



UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE

RD 1 Wood Duck Lane
Guys Mills, PA 16327

February 2, 1984

Mr. Jerry Hassinger
Box 174
Elizabethville, PA 17023

Dear Jerry,

I have enclosed a survey field form for Erie NWR. We did not qualify for a systematic survey. Our survey only included Erie NWR. I hope this information will be of use to you.

Sincerely yours,

Daryle R. Lons
Acting Refuge Manager
Erie National Wildlife Refuge

NATIONAL WILDLIFE FEDERATION
Raptor Information Center
1984 Bald Eagle Midwinter Survey Field Form

2 - 16 January 1984

Page 1 of 1

A State PA

C County Crawford (only one per form)

D Name of Recorder: Daryle Lons Affiliation: USFWS

Address and Phone: Erie NWR, Guys Mills, PA 16327 No. of observers: 1

(412) 789-3585

OFFICE USE ONLY

TRD: _____

FORMS MUST BE SUBMITTED
TO THE REGIONAL COORDINATOR
NO LATER THAN 1/31/84

OFFICE USE ONLY

BCN#: _____

RC Use	Location ^a	Lat/Long ^b	Count ^c		Date ^e	Time ^f	Adult		Imm.		Unk.		Total		Other ^g
			Type	Method ^d			B.E.	B.E.	B.E.	B.E.	G.E.	G.E.	G.E.	Eagles	
1	Erie NWR	413-7952	X	FP	11/6/84	1600	0	1	0			0	0		0
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
Please complete "Comments" section on back of form							Page Totals		0	1	0		0	0	0

- a) List each location surveyed using abbreviations on reverse side of this form (e.g. MINGO NWR, SKAGIT R, MODOC NF, CHENEY RES). Each line of data should represent a single 10 minute lat./long. block (see superscript b) (e.g., for a survey along 55 mi. of a river, report data separately for each 10 minute block surveyed along the river. Discrete locations surveyed within the same 10 minute block should also be reported separately. (e.g., a stretch of river occurring in the same block as an upland night roost). REPORT ALL LOCATIONS AND 10 MINUTE BLOCKS SURVEYED, INCLUDING THOSE IN WHICH NO EAGLES WERE SIGHTED. IMPORTANT: Attach a map (portion of State highway map or map with more appropriate scale) with the survey route clearly outlined in detail. IF SUCH A MAP DOES NOT ACCOMPANY YOUR SURVEY FORM, WE WILL BE UNABLE TO USE YOUR DATA.
- b) Record the first three digits of latitude and the first four digits of longitude for the SE coordinates of the 10 minute block of latitude and longitude in which the survey occurred. Example: a feeding area located at appx. 48° 23' latitude, 122° 45' longitude is within the 10 minute block delineated by 48° 20' to 48° 30' latitude and 122° 40' to 122° 50' longitude. The coordinates of the SE corner of this block are 48° 20' and 122° 40' and are coded "482-1224" (note: for longitudes less than 100° -- 77° 33' longitude would be coded "0773").
- c) Indicate whether the survey at this location was a count of a night roost by the letter "R". For all others, indicate with an "X".
- d) Indicate survey method: Fixed wing (FW), helicopter (H), Boat (B), count route (CR), fixed point (FP).
- e) Month/day/year
- f) Use military time (e.g., 0900)
- g) Eagles not identifiable as balds or goldens.

COMMENTS

Visibility: good

Precipitation? none

Ice conditions at various locations surveyed: impoundments frozen

creek partially open

Prey availability and types: ~400 geese loafing on ice

Local movements of eagles during survey period (if known):

Wing or band tag markers seen: (describe in detail)

Other: Eagle was observed perched in a snag about 200 yards away from a flock of geese loafing on ice at Pool 9 of refuge

LOCATION ABBREVIATIONS

B - Bay
CK - Creek
CY - Canyon
D - Dam
E - East
FH - Fish Hatchery
HBR - Harbor
IND RES - Indian Reservation

I - Island
L - Lake
MT - Mountain
MTS - Mountains
N - North
NF - National Forest
NFH - National Fish Hatchery
NG - National Grasslands

NHS - National Historic Site
NM - National Monument
NRA - National Recreation Area
NS - National Seashore
NWR - National Wildlife Refuge
PT - Point
R - River
RA - Recreation Area

RES - Reservoir
S - South
SF - State Forest
SP - State Park
VA - Valley
W - West
WA - Wilderness Area
WMA - Wildlife Management Area