

OBS. NO. _____

SITE _____

TYPE OF SITE _____

GENERAL LOCATION (from town, highways, etc.)

- Roost
- Both (feeding and roost)

LEGAL DESCRIPTION _____

(example: T23N, R10W, S28, NE4, SE4)

WETLAND CLASSIFICATION _____ / _____

(Use Cowardin, 1979. Special modifiers go after the “/”, use commas to separate special modifiers)

TYPE _____

- I
- II
- III
- IV
- V

WETLAND SIZE _____

(Nonriverine – acreage of pond, wetland

Riverine (water width) – use total width of water within the unobstructed channel, in yards)

WATER QUALITY _____

- Clear
- Turbid
- Saline
- Not Available

SUBSTRATE _____

- Sand
- Soft mud
- Hard mud
- Other (describe) _____

Not available

PLACE WATER DEPTH MEASUREMENTS BELOW:

Nonriverine sites: Two perpendicular transects intersecting at roost. Limit transect lengths to 100 yards or terminate at an obstruction or when a sustained depth of 36" is reached. Depth at 10' intervals.

Roost depth (X) = _ _

Transect 1 _____ X _____

Transect 2 _____ X _____

Riverine sites: Transect through roost perpendicular to channel. Depth at 10'' intervals.

Roost depth (Place X in appropriate spaces) = _ _

Water Depth Range _____

(Range of water depths, in inches, in roost area)

CRANE DEPTHS 1 _ _ 2 _ _ 3 _ _ 4 _ _ 5 _ _ 6 _ _

 7 _ _ 8 _ _ 9 _ _ 10 _ _ 11 _ _ 12 _ _

(Depth of water in inches where the crane roost was actually located. Each set of blanks is for one particular night, up to 12 nights.)

OBS. _____

SITE _____

DOMINANT AQUATIC EMERGENT
VEGETATION OF ENTIRE WETLAND _____
(Separate with commas)

VEGETATION _____
(Use Golet & Larson, 1974)

When determining visibilities, a bank, woody perennial vegetation, or other obstruction greater than 3 feet in height may be an obstruction.

RIVERINE VISIBILITY – WIDTH _____
(unobstructed channel
width, in yards)

RIVERINE VISIBILITY – LENGTH _____
(length of channel from obstruction to
obstruction in yards)

VISIBILITY TO NEAREST OBSTRUCTION ____
(both riverine and nonriverine)

DIRECTION AND TYPE OF NEAREST
OBSTRUCTION _____

ROOST SITE DESCRIPTION _____

TYPES OF OTHER ROOSTING
HABITAT WITHIN A 2.5 MI. RADIUS _____

PRIMARY ADJACENT COVER TYPES WITHIN A 1 MILE RADIUS _____

DISTANCE TO FEEDING SITES _____

DISTANCE TO HUMAN DEVELOPMENTS:

_ Paved Road _____	_ Gravel Road _____
_ Urban Dwelling _____ (3 or more houses)	_ Single Dwelling _____
_ Railroad _____	_ Comm. Development _____
_ Recreational Area _____	_ Bridge _____

PRIMARY POTENTIAL FOODS _____
(separate food types with commas)

FOODS OBSERVED EATEN _____
(separate with commas)

SITE SECURITY _____
Stable
Threatened
Unknown

COMMENTS ON SITE SECURITY (i.e. why is site
threatened, etc.) _____

SITE OWNERSHIP _____

NAME AND LOCATION OF OWNER/CONTRACT

Private
State
Federal
Other (power dist. Audubon Soc., etc.)
Not available

DISTANCE TO NEAREST POWER OR PHONE LINE _____

DETAILS OF WHOOPING CRANE USE (how many, behavior, interactions, etc.):

OBS. NO. _____

SITE _____

TYPE OF SITE _____

GENERAL LOCATION (from town, highways, etc.)

- Roost
- Both (feeding and roost)

LEGAL DESCRIPTION _____

(example: T23N, R10W, S28, NE4, SE4)

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- III
- IV
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WETLAND SIZE _____

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of water within the unobstructed
channel, in yards)

WATER QUALITY _____

- Clear
- Turbid
- Saline
- Not Available

SUBSTRATE _____

- Sand
- Soft mud
- Hard mud
- Other (describe) _____

WATER DEPTH RANGE _____

(In inches)

Not available

DOMINANT AQUATIC EMERGENT
VEGETATION OF ENTIRE WETLAND _____
(Separate with commas)

VEGETATION _____
(Use Golet & Larson, 1974 cover types 1 thru 8) _____

FEEDING SITE DESCRIPTION _____

TYPES OF OTHER FEEDING
HABITAT WITHIN A 2.5 MI RADIUS _____

DISTANCE TO HUMAN DEVELOPMENTS:

_ Paved Road _____ _ Gravel Road _____

_ Urban Dwelling _____ _ Single Dwelling _____
(3 or more houses)

_ Railroad _____ _ Comm. Development _____

_ Recreational Area _____ _ Bridge _____

PRIMARY POTENTIAL FOODS _____
(separate food types with commas)

FOODS OBSERVED EATEN _____

SITE SECURITY _____
Stable
Threatened
Unknown

COMMENTS ON SITE SECURITY (i.e. why is site
threatened, etc.) _____

SITE OWNERSHIP _____
Private
State
Federal
Other (power dist. Audubon Soc., etc.)
Not available

NAME AND LOCATION OF OWNER/CONTRACT

DISTANCE TO NEAREST POWER OR PHONE LINE _____

DETAILS OF WHOOPING CRANE USE (how many, behavior, interactions, etc.):

OBS. NO. _____

SITE _____

TYPE OF SITE _____

GENERAL LOCATION (from town, highways, etc.)

- Feeding _____
- Both (feeding and roost) _____

LEGAL DESCRIPTION _____

(example: T23N, R10W, S28, NE4, SE4)

FEEDING SITE DESCRIPTION _____

TYPES OF OTHER FEEDING HABITAT
WITHIN A 2.5 MI RADIUS _____

DISTANCE TO HUMAN DEVELOPMENTS:

- _ Paved Road _____
- _ Gravel Road _____
- _ Urban Dwelling _____
(3 or more houses)
- _ Single Dwelling _____
- _ Railroad _____
- _ Comm. Development _____
- _ Recreational Area _____
- _ Bridge _____

PRIMARY POTENTIAL FOODS _____
(separate with commas)

FOODS OBSERVED EATEN _____
(separate with commas)

SITE SECURITY -----

- Stable
- Threatened
- Unknown

COMMENTS ON SITE SECURITY (i.e. why is site threatened, etc.) _____

SITE OWNERSHIP -----

- Private
- State
- Federal
- Other (power district, Audubon Society, etc.)
- Not Available

NAME AND LOCATION OF OWNER / CONTACT _____

DISTANCE TO NEAREST POWER OR PHONE LINE _____

DETAILS OF WHOOPING CRANE USE (i.e. how many, behavior, interactions, etc.):

CODE KEY – WHOOPING CRANE SITE EVALUATIONS (cont.)

DOMINANT VEGETATION:

Grass	= 1	Smartweed	= 5
Sedge	= 2	Other	= 6
Cattail	= 3	None	= 7
Rush	= 4		

ROOST AND FEEDING SITE DESCRIPTIONS:

Separate types with semicolons. Separate subtypes with commas. To use modifiers with types, place decimal between them. To use modifiers with subtypes, add modifier without a decimal. For example, 11A6; 15; 20.6

TYPE		CROPLAND SUBTYPE		MODIFIERS	
Flooded pasture	= 09	Alfalfa	= A	Green	= 1
Wooded creek or draw	= 10	Barley	= B	Stubble	= 2
Flooded cropland (specify subtype)	= 11	Corn	= C	Disked	= 3
Stockpond	= 12	Sunflower	= F	Plowed	= 4
Reservoir	= 13	Fallow	= L	Grazed	= 5
Lake	= 14	Milo	= M	Hayed	= 6
Marsh (Type III & IV)	= 15	Oats	= O		
River	= 16	Popcorn	= P		
Seasonally flooded basin	= 17	Rye	= R		
Wet Meadow (Type II)	= 18	Soybean	= S		
Other (describe)	= 19	Wheat	= W		
Flooded hayfield	= 20				
Cropland (specify subtype)	= 21				
Pasture	= 22				
Haymeadow	= 23				
Other	= 24				
Woodland	= 25				

FOODS:

Grain (seed & plant material)	= 1	Fish	= 6
Tubers	= 2	Frogs	= 7
Insects and/or invertebrates	= 3	Other	= 8
Mollusks	= 4	Salamanders	= 9
Crustaceans	= 5	Not available	= 10

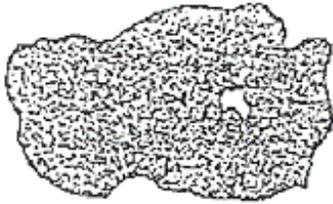
DISTANCE (D):

To Feeding Sites and Human Development:

D < 1/4 mile	= 1 mile	1 ? D < 2 miles	= 5
1/4 ? D < 1/2 mile	= 2	D ? 2 miles	= 6
1/2 ? D < 3/4 mile	= 3	Not available	= 7
3/4 ? D < 1 mile	= 4		

To Power or Phone Lines:

D < 100 yards	= 1
100 ? D < 440 yards	= 2
440 ? D < 880 yards	= 3
D ? 880 yards	= 4



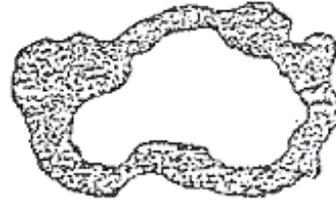
COVER TYPE 1



COVER TYPE 2



COVER TYPE 3



COVER TYPE 4



COVER TYPE 5



COVER TYPE 6



COVER TYPE 7



COVER TYPE 8

1. Cover plants occupy more than 95 percent of the wetland area.
2. Cover plants occupy 76-95 percent of the wetland area occurring in peripheral bands.
3. Cover plants occupy 76-95 percent of the wetlands area occurring in dense patches or diffuse open stands.
4. Cover plants occupy 26-75 percent of the wetland area occurring in peripheral bands.
5. Cover plants occupy 26-75 percent of the wetland area occurring in dense patches or diffuse open stands.
6. Cover plants occupy 5-25 percent of the wetland area occurring in a peripheral band.
7. Cover plants occupy 5-25 percent of the wetland area occurring in dense patches or diffuse open stands.
8. Cover plants occupy less than 5 percent of the wetland area.

COUNTY CODING FOR COMPUTER

1. Adams	27. Dodge	53. Kimball	79. Scotts Bluff
2. Antelope	28. Douglas	54. Knox	80. Seward
3. Arthur	29. Dundy	55. Lancaster	81. Sheridan
4. Banner	30. Fillmore	56. Lincoln	82. Sherman
5. Blaine	31. Franklin	57. Logan	83. Sioux
6. Boone	32. Frontier	58. Loup	84. Stanton
7. Box Butte	33. Furnas	59. McPherson	85. Thayer
8. Boyd	34. Gage	60. Madison	86. Thomas
9. Brown	35. Garden	61. Merrick	87. Thurston
10. Buffalo	36. Garfield	62. Morrill	88. Valley
11. Burt	37. Gosper	63. Nance	89. Washington
12. Butler	38. Grant	64. Nemaha	90. Wayne
13. Cass	39. Greeley	65. Nuckolls	91. Webster
14. Cedar	40. Hall	66. Otoe	92. Wheeler
15. Chase	41. Hamilton	67. Pawnee	93. York
16. Cherry	42. Harlan	68. Perkins	
17. Cheyenne	43. Hayes	69. Phelps	
18. Clay	44. Hitchcock	70. Pierce	
19. Colfax	45. Holt	71. Platte	
20. Cuming	46. Hooker	72. Polk	
21. Custer	47. Howard	73. Red Willow	
22. Dakota	48. Jefferson	74. Richardson	
23. Dawes	49. Johnson	75. Rock	
24. Dawson	50. Kearney	76. Saline	
25. Deuel	51. Keith	77. Sarpy	
26. Dixon	52. Keya Paha	78. Saunders	