

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

Date: 2023-10-03

## 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	09/12/2023 data	09/19/2023 data	09/26/2023 data	10/03/2023 data
Habitat Conditions Rating	Good	Good	Good	Good
Acres of wetlands flooded	1,255	1,395	1,455	1,500
Percentage of Wetlands Frozen	0%	0%	0%	0%

## Waterfowl Species Summary:

Species	Number of birds observed week of 09/12/2023	Number of Birds observed week of 09/19/2023	Number of Birds observed week of 09/26/2023	Number of Birds observed week of 10/03/2023
Greater White-fronted Goose	0	0	0	0
Snow Goose	0	0	0	0
Ross's Goose	0	0	0	0
Canada Goose	0	41	20	27
Trumpeter Swan	0	0	0	0
Tundra Swan	0	0	0	0
Wood Duck	35	32	60	30
Gadwall	0	0	0	0
American Wigeon	0	0	0	0
American Black Duck	0	0	0	0
Mallard	42	0	20	0
Blue-winged Teal	568	630	1,780	2,145
Cinnamon Teal	0	0	0	0
Northern Shoveler	0	0	0	5

Species	Number of birds observed week of 09/12/2023	Number of Birds observed week of 09/19/2023	Number of Birds observed week of 09/26/2023	Number of Birds observed week of 10/03/2023
Northern Pintail	20	15	1,250	2,400
Green-winged Teal	80	35	480	750
Canvasback	0	0	0	0
Redhead	0	0	0	0
Ring-necked Duck	0	0	0	0
Scaup	0	0	0	0
Bufflehead	0	0	0	0
Common Goldeneye	0	0	0	0
Hooded Merganser	0	0	0	0
Common Merganser	0	0	0	0
Red-breasted Merganser	0	0	0	0
Ruddy Duck	0	0	0	0
Pied-billed Grebe	4	0	4	33
Horned Grebe	0	0	0	0
Eared Grebe	0	0	0	0
American Coot	0	0	0	15

Species Group Summary:

Species Group	Total number of birds observed week of 09/12/2023	Total number of birds observed week of 09/19/2023	Total number of birds observed week of 09/26/2023	Total number of birds observed week of 10/03/2023
Geese	0	41	20	27
Dabblers	745	712	3,590	5,330
Divers	0	0	0	0
All Ducks	745	712	3,590	5,330
Shorebirds	10	10	5	38

Eagles Summary:

Bald Eagles	Total number of birds observed 09/12/2023	Total number of birds observed 09/19/2023	Total number of birds observed 09/26/2023	Total number of birds observed 10/03/2023
Adult				
Immature				
All Eagles	Present	Present	Present	Present