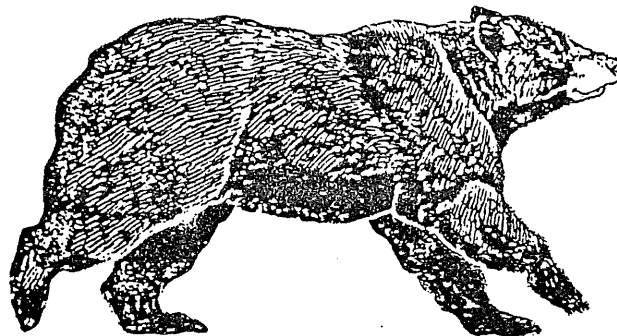


MINNESOTA
BLACK BEAR HARVEST

1982



DEPARTMENT OF NATURAL RESOURCES
SECTION OF WILDLIFE

1982 Bear Season Results

Contents

- Table 1. Registered Bear Kill by County for 1982 Season
 - Table 2. Minnesota Black Bear Harvest by County, 1976-1982
 - Table 3. Registered Black Bear Harvest by Bear Permit Area and Kill Block for 1982
 - Table 4. Registered Black Bear Harvest by Bear Permit Area for 1982
 - Table 5. Registered and Calculated Black Bear Harvests by Bear Permit Area, 1982 Bear Season
 - Table 6. License Sales for Hunting Black Bear in Minnesota 1971-1981
 - Table 7. Registered Harvest of Black Bear in Minnesota by Resident and Nonresident License Buyers, 1971-1982
 - Table 8. Bear Hunter Success Calculated Using Registered Harvest and License Sales, 1971-1982
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- Figure 1. Bear permit areas seasons and license quotas for the 1982 bear season.
 - Figure 2. Kill block map used for 1982 season.

Bear Season Results - 1982

The 1982 hunting season for black bear was a major departure from the past seasons. Since bear were afforded game animal status in 1971, anyone was allowed to buy a license and hunt during the established season(s). From 1971 through 1978 an early fall season was followed by another during the November firearms deer season. Beginning in 1979 bear hunting was restricted to the early fall season, and in 1982 the number of licenses sold was limited to 1960. This restriction resulted from mounting concern over the increasing numbers of resident and nonresident bear hunters and the effect hunting was having on the bear population.

The accompanying tables summarize the 1982 season and provide some comparisons with previous years.

Table 1. Registered Bear Kill by County for 1982 Season

| County | Resident | Hunters | | Total |
|-------------------|----------|---------|-------------|-------|
| | | | Nonresident | |
| Aitkin | 36 | | 3 | 39 |
| Becker | 1 | | 0 | 1 |
| Beltrami | 19 | | 5 | 24 |
| Carlton | 3 | | 0 | 3 |
| Cass | 26 | | 3 | 29 |
| Clearwater | 4 | | 0 | 4 |
| Cook | 7 | | 0 | 7 |
| Crow Wing | 7 | | 1 | 8 |
| Hubbard | 11 | | 0 | 11 |
| Itasca | 48 | | 2 | 50 |
| Kanabec | 7 | | 1 | 8 |
| Koochiching | 63 | | 3 | 66 |
| Lake | 17 | | 0 | 17 |
| Lake of the Woods | 24 | | 1 | 25 |
| Mahnomen | 2 | | 0 | 2 |
| Marshall | 1 | | 0 | 1 |
| Mille Lacs | 3 | | 0 | 3 |
| Morrison | 1 | | 0 | 1 |
| Pine | 19 | | 1 | 20 |
| Roseau | 7 | | 0 | 7 |
| St. Louis | 55 | | 9 | 64 |
| Unknown | 1 | | 1 | 2 |
| Totals | 362 | | 30 | 392 |

Table 2. Registered Minnesota Black Bear Harvest by County, 1976-1982.

| County | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 |
|-------------------|------|------|------|------|------|------|------|
| Aitkin | 29 | 65 | 103 | 55 | 92 | 128 | 39 |
| Becker | 2 | 8 | 12 | 13 | 7 | 9 | 1 |
| Beltrami | 15 | 36 | 44 | 42 | 28 | 79 | 24 |
| Carlton | 8 | 12 | 14 | 7 | 17 | 18 | 3 |
| Cass | 28 | 56 | 51 | 57 | 69 | 110 | 29 |
| Chisago | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| Clearwater | 3 | 4 | 2 | 12 | 3 | 18 | 4 |
| Cook | 26 | 72 | 98 | 72 | 148 | 79 | 7 |
| Crow Wing | 6 | 7 | 9 | 12 | 9 | 33 | 8 |
| Hubbard | 5 | 8 | 23 | 16 | 14 | 19 | 11 |
| Isanti | 0 | 0 | 0 | 0 | 1 | 3 | 0 |
| Itasca | 80 | 134 | 158 | 108 | 212 | 172 | 50 |
| Kanabec | 10 | 20 | 28 | 10 | 12 | 18 | 8 |
| Kittson | 4 | 0 | 0 | 1 | 0 | 0 | 0 |
| Le Sueur | 29 | 41 | 91 | 89 | 137 | 149 | 66 |
| Lake | 31 | 50 | 78 | 40 | 74 | 80 | 17 |
| Lake of the Woods | 2 | 8 | 16 | 12 | 30 | 43 | 25 |
| Mahnomen | 0 | 1 | 3 | 0 | 0 | 1 | 2 |
| Marshall | 0 | 1 | 0 | 1 | 2 | 3 | 1 |
| Mille Lacs | 1 | 10 | 7 | 5 | 5 | 12 | 3 |
| Morrison | 0 | 0 | 4 | 3 | 1 | 1 | 1 |
| Norman | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Pennington | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Pine | 21 | 36 | 58 | 31 | 62 | 73 | 20 |
| Polk | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Red Lake | 0 | 0 | 0 | 0 | 3 | 2 | 0 |
| Roseau | 16 | 4 | 8 | 4 | 18 | 18 | 7 |
| St. Louis | 91 | 124 | 210 | 148 | 289 | 284 | 64 |
| Wadena | 0 | 0 | 1 | 0 | 0 | 1 | 0 |
| Wilkin | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Unknown | 12 | 3 | 9 | 4 | 13 | 4 | 2 |
| Total | 419 | 701 | 1028 | 743 | 1247 | 1359 | 392 |

Table 3. Registered Black Bear Harvest by Bear Permit Area and Kill Block for 1982.

| Bear Permit Area | Kill Block | No. of Bear Registered | | | Total |
|----------------------|------------|------------------------|--------|---------|-------|
| | | Male | Female | Unknown | |
| <u>Northeast</u> | | | | | |
| | 31 | 3 | 1 | 0 | 4 |
| | 35 | 1 | 1 | 0 | 2 |
| | 38 | 1 | 0 | 0 | 1 |
| | 39 | 0 | 2 | 0 | 2 |
| | 40 | 4 | 0 | 0 | 4 |
| | 41 | 0 | 1 | 0 | 1 |
| | 42 | 3 | 1 | 0 | 4 |
| | 43 | 2 | 0 | 0 | 2 |
| | 44 | 1 | 3 | 0 | 4 |
| | 45 | 3 | 2 | 0 | 5 |
| | 66 | 4 | 1 | 0 | 5 |
| | Unknown | 2 | 1 | 0 | 3 |
| BPA Total | | 24 | 13 | 0 | 37 |
| <u>North Central</u> | | | | | |
| | 26 | 6 | 6 | 0 | 12 |
| | 27 | 5 | 3 | 0 | 8 |
| | 28 | 3 | 0 | 0 | 3 |
| | 29 | 5 | 5 | 0 | 10 |
| | 30 | 7 | 6 | 0 | 13 |
| | 32 | 1 | 0 | 0 | 1 |
| | 33 | 2 | 2 | 0 | 4 |
| | 34 | 5 | 0 | 0 | 5 |
| | 46 | 2 | 1 | 0 | 3 |
| | 47 | 2 | 2 | 0 | 4 |
| | 48 | 0 | 1 | 0 | 1 |
| | 50 | 4 | 2 | 0 | 6 |
| | 51 | 3 | 7 | 0 | 10 |
| | 52 | 0 | 1 | 0 | 1 |
| | 65 | 2 | 1 | 0 | 3 |
| | Unknown | 1 | 4 | 0 | 5 |
| BPA Total | | 48 | 41 | 0 | 89 |
| <u>Northwest</u> | | | | | |
| | 9 | 1 | 0 | 0 | 1 |
| | 12 | 1 | 0 | 0 | 1 |
| | 14 | 0 | 1 | 0 | 1 |
| | 19 | 14 | 6 | 0 | 20 |
| | 20 | 8 | 2 | 0 | 10 |
| | 22 | 6 | 2 | 0 | 8 |
| | 23 | 4 | 9 | 0 | 13 |
| | 24 | 22 | 18 | 0 | 40 |
| | 26 | 3 | 0 | 0 | 3 |
| | 154 | 4 | 1 | 0 | 5 |
| | Unknown | 3 | 2 | 0 | 5 |
| BPA Total | | 66 | 41 | 0 | 107 |

Table 3. (Continued)

| Bear Permit Area | Kill Block | No. of Bear Registered | | | Total |
|---------------------|---------------|------------------------|--------|---------|-------|
| | | Male | Female | Unknown | |
| <u>East Central</u> | | | | | |
| | 50 | 3 | 1 | 0 | 4 |
| | 61 | 0 | 1 | 0 | 1 |
| | 62 | 8 | 2 | 0 | 10 |
| | 63 | 9 | 8 | 0 | 17 |
| | 64 | 5 | 2 | 0 | 7 |
| | 67 | 5 | 4 | 0 | 9 |
| | 68 | 2 | 1 | 0 | 3 |
| | 70 | 4 | 2 | 0 | 6 |
| | 71 | 2 | 0 | 0 | 2 |
| | 72 | 1 | 3 | 0 | 4 |
| | 73 | 0 | 1 | 0 | 1 |
| | 74 | 5 | 2 | 0 | 7 |
| | 76 | 10 | 3 | 0 | 13 |
| | Unknown | 2 | 0 | 2 | 4 |
| BPA Total | | 56 | 30 | 2 | 88 |
| <u>West Central</u> | | | | | |
| | 52 | 2 | 2 | 0 | 4 |
| | 53 | 3 | 1 | 0 | 4 |
| | 56 | 2 | 1 | 0 | 3 |
| | 57 | 0 | 1 | 0 | 1 |
| | 58 | 2 | 8 | 0 | 10 |
| | 59 | 0 | 1 | 0 | 1 |
| | 60 | 12 | 1 | 0 | 13 |
| | 61 | 4 | 0 | 0 | 4 |
| | 78 | 1 | 0 | 0 | 1 |
| | 80 | 2 | 0 | 0 | 2 |
| | 82 | 1 | 0 | 0 | 1 |
| | 196 | 2 | 0 | 0 | 2 |
| | 197 | 14 | 3 | 0 | 17 |
| | 198 | 1 | 3 | 0 | 4 |
| | Unknown | 3 | 1 | 0 | 4 |
| BPA Total | | 49 | 22 | 0 | 71 |

Table 4. Registered Black Bear Harvest by Bear Permit Area for 1982.

| Bear Permit Area | Males | Sex Females | Unknown | Total |
|------------------|-------|-------------|---------|-------|
| Northeast | 24 | 13 | 0 | 37 |
| North Central | 48 | 41 | 0 | 89 |
| Northwest | 66 | 41 | 0 | 107 |
| West Central | 49 | 22 | 0 | 71 |
| East Central | 56 | 30 | 2 | 88 |
| Totals | 243 | 147 | 2 | 392 |

Table 5. Registered and Calculated Black Bear Harvest by Bear Permit Area, 1982 Bear Season.

| Bear Permit Area | Registered | Calculated ¹⁾ (95% CL) |
|------------------|------------|--------------------------------------|
| Northeast | 37 | 41+11 |
| North Central | 89 | 101+40 |
| Northwest | 107 | 111+72 |
| West Central | 71 | 72+50 |
| East Central | 88 | 104+29 |
| Totals | 392 | 429+122 |

¹⁾From 1982 mail survey of bear hunters.

Table 6. License Sales for Hunting Black Bear in Minnesota 1971-1982.

| Year | Resident | Nonresident | Total |
|------|----------|-------------|-------|
| 1971 | 1333 | 53 | 1386 |
| 1972 | 1984 | 85 | 2069 |
| 1973 | 2982 | 134 | 3116 |
| 1974 | 5507 | 220 | 5727 |
| 1975 | 5903 | 254 | 6157 |
| 1976 | 3678 | 283 | 3961 |
| 1977 | 5213 | 506 | 5719 |
| 1978 | 6274 | 838 | 7112 |
| 1979 | 6708 | 875 | 7583 |
| 1980 | 7732 | 945 | 8677 |
| 1981 | 10284 | 1145 | 11429 |
| 1982 | 1854 | 67 | 1921 |

Source: DNR License Center

Table 7. Registered Harvest¹⁾ of Black Bear in Minnesota by Resident and Non-resident License Buyers, 1971-1982.

| Year | Resident | Nonresident | Total |
|--------------------|----------|-------------------------|-------|
| 1971 | | | 43 |
| 1972 | | | 178 |
| 1973 | | | 352 |
| 1974 | | | 644 |
| 1975 | | | 522 |
| 1976 | | | 419 |
| 1977 | | | 701 |
| 1978 | | | 1028 |
| 1979 ²⁾ | 596 | 147 | 743 |
| 1980 | 968 | 240 (39 ³⁾) | 1247 |
| 1981 | 1094 | 265 | 1359 |
| 1982 | 362 | 30 | 392 |

1) Registered harvest is a minimal estimate of the total harvest due to noncompliance by some hunters. Postal surveys indicate approximately 80% of the bear shot by resident hunters and over 95% of the bear shot by nonresidents are registered.

2) First year data available by license holder.

3) Thirty-nine bear listed as "Archery" in 1980 Kill Summary with no reference to license.

Source: Minnesota Black Bear Harvest Reports for 1979, 1980, 1981

Table 8. Bear Hunter Success Calculated Using Registered Harvest ¹⁾ and License Sales, 1971-1982.

| Year | Resident | Nonresident | Overall |
|------|----------|-------------|---------|
| 1971 | | | 3.1 |
| 1972 | | | 8.6 |
| 1973 | | | 11.3 |
| 1974 | | | 11.2 |
| 1975 | | | 8.5 |
| 1976 | | | 10.6 |
| 1977 | | | 12.3 |
| 1978 | | | 14.4 |
| 1979 | 8.9 | 16.8 | 9.8 |
| 1980 | 12.5 | 25.4 | 14.4 |
| 1981 | 10.6 | 23.1 | 11.9 |
| 1982 | 19.5 | 44.8 | 20.4 |

¹⁾ Registered harvest is a minimal estimate of the total harvest. Postal surveys indicate approximately 80% of the bear shot by resident hunters and over 95% by nonresident hunters are registered.

1982 BEAR HUNT INFORMATION

General

Only those persons selected by a computerized drawing will be eligible to purchase a Minnesota bear hunting license for 1982. Applications for the drawing will be accepted through July 1, 1982. 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 1960 applicants will be selected.

Bear season dates: September 11 to October 24, 1982

Limit: One adult bear per licensed hunter

License: \$14.00 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 27, 1982

Areas Open to Hunting

Each hunter obtaining a license will be restricted to hunting in the Bear Permit Area (see map) for which he has been issued a validated bear hunting license.

Who is Eligible

Anyone who is at least 12 years old prior to September 11, 1982, and who has not had his big game hunting privileges suspended pursuant to M.S. Section 98.52. Beginning in 1983, 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 preference in future years. 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. 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. Either all members of the group will be drawn, or none will. The chances of an individual being drawn will be the same as for a group of hunters. 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

1982 BEAR HUNT PERMIT AREAS

Number of Permits Available

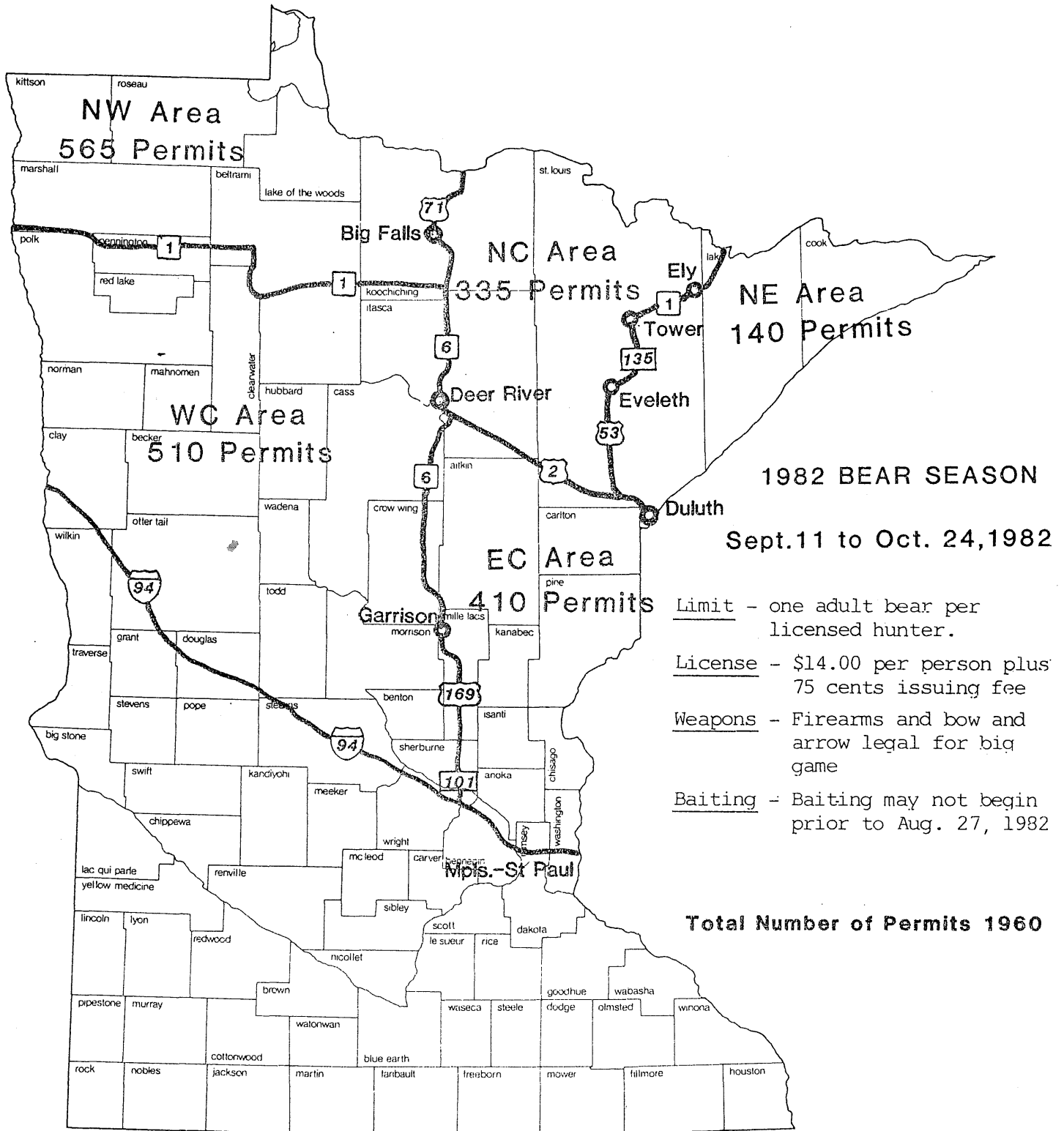


Fig. 1. Bear permit areas seasons and license quotas for the 1982 bear season.

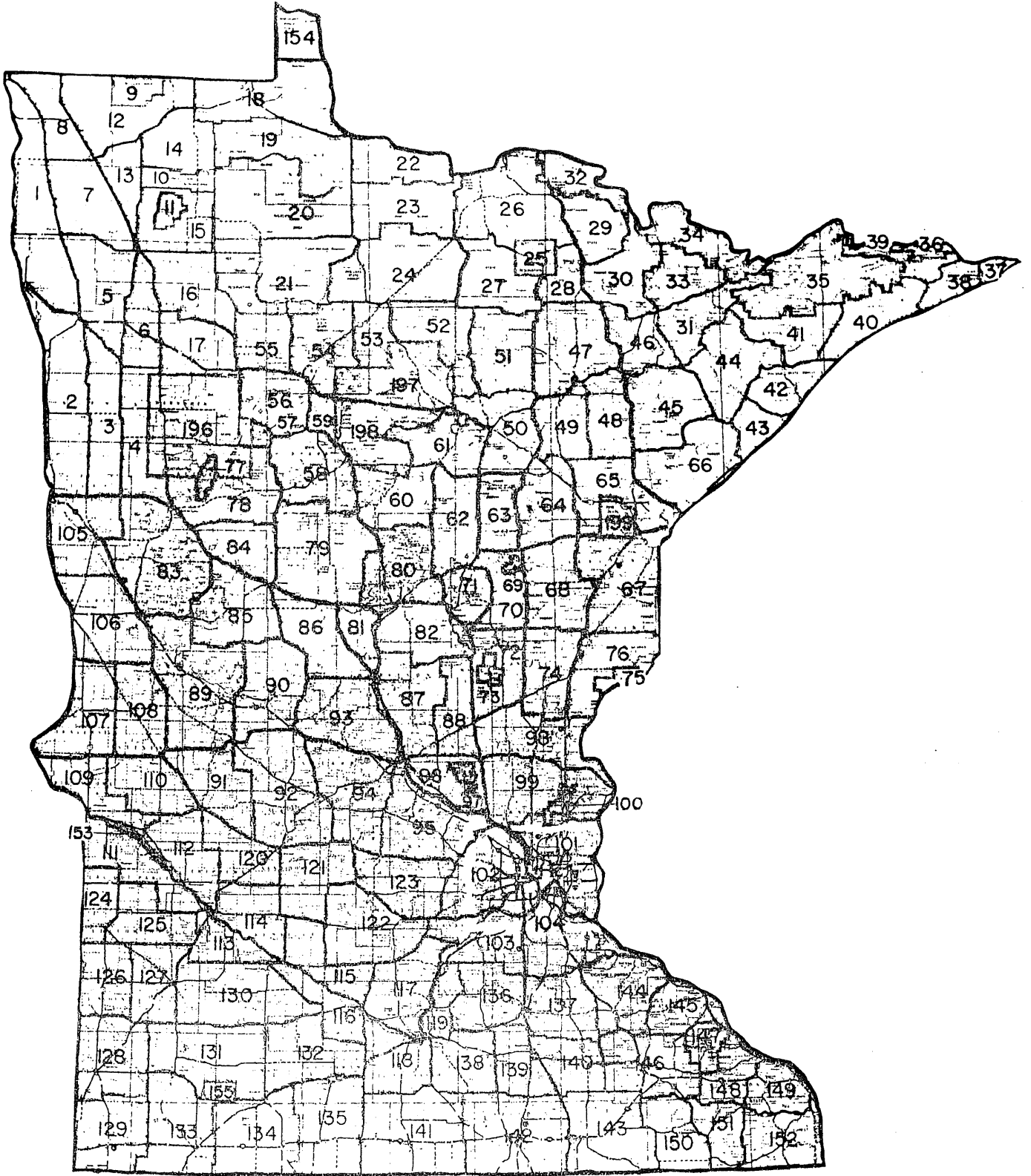


Fig. 2. Kill block map used for 1982 season.