



7 February 1983
Complex

Action	
To	Routing
	P.L. <i>DL</i>
	A.P. <i>DL</i>
	DL <i>SAC</i>
	LST
	CRS
	ILO
	Clerk
	Shop
	Other
Files	Destroy

M E M O

TO: Henegar, Schroeder, Grondahl, and cooperating personnel

FROM: Stan Kohn

SUBJECT: Results of 5th Midwinter Bald Eagle Survey

Enclosed is a summary of the eagle survey conducted during 6-7 January 1983. Warm weather conditions during the survey period caused travel problems in certain areas of the state. The lack of snow cover also caused problems observing golden eagles.

You will notice the number of balds counted in the state was up somewhat from the 1982 census, probably because of the large amount of open water in the Missouri River system. The number of goldens observed was only 4 higher than 1982's count. Thanks for your cooperation on this survey.

SUMMARY: EAGLE SURVEY RESULTS

	<u>Balds</u>	<u>Goldens</u>
Missouri River - SD Line to Bismarck	2	0
Missouri River - Bismarck to Washburn	3	0
Missouri River - Washburn to Stanton	17	0
Missouri River - Stanton to Garrison Dam	20	0
Little Missouri River - SD Line to Marmarth	0	3
Little Missouri River - Marmarth to Bullion Butte	0	5
Little Missouri River - Bullion Butte to Medora	0	3
Little Missouri River - Medora Area	0	4
Yellowstone River	0	2
Heart River	2	4
Cannonball River	1 (1 unknown)	6
White Earth River	0	1
Sheyenne River	0 (1 unknown)	0
South Unit Theodore Roosevelt Park	0	3
North Unit Theodore Roosevelt Park	0	2
Audubon NWR	0	1
Van Hook Arm Area/Lake Sakakawea	0	1
S. of Sather Lake, McKenzie Co.	0 (1 unknown)	2
Pretty Rock Hills, Grant Co.	1	2
Oakes Area, Dickey Co.	1	0

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Eagle Survey Results

	<u>Balds</u>	<u>Goldens</u>
S. of Bottineau, Bottineau Co.	1 (1 unknown)	1
N. of New Town, Mountrail Co.	0	3
Tracy Mountain Area, Billings Co.	0	3
W. of Ellendale, Dickey Co.	1	2
N. of Beach, Golden Valley Co.	0	1
Sentinel Butte Area, Golden Valley Co.	<u>0</u>	<u>2</u>
TOTAL	49 (4 unknown)	51

	<u>Balds</u>			<u>Goldens</u>		
	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>
Age Ratio (Imm:Ad):	11:43	7:29	9:40	3:30	8:39	9:42
(4 unknowns)						

Eagles Counted/Year during Mid-January

	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>Percent change 1983 from 1982</u>
Balds	29	40	54	36	49	+ 26%
Goldens	26	23	33	47	51	+ 8%
TOTALS	55	63	87	83	100	+ 17%