

MINNESOTA
BLACK BEAR HARVEST
1991

Minnesota Department of Natural Resources
Section of Wildlife
500 Lafayette Road
St. Paul, MN 55155-4007

TABLE OF CONTENTS

Page

Table 1. Bear permit application error summary, 1991 1

Table 2. Bear permit distribution and drawing statistics, 1991 2

Table 3. Bear license sales, 1971-1991 3

Table 4. Registered bear harvest and success by Bear Permit Area, 1991 4

Table 5. Registered bear harvest by county, 1982-1991 5

Table 6. Bear hunter harvest and success, 1971-1991 6

Figure 1. Bear Permit Areas, 1991 7

Table 1. BEAR PERMIT APPLICATION ERROR SUMMARY, 1991

Total applications	26,043
Total applications in error	630 (24%)
<u>Type of Error</u>	<u>No. of Errors</u>
DL # did not match name/dob	476
Late postmark on application	117
DL # not given	467
No signature on application	30
Invalid hunting area	49
Applicant under minimum age	2
Miscellaneous	9

Table 2. Bear Permit Distribution and Drawing Statistics, 1991.

Permit Area Number	No. of Permits Available ¹	Total Number Appl.	No. of Valid Appl.	No. of Applications (permits issued) by preference level					No. of Licenses Purchased ³
				>5	4	3	2	1	
12	340	895	886	1(1)	6(6)	81(81)	323(252) ²	475(0)	291
13	300	797	782	1(1)	9(9)	134(134)	157(123) ²	0(0)	272
22	310	262	256	0(0)	5(5)	12(12)	35(35)	204(204)	215
24	560	1,083	1,051	2(2)	11(11)	80(80)	372(372)	586(95) ²	462
25	680	2,030	1,990	3(3)	35(35)	533(533)	574(109) ²	845(0)	605
26	990	3,328	3,255	8(8)	292(292)	660(660)	936(30) ²	1,359(0)	883
31	1,120	3,187	3,122	3(3)	44(44)	395(395)	1,104(678) ²	1,576(0)	972
41	350	928	897	6(6)	27(27)	175(175)	248(142) ²	441(0)	317
43	1,080	6,292	6,125	22(22)	932(932)	1,144(127) ²	1,592(0)	2,435(0)	993
¹ 51	1,410	7,088	6,938	37(37)	1049(1049)	1,434(324) ²	1,798(0)	2,620(0)	1,247
All Areas	7,140 ¹	25,890	25,302	83(83)	2410(2410)	4,648(2502)	7,139(1741)	10,541(299)	6,257 ³

¹The 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.

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

³This is the number of licenses purchased by the applicants who were successful in the drawing (see #1 above).

Table 3. BEAR LICENSE SALES, 1971 - 1991

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
1987	(Q - 4120 No Q - 1747) 5,867	(Q - 93 No Q - 21) 114	(Q - 4212 No Q - 1789) 6,002
1988	(Q - 4164 No Q - 1278) 5,442	(Q - 133 No Q - 19) 152	(Q - 4297 No Q - 1297) 5,594
1989	(Q - 4456 No Q - 1110) 5,566	(Q - 172 No Q - 46) 218	(Q - 4628 No Q - 1156) 5,784
1990	(Q - 5418 No Q - 1467) 6,885	(Q - 146 No Q - 50) 196	(Q - 5564 No Q - 1517) 7,081
1991	(Q - 6,035 No Q - 1353) 7,388	(Q - 222 No Q - 80) 302	(Q - 6251 No Q - 1433) 7,690

(Q) Quota (No Q) No Quota

Table 4. REGISTERED BEAR HARVEST AND SUCCESS, 1991

Permit Area	Available	Issued	Harvest*	Success*
12	340	291	93	32.0%
13	300	272	93	34.2%
22	310	215	39	18.1%
24	560	462	155	33.5%
25	680	605	237	39.2%
26	990	883	337	38.2%
31	1,120	972	377	38.8%
41	350	317	74	23.3%
43	1,080	993	234	23.6%
51	1,410	1,247	247	19.8%
Totals	7,140	6,257	1,886	30.1%
No Quota		1,433	257	17.9%
Totals		7,690	2,143	27.9%

*Includes bear taken by nuisance permit.

Table 5. REGISTERED BEAR HARVEST BY COUNTY, 1982-1991.

County	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Aitkin	39	102	96	118	153	149	157	226	271	116
Anoka	0	0	0	0	0	0	0	0	0	0
Becker	1	14	9	10	3	9	8	17	24	14
Beltrami	24	78	60	58	53	55	58	79	112	136
Benton	0	0	0	0	0	1	2	0	0	0
Carlton	3	9	19	34	39	21	28	31	44	34
Cass	29	93	73	114	89	134	96	173	192	131
Chisago	0	0	0	0	1	2	2	3	3	2
Clearwater	4	8	7	17	12	22	14	25	60	22
Cook	7	46	30	62	65	98	45	127	120	103
Crow Wing	8	26	21	36	22	37	34	47	94	40
Hubbard	11	25	45	41	36	37	30	42	57	55
Isanti	0	0	0	1	2	1	0	0	3	1
Itasca	50	121	128	170	183	242	179	245	264	324
Kanabec	8	19	19	18	36	34	52	48	104	27
Kittson	0	1	8	0	2	2	7	3	2	2
Koochiching	66	105	89	95	113	126	87	111	129	150
Lake	17	42	28	60	79	83	60	119	112	153
Lake of the Woods	25	32	41	29	32	27	48	51	40	40
Mahnomen	2	2	5	1	4	2	2	3	6	5
Marshall	1	9	17	12	5	14	24	14	21	14
Mille Lacs	3	11	11	28	14	16	21	17	22	18
Morrison	1	10	5	4	8	11	6	6	10	10
Ottertail	0	0	0	0	0	0	0	0	0	1
Pennington	0	3	2	1	1	12	4	3	8	5
Pine	20	55	52	98	113	115	208	157	226	175
Polk	0	0	0	1	0	0	1	0	7	0
Red Lake	0	0	0	0	0	1	0	1	1	1
Roseau	7	23	32	19	28	29	28	36	36	65
St. Louis	64	197	122	302	317	290	305	325	371	483
Wadena	0	0	0	0	0	0	1	1	4	7
Unknown	22	7	0	11	6	5	2	1	5	9
Total	392	1038	919	1340	1416	1577	1509	1911	2350	2143

Table 6. BEAR HUNTER HARVEST AND SUCCESS (based on registered harvest and license sales), 1971-1991 (1987-1991 include No-Quota Area harvest)

Year	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	743	9.8%
1980	1,247	14.4%
1981	1,359	11.9%
1982	392	20.4%
1983	1,038	29.8%
1984	919	26.2%
1985	1,340	33.9%
1986	1,416	33.8%
1987	1,577	26.4%
1988	1,509	27.2%
1989	1,911	33.0%
1990	2,350	33.2%
1991	2,143	27.9%

1991 BEAR QUOTA AREAS

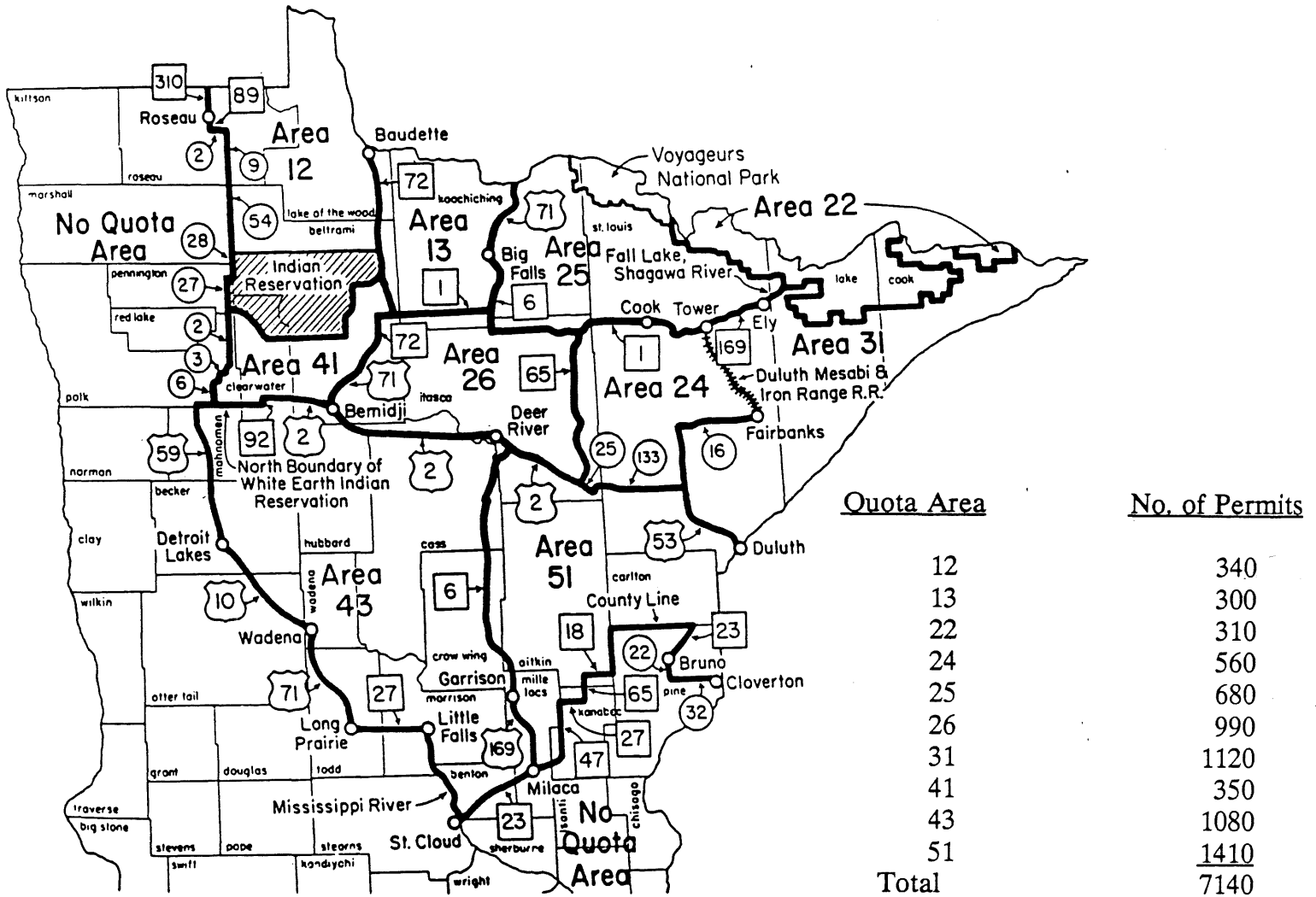


Figure 1. Bear Permit Areas, 1991.