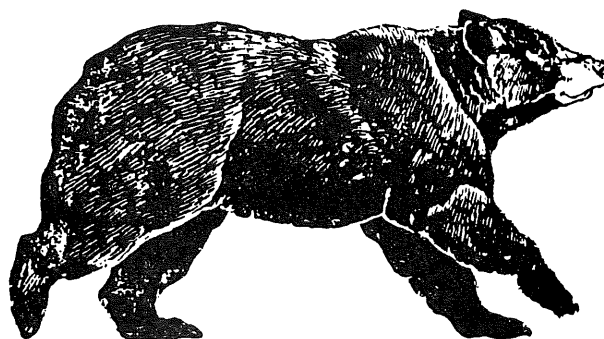


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MINNESOTA
BLACK BEAR HARVEST
1986



DEPARTMENT OF NATURAL RESOURCES
SECTION OF WILDLIFE

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Table 1. Bear Permit Application Error Summary, 1986

Total applications - 20, 694
Total applications in error - 1,017 (4.9%)

<u>Type of error</u>	<u>No. of errors</u>
DL# did not match name/dob	896
DL# not given	514
No signature on application	103
Invalid or missing date of birth (dob)	38
Invalid hunting area	26
Late postmark on application	21
Too many in party	12
Incomplete application	1
<u>Applicant under minimum age</u>	<u>1</u>
Total number of errors in applications -	1,611

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Table 2. Bear Permit Distribution and Drawing Statistics, 1986

Permit Area Number	No. of Permits Avail. ¹	Total Number Applic.	No. of Valid Applic.	Distribution of successful applicants by preference level						Numbers Permits Issued ¹
				5	4	3	2	1	0	
11	100	350	340	n.a.	n.a.	4	96	0	0	82
12	320	661	627	n.a.	n.a.	10	230	80 ²	0	274
13	250	595	559	n.a.	1	9	187	53 ²	0	210
21	1,140	4,069	3,875	n.a.	13	86	1,041 ²	0	0	999
22	210	289	278	n.a.	n.a.	6	65	142 ²	0	167
31	650	1,972	1,877	n.a.	2	39	497	112 ²	0	573
40	770	4,989	4,749	1	7	335	427 ²	0	0	692
50	1,290	7,743	7,372	4	29	641	616 ²	0	0	1,191
00	0	26	0	0	0	0	0	0	0	0
All areas		20,694	19,677	5	52	1,130	3,159	387	0	4,188

¹ The number of permits available is set higher than the desired quota of permits based on experience that not all successful applicants actually purchase a bear license.

² This is the level at which the number of applicants exceeded the number of permits remaining for the area and a drawing was necessary.

Table 3. Bear license sales, 1971-1986

Year	Resident	Non-resident	Total
1971	1,333	33	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
1985	3,847	101	3,948
1986	4,087	101	4,188

Table 4. Registered bear harvest by county, 1986

County Killed In	License Type							TOTAL
	Nonresidents		Unknown		Residents		Unknown	
	Male	Female	Male	Female	Male	Female		
Unknown	0	0	0	0	2	4	0	6
Aitkin	0	0	0	0	93	60	0	153
Becker	0	0	0	0	3	0	0	3
Beltrami	1	0	0	0	29	23	0	53
Carlton	0	0	0	0	23	16	0	39
Cass	2	0	3	1	57	25	1	89
Chisago	0	0	0	0	1	0	0	1
Clearwater	0	0	0	0	9	3	0	12
Cook	1	1	0	0	29	34	0	65
Crow Wing	0	0	0	0	12	8	2	22
Hubbard	1	0	0	0	22	13	0	36
Isanti	0	0	0	0	1	1	0	2
Itasca	3	1	0	0	113	65	1	183
Kanabec	0	0	0	0	19	17	0	36
Kittson	0	0	0	0	2	0	0	2
Koochiching	7	1	0	0	75	30	0	113
Lake	4	6	0	0	31	38	0	79
Lake of the Woods	0	1	0	0	23	8	0	32
Mahnomen	0	0	0	0	2	1	1	4
Marshall	0	0	0	0	5	0	0	5
Hille Lacs	0	0	0	0	6	8	0	14
Morrison	0	0	0	0	5	3	0	8
Pennington	0	0	0	0	1	0	0	1
Pine	1	1	0	0	52	59	0	113
Roseau	0	0	0	0	22	6	0	28
St. Louis	11	11	0	0	162	131	2	317
TOTAL	31	22	3	1	799	553	7	1416

Table 5. Registered bear harvest by county, 1977-1986.

County	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Aitkin	65	103	55	92	128	39	102	96	118	153
Becker	8	12	13	7	9	1	14	9	10	3
Beltrami	36	44	42	28	79	24	78	60	58	53
Carlton	12	14	7	17	18	3	9	19	34	39
Cass	56	51	57	69	110	29	93	73	114	89
Chisago	1	0	0	0	1	0	0	0	0	1
Clearwater	4	2	12	3	18	4	8	7	17	12
Cook	72	98	72	148	79	7	46	30	62	65
Crow Wing	7	9	12	9	33	8	26	21	36	22
Hubbard	8	23	16	15	19	11	25	45	41	36
Isanti	0	0	0	1	3	0	0	0	1	2
Itasca	134	158	108	212	172	50	121	128	170	183
Kanabec	20	28	10	12	18	8	19	19	18	36
Kittson	0	0	1	0	0	0	1	8	0	2
Koochiching	41	91	89	137	149	66	105	89	95	113
Lake	50	78	40	74	80	17	42	28	60	79
Lake of the Woods	8	16	12	30	43	25	32	41	29	32
Mahnomen	1	3	0	0	1	2	2	5	1	4
Marshall	1	0	1	2	3	1	9	17	12	5
Mille Lacs	10	7	5	5	12	3	11	11	28	14
Morrison	0	4	3	1	1	1	10	5	4	8
Norman	0	1	0	0	0	0	0	0	0	0
Pennington	0	0	0	0	1	0	3	2	1	1
Pine	36	58	31	62	73	20	55	52	98	113

Table 5. Continued

County	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Polk	0	0	0	1	0	0	0	0	1	0
Red Lake	0	0	0	3	2	0	0	0	0	0
Roseau	4	8	4	18	18	7	23	32	19	28
St. Louis	124	210	148	289	284	64	197	122	302	317
Wadena	0	1	0	0	1	0	0	0	0	0
Wilkin	0	0	0	1	0	0	0	0	0	0
Unknown	3	9	4	13	4	22	7	0	11	6
TOTAL	701	1,028	743	1,247	1,359	392	1,038	919	1,340	1,416

Table 6. Registered bear harvest and success (based on registered harvest and license sales) by Bear Permit Area, 1984-1986).

Bear Permit Area	1984			1985		
	Permits issued	Harvest	Success	Permits issued	Harvest	Success
Northwest (NW)	534	184	34.5%	629	139	22.1%
Northcentral (NC)	943	226	24.0%	1,031	363	35.2%
Northeast (NE)	445	78	17.5%	553	225	40.7%
Westcentral (WC)	705	205	29.1%	745	265	35.6%
Eastcentral (EC)	863	226	26.2%	990	348	35.2%
Total	3,490 ¹	919	26.2%	3,948	1,340	33.9%

¹ There were 11 licenses that are not included here.

Permit Area		1986		
Old	New	Permits Issued	Harvest	Success
	11	82	19	23.2%
Northwest	12	274	65	23.7%
	13	210	75	35.7%
Northcentral	21	999	381	38.1%
part of	22	167	23	13.8%
Northeast	31	573	238	41.5%
Westcentral	40	690	218	31.6%
Eastcentral	50	1,187	397	33.4%
Total		4,182	1,416	33.8%

Table 7. Registered bear harvest by Kill Block & Bear Permit Area (BPA), 1986.

Kill Block	Registered Harvest				
	Males	Females	Unknown	Total	
Bear Permit Area					
BPA #11	101	1	0	0	1
	102	1	0	0	1
	201	3	0	0	3
	202	3	0	0	3
	204	5	0	0	5
	205	3	0	0	3
	206	1	0	0	1
	214	1	0	0	1
	403	1	0	0	1
Total #11		19	0	0	19
BPA #12	101	25	12	0	37
	102	12	7	0	19
	110	6	1	0	7
	184	0	1	0	1
	205	1	0	0	1
Total #12		44	21	0	65
BPA #13	Unknown	1	1	0	2
	104	14	3	0	17
	105	9	0	0	9
	106	24	12	0	36
	107	1	2	0	3
	108	1	1	0	2
	110	1	5	0	6
Total #13		51	24	0	75
BPA #21	Unknown	7	1	0	8
	107	39	20	0	59
	108	13	9	0	22
	109	6	1	0	7
	115	1	0	0	1
	119	14	9	0	23
	120	26	18	1	45
	121	7	11	0	18
	128	0	1	0	1
	168	8	4	0	12
	169	36	23	0	59
	170	23	9	1	33
	175	12	10	0	22
	176	5	5	0	10
	177	2	0	0	2
	178	3	2	0	5
	179	1	0	0	1

(Continued)

Table 7. continued

BPA 21 (continued)	180	2	1	0	1
	181	28	16	0	44
	197	3	0	0	3
	199	1	2	0	3
Total #21		237	142	2	381
BPA #22	Unknown	0	2	0	2
	116	3	4	0	7
	117	2	11	0	13
	126	1	0	0	1
Total #22		6	17	0	23
BPA #31	Unknown	1	1	0	2
	122	12	9	0	21
	123	5	12	0	17
	124	3	3	0	6
	125	9	7	0	16
	126	10	10	0	20
	127	12	11	0	23
	128	5	11	0	16
	129	12	17	0	29
	130	7	1	0	8
	179	7	15	1	23
	180	29	26	0	55
	194	2	0	0	2
Total #31		114	72	1	218
BPA #40	Unknown	3	1	0	4
	132	0	1	0	1
	167	1	4	0	5
	168	10	9	0	19
	171	6	7	0	13
	172	14	3	2	19
	173	1	0	0	1
	184	7	3	0	10
	185	7	3	0	10
	186	10	6	0	16
	187	1	0	0	1
	197	25	7	0	32
	198	18	3	0	21
	209	1	1	0	2
	210	1	0	0	1
	221	1	0	0	1
	222	3	2	0	5
	244	1	0	0	1
	245	18	14	0	32
	246	4	1	0	5
	247	5	3	0	8
	249	2	3	0	5
	296	4	1	1	6
Total #40		143	72	3	221

Table 7. continued

BPA #50	Unknown	5	3	0	8
	152	4	5	0	9
	154	4	3	0	7
	155	13	13	0	26
	156	18	15	0	33
	157	8	13	0	21
	158	17	13	0	30
	159	36	31	0	67
	170	5	3	0	3
	171	0	3	0	3
	173	30	16	1	47
	174	28	11	0	39
	181	7	3	0	10
	182	17	16	0	33
	183	20	28	0	48
	199	4	0	0	4
	225	2	1	0	3
	247	1	0	0	1
Total #50		219	177	1	397
TOTAL		833	576	7	1416

Table 8. Registered bear harvest by weapon, 1986.

	Count	Count Percent
WEAPON USED		
RIFLE	1114	78.7%
SLUG	59	4.2%
MUZZLELOADER	18	1.3%
BOW + ARROW	212	15.0%
PISTOL	4	.3%
UNKNOWN	9	.6%
TOTAL	1416	100.0%

Table 9. Registered bear harvest by date, 1986.

	Male	Female	Unknown	TOTAL
September				
1	204	134	2	340
2	96	61	0	157
3	60	48	1	109
4	36	31	1	68
5	44	35	0	79
6	69	47	0	116
7	58	31	3	92
8	15	16	0	31
9	8	4	0	12
10	11	11	0	22
11	25	5	0	30
12	17	13	0	30
13	25	26	0	51
14	22	15	0	37
15	10	8	0	18
16	8	6	0	14
17	6	2	0	8
18	9	2	0	11
19	4	1	0	5
20	9	9	0	18
21	2	5	0	7
22	3	5	0	8
23	8	5	0	13
24	7	2	0	9
25	8	1	0	9
26	2	3	0	5
27	8	10	0	18
28	7	7	0	14
29	5	2	0	7
30	2	1	0	3
October				
1	6	2	0	8
2	3	1	0	4
3	2	3	0	5
4	7	5	0	12
5	5	1	0	6
6	1	1	0	2
7	0	4	0	4
8	1	1	0	2
9	1	0	0	1
10	3	2	0	5
11	3	1	0	4
12	2	2	0	4
TOTAL	822	569	7	1398

Table 10. Bear hunter harvest and success (based on registered harvest and license sales), 1971-1986

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%
1985	1,292	33.6%	48	47.5%		1,340	33.9%
1986	1,359	33.2%	53	52.5%	4	1,416	33.8%

Source: Minnesota Black Bear Harvest Reports, 1979-1985. Data by license holder not available prior to 1979.

Table 11. Date and location of bears reported taken by nuisance bear permits, 1986*

Date	Reg. Block	Male	Female	Unknown	Total
8-1	169	1	0	0	1
8-6	159	1	0	0	1
	181	1	0	0	1
8-7	182	1	0	0	1
8-18	159	1	0	0	1
8-21	159	3	0	0	3
8-23	159	0	1	0	1
	unknown	1	1	0	2
8-24	unknown	0	1	0	1
8-25	106	0	1	0	1
	unknown	1	0	0	1
8-26	170	1	0	0	1
8-27	156	1	0	0	1
	159	0	2	0	2
8-28	151	0	1	0	1
	180	0	1	0	1
8-30	159	0	1	0	1
9-1	unknown	0	0	1	1
TOTALS		12	9	1	22

* Bears not included in Table 10.

Figure 2. 1986 Bear Hunt Information

STATE OF MINNESOTA
DEPARTMENT OF NATURAL RESOURCES

1986 BEAR HUNT INFORMATION

General

Only those persons selected by a computerized drawing will be eligible to purchase a Minnesota bear hunting license for 1986. Applications for the drawing will be accepted through May 15, 1986. A quota of applicants will be selected for each Bear Permit Area. The quota for each Permit Area is shown on the map inside this folder. Each applicant must apply for only one of the Bear Permit Areas. A total of 4,730 applicants will be selected. An application form is provided on the last page of this folder.

BEAR SEASON DATES

ALL AREAS September 1-October 12

LIMIT—One adult bear per licensed hunter.

LICENSE FEE—\$25.75 resident, \$150.75 non-resident
Price includes issuing fee.

WEAPONS—Firearm or bow and arrow legal for big game.
A hunter cannot have in possession in the field a firearm and a bow at the same time.

Areas Open to Hunting

Each hunter obtaining a license will be restricted to hunting in the Bear Permit Area for which his license is issued. A map of permit areas with the number of permits available is provided inside this folder.

Who is Eligible

Anyone who is at least 12 years of age prior to August 16, 1986, 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 applicant's Driver's License number or Identification Card number* (issued in lieu of a Driver's License number by the Department of Public Safety) is necessary for computerized identification. One of these numbers must be supplied by the applicant. Information supplied on the application form will be matched against existing state records for validity and eligibility. Incomplete or otherwise invalid applications will be rejected.

Preference System

Permits are made available by a drawing that recognizes several levels of preference. A hunter's preference level is determined by the number of valid but unsuccessful applications made since last receiving a permit.

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 who has the lowest preference level. 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—Applicants successful 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.

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

