

NATIONAL WILDLIFE FEDERATION
MIDWINTER BALD EAGLE SURVEY
STANDARDIZED SURVEY FIELD FORM

Survey Site Location

Survey Site Number: 4

1. State(s): PA 2. County Crawford
3. Drainage or Body of Water: Muddy Creek, Lake Creek Bottoms
4. Place Name: Erie National Wildlife Refuge

Observers

1. Name of Recorder: James H. Wood
2. No. of Observers: 1
3. Address: RD 1, Wood Duck Lane, Guys Mills, PA 16327
Phone: 814-789-3585
4. Affiliation: U.S. Fish and Wildlife Service

Survey Site Description and Survey Conditions

1. Vegetation Type(s) at Survey Site: Shrub bottomlands, riparian forest
2. Prey Availability and Types: Waterfowl, Canada geese, about 900 birds
3. General Weather and Ice Conditions: Cloudy, all impoundments frozen, but the streams had open water
4. Survey Date: 1/9/87 5. Survey Method: non-roost, vehicle
6. Time at Start: 1 P.M. 7. Total Time of Survey (min.): 180

Survey Results

1. Total Bald Eagles Counted: 0 No. Adults: _____ No. Imm.: _____
No. Age Unk.: _____
2. Total Golden Eagles Counted: 0 No. Adults: _____ No. Imm.: _____
No. Age Unk.: _____

Comments

This survey was completed at the same time as other surveys in Crawford County.

December 17, 1986

SUBJECT: Midwinter Bald Eagle Survey

TO: All Cooperators

FROM:

John P. Dunn
John P. Dunn
Regional Coordinator
Pa. Game Commission

The 1987 Midwinter Bald Eagle Survey will be conducted 1 - 15, January 1987 with target dates of 9 and 10 January. Survey forms and general instructions are enclosed.

Remember, for this to be a standardized survey, you need to visit all the sites in your area as last year and as close to the target dates as possible. This includes areas that may be frozen over. If you observe a wing marker, be sure to record its color or colors.

Please return the data forms to me by February 15, 1987 at the address listed below:

John P. Dunn
R.D.#1, Box 259A
Shippensburg, Pa. 17257

Thank you for a good survey last year. Your efforts are greatly appreciated.

Attch.

JPD:b

site 4 Erie NWK

NATIONAL WILDLIFE FEDERATION MIDWINTER BALD EAGLE SURVEY

STANDARDIZED SURVEY INSTRUCTIONS

General Instructions

Standardized surveys will provide comparable data on bald eagle numerical trends from selected winter concentration sites throughout the lower 48 states, as well as a framework for state and federal agencies to gather more detailed information on areas of essential bald eagle wintering habitat. For data to be comparable among years, the survey area or route at each location must be well defined so the same survey can be performed each year. The survey method, time of day that the survey is conducted and degree of effort expended to locate eagles should remain approximately the same from year to year.

Count participants or the Regional Coordinator should complete the attached form for each standardized survey site. Copies of the form should be returned to the National Wildlife Federation by 16 March 1987.

Explanation of Form

1. Survey site location section.- Categories are self-explanatory. Survey site number, state, county and place names have been filled in by NWF for particularly important standardized survey locations. Please correct any errors in these data fields, and complete remainder of form for these locations.

2. Observer section.- Categories are self-explanatory.

3. Survey site description and survey conditions.- Potentially confusing categories are explained below:

- a. Vegetation types at survey site. List important vegetation types and water-body type, if appropriate (e.g., cottonwood-willow riparian forest downstream of dam and reservoir).
- b. Prey availability and types. Comment on types of bald eagle prey available at site, and relative abundance (compared with previous years if possible).
- c. General weather and ice conditions. Comment on weather and ice conditions during survey period (if possible, compare with previous years).
- d. Survey method. Report whether a roost or nonroost survey and how count was conducted (e.g., vehicle, boat, or aerial line transect).

4. Survey results section.- In top line, report the number of bald eagles observed by age class, in bottom line, report the number of golden eagles observed by age class. Exclude duplicate sightings.