

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

Date: 2022-10-26

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	10/06/2022 data	10/11/2022 data	10/19/2022 data	10/26/2022 data
Habitat Conditions Rating	Excellent	Excellent	Excellent	Excellent
Acres of wetlands flooded	2,100	2,365	2,465	2,585
Percentage of Wetlands Frozen	0%	0%	25%	0%

Waterfowl Species Summary:

Species	Number of Birds observed week of 10/06/2022	Number of Birds observed week of 10/11/2022	Number of Birds observed week of 10/19/2022	Number of Birds observed week of 10/26/2022
Greater White-fronted Goose	0	0	0	185
Snow Goose	0	1	10	0
Ross's Goose	0	0	0	0
Canada Goose	62	4	55	144
Trumpeter Swan	0	0	0	3
Tundra Swan	0	0	0	0
Wood Duck	220	60	540	595
Gadwall	0	60	745	4,860
American Wigeon	5	0	0	70
American Black Duck	0	0	0	0
Mallard	0	0	270	650
Blue-winged Teal	6,040	5,165	180	300
Cinnamon Teal	0	0	0	0
Northern Shoveler	10	125	220	85

Species	Number of Birds observed week of 10/06/2022	Number of Birds observed week of 10/11/2022	Number of Birds observed week of 10/19/2022	Number of Birds observed week of 10/26/2022
Northern Pintail	3,250	7,670	5,795	7,110
Green-winged Teal	800	1,700	2,230	9,195
Canvasback	0	0	0	0
Redhead	0	0	0	0
Ring-necked Duck	0	550	3,220	4,690
Scaup	0	10	60	35
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	22	18	38	31
Horned Grebe	0	0	0	0
Eared Grebe	0	0	0	0
American Coot	520	1,470	1,980	3,195

Species Group Summary:

Species Group	Total number of birds observed week of 10/06/2022	Total number of birds observed week of 10/11/2022	Total number of birds observed week of 10/19/2022	Total number of birds observed week of 10/26/2022
Geese	62	5	65	329
Dabblers	10,325	14,775	9,980	22,865
Divers	0	560	3,280	4,725
All Ducks	10,325	15,335	13,260	27,590
Shorebirds	4	1	1	22

Eagles Summary:

Bald Eagles	Total number of birds observed 10/06/2022	Total number of birds observed 10/11/2022	Total number of birds observed 10/19/2022	Total number of birds observed 10/26/2022
Immature				
Adult				
All Eagles	Present	Present	Present	Present