brown	290	171	38	28	2	529
Carlton	1205	441	93	77		1816
Carver	162	82	25	37		306
Cass	3529	1199	262	164	4	5158
Chippewa	299	201	47	50		597
Chisago	704	359	94	56		1213
Clay	613	553	191	149		1506
Clearwater	1417	667	218	134		2436
Cook	374	2				376
Cottonwood	269	132	38	29		468
Crow Wing	1702	539	137	71	1	2450
Dakota	204	93	37	37		371
Dodge	211	138	65	30		444
Douglas	700	501	192	147		1540
Faribault	323	116	38	27		504
Fillmore	1356	964	338	268	2	2928
Freeborn	314	188	64	37		603
Goodhue	744	542	265	131		1682
Grant	291	261	87	81		720
Hennepin	108	55	27	13	2	205
Houston	1200	872	388	242	1	2703
Hubbard	2118	1235	336	256		3945
Isanti	565	309	104	71		1049
Itasca	4567	1156	227	155		6105
Jackson	335	139	21	22		517
Kanabec	1048	214	48	26		1336
Kandiyohi	616	438	155	105		1314
Kittson	1205	817	201	174	3	2400
Koochiching	2288	617	104	81		3090
Lac Qui Parle	458	428	127	114		1127
Lake	1050	186	18	13		1267
Lake of the Woods	1092	395	83	62		1632
LeSueur	229	114	19	52		414
Lincoln	375	166	90	43		674
Lyon	415	248	90	60		813
McLeod	212	92	30	17		351
Mahnomen	416	61	13	1		491
Marshall	1835	1446	345	298	1	3925
Martin	217	97	15	18		347
Meeker	319	207	46	35		607
Mille Lacs	934	251	53	44		1282
Morrison	1265	633	133	120	1	2152
Mower	254	142	64	35		495

TABLE 15. Continued

County	ADULT		FAWN		UnID	Total
	Male	Female	Male	Female		
Murray	385	204	44	54		687
Nicollet	256	130	30	41		457
Nobles	253	163	29	30		475
Norman	482	502	185	157		1326
Olmstead	614	374	156	87		1231
Ottertail	2824	2505	873	814	1	7017
Pennington	335	284	84	90		793
Pine	2901	733	155	74		3863
Pipestone	259	73	16	9		357
Polk	1176	1055	286	268	2	2787
Pope	643	550	185	118	1	1497
Ramsey	1	2				3
Red Lake	242	270	92	61		665
Redwood	349	312	72	63		796
Renville	368	300	92	49		809
Rice	325	166	41	44	1	577
Rock	190	124	12	16		342
Roseau	1973	1052	260	225		3510
St. Louis	7623	2881	502	396		11402
Scott	235	160	52	27	4	478
Sherburne	417	390	123	89		1019
Sibley	269	172	15	28		484
Stearns	771	521	176	153	1	1622
Steele	202	118	45	38		403
Stevens	237	205	53	38		53
Swift	497	345	106	104		1052
Todd	1160	728	273	186		2347
Traverse	217	147	55	42		461
Wabasha	817	515	187	115		1634
Wadena	1003	503	136	103		1745
Waseca	172	101	36	34		343
Washington	393	160	38	41		632
Watonwan	156	75	24	15		270
Wilkin	249	210	55	63		577
Winona	1531	1081	397	257	1	3267
Wright	322	160	88	43		613
Yellow Medicine	363	363	116	70	1	913
Non-Resident	2	1				3
Unknown	130	53	18	11	8	220
Totals	77711	38702	10946	8236	40	135635

This report includes bonus tags.

Table 16. 1987 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	21-22	82		15	26	41
Forestville SP	21-23	100	77	15	102	117
Minnesota River Valley	7-8 14-15	94	67	13	21	34
Lake Bronson SP	7-8 13-15	30 30	30 27	12 5	31 17	43 22
Lake Rebecca	14-15	80		13	27	40
Lawrence & Belle Plaine WS	21-22	40	16	6	25	31
Maplewood SP	14-15	20		45	78	123
Orchard Zone	28-13	n.a.	n.a.	n.a.	n.a.	16
Rice Lake NWR	14-16	101		17	25	42
Whitewater WMA Sanct.	21-27	60	n.a.	22	10	32
Zippel Bay	7-9	50	32	20	33	53

Table 17. Statewide Bow and Arrow deer statistics, 1987.

Bow and Arrow licenses sold (3-31-88 report)	68,844
Statewide Bow and Arrow registered deer kill	7,535
Bow and Arrow hunter success by registration	10.9%
Bow and Arrow registered buck harvest ¹	3,587
Percent of total	47.6%
Bow and Arrow registered antlerless harvest	3,948
Percent of total	52.4%

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

TABLE 18. Archery deer harvest by county, 1987.

County	ADULT		FAWN		UnID	Total
	Male	Female	Male	Female		
Aitkin	54	56	17	10		137
Anoka	118	95	28	37		278
Becker	26	14	9	6		55
Beltrami	61	51	8	15		135
Benton	17	13	2	4		36
Big Stone	19	8	4	1		32
Blue Earth	9	8	2	1		20
Brown	32	15	7	6		60
Carlton	15	8	2	1		26
Carver	33	25	14	5		77
Cass	53	45	16	11		125
Chippewa	43	31	3	7		84
Chisago	59	34	14	14		121
Clay	61	30	15	2	1	109
Clearwater	22	4	3	1		30
Cook	4	4				8
Cottonwood	37	14	11	8		70
Crow Wing	67	62	28	8		165
Dakota	75	59	23	17		174
Dodge	39	19	15	4		77
Douglas	40	21	5	6		72
Faribault	6	8	1			15
Fillmore	54	36	15	4		109
Freeborn	50	22	12	3		87
Goodhue	48	35	19	9		111
Grant	10	8		1		19
Hennepin	79	60	18	18	1	176
Houston	51	21	15	5		92
Hubbard	54	50	12	11		127
Isanti	33	39	7	3		82
Itasca	48	61	19	12		140
Jackson	41	13	4	3		61
Kanabec	33	26	11	6		76
Kandiyohi	68	48	8	3		127
Kittson	25	19	1	2		47
Koochiching	14	7	4	2		27
Lac Qui Parle	42	37	13	4		96
Lake	22	10	5	3		40
Lake of the Woods	11	7	3			21
LeSueur	22	15	4	1		42
Lincoln	16	15	7	6		44
Lyon	24	35	17	6		82
McLeod	25	14	4	2		45
Mahnomen	3		1			4
Marshall	40	20	8	7		75
Martin	34	18	9	3		64
Meeker	33	30	8	5		76
Mille Lacs	28	26	5	5		64
Morrison	166	125	56	41		388
Mower	51	26	20	8		105
Murray	33	32	16	5		86
Nicollet	28	14	5	3		50
Nobles	22	18	9	6		55

TABLE 18. Continued

County	ADULT		FAWN		UnID	Total
	Male	Female	Male	Female		
Norman	31	13	3	4		51
Olmstead	56	23	10	7		96
Ottertail	119	74	22	22		237
Pennington	11	1		3		15
Pine	88	81	18	14		201
Pipestone	18	23	8	6		55
Polk	73	25	9	3		110
Pope	35	28	3	1		67
Ramsey		2				2
Red Lake	3	4				7
Redwood	39	19	2	3		63
Renville	34	15	10	7		66
Rice	45	28	14	6		93
Rock	23	20	5	3		51
Roseau	40	30	8	3		81
St. Louis	77	58	13	11		159
Scott	73	74	25	20		192
Sherburne	50	44	14	8		116
Sibley	25	16	2	3		46
Stearns	111	68	28	19		226
Steele	28	11	5	2		46
Stevens	14	9	2	1		26
Swift	47	23	5	9		84
Todd	60	45	14	8		127
Traverse	25	6	1	1		33
Wabasha	28	15	4	3		50
Wadena	17	19	4	3		43
Waseca	1	2				3
Washington	90	68	24	7		189
Watsonwan	25	13	3	4		45
Wilkin	21	5	1	2		29
Winona	104	70	31	19		224
Wright	47	43	10	11	1	112
Yellow Medicine	23	20	3	3		49
Non-Resident						0
Unknown	8	5	2	1	1	17
Totals	3587	2511	865	568	4	7535

Table 19. Archery deer harvest by county, 1979-1987.

County	1979	1980	1981	1982	1983	1984	1985	1986	1987
Aitkin	34	68	110	107	94	88	140	130	137
Anoka	74	105	169	147	156	168	258	247	278
Becker	10	33	46	52	65	63	67	62	55
Beltrami	29	63	97	130	109	108	126	101	135
Benton	6	7	18	28	29	25	35	36	36
Big Stone	10	25	38	38	42	56	49	39	32
Blue Earth	35	73	80	78	116	94	116	95	20
Brown	27	36	46	48	47	50	38	66	60
Carlton	6	24	30	31	20	30	45	22	26
Carver	9	24	30	34	49	50	65	53	77
Cass	30	48	108	131	118	147	141	151	125
Chippewa	71	114	138	78	92	90	92	82	84
Chisago	31	38	68	78	95	103	142	135	121
Clay	19	44	75	84	94	123	111	132	109
Clearwater	3	17	21	21	27	20	22	29	30
Cook	0	1	12	7	5	9	29	12	8
Cottonwood	60	71	87	73	99	54	90	75	70
Crow Wing	32	47	123	105	99	156	177	159	165
Dakota	21	20	46	51	64	99	124	167	174
Dodge	17	19	26	22	45	76	52	63	77
Douglas	31	32	64	53	77	68	86	79	72
Faribault	31	51	46	49	57	47	58	73	15
Fillmore	22	46	50	64	75	81	108	83	109
Freeborn	38	37	47	34	69	60	61	67	87
Goodhue	34	57	63	69	71	69	113	112	111
Grant	10	19	18	22	27	27	33	26	19
Hennepin	35	78	69	44	97	78	105	156	176
Houston	25	46	55	70	58	67	79	75	92
Hubbard	42	56	97	130	102	98	126	138	127
Isanti	32	46	83	83	82	83	97	102	82
Itasca	36	98	171	146	113	127	155	169	140
Jackson	34	26	47	44	46	42	59	54	61
Kanabec	7	11	35	66	51	49	76	61	76
Kandiyohi	41	41	95	96	111	116	108	141	127
Kittson	1	8	12	10	28	32	24	23	47
Koochiching	23	28	33	18	21	29	20	29	27
Lac Qui Parle	38	53	87	82	78	108	141	107	96
Lake	8	18	40	46	30	39	50	40	40
Lake of the Woods	9	12	13	13	14	22	24	22	21
LeSueur	13	27	38	31	39	52	37	62	42

Table 19. Continued.

County	1979	1980	1981	1982	1983	1984	1985	1986	1987
Lincoln	57	50	72	56	74	35	68	54	44
Lyon	36	84	94	74	110	72	104	104	82
McLeod	63	32	40	28	2	33	35	55	45
Mahnomen	1	5	4	7	5	6	9	8	4
Marshall	18	38	39	45	66	82	79	75	75
Martin	25	40	35	38	56	33	41	55	64
Meeker	37	43	44	43	37	54	59	61	76
Mille Lacs	8	21	40	57	35	63	51	40	64
Morrison ^a	19	30	66	158	127	108	114	66	104 ^a
Mower	27	46	55	42	80	64	113	121	105
Murray	49	81	130	83	61	39	90	71	86
Nicollet	40	61	80	67	65	52	64	88	50
Nobles	34	43	79	33	54	18	43	48	55
Norman	11	15	20	34	35	45	43	39	51
Olmsted	25	24	55	51	85	84	86	108	96
Ottertail	60	98	133	153	175	178	234	223	237
Pennington	3	9	12	18	15	19	12	19	15
Pine	73	123	166	171	134	166	229	186	201
Pipestone	34	32	40	30	67	1	42	53	55
Polk	32	42	50	78	70	102	98	102	110
Pope	31	49	49	64	57	56	63	70	67
Ramsey	0	1	2	1	0	21	14	33	2
Red lake	4	2	1	3	4	13	8	6	7
Redwood	38	50	81	63	82	63	72	68	63
Renville	20	35	55	63	59	32	62	60	66
Rice	31	38	45	51	39	54	56	59	93
Rock	16	14	38	31	14	22	51	39	51
Roseau	32	62	77	90	112	98	94	86	81
St. Louis	42	87	180	149	120	127	180	209	159
Scott	41	44	50	37	50	72	87	136	192
Sherburne	60	89	128	116	113	115	131	128	116
Sibley	22	33	41	30	32	43	43	44	46
Stearns	49	81	134	143	122	159	241	239	226
Steele	7	14	19	27	29	30	41	41	46
Stevens	13	9	11	21	27	26	25	20	26
Swift	23	42	67	49	67	59	68	67	84
Todd	45	52	95	109	103	126	169	141	127
Traverse	7	12	21	13	21	32	22	19	33
Wabasha	20	15	18	30	61	57	50	61	50
Wadena	14	21	45	69	70	64	43	62	43

Table 19. Continued.

County	1979	1980	1981	1982	1983	1984	1985	1986	1987
Waseca	20	26	46	35	55	42	27	36	3
Washington	15	39	75	91	88	154	174	196	189
Watonwan	16	31	34	30	35	20	39	39	45
Wilkin	2	15	26	34	39	34	34	32	29
Winona	72	96	116	138	117	151	234	196	224
Wright	29	45	71	78	83	95	92	115	112
Yellow Medicine	34	35	47	38	54	47	47	44	49
Unknown	40	20	25	63	23	34	37	70	17
Camp Ripley	148	b	153	129	237	387	278	257	284
St. Croix St. Pk.	b	b	b	b	b	b	b	b	b
Totals	2,577	3,641	5,535	5,566	5,977	6,390	7,575	7,610	7,535

^a Camp Ripley not included.

^b No archery hunt.

TABLE 20. 1987 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	20	9	2	3	0	34
	402	47	20	3	4	1	75
	Total	67	29	5	7	1	109
Red River East	403	11	7	1	0	0	19
	404	17	10	5	2	0	34
	405	13	3	2	1	0	19
	406	10	9	3	0	0	22
	407	37	16	7	4	0	64
	408	11	2	0	0	0	13
	Total	99	47	18	7	0	171
Agassiz	201	5	7	1	0	0	13
	202	3	3	1	3	0	10
	203	1	1	0	0	0	2
	204	11	8	1	1	0	21
	205	12	9	2	0	0	23
	206	8	7	0	1	0	16
	207	9	6	0	0	0	15
	208	7	0	1	1	0	9
	209	24	4	0	1	0	29
	210	8	1	1	0	0	10
	Total	88	46	7	7	0	148
Rainy River West	211	18	9	7	3	0	37
	212	9	4	0	2	0	15
	214	0	1	0	0	0	1
	Total	27	14	7	5	0	53
Rainy River Central	104	1	0	0	0	0	1
	106	10	7	3	2	0	22
	110	4	4	0	0	0	8
	Total	15	11	3	2	0	31
Rainy River East	107	6	2	2	1	0	11
	108	1	1	0	0	0	2
	109	0	1	0	0	0	1
	Total	7	4	2	1	0	14
Superior West	119	0	1	0	0	0	1
	120	2	3	1	0	0	6
	121	3	3	0	0	0	6
	Total	5	7	1	0	0	13

TABLE 20. Continued

Sub-DMU	Block	ADULT		FAWN		UnID	Total
		Male	Female	Male	Female		
Superior Wilderness	115	0	1	0	0	0	1
	Total	0	1	0	0	0	1
Superior Central	122	7	8	0	2	0	17
	123	2	1	0	0	0	3
	125	11	4	3	1	0	19
	Total	20	13	3	3	0	39
Superior East	126	6	3	2	2	0	13
	127	1	0	0	0	0	1
	128	3	2	0	0	0	5
	129	1	1	0	0	0	2
	Total	11	6	2	2	0	21
Itasca NW	167	7	8	0	1	0	16
	168	7	11	4	3	0	25
	169	17	14	4	2	0	37
	Total	31	33	8	6	0	78
Itasca SW	170	19	19	5	2	0	45
	171	7	13	4	4	0	28
	172	22	20	7	5	0	54
	173	10	18	6	3	0	37
	174	14	8	3	4	0	29
	Total	72	78	25	18	0	193
Itasca NE	175	2	7	2	0	0	11
	176	1	4	0	1	0	6
	177	6	4	0	1	0	11
	178	5	5	3	0	0	13
	179	14	6	0	2	0	22
	Total	28	26	5	4	0	63
Itasca SE	180	21	16	7	5	0	49
	181	12	7	0	0	0	19
	182	7	8	3	2	0	20
	183	21	7	2	1	0	31
	Total	61	38	12	8	0	119
Leech Lake Ind. Res	197	4	4	2	4	0	14
	198	1	0	0	0	0	1
	Total	5	4	2	4	0	15
Bemidji	284	31	26	5	5	0	67
	285	9	0	1	1	0	11

TABLE 20. Continued

Sub-DMU	Block	ADULT		FAWN		UnID	Total
		Male	Female	Male	Female		
	286	38	34	10	9	0	91
	287	2	1	0	0	0	3
	Total	80	61	16	15	0	172
Mille Lacs West	244	17	9	9	5	0	40
	245	30	23	4	6	0	63
	251	1	3	0	1	0	5
	Total	48	35	13	12	0	108
Mille Lacs Central	246	28	30	9	6	0	73
	247	41	39	14	6	0	100
	248	143	104	43	38	0	328
	249	28	23	9	2	0	62
	Total	240	196	75	52	0	563
Mille Lacs East	152	2	3	0	1	0	6
	154	12	11	5	1	0	29
	155	10	9	2	1	0	22
	156	20	23	6	5	0	54
	157	21	17	8	3	0	49
	158	40	35	9	10	0	94
	159	48	49	9	5	0	111
	Total	153	147	39	26	0	365
W.E. Ind. Res.	296	7	3	2	0	0	12
	Total	7	3	2	0	0	12
Big Woods North	409	24	14	1	4	0	43
	410	45	26	15	5	0	91
	411	49	28	5	10	0	92
	412	46	32	9	3	0	90
	413	59	29	7	7	0	102
	414	27	19	6	5	0	57
	415	45	37	17	9	0	108
	416	46	27	3	6	0	82
	417	70	51	14	7	0	142
	418	66	54	18	9	0	147
	419	55	40	12	13	1	121
	Total	532	357	107	78	1	1075
Big Woods Central	221	15	16	6	1	0	38
	222	10	15	4	0	0	29
	223	43	43	15	10	0	111
	224	3	6	3	4	0	16
	225	49	32	15	13	0	109
	226	115	85	20	17	0	237
	Total	235	197	63	45	0	540

TABLE 20. Continued

Sub-DMU	Block	ADULT		FAWN		UnID	Total
		Male	Female	Male	Female		
Big Woods Metro	235	23	27	7	9	0	66
	236	129	103	33	23	0	288
	Total	152	130	40	32	0	354
Big Woods Metro	337	97	77	25	19	1	219
	338	70	76	28	21	0	195
	339	66	51	19	16	0	152
	340	31	14	8	4	0	57
	Total	264	218	80	60	1	623
Big Woods S.E.	341	33	19	15	5	0	72
	342	21	13	4	1	0	39
	343	55	23	9	7	0	94
	344	54	41	22	15	0	132
	345	29	25	5	5	0	64
	346	52	21	10	2	0	85
	347	28	16	9	2	0	55
	348	18	12	5	2	0	37
	349	35	14	12	4	0	65
	Total	325	184	91	43	0	643
Prairie North	420	31	14	6	0	0	51
	421	22	12	3	3	0	40
	422	26	6	0	1	0	33
	423	9	9	0	0	0	18
	424	9	4	2	1	0	16
	425	13	5	0	0	0	18
	426	19	12	2	1	0	34
	427	23	10	4	5	0	42
	428	27	21	7	3	0	58
	Total	179	93	24	14	0	310
Prairie River	431	15	7	4	1	0	27
	432	10	8	2	6	0	26
	433	34	26	11	2	0	73
	434	49	34	4	5	0	92
	436	24	11	0	2	0	37
	437	21	10	5	2	0	38
	438	15	11	2	2	0	30
	439	23	9	5	6	0	43
	442	44	26	7	5	0	82
	443	14	12	2	2	0	30
	444	10	7	3	1	0	21
	Total	259	161	45	34	0	499
Prairie Southwest	446	15	10	3	3	0	31

TABLE 20. Continued

Sub-DMU	Block	ADULT		FAWN		UnID	Total
		Male	Female	Male	Female		
	447	8	11	2	0	0	21
	448	13	9	4	4	0	30
	449	24	30	15	4	0	73
	450	15	8	1	2	0	26
	451	22	36	15	10	0	83
	452	26	27	7	3	0	63
	453	25	14	10	6	0	55
	454	47	31	16	5	0	99
	455	13	10	4	8	0	35
	456	46	15	4	3	0	68
	457	24	11	5	3	0	43
	458	34	20	3	3	0	60
	459	13	9	5	1	0	28
	Total	325	241	94	55	0	715
Prairie Southeast	461	20	17	3	0	0	40
	462	50	26	18	9	0	103
	463	2	2	0	0	0	4
	464	19	7	2	1	0	29
	465	31	12	16	4	0	63
	466	55	25	14	4	0	98
	467	59	33	19	8	0	119
	Total	236	122	72	26	0	456
Unknown	UNK	16	9	4	2	1	32
	Total	16	9	4	2	1	32
Grand Totals		3587	2511	865	568	4	7535

Table 21. 1987 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	10/10-11	2,500	n.a.	58	109	167
	10/24-25	2,500	n.a.	63	54	117
Crow-Hassen PR	10/31-11/1	140	814	6	12	18
	11/19-20					
Murphy-Hanrehan PR	11/13-15	200	435	4	14	18
Minnesota River Valley	various	unlimited	3824	n.a.	n.a.	n.a.
Lake Louise SP	11/14-17	25	379	1	9	10
Whitewater WMA Sanct.	9/19-11/6	100	1114	12	10	22

Table 22. Metro Bonus Bow Hunt results, 1987.

This table is not available because Metro Area and Orchard Area bonus Bow Hunt registrations cannot be separated from regular bow kills due to lack of an identifying mark.

Table 23. 1987 deer harvest in Special Muzzleloader Season (Bonus License Deer).

	Adult		Fawn		Total	
	Male	Female	Male	Female	#	%
Carlos Avery WMA ¹ Sanctuary	11	14	3	3	31	5.8%
Chengwatana SF	2	1	1	1	5	0.9%
Cloquet Valley SF	0	2	0	0	2	0.4%
Danvers WMA ¹	0	3	0	0	3	0.6%
Forestville SP ¹	0	5	4	1	10	1.9%
Fort Snelling	1	2	1	0	4	0.8%
George Washington SF	1	3	0	0	4	0.8%
Gores Pool WMA	0	2	1	0	3	0.6%
Lac qui Parle WMA ¹ and Big Stone NWR ¹	12	44	26	30	112	20.9%
Lake Shetek SP ¹	5	8	5	7	25	4.7%
McCarthy Lake WMA	0	1	3	1	5	0.9%
Meadowbrook WMA	1	2	1	0	4	0.8%
Mille Lacs WMA	3	13	3	2	21	3.9%
Nemadji SF	1	1	0	0	2	0.4%
Paul Bunyan Game Refuge	2	8	12	5	27	5.0%
Red Lake WMA and Beltrami Island SF	3	6	3	2	14	2.6%
R. J. Dorer Memorial SF						
Roseau River SF	0	1	1	0	2	0.4%
Rum River SF	1	4	0	1	6	1.1%
Talcot Lake WMA ¹	2	9	8	10	29	5.4%
Thief Lake WMA	1	3	1	1	6	1.1%
Whitewater WMA	22	67	26	2	117	21.9%
" Sanctuary	26	45	6	19	96	17.9%
Walnut Lake WMA ¹	2	3	2	0	7	1.3%
TOTAL	96	247	107	85	535	
Percent	17.9%	46.2%	20.0%	15.9%	100%	100%

¹ Special Permit Areas - See Table 23.

Table 24. 1987 Muzzleloader Permit Area Information

Area	Dates	Permits Issued	Number of Applications	Harvest (Bonus Deer)		
				Buck	Antlerless	Total
Carlos Avery (Sanctuary)	28-04 05-13	20 20	not available			
Danvers WMA	28-04 05-13	3 5	3 5	0 0	3	3
Forestville SP	10-13	54	54	0	10	10
Lac qui Parle WMA and Big Stone NWR	28-04 05-13	175 252	175 252	6 6	24 74	30 80
Lake Shetek SP	28-04	32	99	5	20	25
Minnesota Valley	11-13	13	13	1	1 (2)	4
Talcot Lake WMA	28-04 05-13	52 30	54 30	2 0	16 11	18 11
Walnut Lake WMA	28-04 05-13	21 12	6	2	5	7
Whitewater WMA Sanctuary	28-13	104	174	29	51	80

Table 25. Special Muzzleloader Season Harvests, 1981-1987.

	1981	1982	1983	1984	1985	1986	1987
Carlos Avery WMA	53	31	57	22	23	41	31
Carlos Avery WMA (Sanctuary)	—	—	—	—	16	6	
Chengwatana SF	—	—	1	1	4	5	5
Cloquet Valley SF	—	—	—	2	1	0	2
Danvers WMA	—	3	1	7	7	9	3
Forestville SP	—	—	—	—	—	—	10
Fort Snelling SP	—	—	—	—	—	—	4
George Washington SF	—	—	5	14	16	17	4
Gores Pool WMA	—	—	5	5	1	2	3
Lac qui Parle WMA and Big Stone NWR	91	130	168	151	199	146	112
Lake Shetek SP	19	36	35	30	25	28	25
McCarthy Lake WMA	1	0	1	0	0	2	5
Meadowbrook WMA	3	4	11	6	6	1	4
Mille Lacs WMA	54	25	5	14	13	13	21
Nemadji SF	—	—	1	1	0	3	2
Paul Bunyan Game Refuge	—	—	19	33	27	28	27
Red Lake WMA and Beltrami Island SF	14	14	29	11	21	27	14
R.J. Dorer Memorial SF	7	32	10	6	1	2	0
Roseau River WMA	4	1	3	5	3	4	2
Rum River SF	—	—	3	1	7	5	6
Savanna SF	—	—	2	2	6	6	0
Talcot Lake WMA	16	61	137	13	43	19	29
Thief Lake WMA	12	6	5	7	8	2	6
Whitewater WMA	90	80	150	139	97	143	117
Whitewater Sanctuary	—	—	—	45	—	—	96
Walnut Lake WMA	5	0	4	6	5	6	7
Totals	385	441	652	532	563	593	535

