

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

Date: 2023-09-19

## 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	09/07/2023 data	09/12/2023 data	09/19/2023 data	
Habitat Conditions Rating	Good	Good	Good	
Acres of wetlands flooded	1,105	1,255	1,395	
Percentage of Wetlands Frozen	0%	0%	0%	

## Waterfowl Species Summary:

Species	Number of birds observed week of 09/07/2023	Number of birds observed week of 09/12/2023	Number of Birds observed week of 09/19/2023	
Greater White-fronted Goose	0	0	0	
Snow Goose	0	0	0	
Ross's Goose	0	0	0	
Canada Goose	4	0	41	
Trumpeter Swan	0	0	0	
Tundra Swan	0	0	0	
Wood Duck	40	35	32	
Gadwall	5	0	0	
American Wigeon	0	0	0	
American Black Duck	0	0	0	
Mallard	15	42	0	
Blue-winged Teal	150	568	630	
Cinnamon Teal	0	0	0	
Northern Shoveler	0	0	0	

Species	Number of birds observed week of 09/07/2023	Number of birds observed week of 09/12/2023	Number of Birds observed week of 09/19/2023	
Northern Pintail	0	20	15	
Green-winged Teal	0	80	35	
Canvasback	0	0	0	
Redhead	0	0	0	
Ring-necked Duck	0	0	0	
Scaup	0	0	0	
Bufflehead	0	0	0	
Common Goldeneye	0	0	0	
Hooded Merganser	0	0	0	
Common Merganser	0	0	0	
Red-breasted Merganser	0	0	0	
Ruddy Duck	0	0	0	
Pied-billed Grebe	4	4	0	
Horned Grebe	0	0	0	
Eared Grebe	0	0	0	
American Coot	0	0	0	

Species Group Summary:

Species Group	Total number of birds observed week of 09/07/2023	Total number of birds observed week of 09/12/2023	Total number of birds observed week of 09/19/2023	
Geese	4	0	41	
Dabblers	210	745	712	
Divers	0	0	0	
All Ducks	210	745	712	
Shorebirds	6	10	10	

Eagles Summary:

Bald Eagles	Total number of birds observed 09/07/2023	Total number of birds observed 09/12/2023	Total number of birds observed 09/19/2023	
Adult				
Immature				
All Eagles	Present	Present	Present	