UNITED STATES GOVERNMENT

memorandum

DATE: JAN 18 1980

REPLY TO ATTN OF: Area Manager
Bismarck, North Dakota

SUBJECT: 1980 Midwinter Waterfowl and Eagle Survey

U.S. DEPARTMENT OF THE INTERIOR
U.S. FISH & WILDLIFE SERVICE
RECEIVED
JAN 22 1980
DES LACS
NATIONAL WILDLIFE REFUGE

TO: All NWR's, WMD's and DFA's

Attached for your information are the summary sheets for the subject survey conducted January 2-8, 1980. Thank you for your participation.

Des Lacs Complex
Routing

To		Action
	Mgr. LL	
	Asst. Mgr. BK	
	Bio. Tech.	
	Clerk	
	Shop	
	Other	
File	Destroy	

Attachments (2)

Buy U.S. Savings Bonds Regularly on the Payroll Savings Plan

OPTIONAL FORM NO. 10
(REV. 7-76)
GSA FPMR (41 CFR) 101-11.6
5010-112
☆ GPO : 1978 O - 261-647 (3523)

MIDWINTER WATERFOWL SURVEY
FORM A - IDENTICAL COVERAGE, 19 79 AND 19 80

Ecological or county survey area	C-38	C-47	C-40	C-42	C-23
State:	Observers: Jones	Observers: Jankowski	Observers: Jankowski	Observers: Witkowski	Observers: Schroeder
Ducks: (Dabblers)					
Mallard	50	300	50	50	150
Black Duck					
Mottled Duck					
Gadwall					
American Widgeon					
Green-winged teal					
Blue-winged teal					
Cinnamon teal					
Shoveler					
Pintail					
SUBTOTAL (Dabblers)	50	300	50	50	150
Ducks: (Divers)					
Redhead					
Canvasback					
Scaup					
Ring-necked duck					
Goldeneye					
Bufflehead					
Ruddy Duck					
SUBTOTAL (Divers)					
Mergansers					
Unident. & misc. ducks					
TOTAL DUCKS	50	300	50	50	150
Geese:					
Snow geese					
Blue geese					
Ross' geese					
White-fronted geese					
Canada geese: Gt. Basin					
" " Hi-Line					
" " S.G. Pr.					
" " T.G. Pr.					
" " Mixed					
Total Canada Geese					
TOTAL GEESE					
Whistling swan					
Trumpeter swan					
Coot					
TOTAL WATERFOWL	50	300	50	50	150

MIDWINTER WATERFOWL SURVEY
FORM A - IDENTICAL COVERAGE, 19 79 AND 19 80

Ecological or county survey area	MR-1	MR-2	MR-3	MR-4	TOTAL
State:	Observers: Schroeder	Observers: Schroeder	Observers: Schroeder	Observers: Schroeder	Observers:
Ducks: (Dabblers) Mallard	900	800	5,780	20	8,100
Black Duck					
Mottled Duck					
Gadwall					
American Widgeon					
Green-winged teal					
Blue-winged teal					
Cinnamon teal					
Shoveler					
Pintail					
SUBTOTAL (Dabblers)	900	800	5,780	20	8,100
Ducks: (Divers) Redhead					
Canvasback					
Scaup					
Ring-necked duck					
Goldeneye					
Bufflehead					
Ruddy Duck					
SUBTOTAL (Divers)					
Mergansers	5	40	200	5	250
Unident. & misc. ducks					
TOTAL DUCKS	900	840	5,980	25	8,350
Geese: Snow geese					
Blue geese					
Ross' geese					
White-fronted geese					
Canada geese: Gt. Basin					
" " Hi-Line					
" " S.G. Pr.					
" " T.G. Pr.					
" " Mixed					
Total Canada Geese					
TOTAL GEESE					
Whistling swan					
Trumpeter swan					
Coot					
TOTAL WATERFOWL	900	840	5,980	25	8,350

SUMMARY OF WINTER WATERFOWL SURVEY

State North Dakota

Jan. 2 to Jan. 8, 19 80

Summary and Evaluation of Waterfowl Survey:

Area Covered - Statewide

Aerial Survey Date - January 2, 1980

Physical Factors Related to Survey:

Weather: Temperature 20° F.

Visibility: Good

Water: More open water than usual including portions of Garrison Reservoir from Fort Stevenson State Park to Beaver Creek Bay.

Food: Uplands bare of snow until January 5. Food availability still fair due to drifting which exposed waste grain and sunflowers.

Submitted: James I. Nelson
FWS Coordinator

Approved: Charles K. Schroeder
State Representative

PARTICIPATION SUMMARY

Observers			Number of aircraft	Total flight hours	Total miles flown	Number of cars	Total miles driven	Number of boats
State	U. S.	Other						
6	14		1	6	600	17	1,434	

Miles by boat	Number miles on foot	Total number miles all methods
		2034

MIDWINTER WATERFOWL AND EAGLE SURVEY

State: North Dakota Area to be covered Statewide

Date(s) survey made January 2-8, 1980 Cooperator C. Schroeder - J. Nelson

No. observers in party 6 State and 13 Federal personnel Address ~~ND Game & Fish, USFWS~~ Bismarck, North Dakota

Hours spent in observation by:

6	65			71
plane	car	boat	foot	total hours

Miles covered by:

600	819			1,434
plane	car	boat	foot	total miles

Make and no. of planes used

OBSERVATIONS:

Mallard	8,100
Black duck	
Mottled duck	
Gadwall	
Am. wigeon	
Green wing	
Blue wing	
Cinn. teal	
Shoveler	
Pintail	
SUB-TOTAL DABBLERS	8,100
Redhead	
Canvasback	
Scaup	
Ringneck	
Goldeneye	
Bufflehead	
Ruddy duck	
SUB-TOTAL DIVERS	
Mergansers	250
Misc.& Unident.	
TOTAL DUCKS	8,350

Snow (& blue)	
Ross	
White-fronted	
Canada	
TOTAL GEESE	
Whistling swan	
Trumpeter swan	
TOTAL SWANS	
TOTAL COOTS	
TOTAL WATERFOWL	8,350

	Bald	Golden	Unident.
Imm.	2	1	
Adult	27	8	
Unidenti.			
TOTAL EAGLES	29	9	

MIDWINTER EAGLE INVENTORY

Continental Eagle Project

STATE North Dakota

AREA COVERED: Statewide

DATE: January 2-8, 1980 OBSERVER: 6 State and 14 Federal Personnel

METHOD: FOOT /_/; CAR XX/; BOAT /_/; AIR /XX ADDRESS: ND Game & Fish, USFWS, Bismarck, ND

WEATHER: TEMP. 20° To -20° F.; WIND Calm to 45 mph; CLOUDS Clear to blizzard conditions. OTHER

HOURS IN FIELD 71 MILES COVERED 1,434

TIME	SPECIFIC LOCATION[1]	HABITAT TYPE[2]	NUMBER EAGLES				
			BALD		GOLDEN		
			AD.	IMM.	AD.	IMM.	UNIDENTIFI
Jan. 2	Ohae Res., Missouri River Bismarck to Huff	Reservoir	1				
Jan. 2	Missouri Ri. - Washburn to Stanton	Missouri Ri. bottom	1				
Jan. 2	Missouri Ri. - Stanton to Garrison Dam	Missouri Ri. bottom	24	1			
Jan. 2	Garrison Dam to Mallard Island in reservoir	Garrison reservoir	1		1		
Jan. 2	McHenry County 12 mi. N of Towner	Sandhills - Aspen			1		
Jan. 3	Logan County T 134, R 70, Sec. 4	Native Grass and Cropland				1	
Jan. 4	Mountrail County 3 mi. W of Stanley	Farmland - Brush			1		
Jan. 5	Barnes County Ashtabula crossing	Grassland			1		
Jan. 7	McLean County T 147, R 82, Sec. 7	Prairie near reservoir				1	
Jan. 7	McLean County T 148, R 81, Sec. 33	Prairie			1		
Jan. 8	Mountrail County 6 mi. SW of Belden	River valley			2		
Jan. 8	Mountrail County Lakes - Sloughs	Near Parshall			1		
		TOTAL	27	2	8	1	

[1] south side Lake Wilson or Lock No. 12, Miss. River

[2] forest, pasture, lake, river, coast, etc.