

State Natural History Survey Division

ENR



River Research Laboratory
Box 599
Havana, IL 62644
309/543-3950

Illinois Department of
Energy and Natural Resources

20 January 1988

Glen C. Kruse
Illinois Department of Conservation
Endangered Species Project Manager
524 S. Second St.
Springfield, IL 62706

Dear Glen:

Enclosed is the 1988 data for the NWF Midwinter Bald Eagle Survey. We filled out the forms that you forwarded to us. The "Time at Start" is missing on some forms but those could be estimated from the times at other areas if necessary. Also the "Vegetation Type" and "Prey Types" are the same as we stated in the 1986 and 1987 reports if you need that information. I recommend adding those two items permanently to the forms unless there will be changes in the locations per form. You might also consider changing Pekin Lake, Powerton Lake, Spring Lake and Banner Marsh from the Chautauqua NWR - Cameron Division form to the Chautauqua NWR form. Seems to me that these locations are closer to Chautauqua than Cameron.

In addition to the numbers presented on the forms provided, we censused the following areas, some of which are in Illinois.

LOCATION	No. of Eagles		
	ADULT	IMMATURE	TOTAL
4 January 1988			
Hager Slough MO	2	1	3
Marais Temp MO	1	0	1
Dardenne MO	6	3	9
Cuivre MO	2	0	2
Cannon Refuge MO	3	2	5
Andalusia Refuge IL	6	4	10
Louisa Refuge IA	4	2	6

LOCATION	No. of Eagles		
	ADULT	IMMATURE	TOTAL
6 January 1988			
Clinton Lake	0	0	0
Lake Springfield	0	0	0
Sangchris	2	0	2
Coffeen	0	0	0
Newton Cooling Lake	1	1	2
Baldwin Cooling Lake	1	0	1
Mississippi River			
Kimmswick-St. Louis	0	1	1
Crystal City-Kimmswick	1	0	1
Kaskaskia River			
Evansville-Miss. River	6	2	8
Rt 154-Evansville	1	0	1
New Athens-Rt 154	1	1	2
Fayette-New Athens	0	0	0

Let me know if you need additional information.

Sincerely,



Stephen P. Havera
 Director
 River Research Laboratory

SPH:kr

NATIONAL WILDLIFE FEDERATION
MIDWINTER BALD EAGLE SURVEY
STANDARDIZED SURVEY FIELD FORM

Survey Site Location

Survey Site Number: _____

1. State(s): Illinois
2. County: Putnam/Bureau
3. Drainage or Body of Water: Illinois River
4. Place Name:

Observers

1. Name of Recorder: Robert D. Crompton
2. No. of Observers: 1
3. Address: P.O. Box 599, Havana, IL 62644
Phone: (309) 543-3950/3105
4. Affiliation: Illinois Natural History Survey

Survey Site Description and Survey Conditions

1. Vegetation Type(s) at Survey Site:
2. Prey Availability and Types:
3. General Weather and Ice Conditions: Partly cloudy, windy, lakes 90-95% frozen
4. Survey Date: 4 January 1988
5. Survey Method: Aircraft
180 Piper Arrow
6. Time at Start:
7. Total Time of Survey (min.): 25

Survey Results

1. Total Bald Eagles Counted: 24 No. Adults: 16 No. Imm.: 8
No. Age Unk.:
2. Total Golden Eagles Counted: No. Adults: No. Imm.:
No. Age Unk.:

Comments

Includes Turner Lake, Depue, Spring, Coleman, Bureau Ponds, Goose Pond, Senachwine, Siebold, Sawmill.

NATIONAL WILDLIFE FEDERATION
MIDWINTER BALD EAGLE SURVEY
STANDARDIZED SURVEY FIELD FORM

Survey Site Location

Survey Site Number: _____

1. State(s): Illinois
2. County: Marshall/Woodford/Tazewell/
Peoria
3. Drainage or Body of Water: Illinois River
4. Place Name: Chautauqua NWR-Cameron Division

Observers

1. Name of Recorder: Robert D. Crompton
2. No. of Observers: 1
3. Address: P.O. Box 599, Havana, IL 62644
Phone: (309) 543-3950/3105
4. Affiliation: Illinois Natural History Survey

Survey Site Description and Survey Conditions

1. Vegetation Type(s) at Survey Site:
2. Prey Availability and Types:
3. General Weather and Ice Conditions: Partly cloudy, windy, lakes and marsh 90-95% frozen, Powerton Lake open
4. Survey Date: 4 January 1988
5. Survey Method: Aircraft
180 Piper Arrow
6. Time at Start:
7. Total Time of Survey (min.): 50

Survey Results

1. Total Bald Eagles Counted: 55 No. Adults: 38 No. Imm.: 17
No. Age Unk.:
2. Total Golden Eagles Counted: No. Adults: No. Imm.:
No. Age Unk.:

Comments

Includes Billsbach Lk., Weis Lk., Sparland, Wightman, Sawyer, Hitchcock Slough, Round Pond, Meadow Lk., Rice Pond, Goose Pond, Upper & Lower Peoria Lk., Pekin Lk., Powerton Lk., Spring Lk., Banner Marsh.

NATIONAL WILDLIFE FEDERATION
MIDWINTER BALD EAGLE SURVEY
STANDARDIZED SURVEY FIELD FORM

Survey Site Location

Survey Site Number: _____

1. State(s): Illinois
2. County: Mason/Fulton/Schuyler
3. Drainage or Body of Water: Illinois River
4. Place Name: Chautauqua NWR

Observers

1. Name of Recorder: Robert D. Crompton
2. No. of Observers: 1
3. Address: P.O. Box 599, Havana, IL 62644
Phone: (309) 543-3950/3105
4. Affiliation: Illinois Natural History Survey

Survey Site Description and Survey Conditions

1. Vegetation Type(s) at Survey Site:
2. Prey Availability and Types:
3. General Weather and Ice Conditions: Partly cloudy, windy, ditches open, lakes 80-90% frozen
4. Survey Date: 4 January 1988
5. Survey Method: Aircraft
180 Piper Arrow
6. Time at Start: 7:15 A.M.
7. Total Time of Survey (min.): 130

Survey Results

1. Total Bald Eagles Counted: 184 No. Adults: 132 No. Imm.: 52
No. Age Unk.:
2. Total Golden Eagles Counted: No. Adults: No. Imm.:
No. Age Unk.:

Comments

Includes Manito ditches, Spoon River bottoms, Rice Lk., Duck Creek Cooling Lk. (=Banner Res.), Big Lk., Goose Lk., Clear Lk., Chautauqua Lk., Quiver Creek, Quiver Lk., Negro Lk., Bath Lk., Grass Lk., Anderson Lk., Moscow, Jack Lk., Snicarte, Ingram Lk., Stewart Lk., Crane Lk. Cuba Island, Chain Lk.

NATIONAL WILDLIFE FEDERATION
MIDWINTER BALD EAGLE SURVEY
STANDARDIZED SURVEY FIELD FORM

Survey Site Location

Survey Site Number: _____

1. State(s): Illinois
2. County: Cass/Brown/Morgan/part Pike
3. Drainage or Body of Water: Illinois River
4. Place Name: Chautauqua NWR-Meredosia Division

Observers

1. Name of Recorder: Robert D. Crompton
2. No. of Observers: 1
3. Address: P.O. Box 599, Havana, IL 62644
Phone: (309) 543-3950/3105
4. Affiliation: Illinois Natural History Survey

Survey Site Description and Survey Conditions

1. Vegetation Type(s) at Survey Site:
2. Prey Availability and Types:
3. General Weather and Ice Conditions: Partly cloudy, windy, ditches open, lakes 80-90% frozen
4. Survey Date: 4 January 1988
5. Survey Method: Aircraft
180 Piper Arrow
6. Time at Start:
7. Total Time of Survey (min.): 45

Survey Results

1. Total Bald Eagles Counted: 34 No. Adults: 25 No. Imm.: 9
No. Age Unk.:
2. Total Golden Eagles Counted: No. Adults: No. Imm.:
No. Age Unk.:

Comments

Includes Sangamon, Treadway, Muscooten, Big Prairie, Meredosia, Smith Lake.

NATIONAL WILDLIFE FEDERATION
MIDWINTER BALD EAGLE SURVEY
STANDARDIZED SURVEY FIELD FORM

Survey Site Location

Survey Site Number: _____

1. State(s): Illinois
2. County: Calhoun/Jersey
3. Drainage or Body of Water: Illinois River
4. Place Name: Flat & Swan Lakes

Observers

1. Name of Recorder: Robert D. Crompton
2. No. of Observers: 1
3. Address: P.O. Box 599, Havana, IL 62644
Phone: (309) 543-3950/3105
4. Affiliation: Illinois Natural History Survey

Survey Site Description and Survey Conditions

1. Vegetation Type(s) at Survey Site:
2. Prey Availability and Types:
3. General Weather and Ice Conditions: Partly cloudy, windy, ditches open, lakes 80-90% frozen
4. Survey Date: 4 January 1988
5. Survey Method: Aircraft
180 Piper Arrow
6. Time at Start:
7. Total Time of Survey (min.): 20

Survey Results

1. Total Bald Eagles Counted: 38 No. Adults: 24 No. Imm.: 14
No. Age Unk.:
2. Total Golden Eagles Counted: No. Adults: No. Imm.:
No. Age Unk.:

Comments

Includes Flat, Swan lakes.
Excludes Grafton-Alton on Mississippi River.

NATIONAL WILDLIFE FEDERATION
MIDWINTER BALD EAGLE SURVEY
STANDARDIZED SURVEY FIELD FORM

Survey Site Location

Survey Site Number: _____

1. State(s): Illinois
2. County: Calhoun, Jersey
3. Drainage or Body of Water: Illinois River
4. Place Name: Godar, Stump, Gilbert Lakes

Observers

1. Name of Recorder: Robert D. Crompton
2. No. of Observers:
3. Address: Box 599, Havana, IL 62644
Phone: (309) 543-3950/3105
4. Affiliation: Illinois Natural History Survey

Survey Site Description and Survey Conditions

1. Vegetation Type(s) at Survey Site:
2. Prey Availability and Types:
3. General Weather and Ice Conditions: Partly cloudy, windy, lakes 70-80% frozen, river open
4. Survey Date: 4 January 1988
5. Survey Method: Aircraft
180 Piper Arrow
6. Time at Start:
7. Total Time of Survey (min.): 20

Survey Results

- | | | |
|----------------------------------|----------------|---------------|
| 1. Total Bald Eagles Counted: 26 | No. Adults: 18 | No. Imm.: 8 |
| | | No. Age Unk.: |
| 2. Total Golden Eagles Counted: | No. Adults: | No. Imm.: |
| | | No. Age Unk.: |

Comments

Includes Godar, Stump, Gilbert lakes.
Excludes Grafton-Alton on Mississippi River

NATIONAL WILDLIFE FEDERATION
MIDWINTER BALD EAGLE SURVEY
STANDARDIZED SURVEY FIELD FORM

Survey Site Location

Survey Site Number: _____

1. State(s): Illinois
2. County: Rock Island
3. Drainage or Body of Water: Mississippi River
4. Place Name:

Observers

1. Name of Recorder: Robert D. Crompton
2. No. of Observers: 1
3. Address: P.O. Box 599, Havana, IL 62644
Phone: (309) 543-3950/3105
4. Affiliation: Illinois Natural History Survey

Survey Site Description and Survey Conditions

1. Vegetation Type(s) at Survey Site:
2. Prey Availability and Types:
3. General Weather and Ice Conditions: Partly cloudy, windy, lakes 95% frozen, river 95% frozen - no barge traffic
4. Survey Date: 4 January 1988
5. Survey Method: Aircraft
180 Piper Arrow
6. Time at Start:
7. Total Time of Survey (min.): 15

Survey Results

1. Total Bald Eagles Counted: 7 No. Adults: 5 No. Imm.: 2
No. Age Unk.:
2. Total Golden Eagles Counted: No. Adults: No. Imm.:
No. Age Unk.:

Comments

Includes Muscatine-Moline.

NATIONAL WILDLIFE FEDERATION
MIDWINTER BALD EAGLE SURVEY
STANDARDIZED SURVEY FIELD FORM

Survey Site Location

Survey Site Number: _____

1. State(s): Illinois
2. County: Mercer
3. Drainage or Body of Water: Mississippi River
4. Place Name:

Observers

1. Name of Recorder: Robert D. Crompton
2. No. of Observers: 1
3. Address: P.O. Box 599, Havana, IL 62644
Phone: (309) 543-3950/3105
4. Affiliation: Illinois Natural History Survey

Survey Site Description and Survey Conditions

1. Vegetation Type(s) at Survey Site:
2. Prey Availability and Types:
3. General Weather and Ice Conditions: Partly cloudy, windy, lakes 95% frozen, river 95% frozen - no barge traffic
4. Survey Date: 4 January 1988
5. Survey Method: Aircraft
180 Piper Arrow
6. Time at Start:
7. Total Time of Survey (min.): 20

Survey Results

1. Total Bald Eagles Counted: 16 No. Adults: 10 No. Imm.: 6
No. Age Unk.:
2. Total Golden Eagles Counted: No. Adults: No. Imm.:
No. Age Unk.:

Comments

Includes Keithsburg Refuge, New Boston, Louisa-Muscatine.

Excludes Louisa Refuge on Iowa side.

NATIONAL WILDLIFE FEDERATION
MIDWINTER BALD EAGLE SURVEY
STANDARDIZED SURVEY FIELD FORM

Survey Site Location

Survey Site Number: _____

1. State(s): Illinois
2. County: Henderson
3. Drainage or Body of Water: Mississippi River
4. Place Name:

Observers

1. Name of Recorder: Robert D. Crompton
2. No. of Observers: 1
3. Address: P.O. Box 599, Havana, IL 62644
Phone: (309) 543-3950/3105
4. Affiliation: Illinois Natural History Survey

Survey Site Description and Survey Conditions

1. Vegetation Type(s) at Survey Site:
2. Prey Availability and Types:
3. General Weather and Ice Conditions: Partly cloudy, windy, lakes 95% frozen, river 95% frozen - no barge traffic
4. Survey Date: 4 January 1988
5. Survey Method: Aircraft
180 Piper Arrow
6. Time at Start:
7. Total Time of Survey (min.): 45

Survey Results

- | | | |
|----------------------------------|----------------|---------------|
| 1. Total Bald Eagles Counted: 40 | No. Adults: 28 | No. Imm.: 12 |
| | | No. Age Unk.: |
| 2. Total Golden Eagles Counted: | No. Adults: | No. Imm.: |
| | | No. Age Unk.: |

Comments

Includes Dallas City-Burlington, Turkey Slough, Burlington-Oquawka, Crystal Lake, Oquawka Refuge, Oquawka-Keithsburg.

NATIONAL WILDLIFE FEDERATION
MIDWINTER BALD EAGLE SURVEY
STANDARDIZED SURVEY FIELD FORM

Survey Site Location

Survey Site Number: _____

1. State(s): Illinois
2. County: Hancock
3. Drainage or Body of Water: Mississippi River
4. Place Name:

Observers

1. Name of Recorder: Robert D. Crompton
2. No. of Observers: 1
3. Address: P.O. Box 599, Havana, IL 62644
Phone: (309) 543-3950/3105
4. Affiliation: Illinois Natural History Survey

Survey Site Description and Survey Conditions

1. Vegetation Type(s) at Survey Site:
2. Prey Availability and Types:
3. General Weather and Ice Conditions: Partly cloudy, windy, river 95% frozen - no barge traffic
4. Survey Date: 4 January 1988
5. Survey Method: Aircraft
180 Piper Arrow
6. Time at Start:
7. Total Time of Survey (min.): 50

Survey Results

1. Total Bald Eagles Counted: 79 No. Adults: 55 No. Imm.: 24
No. Age Unk.:
2. Total Golden Eagles Counted: No. Adults: No. Imm.:
No. Age Unk.:

Comments

Includes Meyer-Keokuk, Keokuk-Nauvoo, Nauvoo-Ft. Madison, Arthur Refuge, Ft. Madison-Dallas City.

NATIONAL WILDLIFE FEDERATION
MIDWINTER BALD EAGLE SURVEY
STANDARDIZED SURVEY FIELD FORM

Survey Site Location

Survey Site Number: _____

1. State(s): Illinois
2. County: Adams
3. Drainage or Body of Water: Mississippi River
4. Place Name:

Observers

1. Name of Recorder: Robert D. Crompton
2. No. of Observers: 1
3. Address: P.O. Box 599, Havana, IL 62644
Phone: (309) 543-3950/3105
4. Affiliation: Illinois Natural History Survey

Survey Site Description and Survey Conditions

1. Vegetation Type(s) at Survey Site:
2. Prey Availability and Types:
3. General Weather and Ice Conditions: Partly cloudy, windy, lakes 75-80% frozen, river open
4. Survey Date: 4 January 1988
5. Survey Method: Aircraft
180 Piper Arrow
6. Time at Start:
7. Total Time of Survey (min.): 20

Survey Results

- | | | |
|----------------------------------|----------------|---------------|
| 1. Total Bald Eagles Counted: 27 | No. Adults: 17 | No. Imm.: 10 |
| | | No. Age Unk.: |
| 2. Total Golden Eagles Counted: | No. Adults: | No. Imm.: |
| | | No. Age Unk.: |

Comments

Includes Hannibal-Quincy, Quincy-Meyer, Gardner Refuge.

NATIONAL WILDLIFE FEDERATION
MIDWINTER BALD EAGLE SURVEY
STANDARDIZED SURVEY FIELD FORM

Survey Site Location

Survey Site Number: _____

1. State(s): Illinois
2. County: Adams/Pike
3. Drainage or Body of Water: Mississippi River
4. Place Name:

Observers

1. Name of Recorder: Robert D. Crompton
2. No. of Observers: 1
3. Address: P.O. Box 599, Havana, IL 62644
Phone: (309) 543-3950/3105
4. Affiliation: Illinois Natural History Survey

Survey Site Description and Survey Conditions

1. Vegetation Type(s) at Survey Site:
2. Prey Availability and Types:
3. General Weather and Ice Conditions: Partly cloudy, windy,
lakes 75-80% frozen, river open
4. Survey Date: 4 January 1988
5. Survey Method: Aircraft
180 Piper Arrow
6. Time at Start:
7. Total Time of Survey (min.): 25

Survey Results

1. Total Bald Eagles Counted: 35 No. Adults: 25 No. Imm.: 10
No. Age Unk.:
2. Total Golden Eagles Counted: No. Adults: No. Imm.:
No. Age Unk.:

Comments

Includes Delair Refuge, Louisiana-Saverton, Shanks Refuge, Saverton-Hannibal, Gardner Club east of Lock and Dam 22.

NATIONAL WILDLIFE FEDERATION
MIDWINTER BALD EAGLE SURVEY
STANDARDIZED SURVEY FIELD FORM

Survey Site Location

Survey Site Number: _____

1. State(s): Illinois
2. County: Calhoun
3. Drainage or Body of Water: Mississippi River
4. Place Name:

Observers

1. Name of Recorder: Robert D. Crompton
2. No. of Observers: 1
3. Address: P.O. Box 599, Havana, IL 62644
Phone: (309) 543-3950/3105
4. Affiliation: Illinois Natural History Survey

Survey Site Description and Survey Conditions

1. Vegetation Type(s) at Survey Site:
2. Prey Availability and Types:
3. General Weather and Ice Conditions: Partly cloudy, windy, lakes 75-80% frozen, river open
4. Survey Date: 4 January 1988
5. Survey Method: Aircraft
180 Piper Arrow
6. Time at Start:
7. Total Time of Survey (min.): 35

Survey Results

- | | | |
|----------------------------------|----------------|---------------|
| 1. Total Bald Eagles Counted: 38 | No. Adults: 26 | No. Imm.: 12 |
| | | No. Age Unk.: |
| 2. Total Golden Eagles Counted: | No. Adults: | No. Imm.: |
| | | No. Age Unk.: |

Comments

Includes Grafton-Alton, Batch Pool, Batch Refuge, Gilead, Calumet Refuge, Sny Slough, Duck Club (opposite Louisiana).

Excludes Hager, Marais Temp., Dardenne, Cuivre, & Cannon Refuge on the Missouri side.

NATIONAL WILDLIFE FEDERATION
MIDWINTER BALD EAGLE SURVEY
STANDARDIZED SURVEY FIELD FORM

Survey Site Location

Survey Site Number: _____

1. State(s): Illinois
2. County: Madison
3. Drainage or Body of Water: Mississippi River
4. Place Name: Horseshoe Lake

Observers

1. Name of Recorder: Robert D. Crompton
2. No. of Observers: 1
3. Address: P.O. Box 599, Havana, IL 62644
Phone: (309) 543-3950/3105
4. Affiliation: Illinois Natural History Survey

Survey Site Description and Survey Conditions

1. Vegetation Type(s) at Survey Site:
2. Prey Availability and Types:
3. General Weather and Ice Conditions: Partly cloudy, light wind, lake 85% frozen
4. Survey Date: 6 January 1988
5. Survey Method: Aircraft
180 Piper Arrow
6. Time at Start:
7. Total Time of Survey (min.): 10

Survey Results

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

Comments

NATIONAL WILDLIFE FEDERATION
MIDWINTER BALD EAGLE SURVEY
STANDARDIZED SURVEY FIELD FORM

Survey Site Location

Survey Site Number: _____

1. State(s): Illinois
2. County: Shelby, Moultrie
3. Drainage or Body of Water: Kaskaskia River drainage
4. Place Name: Lake Shelbyville

Observers

1. Name of Recorder: Robert D. Crompton
2. No. of Observers: 1
3. Address: Box 599, Havana, IL 62644
Phone: (309) 543-3950/3105
4. Affiliation: Illinois Natural History Survey

Survey Site Description and Survey Conditions

1. Vegetation Type(s) at Survey Site:
2. Prey Availability and Types:
3. General Weather and Ice Conditions: Partly cloudy, light wind, 95% frozen
4. Survey Date: 6 January 1988
5. Survey Method: Aircraft
180 Piper Arrow
6. Time at Start: 8:45 AM
7. Total Time of Survey (min.): 35

Survey Results

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

Comments

NATIONAL WILDLIFE FEDERATION
MIDWINTER BALD EAGLE SURVEY
STANDARDIZED SURVEY FIELD FORM

Survey Site Location

Survey Site Number: _____

1. State(s): Illinois
2. County: Clinton, Bond, Fayette
3. Drainage or Body of Water: Kaskaskia River drainage
4. Place Name: Carlyle Lake

Observers

1. Name of Recorder: Robert D. Crompton
2. No. of Observers: 1
3. Address: P.O. Box 599, Havana, IL 62644
Phone: (30()) 543-3950/3105
4. Affiliation: Illinois Natural History Survey

Survey Site Description and Survey Conditions

1. Vegetation Type(s) at Survey Site:
2. Prey Availability and Types:
3. General Weather and Ice Conditions: Partly cloudy, light wind, 90% frozen
4. Survey Date: 6 January 1988
5. Survey Method: Aircraft
180 Piper Arrow
6. Time at Start:
7. Total Time of Survey (min.): 45

Survey Results

- | | | |
|---------------------------------|---------------|---------------|
| 1. Total Bald Eagles Counted: 4 | No. Adults: 3 | No. Imm.: 1 |
| | | No. Age Unk.: |
| 2. Total Golden Eagles Counted: | No. Adults: | No. Imm.: |
| | | No. Age Unk.: |

Comments

NATIONAL WILDLIFE FEDERATION
MIDWINTER BALD EAGLE SURVEY
STANDARDIZED SURVEY FIELD FORM

Survey Site Location

Survey Site Number: _____

1. State(s): Illinois
2. County: Franklin, Jefferson
3. Drainage or Body of Water: Big Muddy River Drainage
4. Place Name: Rend Lake

Observers

1. Name of Recorder: Robert D. Crompton
2. No. of Observers: 1
3. Address: P.O. Box 599, Havana, IL 62644
Phone: (309) 543-3950/3105
4. Affiliation: Illinois Natural History Survey

Survey Site Description and Survey Conditions

1. Vegetation Type(s) at Survey Site:
2. Prey Availability and Types:
3. General Weather and Ice Conditions: Partly cloudy, light wind, 80% frozen
4. Survey Date: 6 January 1988
5. Survey Method: Aircraft
180 Piper Arrow
6. Time at Start:
7. Total Time of Survey (min.): 40

Survey Results

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

Comments

NATIONAL WILDLIFE FEDERATION
MIDWINTER BALD EAGLE SURVEY
STANDARDIZED SURVEY FIELD FORM

Survey Site Location

Survey Site Number: _____

1. State(s): Illinois
2. County: Alexander
3. Drainage or Body of Water: Mississippi River
4. Place Name:

Observers

1. Name of Recorder: Robert D. Crompton
2. No. of Observers: 1
3. Address: P.O. Box 599, Havana, IL 62644
Phone: (309) 543-3950/3105
4. Affiliation: Illinois Natural History Survey

Survey Site Description and Survey Conditions

1. Vegetation Type(s) at Survey Site:
2. Prey Availability and Types:
3. General Weather and Ice Conditions: Partly cloudy, light wind, river open - light barge traffic
4. Survey Date: 6 January 1988
5. Survey Method: Aircraft
180 Piper Arrow
6. Time at Start:
7. Total Time of Survey (min.): 30

Survey Results

1. Total Bald Eagles Counted: 53 No. Adults: 38 No. Imm.: 15
No. Age Unk.:
2. Total Golden Eagles Counted: No. Adults: No. Imm.:
No. Age Unk.:

Comments

Cape Girardeau-Cairo

NATIONAL WILDLIFE FEDERATION
MIDWINTER BALD EAGLE SURVEY
STANDARDIZED SURVEY FIELD FORM

Survey Site Location

Survey Site Number: _____

1. State(s): Illinois
2. County: Union
3. Drainage or Body of Water: Mississippi River
4. Place Name:

Observers

1. Name of Recorder: Robert D. Crompton
2. No. of Observers: 1
3. Address: P.O. Box 599, Havana, IL 62644
Phone: (309) 543-3950/3105
4. Affiliation: Illinois Natural History Survey

Survey Site Description and Survey Conditions

1. Vegetation Type(s) at Survey Site:
2. Prey Availability and Types:
3. General Weather and Ice Conditions: Partly cloudy, light wind, river open - light barge traffic
4. Survey Date: 6 January 1988
5. Survey Method: Aircraft
180 Piper Arrow
6. Time at Start:
7. Total Time of Survey (min.): 20

Survey Results

- | | | |
|----------------------------------|----------------|---------------|
| 1. Total Bald Eagles Counted: 36 | No. Adults: 25 | No. Imm.: 11 |
| | | No. Age Unk.: |
| 2. Total Golden Eagles Counted: | No. Adults: | No. Imm.: |
| | | No. Age Unk.: |

Comments

Grand Tower-Cape Girardeau

NATIONAL WILDLIFE FEDERATION
MIDWINTER BALD EAGLE SURVEY
STANDARDIZED SURVEY FIELD FORM

Survey Site Location

Survey Site Number: _____

1. State(s): Illinois
2. County: Jackson/Randolph
3. Drainage or Body of Water: Mississippi River
4. Place Name:

Observers

1. Name of Recorder: Robert D. Crompton
2. No. of Observers: 1
3. Address: P.O. Box 599, Havana, IL 62644
Phone: (309) 543-3950/3105
4. Affiliation: Illinois Natural History Survey

Survey Site Description and Survey Conditions

1. Vegetation Type(s) at Survey Site:
2. Prey Availability and Types:
3. General Weather and Ice Conditions: Partly cloudy, light wind, river open - light barge traffic
4. Survey Date: 6 January 1988
5. Survey Method: Aircraft
180 Piper Arrow
6. Time at Start:
7. Total Time of Survey (min.): 40

Survey Results

- | | | |
|----------------------------------|----------------|---------------|
| 1. Total Bald Eagles Counted: 34 | No. Adults: 24 | No. Imm.: 10 |
| | | No. Age Unk.: |
| 2. Total Golden Eagles Counted: | No. Adults: | No. Imm.: |
| | | No. Age Unk.: |

Comments

Chester-Grand Tower, Ste. Genevieve-Chester, Crystal City-
Ste. Genevieve.