

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

Date: 2022-10-19

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	09/19/2022 data	10/06/2022 data	10/11/2022 data	10/19/2022 data
Habitat Conditions Rating	Excellent	Excellent	Excellent	Excellent
Acres of wetlands flooded	1,900	2,100	2,365	2,465
Percentage of Wetlands Frozen	0%	0%	0%	25%

Waterfowl Species Summary:

Species	Number of Birds observed week of 09/19/2022	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
Greater White-fronted Goose	0	0	0	0
Snow Goose	0	0	1	10
Ross's Goose	0	0	0	0
Canada Goose	13	62	4	55
Trumpeter Swan	0	0	0	0
Tundra Swan	0	0	0	0
Wood Duck	140	220	60	540
Gadwall	5	0	60	745
American Wigeon	5	5	0	0
American Black Duck	0	0	0	0
Mallard	10	0	0	270
Blue-winged Teal	3,755	6,040	5,165	180
Cinnamon Teal	0	0	0	0
Northern Shoveler	0	10	125	220

Species	Number of Birds observed week of 09/19/2022	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
Northern Pintail	325	3,250	7,670	5,795
Green-winged Teal	470	800	1,700	2,230
Canvasback	0	0	0	0
Redhead	0	0	0	0
Ring-necked Duck	0	0	550	3,220
Scaup	0	0	10	60
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	6	22	18	38
Horned Grebe	0	0	0	0
Eared Grebe	0	0	0	0
American Coot	65	520	1,470	1,980

Species Group Summary:

Species Group	Total number of birds observed week of 09/19/2022	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
Geese	13	62	5	65
Dabblers	4,710	10,325	14,775	9,980
Divers	0	0	560	3,280
All Ducks	4,710	10,325	15,335	13,260
Shorebirds	14	4	1	1

Eagles Summary:

Bald Eagles	Total number of birds observed 09/19/2022	Total number of birds observed 10/06/2022	Total number of birds observed 10/11/2022	Total number of birds observed 10/19/2022
Immature				
Adult				
All Eagles	Present	Present	Present	Present