

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

Date: 2022-11-01

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	10/11/2022 data	10/19/2022 data	10/26/2022 data	11/01/2022 data
Habitat Conditions Rating	Excellent	Excellent	Excellent	Excellent
Acres of wetlands flooded	2,365	2,465	2,585	2,700
Percentage of Wetlands Frozen	0%	25%	0%	0%

Waterfowl Species Summary:

Species	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	Number of Birds observed week of 11/01/2022
Greater White-fronted Goose	0	0	185	2,300
Snow Goose	1	10	0	40
Ross's Goose	0	0	0	0
Canada Goose	4	55	144	223
Trumpeter Swan	0	0	3	3
Tundra Swan	0	0	0	0
Wood Duck	60	540	595	70
Gadwall	60	745	4,860	1,760
American Wigeon	0	0	70	90
American Black Duck	0	0	0	0
Mallard	0	270	650	885
Blue-winged Teal	5,165	180	300	445
Cinnamon Teal	0	0	0	0
Northern Shoveler	125	220	85	235

Species	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	Number of Birds observed week of 11/01/2022
Northern Pintail	7,670	5,795	7,110	7,220
Green-winged Teal	1,700	2,230	9,195	5,350
Canvasback	0	0	0	0
Redhead	0	0	0	0
Ring-necked Duck	550	3,220	4,690	3,745
Scaup	10	60	35	350
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	18	38	31	30
Horned Grebe	0	0	0	0
Eared Grebe	0	0	0	0
American Coot	1,470	1,980	3,195	2,610

Species Group Summary:

Species Group	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	Total number of birds observed week of 11/01/2022
Geese	5	65	329	2,563
Dabblers	14,775	9,980	22,865	16,055
Divers	560	3,280	4,725	4,095
All Ducks	15,335	13,260	27,590	20,150
Shorebirds	1	1	22	22

Eagles Summary:

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