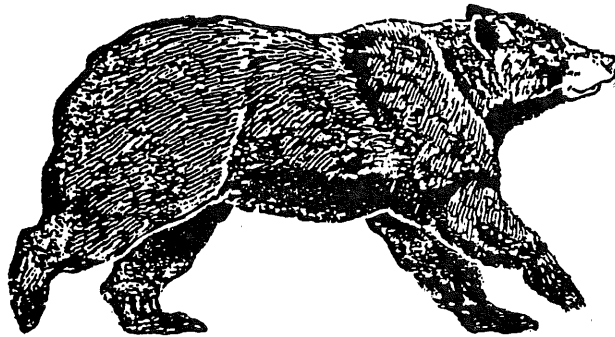


MINNESOTA
BLACK BEAR HARVEST

1984



DEPARTMENT OF NATURAL RESOURCES
SECTION OF WILDLIFE

<u>Table of Contents</u>	<u>Page</u>
Table 1. 1984 bear hunt application distribution by zone and by preference level	3
Table 2. 1984 bear license drawing information	4
Table 3. Bear license sales, 1971-1984	5
Table 4. Registered bear harvest by county, 1984	6
Table 5. Registered bear harvest by county, 1976-1984	7
Table 6. Registered bear harvest and success by Bear Permit Area, 1982-1984	8
Table 7. Registered bear harvest by Kill Block and Bear Permit Area, 1984	9
Table 8. Registered bear harvest by weapon, 1984	12
Table 9. Registered bear harvest by date, 1984	13
Table 10. Bear hunter harvest and success, 1971-1984	15
Figure 1. Bear Permit Areas and license information, 1984	16
Figure 2. Bear Hunt information	17
Figure 3. Kill Block Map used for 1984 Bear Season	18

Don Schultz

MDNR Section of Wildlife
January, 1985

Table 1. 1984 bear hunt application distribution by zone and by preference level.

Zone	Preference level	Total application	Rejects	Valid applications
NW (1)	0	109	22	87
	1	1,186	3	1,183
	2	288	-	288
	3	15	-	15
Zone Totals		1,598	25	1,573
NC (2)	0	280	48	232
	1	2,888	9	2,879
	2	847	7	840
	3	53	-	53
Zone Totals		4,068	64	4,004
NE (3)	0	158	33	125
	1	1,277	4	1,273
	2	351	-	351
	3	26	-	26
Zone Totals		1,812	37	1,775
WC (4)	0	289	68	221
	1	2,970	12	2,958
	2	859	1	858
	3	58	-	58
Zone Totals		4,176	81	4,095
EC (5)	0	406	84	322
	1	4,271	10	4,261
	2	1,374	3	1,371
	3	156	1	155
Zone Totals		6,207	98	6,109
State Totals		17,886 ¹	330 ¹	17,556

¹ Includes 25 applications where the zone was not specified.

Table 2. 1984 bear license drawing information.

Zone	Permits available	Permit distribution by preference level			
		3	2	1	0
NW (01)	600	15	288	297	
	Remaining applicants after drawing	-----886			87
NC (02)	1,050	53	840	157	
	Remaining applicants after drawing	-----2,722			232
NE (03)	510	26	351	133	
	Remaining applicants after drawing	-----1,140			125
WC (04)	770	58	712		
	Remaining applicants after drawing	-----146		2,958	221
EC (05)	950	155	795		
	Remaining applicants after drawing	-----576		4,261	322

Licenses Issued

NW	534
NC	943
NE	445
WC	705
EC	863
<hr/>	
Total	3,490*

* There were 11 licenses issued that are not included here.

Table 3. Bear license sales, 1971-1984.

Year	Resident	Non-resident	Total
1971	1,333	53	1,386
1972	1,984	85	2,069
1973	2,982	134	3,116
1974	5,507	220	5,727
1975	5,903	254	6,157
1976	3,678	283	3,961
1977	5,213	506	5,719
1978	6,274	838	7,112
1979	6,708	875	7,583
1980	7,732	945	8,677
1981	10,284	1,145	11,429
1982	1,854	67	1,921
1983	3,378	104	3,482
1984	3,401	100	3,501

Table 4. Registered bear harvest by county, 1984.

County	Residents				Non-residents				TOTAL
	Males	Females	Unk.	Total	Males	Females	Unk.	Total	
Aitkin	51	44	1	96	0	0	0	0	96
Becker	3	5	0	8	1	0	0	1	9
Beltrami	36	23	1	60	0	0	0	0	60
Carlton	8	11	0	19	0	0	0	0	19
Cass	49	20	0	69	2	2	0	4	73
Clearwater	1	6	0	7	0	0	0	0	7
Cook	23	7	0	30	0	0	0	0	30
Crow Wing	14	7	0	21	0	0	0	0	21
Hubbard	32	12	0	44	0	1	0	1	45
Itasca	82	42	1	125	2	1	0	3	128
Kanabec	15	4	0	19	0	0	0	0	19
Kittson	8	0	0	8	0	0	0	0	8
Koochiching	55	26	0	81	5	3	0	8	89
Lake	19	8	0	27	0	1	0	1	28
Lake of the Woods	24	15	0	39	1	1	0	2	41
Mahnomen	1	4	0	5	0	0	0	0	5
Marshall	14	3	0	17	0	0	0	0	17
Mille Lacs	8	3	0	11	0	0	0	0	11
Morrison	2	3	0	5	0	0	0	0	5
Pennington	1	1	0	2	0	0	0	0	2
Pine	36	16	0	52	0	0	0	0	52
Roseau	16	15	0	31	1	0	0	1	32
St. Louis	72	39	0	111	5	6	0	11	122
TOTAL	570	314	3	887	17	15	0	32	919

Table 5. Registered bear harvest by county, 1976-1984.

County	1976	1977	1978	1979	1980	1981	1982	1983	1984	TOTAL
Aitkin	29	65	103	55	92	128	39	102	96	709
Becker	2	8	12	13	7	9	1	14	9	75
Beltrami	15	36	44	42	28	79	24	78	60	406
Carlton	8	12	14	7	17	18	3	9	19	107
Cass	28	56	51	57	69	110	29	93	73	566
Chisago	0	1	0	0	0	1	0	0	0	2
Clearwater	3	4	2	12	3	18	4	8	7	61
Cook	26	72	98	72	148	79	7	46	30	578
Crow Wing	6	7	9	12	9	33	8	26	21	131
Hubbard	5	8	23	16	15	19	11	25	45	166
Isanti	0	0	0	0	1	3	0	0	0	4
Itasca	80	134	158	108	212	172	50	121	128	1,163
Kanabec	10	20	28	10	12	18	8	19	19	144
Kittson	4	0	0	1	0	0	0	1	8	14
Koochiching	29	41	91	89	137	149	66	105	89	796
Lake	31	50	78	40	74	80	17	42	28	440
Lake of the Woods	2	8	16	12	30	43	25	32	41	209
Mahnomen	0	1	3	0	0	1	2	2	5	14
Marshall	0	1	0	1	2	3	1	9	17	34
Mille Lacs	1	10	7	5	5	12	3	11	11	65
Morrison	0	0	4	3	1	1	1	10	5	25
Norman	0	0	1	0	0	0	0	0	0	1
Pennington	0	0	0	0	0	1	0	3	2	6
Pine	21	36	58	31	62	73	20	55	52	408
Polk	0	0	0	0	1	0	0	0	0	1
Red Lake	0	0	0	0	3	2	0	0	0	5
Roseau	16	4	8	4	18	18	7	23	32	130
St. Louis	91	124	210	148	289	284	64	197	122	1,529
Wadena	0	0	1	0	0	1	0	0	0	2
Wilkin	0	0	0	1	0	0	0	0	0	1
Unknown	12	3	9	4	13	4	22	7	0	54
TOTAL	419	701	1,028	743	1,247	1,359	392	1,038	919	7,846

Table 6. Registered bear harvest and success (based on registered harvest and license sales) by Bear Permit Area, 1983-1984.

Bear Permit Area	1983			1984		
	Permits issued	Harvest	Success	Permits issued	Harvest	Success
Northwest (NW)	587	177	30.2%	534	184	34.5%
Northcentral (NC)	760	245	32.2%	943	226	24.0%
Northeast (NE)	473	155	32.6%	445	78	17.5%
Westcentral (WC)	818	219	26.8%	705	205	29.1%
Eastcentral (EC)	844	242	28.7%	863	226	26.2%
Total	3,482	1,038	29.8%	3,490 ¹	919	26.2%

¹ There were 11 licenses issued that are not included here.

Table 7. Registered bear harvest by Kill Block and Bear Permit Area (BPA), 1984.

	Kill Block	Registered Harvest			
		Males	Females	Unknown	Total
<u>Northwest BPA</u>	101	17	13	0	30
	102	11	13	0	24
	103	2	0	0	2
	104	10	6	0	16
	105	1	6	0	7
	106	23	10	1	34
	107	3	1	0	4
	214	2	2	0	4
	301	0	0	0	0
	302	5	0	0	5
	303	0	0	0	0
	304	14	4	0	18
	305	8	5	0	13
	306	3	0	0	3
	307	3	1	0	4
	308	4	3	0	7
	401	0	0	0	0
	403	0	0	0	0
404	0	0	0	0	
	Unknown	9	4	0	13
<u>Total Northwest</u>		115	68	1	184
<u>Northcentral BPA</u>	107	24	12	0	36
	108	15	6	0	21
	109	3	1	0	4
	115	0	0	0	0
	116	3	3	0	6
	119	9	7	0	16
	120	17	4	0	21
	121	2	5	0	7
	168	6	4	0	10
	169	24	4	0	28
	170	18	9	0	27
	175	8	3	0	11
	176	3	3	0	6
	177	1	0	0	1
	178	1	1	0	2
	181	6	9	0	15
	182	2	0	0	2
	195	0	0	0	0
199	0	0	0	0	
	Unknown	6	7	0	13
<u>Total Northcentral</u>		148	78	0	226

Table 7. Continued.

	Kill Block	Registered Harvest			
		Males	Females	Unknown	Total
<u>Northeast BPA</u>	116	0	0	0	0
	117	0	1	0	1
	118	0	0	0	0
	122	2	1	0	3
	123	3	0	0	3
	124	0	1	0	1
	125	4	1	0	5
	126	7	1	0	8
	127	5	4	0	9
	128	6	3	0	9
	129	11	1	0	12
	130	3	1	0	4
	176	2	0	0	2
	179	3	1	0	4
	180	13	3	0	16
194	0	0	0	0	
	Unknown	0	1	0	1
<u>Total Northeast</u>		59	19	0	78
<u>Eastcentral BPA</u>	151	0	0	0	0
	152	5	3	0	8
	153	0	0	0	0
	154	1	1	0	2
	155	10	12	0	22
	156	12	6	0	18
	157	4	0	0	4
	158	19	6	0	25
	159	27	10	0	37
	170	3	4	0	7
	171	1	3	1	5
	173	24	11	1	36
	174	4	16	0	20
	181	1	3	0	4
	182	13	7	0	20
	183	7	8	0	15
	199	0	0	0	0
	249	0	0	0	0
	325	0	0	0	0
	326	0	0	0	0
335	0	0	0	0	
336	0	0	0	0	
337	0	0	0	0	
	Unknown	3	0	0	3
<u>Total Eastcentral</u>		134	90	2	226

Table 7. Continued.

Kill Block	Registered Harvest			
	Males	Females	Unknown	Total
103	0	0	0	0
<u>Westcentral BPA</u> 167	3	3	0	6
168	6	7	0	13
171	8	2	0	10
172	18	7	0	25
184	4	1	0	5
185	1	2	0	3
186	15	5	0	20
187	0	1	0	1
197	18	8	0	26
198	15	6	0	21
244	3	3	0	6
245	17	12	0	29
246	3	3	0	6
247	3	1	0	4
248	0	0	0	0
249	0	1	0	1
251	0	0	0	0
296	4	8	0	12
309	1	0	0	1
310	0	0	0	0
321	0	0	0	0
322	1	0	0	1
323-420	0	0	0	0
Unknown	11	4	0	15
<u>Total Westcentral</u>	<u>131</u>	<u>74</u>	<u>0</u>	<u>205</u>
<u>TOTAL</u>	<u>587</u>	<u>329</u>	<u>3</u>	<u>919</u>

Table 8. Registered bear harvest by weapon, 1984.

Weapon	Registered Harvest
Rifle	749
Shotgun w/slug	29
Muzzleloader	12
Bow and Arrow	124
Handgun	4
Unknown	1
Total	919

Table 9. Registered bear harvest by date, 1984.

Date	Males	Females	Unknown	Total
September 1	137	67	0	204
2	93	43	1	136
3	58	16	0	71
4	22	12	0	34
5	27	9	0	36
6	11	14	0	25
7	11	13	0	24
Total Week 1	359	174	1	530
September 8	22	17	0	39
9	19	9	0	28
10	7	4	0	11
11	6	7	0	13
12	5	3	0	8
13	9	5	0	14
14	12	7	0	19
Total Week 2	80	52	0	132
September 15	10	9	0	18
16	22	11	0	30
17	7	7	0	14
18	9	1	0	10
19	3	3	0	6
20	4	0	0	4
21	9	4	0	13
Total Week 3	64	35	0	95
September 22	5	8	1	14
23	4	4	0	8
24	1	1	0	2
25	1	7	1	9
26	6	2	0	8
27	4	0	0	4
28	3	2	0	5
Total Week 4	24	24	2	50
September 29	7	6	0	13
30	5	3	0	8
October 1	4	1	0	5
2	2	3	0	4
3	5	4	0	9
4	2	1	0	3
5	2	3	0	5
Total Week 5	27	21	0	47

Table 9. Continued.

Date	Males	Females	Unknown	Total
October 6	5	0	0	5
7	1	4	0	5
8	1	0	0	1
9	3	0	0	3
10	0	1	0	1
11	1	1	0	2
12	3	2	0	5
Total Week 6	14	8	0	22
October 13	6	3	0	9
14	4	2	0	6
Total Week 7	10	5	0	15
Unknown	9	10	0	19
Total	587	329	3	919

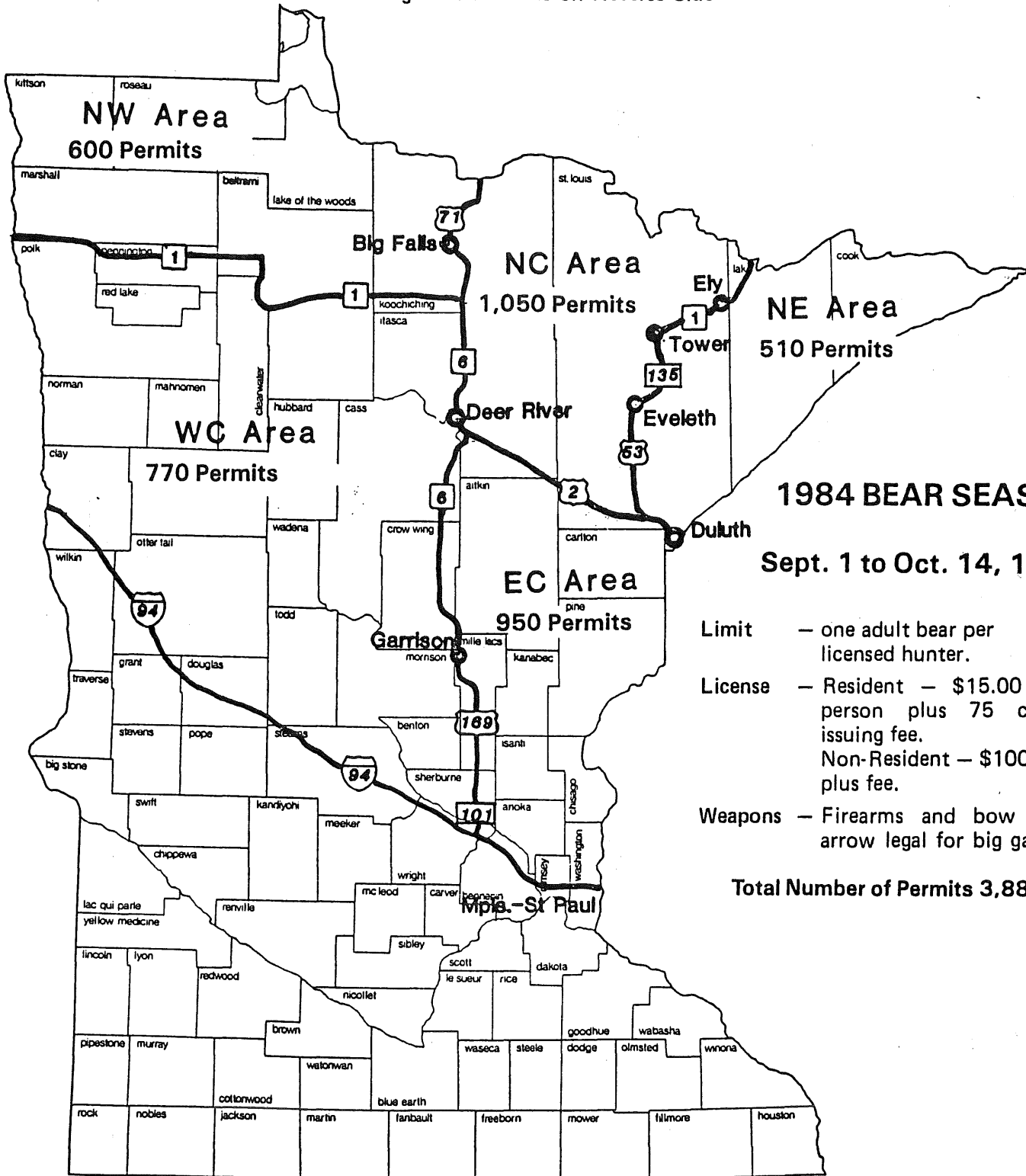
Table 10. Bear hunter harvest and success (based on registered harvest and license sales), 1971-1984.

Year	Resident		Non-resident		Unknown	Total	
	Harvest	Success	Harvest	Success		Harvest	Success
1971						43	3.1%
1972						178	8.6%
1973						352	11.3%
1974						644	11.2%
1975						522	8.5%
1976						419	10.6%
1977						701	12.3%
1978						1,028	14.4%
1979	596	8.9%	147	16.8%		743	9.8%
1980	968	12.5%	240	25.4%	39	1,247	14.4%
1981	1,094	10.6%	265	23.1%		1,359	11.9%
1982	362	19.5%	30	44.8%		392	20.4%
1983	986	29.2%	52	50.0%		1,038	29.8%
1984	987	29.0%	32	32.0%		919	26.2%

Source: Minnesota Black Bear Harvest Reports, 1979-1983. Data by license holder not available prior to 1979.

1984 BEAR HUNT PERMIT AREAS Number of Permits Available

Regulation Details on Reverse Side



1984 BEAR SEASON

Sept. 1 to Oct. 14, 1984

Limit – one adult bear per licensed hunter.

License – Resident – \$15.00 per person plus 75 cents issuing fee.
Non-Resident – \$100 plus fee.

Weapons – Firearms and bow and arrow legal for big game.

Total Number of Permits 3,880

IMPORTANT -- READ INSTRUCTIONS ON REVERSE BEFORE COMPLETING APPLICATION

Figure 1. Bear Permit Areas and license information, 1984.

STATE OF MINNESOTA
DEPARTMENT OF NATURAL RESOURCES

1984 BEAR HUNT INFORMATION

General

Only those persons selected by a computerized drawing will be eligible to purchase a Minnesota bear hunting license for 1984. Applications for the drawing will be accepted through April 16, 1984. A quota of applicants will be selected for each Bear Permit Area. The quota for each Permit Area is shown on the map on the reverse side. Each applicant must apply for only one of the Bear Permit Areas. A total of 3,880 applicants will be selected.

Bear season dates: September 1 through October 14, 1984

Limit: One adult bear per licensed hunter

License: \$15.00 per person plus 75 cent issuing fee (Nonresident - \$100.00)

Weapons: Firearms and bow and arrow legal for big game

Baiting: Baiting may not begin prior to August 17, 1984

Areas Open to Hunting

Each hunter obtaining a license will be restricted to hunting in the Bear Permit Area for which he has been issued a validated bear hunting license. Map of permit areas and number of permits available are shown on the reverse side of this sheet.

Who is Eligible

Anyone who is at least 12 years of age prior to September 1, 1984, and who has not had his big game hunting privileges suspended pursuant to M.S. Section 98.52. Preference will be given to applicants who have previously applied but were not selected. The Driver's License number or Identification Number* issued in lieu of a Driver's License number by the Department of Public Safety is necessary for computerized identification. Information supplied on the application form will be matched against existing state records for validity and eligibility.

Group Application

Persons may apply individually or with a group (maximum of 4 people). The group option is to accommodate those who do not want to hunt unless they can hunt with one or more hunting partners. Those who wish to apply as a group should send their applications for the drawing together in one envelope. All applications mailed in one envelope will be treated as a group. The preference rating of a group will be determined by the member that has the lowest preference. Faulty applications within any group will be rejected before preference of the group is determined. Applicants should make sure that everyone in their group applies for the same Permit Area, otherwise, applications will be placed in the drawing individually.

Caution

Any person making more than one application per year or making a faulty application will be disqualified from this drawing. Further, improper application may violate Minnesota Statutes and related Commissioner's Orders, which would subject the applicant to prosecution for a misdemeanor.

No application for the drawing, application for the license, or license shall be transferable to another person at any time or for any reason.

SEND NO MONEY - Successful applicants in the drawing will receive further instructions and an application for obtaining their bear license. Only applicants who are successful in the drawing will be notified.

When to Apply

Applications for the computer drawing will be accepted through April 16, 1984 for the 1984 bear hunting season. Mail or bring your application to:

Bear Hunt
Department of Natural Resources - License Bureau
625 North Robert Street
St. Paul, Minnesota 55101

*Minimum time to obtain an Identification Card is 30 days.

DEER REGISTRATION BLOCK MAP

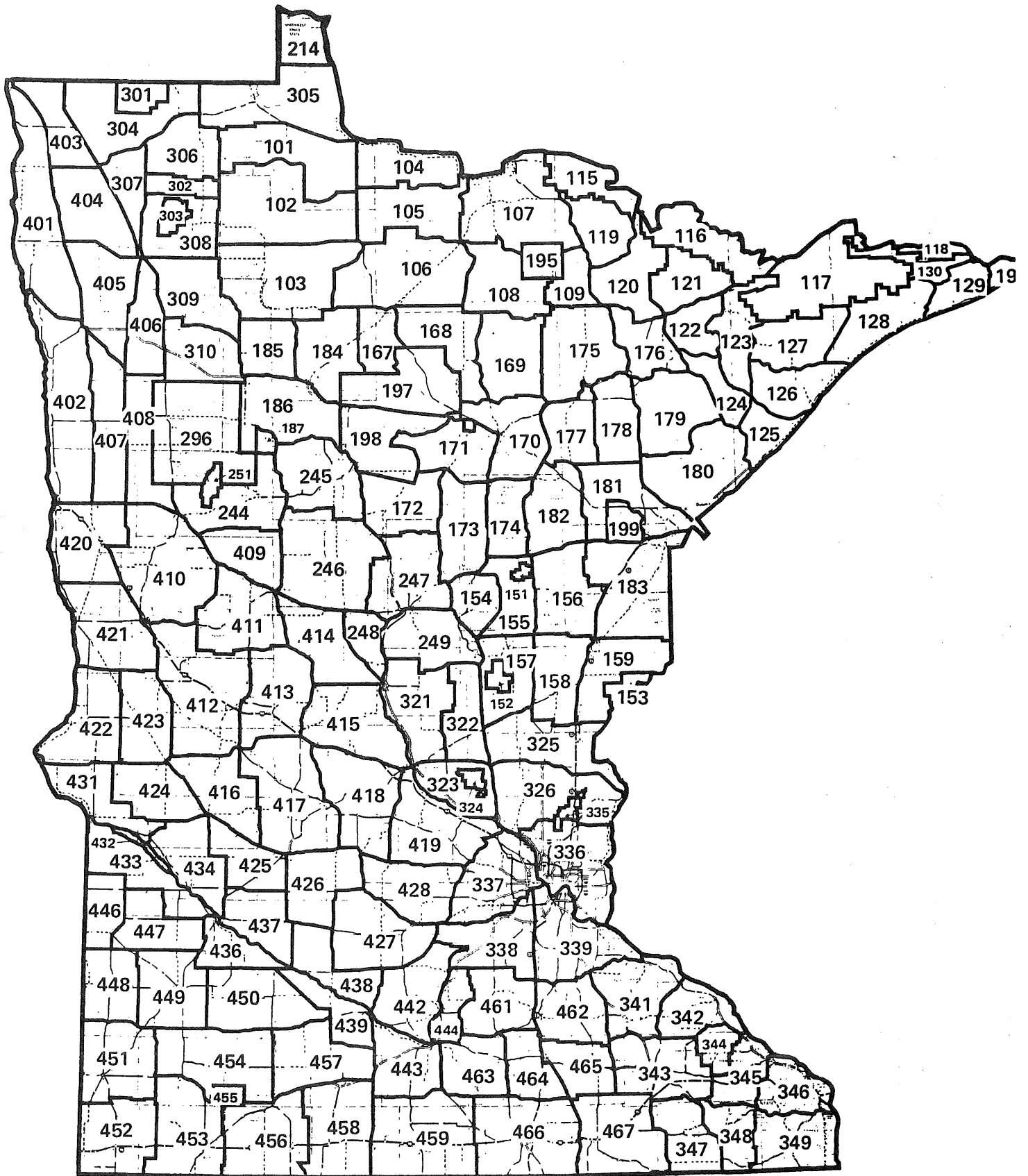


Figure 3. Kill Block Map used for 1984 Bear season.

