

# Loess Bluffs National Wildlife Refuge Monthly Habitat, Waterfowl and Eagle Survey Report

Date: 2022-11-07

## Document Purpose:

This document provides a summary of waterfowl and bald eagle use on Loess Bluffs NWR, updated weekly. Bird estimates are derived using Integrated Waterbird Management and Monitoring (IWMM) protocol using an area count (bird per acre), block or modified block count methods, for more information click on the following links for [IWMM Protocol](#) pages 18 – 21 and [U. S. Fish and Wildlife Service's estimating flock size](#) website.

## Habitat Conditions Summary:

Habitat conditions are rated based on ocular estimates of overall habitat condition, area (acres) of wetlands flooded and percentage of wetland frozen using [IWMM Protocol](#) pages 11 – 17.

Habitat Condition	10/19/2022 data	10/26/2022 data	11/01/2022 data	11/07/2022 data
Habitat Conditions Rating	Excellent	Excellent	Excellent	Excellent
Acres of wetlands flooded	2,465	2,585	2,700	2,825
Percentage of Wetlands Frozen	25%	0%	0%	0%

## Waterfowl Species Summary:

Species	Number of Birds observed week of 10/19/2022	Number of Birds observed week of 10/26/2022	Number of Birds observed week of 11/01/2022	Number of Birds observed week of 11/07/2022
Greater White-fronted Goose	0	185	2,300	11,000
Snow Goose	10	0	40	705
Ross's Goose	0	0	0	35
Canada Goose	55	144	223	296
Trumpeter Swan	0	3	3	93
Tundra Swan	0	0	0	2
Wood Duck	540	595	70	110
Gadwall	745	4,860	1,760	6,580
American Wigeon	0	70	90	270
American Black Duck	0	0	0	0
Mallard	270	650	885	32,495
Blue-winged Teal	180	300	445	360
Cinnamon Teal	0	0	0	0
Northern Shoveler	220	85	235	870

Species	Number of Birds observed week of 10/19/2022	Number of Birds observed week of 10/26/2022	Number of Birds observed week of 11/01/2022	Number of Birds observed week of 11/07/2022
Northern Pintail	5,795	7,110	7,220	22,120
Green-winged Teal	2,230	9,195	5,350	28,205
Canvasback	0	0	0	0
Redhead	0	0	0	10
Ring-necked Duck	3,220	4,690	3,745	13,260
Scaup	60	35	350	40
Bufflehead	0	0	0	2
Common Goldeneye	0	0	0	0
Hooded Merganser	0	0	0	30
Common Merganser	0	0	0	0
Red-breasted Merganser	0	0	0	0
Ruddy Duck	0	0	0	45
Pied-billed Grebe	38	31	30	26
Horned Grebe	0	0	0	0
Eared Grebe	0	0	0	0
American Coot	1,980	3,195	2,610	3,510

Species Group Summary:

Species Group	Total number of birds observed week of 10/19/2022	Total number of birds observed week of 10/26/2022	Total number of birds observed week of 11/01/2022	Total number of birds observed week of 11/07/2022
Geese	65	329	2,563	12,036
Dabblers	9,980	22,865	16,055	91,010
Divers	3,280	4,725	4,095	13,387
All Ducks	13,260	27,590	20,150	104,397
Shorebirds	1	22	22	0

Eagles Summary:

Bald Eagles	Total number of birds observed 10/19/2022	Total number of birds observed 10/26/2022	Total number of birds observed 11/01/2022	Total number of birds observed 11/07/2022
Immature			1	11
Adult			6	7
All Eagles	Present	Present	7	18