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# Birds of the Great Plains: Appendix B -- Abundance and Breeding Status of Birds at Selected Parks and Refuges in the Great Plains

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## APPENDIX B

# Abundance and Breeding Status of Birds at Selected Parks and Refuges in the Great Plains

Species	North Dakota	Minnesota	South Dakota	Nebraska	Kansas	Oklahoma	Texas
Common Loon							
Red-necked grebe	R o	o U	r C	r C	c		
Horned grebe	U o	o U	r C	r C	o		
Eared grebe	C C	O U	C U	u c	A C C	A u C	r o R
Western grebe	C C	U C	C U	u A	C C C	C C C	
Pied-billed grebe	C C	C C	C A	u C	A C C	C r C	
White pelican	c a	c c	u c	o u	C A c	u u c	c u c c u
Double-crested cormorant	c A	u u	U C	r r	C A c	C o a	U u C c r C
Anhinga							R
Buffalo Lake N.W.R.							
Muleshoe N.W.R.							
Wichita N.W.R.							
Salt Plains N.W.R.							
Sequoyah N.W.R.							
Shawnee Creek N.W.R.							
Quivira N.W.R.							
Kirwin N.W.R.							
Film Hills N.W.R.							
Cheyenne Bottoms W.M.A.							
De Soto N.W.R.*							
Niobrara N.W.R.							
Valentine N.W.R.							
Crescent Lake N.W.R.							
Black Hills							
Waubay N.W.R.							
Lacreek N.W.R.							
Sand Lake N.W.R.							
Baldlands N.M.*							
Tamarac N.W.R.*							
Itasca State Park							
Agassiz N.W.R.							
Teewaukon N.W.R.							
Theodore Roosevelt N.R.							
Souris Loop Refugees							
Slade N.W.R.							
Long Lake N.W.R.							
Arrowswood N.W.R.							
Audubon N.W.R.							
Long Lake N.W.R.							
Southern Loop Refugees							
Slade N.W.R.							
Long Lake N.W.R.							
Arrowswood N.W.R.							
Audubon N.W.R.							
Long Lake N.W.R.							
White pelican	c A	c u	U C	r r	C A c	C o a	U u C c r C
Double-crested cormorant	c A	u u	U C	r r	C A c	C o a	U u C c r C
Anhinga							R

	u	o	c	c	U	u	u	C	C	c	C	C	r	O	c	c	a	c	c	C	C	o
	R	r			o	U	o	U	r	o	r	r	r	r	r	U	u	U	U	C	C	u
Great blue heron	u	o	c	c	U	u	u	C	C	c	C	C	r	O	c	c	U	A	o	U	C	u
Green heron	R	r			o	U	o	U	r	o	r	r	r	r	r	U	u	U	U	C	C	u
Little blue heron					o	U	o	U	r	o	r	r	r	r	r	U	u	U	U	C	C	u
Cattle egret					o	U	o	U	r	o	r	r	r	r	r	U	u	U	U	C	C	u
Great egret	r	r	r	r	o	U	o	U	r	o	r	r	r	r	r	U	u	U	U	C	C	u
Snowy egret	r	o	r	r	o	U	o	U	r	o	r	r	r	r	r	U	u	U	U	C	C	u
Black-crowned night heron	R	A	C	C	c	c	c	c	o	r	C	A	C	C	A	A	u	o	a	C	U	C
Yellow-crowned night heron									o							U	u	o	U	u	r	o
Least bittern	r				r				o	U	o	U	o	U	o	U	o	U	o	U	o	U
American bittern	C	o	C	C	U	c	C	C	U	o	U	o	U	o	U	C	U	C	U	o	U	O
<u>White-faced ibis</u>																R						
Trumpeter swan	C	A	C	A	U	c	C	C	U	U	U	U	U	U	U	C	C	C	C	U	C	U
Canada goose	C	A	C	A	c	c	c	c	C	C	C	C	C	C	C	A	A	A	A	C	C	U
Common mallard	C	A	O	R	C	C	U	r	U	o	o	o	o	o	o	T	O	U	R	R	O	O
Black duck	C	A	C	A	C	u	C	C	o	C	C	C	C	C	C	U	C	C	C	U	C	U
Gadwall	C	A	C	A	C	c	C	C	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Northern pintail	C	A	C	A	C	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Green-winged teal	U	C	U	O	U	U	O	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Blue-winged teal	C	A	C	A	C	c	C	A	U	c	C	C	A	A	A	A	A	A	A	C	C	U
Cinnamon teal	R				r				c	A	U	U	U	U	U	U	U	U	U	U	U	U
American wigeon	C	A	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Northern shoveler	C	A	U	A	U	c	C	C	o	C	C	C	C	C	C	C	C	C	C	C	C	C
Wood duck	C	o	U	U	U	U	U	U	C	o	U	U	U	U	U	U	U	U	U	U	U	U
Redhead	U	U	U	C	U	U	C	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Ring-necked duck	R	r	o	o	C	C	c	u	r	o	r	r	r	r	r	r	r	r	r	r	r	r

\*Breeding status is not indicated for Tamarac, Badlands, and Salt Plains; only known breeders are listed for De Soto.

Note: Letters indicate relative abundance: a, abundant; c, common; o, occasional; r, uncommon; u, rare. Upper-case letters signify known breeding at the specified location. Species that are accidental, introduced "pests", or not known to breed in the region are not listed.

Species	North Dakota	Minnesota	South Dakota	Nebraska	Oklahoma	Texas
Canvasback	U	O	O	U	U	U
Lesser scaup	R	C	O	U	O	U
Common goldeneye	r	r	r	o	o	o
Bufflehead	r	o	o	c	o	o
White-winged scoter	c	o	o	r	o	o
Ruddy duck	c	o	c	c	o	o
Hooded merganser	R	u	C	U	o	o
Turkey vulture	o	r	U	u	r	U
Black vulture						
Mississippi kite						
Goshawk		o	o	u	u	u
Sharp-shinned hawk		o	o	o	o	o
Cooper hawk	r	o	U	o	o	o
Red-tailed hawk	c	C	u	C	o	o
Arowwood N.W.R.						
Arduboon N.W.R.						
Long Lake N.W.R.						
Sladde N.W.R.						
Agassiz N.W.R.						
Tammarac N.W.R.*						
Badlands N.M.*						
Black Hills						
Lacreek N.W.R.						
Waubay N.W.R.						
Sand Lake N.W.R.						
Crescent Lake N.W.R.						
Niobrara N.W.R.						
Film Hills N.W.R.						
De Soto N.W.R.*						
Cheyenne Bottoms W.M.A.						
Kirwin N.W.R.						
Quijitra N.W.R.						
Squaw Creek N.W.R.						
Sequoia N.W.R.						
Salt Plains N.W.R.						
Tishomingo N.W.R.						
Wichita N.W.R.						
Buffalo Lake N.W.R.						
Muleshoe N.W.R.						

Red-shouldered hawk			r	o									O	O	
Broad-winged hawk			r	c	o								u	U	
- Swainson hawk	U	o	o	U	R	u							R		
- Ferruginous hawk		O	O	o	o	o							o	U	
Harris hawk															o
Golden eagle	r														
Bald eagle	C	u	C	C	C	C	o	u	u	C	R	C	C	o	C
- Marsh hawk	o									o	r	r			
- Osprey	r	r	o		R		r	c	u	u	r	U	r		r
- Prairie falcon										u	o	R	r		r
Peregrine falcon										r	o	R	r		o
Merlin	o			R						o	o	R	r		
American kestrel	R	o	o	C	U	C	c	u	c	U	U	u	r	c	O
Spruce grouse							r	r							
Ruffed grouse							C	c	c						r
- Pinnated grouse	C	C	C	C	R	r	r	c	o	R	C	C	A		
- Sharp-tailed grouse	C	C	C	C	C	C	r	c	o	r	C	C	A	A	C
Bobwhite										r	U	r	A	C	C
Scalped quail	U	C	C	U	C	r	r	u	A	C	U	A	C	A	C
Ring-necked pheasant	U	C	C	U	C	V	U	u	r	U	r	U	C	A	C
Gray partridge	C	C	U	C	C	V	U	u	r	U	r	U	C	A	C
Wild turkey										C	C	C	r		
King rail	r	U	O	U	U	C	u	U	U	r	C	C	U	U	R
Virginia rail	C	C	C	U	C	U	c	c	u	C	U	r	O	o	r
Sora	r									r	O	U	U	o	r
Yellow rail															
Black rail													r	r	
Common gallinule	C	C	C	C	C	A	u	u	c	C	r	C	U	U	
American coot	U	O	U	R	o	r				U	o	O	C	o	O
Piping plover															
Snowy plover	U	A	C	A	C	C	C	C	C	C	C	A	a	C	C
Killdeer															

Species	North America										Europe	
	North America			Central America			South America			Europe		
	North America	Central America	South America	North America	Central America	South America	North America	Central America	South America	North America	Europe	
American woodcock	U	o	o	o	o	o	o	o	o	o	o	
Common snipe	c	c	c	c	c	c	c	c	c	c	o	
Long-billed curlew	c	c	c	c	c	c	c	c	c	c	o	
Upland sandpiper	U	A	C	C	C	R	A	C	C	C	o	
Spotted sandpiper	U	U	C	C	C	O	O	C	C	C	o	
Willet	U	C	C	C	C	O	C	C	C	C	o	
Marbled godwit	U	C	C	O	C	U	U	C	C	C	o	
American avocet	U	C	C	C	C	U	U	C	C	C	o	
Black-necked stilt	U	A	C	U	C	O	U	U	A	C	o	
Wilson phalarope	U	O	O	O	O	O	O	O	O	O	o	
California gull	c	c	c	c	c	c	c	c	c	c	o	
Ring-billed gull	c	c	c	c	c	c	c	c	c	c	o	
Franklin gull	U	C	C	C	C	O	O	O	O	O	o	
Forsier tern	U	O	O	O	O	O	O	O	O	O	o	
Buffalo Lake N.W.R.	Texas										Muleshoe N.W.R.	
Seguoyah N.W.R.	Oklahoma										Whitehouse N.W.R.	
Salt Plains N.W.R.	Missouri										Tishomingo N.W.R.	
Squaw Creek N.W.R.	Kansas										Wichita N.W.R.	
Quivira N.W.R.	Cheyenne Bottoms W.M.A.										Buffalo Lake N.W.R.	
Kirwin N.W.R.	De Soto N.W.R.*										Seguoyah N.W.R.	
Flinn Hills N.W.R.	Valentine N.W.R.										Niobrara N.W.R.	
Black Hills N.W.R.	Niobrara N.W.R.										Crescent Lake N.W.R.	
Waubay N.W.R.	Sand Lake N.W.R.										De Soto N.W.R.*	
Lacreek N.W.R.	Crescent Lake N.W.R.										De Soto N.W.R.*	
Black Hills N.W.R.	Black Hills N.W.R.										Cheyenne Bottoms W.M.A.	
Waubay N.W.R.	Cheyenne Bottoms W.M.A.										Seguoyah N.W.R.	
Lacreek N.W.R.	De Soto N.W.R.*										Niobrara N.W.R.	
Black Hills N.W.R.	Niobrara N.W.R.										De Soto N.W.R.*	
Waubay N.W.R.	De Soto N.W.R.*										Crescent Lake N.W.R.	
Lacreek N.W.R.	Crescent Lake N.W.R.										De Soto N.W.R.*	
Black Hills N.W.R.	De Soto N.W.R.*										Niobrara N.W.R.	
Waubay N.W.R.	De Soto N.W.R.*										Crescent Lake N.W.R.	
Lacreek N.W.R.	De Soto N.W.R.*										De Soto N.W.R.*	
Black Hills N.W.R.	De Soto N.W.R.*										Niobrara N.W.R.	
Waubay N.W.R.	De Soto N.W.R.*										Crescent Lake N.W.R.	
Lacreek N.W.R.	De Soto N.W.R.*										De Soto N.W.R.*	
Black Hills N.W.R.	De Soto N.W.R.*										Niobrara N.W.R.	
Waubay N.W.R.	De Soto N.W.R.*										Crescent Lake N.W.R.	
Lacreek N.W.R.	De Soto N.W.R.*										De Soto N.W.R.*	
Black Hills N.W.R.	De Soto N.W.R.*										Niobrara N.W.R.	
Waubay N.W.R.	De Soto N.W.R.*										Crescent Lake N.W.R.	
Lacreek N.W.R.	De Soto N.W.R.*										De Soto N.W.R.*	
Black Hills N.W.R.	De Soto N.W.R.*										Niobrara N.W.R.	
Waubay N.W.R.	De Soto N.W.R.*										Crescent Lake N.W.R.	
Lacreek N.W.R.	De Soto N.W.R.*										De Soto N.W.R.*	
Black Hills N.W.R.	De Soto N.W.R.*										Niobrara N.W.R.	
Waubay N.W.R.	De Soto N.W.R.*										Crescent Lake N.W.R.	
Lacreek N.W.R.	De Soto N.W.R.*										De Soto N.W.R.*	
Black Hills N.W.R.	De Soto N.W.R.*										Niobrara N.W.R.	
Waubay N.W.R.	De Soto N.W.R.*										Crescent Lake N.W.R.	
Lacreek N.W.R.	De Soto N.W.R.*										De Soto N.W.R.*	
Black Hills N.W.R.	De Soto N.W.R.*										Niobrara N.W.R.	
Waubay N.W.R.	De Soto N.W.R.*										Crescent Lake N.W.R.	
Lacreek N.W.R.	De Soto N.W.R.*										De Soto N.W.R.*	
Black Hills N.W.R.	De Soto N.W.R.*										Niobrara N.W.R.	
Waubay N.W.R.	De Soto N.W.R.*										Crescent Lake N.W.R.	
Lacreek N.W.R.	De Soto N.W.R.*										De Soto N.W.R.*	
Black Hills N.W.R.	De Soto N.W.R.*										Niobrara N.W.R.	
Waubay N.W.R.	De Soto N.W.R.*										Crescent Lake N.W.R.	
Lacreek N.W.R.	De Soto N.W.R.*										De Soto N.W.R.*	
Black Hills N.W.R.	De Soto N.W.R.*										Niobrara N.W.R.	
Waubay N.W.R.	De Soto N.W.R.*										Crescent Lake N.W.R.	
Lacreek N.W.R.	De Soto N.W.R.*										De Soto N.W.R.*	
Black Hills N.W.R.	De Soto N.W.R.*										Niobrara N.W.R.	
Waubay N.W.R.	De Soto N.W.R.*										Crescent Lake N.W.R.	
Lacreek N.W.R.	De Soto N.W.R.*										De Soto N.W.R.*	
Black Hills N.W.R.	De Soto N.W.R.*										Niobrara N.W.R.	
Waubay N.W.R.	De Soto N.W.R.*										Crescent Lake N.W.R.	
Lacreek N.W.R.	De Soto N.W.R.*										De Soto N.W.R.*	
Black Hills N.W.R.	De Soto N.W.R.*										Niobrara N.W.R.	
Waubay N.W.R.	De Soto N.W.R.*										Crescent Lake N.W.R.	
Lacreek N.W.R.	De Soto N.W.R.*										De Soto N.W.R.*	
Black Hills N.W.R.	De Soto N.W.R.*										Niobrara N.W.R.	
Waubay N.W.R.	De Soto N.W.R.*										Crescent Lake N.W.R.	
Lacreek N.W.R.	De Soto N.W.R.*										De Soto N.W.R.*	
Black Hills N.W.R.	De Soto N.W.R.*										Niobrara N.W.R.	
Waubay N.W.R.	De Soto N.W.R.*										Crescent Lake N.W.R.	
Lacreek N.W.R.	De Soto N.W.R.*										De Soto N.W.R.*	
Black Hills N.W.R.	De Soto N.W.R.*										Niobrara N.W.R.	
Waubay N.W.R.	De Soto N.W.R.*										Crescent Lake N.W.R.	
Lacreek N.W.R.	De Soto N.W.R.*										De Soto N.W.R.*	
Black Hills N.W.R.	De Soto N.W.R.*										Niobrara N.W.R.	
Waubay N.W.R.	De Soto N.W.R.*										Crescent Lake N.W.R.	
Lacreek N.W.R.	De Soto N.W.R.*										De Soto N.W.R.*	
Black Hills N.W.R.	De Soto N.W.R.*										Niobrara N.W.R.	
Waubay N.W.R.	De Soto N.W.R.*										Crescent Lake N.W.R.	
Lacreek N.W.R.	De Soto N.W.R.*										De Soto N.W.R.*	
Black Hills N.W.R.	De Soto N.W.R.*										Niobrara N.W.R.	
Waubay N.W.R.	De Soto N.W.R.*										Crescent Lake N.W.R.	
Lacreek N.W.R.	De Soto N.W.R.*										De Soto N.W.R.*	
Black Hills N.W.R.	De Soto N.W.R.*										Niobrara N.W.R.	
Waubay N.W.R.	De Soto N.W.R.*										Crescent Lake N.W.R.	
Lacreek N.W.R.	De Soto N.W.R.*										De Soto N.W.R.*	
Black Hills N.W.R.	De Soto N.W.R.*										Niobrara N.W.R.	
Waubay N.W.R.	De Soto N.W.R.*										Crescent Lake N.W.R.	
Lacreek N.W.R.	De Soto N.W.R.*										De Soto N.W.R.*	
Black Hills N.W.R.	De Soto N.W.R.*										Niobrara N.W.R.	
Waubay N.W.R.	De Soto N.W.R.*										Crescent Lake N.W.R.	
Lacreek N.W.R.	De Soto N.W.R.*										De Soto N.W.R.*	
Black Hills N.W.R.	De Soto N.W.R.*										Niobrara N.W.R.	
Waubay N.W.R.	De Soto N.W.R.*										Crescent Lake N.W.R.	
Lacreek N.W.R.	De Soto N.W.R.*										De Soto N.W.R.*	
Black Hills N.W.R.												

Common tern	A	U	O	U	U	U	U	U	r	C	U	o	r	U		
Least tern	U	A	U	O	C	c	C	C	U	C	a	o	r	U		
Black tern	C	C	C	A	C	C	C	C	C	A	u	o	o	U		
Mourning dove	U	U	O	O	U	U	U	U	O	C	A	A	A	A		
Yellow-billed cuckoo	U	U	O	O	U	U	U	U	O	C	U	A	C	C		
Black-billed cuckoo	Barn Owl	T	O	U	U	C	U	C	U	O	C	U	A	U		
Roadrunner	Great horned owl	r	O	r	R	R	U	r	c	U	U	U	O	C		
• Burrowing owl	Barred owl	R	U	O	R	R	O	r	U	C	C	A	C	C		
Long-eared owl	• Short-eared owl	U	U	R	r	U	o	U	U	U	U	O	C	C		
Saw-whet owl	Chuck-will's-widow	•	Poor-will	Common nighthawk	Chimney swift	White-throated swift	Ruby-throated hummingbird	Belted kingfisher	Common flicker	Pileated woodpecker	Red-bellied woodpecker	Red-headed woodpecker	Lewis woodpecker	Yellow-bellied sapsucker	Hairy woodpecker	Downy woodpecker
•	Whip-poor-will	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
•	Poor-will	u	o	u	R	C	o	u	c	U	U	A	o	C	c	c
Common nighthawk	Chimney swift	r	r	o	U	U	c	U	U	C	c	U	A	o	C	c
Chimney swift	White-throated swift	r	o	r	o	u	c	U	U	C	c	U	A	o	C	c
White-throated swift	Ruby-throated hummingbird	r	o	r	R	o	u	U	c	U	U	U	U	U	U	U
Ruby-throated hummingbird	Belted kingfisher	u	r	r	R	o	u	c	c	U	U	U	U	U	U	U
Belted kingfisher	Common flicker	C	U	u	U	C	C	C	C	O	C	C	A	C	C	C
Common flicker	Pileated woodpecker	r	C	U	U	C	C	C	C	O	C	C	A	C	C	C
Pileated woodpecker	Red-bellied woodpecker	r	R	R	U	U	o	U	r	U	U	A	C	C	C	C
Red-bellied woodpecker	Red-headed woodpecker	R	r	R	R	U	U	o	U	U	U	U	U	U	U	U
Red-headed woodpecker	Lewis woodpecker	u	u	O	R	U	U	U	U	U	U	U	U	U	U	U
Lewis woodpecker	Yellow-bellied sapsucker	C	u	O	U	C	U	C	U	C	U	C	U	U	U	U
Yellow-bellied sapsucker	Hairy woodpecker	C	u	O	U	C	U	C	U	C	U	C	U	U	U	U
Hairy woodpecker	Downy woodpecker	C	u	O	U	C	U	C	U	C	U	C	U	U	U	U



Acadian flycatcher	U	O	A	O	U	r	u	O	C	U	C	U	U	o	o
Willow flycatcher	U	O	C	R	O	c	c	C	u	r	C	C	C	o	u
Least flycatcher	U	O	C	R	O	c	c	C	u	r	C	C	C	o	u
Dusky flycatcher															
Western flycatcher		O	O	c	C	u	o	C	C	r	C	u	C	o	u
Eastern wood pewee		O	O	c	C	u	o	C	C	r	C	u	C	o	u
Western wood pewee															
Olive-sided flycatcher															
Vermilion flycatcher															
Horned lark	C	C	C	U	C	C	u	r	o	c	C	C	C	C	o
Violet-green swallow	U	U	O	U	U	C	c	u	U	O	r	r	u	O	U
Tree swallow	C	O	U	C	U	C	U	C	u	u	r	o	U	a	o
Bank swallow	U	U	O	U	U	T	C	o	C	C	r	o	U	a	o
Rough-winged swallow	C	C	C	C	C	C	C	c	C	A	C	C	U	a	u
Barn swallow	C	O	C	U	A	U	C	C	C	A	C	C	C	a	U
Cliff swallow	U	U	r	O	C	u	U	C	U	C	A	O	a	r	o
Purple martin															
Gray jay	U	O	O	O	U	O	o	C	c	u	U	C	C	C	C
Blue jay	U	r	C	C	r	c	r	c	o	o	C	r	U	a	C
Black-billed magpie															
White-necked raven	U	O	u	U	U	C	O	C	C	c	U	U	r	C	U
American crow															
Fish crow															
Pinyon jay															
Black-capped chickadee	U	U	C	C	u	c	c	c	R	C	A	C	o	C	U
Carolina chickadee															
Boreal chickadee															
Tufted titmouse															
White-breasted nuthatch		C	R	o	u	C	c	c	R	C	A	U	C	C	C
Red-breasted nuthatch		O	O	C	O	c	c	c	C	C	C	U	C	c	C
Pygmy nuthatch															
Brown creeper	U	U	C	o	U	C	c	c	R	A	c	C	C	c	U

Species	North Dakota	Minnesota	South Dakota	Nebraska	Kansas	Oklahoma	Texas
Dipper							
House wren	U	U	U	C	C	U	C
Bewick wren							
Winter wren							
Carolina wren	U	C	R	C	C	U	A
Long-billed marsh wren	U	O	C	O	C	C	C
Short-billed marsh wren							
Canyon wren							
Rock wren	C		c		c		U
Northern mockingbird	C	O	U	I	o	r	A
Gray catbird	C	C	U	C	C	U	C
Brown thrasher	I		U	U	U	C	C
Sage thrasher							
American robin	C	U	U	O	C	C	A

Wood thrush		r u		U	U O	o
Hermit thrush		c c				
Swainson thrush		u u u				
Veery	R	R o u C c	U u	U U o	U C c o	U o
Eastern bluebird	R	O O u o	U u	U U o	U R U	C o c U C c o
Mountain bluebird		C	c	C	C	C u o
Townsend solitaire		o		c r	r	u
Blue-gray gnatcatcher			R		A	c U C c C U r o
Golden-crowned kinglet		o C o		U		
Ruby-crowned kinglet		u r	r	R r		o
Sprague pipit	U o u	C				
Cedar waxwing	U r r	C	o c C u	u o U U o	U	U
Loggerhead shrike	R o O	U C o	r c u o u o	C C C o	C C o	c C o o C
Black-capped vireo						r
White-eyed vireo						c
Bell vireo			u	o	r r u	r C r
Yellow-throated vireo		o	r U o	r	u C u	c
Solitary vireo			c	c	o A	c
Red-eyed vireo	u	R C C o u C c	c	o C	U C R	u C O u c u
Philadelphia vireo	r	r O r	c U C U u	r	c o	c o
Warbling vireo	U	C C C U C U C	U C u C	C A U C	c C O u r	r
Black-and-white warbler		O C u C o	r	u	U	u R U o o u
Prothonotary warbler						o
Swainson warbler						u
Worm-eating warbler						
Golden-winged warbler						
Blue-winged warbler						r
Tennessee warbler						u
Nashville warbler						
Northern parula						
Yellow warbler	C C C O C C C U	c c C C C C A O	c c C C C o	c c C C C o	c c C C C o	o
Magnolia warbler						

Species	North Dakota	Minnesota	South Dakota	Nebraska	Oklahoma	Texas
Autowood N.W.R.						Muleshoe N.W.R.
Audubon N.W.R.						Buffalo Lake N.W.R.
Long Lake N.W.R.						Wichita N.W.R.
Slate N.W.R.						Tishomingo N.W.R.
Seguoyah N.W.R.						Salt Plains N.W.R.
Missouri						Sequoyah N.W.R.
Squaw Creek N.W.R.						Wichita N.W.R.
Quivira N.W.R.						Wichita N.W.R.
Kirwin N.W.R.						Wichita N.W.R.
Flint Hills N.W.R.						Wichita N.W.R.
Cheyenne Bottoms W.M.A.						Wichita N.W.R.
De Soto N.W.R.*						Wichita N.W.R.
Valentine N.W.R.						Wichita N.W.R.
Niobrara N.W.R.						Wichita N.W.R.
Waubay N.W.R.						Wichita N.W.R.
Black Hills						Wichita N.W.R.
Crescent Lake N.W.R.						Wichita N.W.R.
Sand Lake N.W.R.						Wichita N.W.R.
Lacreek N.W.R.						Wichita N.W.R.
Baldlands N.M.*						Wichita N.W.R.
Tamarec N.W.R.*						Wichita N.W.R.
Itasca State Park						Wichita N.W.R.
Agassiz N.W.R.						Wichita N.W.R.
Teewaukon N.W.R.						Wichita N.W.R.
Souris Loop Refugees						Wichita N.W.R.
Slade N.W.R.						Wichita N.W.R.
Long Lake N.W.R.						Wichita N.W.R.
Audubon N.W.R.						Wichita N.W.R.
Arrowswood N.W.R.						Wichita N.W.R.
						Wichita N.W.R.
Cape May warbler						Wichita N.W.R.
Black-throated blue warbler						Wichita N.W.R.
Yellow-rumped warbler						Wichita N.W.R.
Black-throated green warbler						Wichita N.W.R.
Cerulean warbler						Wichita N.W.R.
Blackburnian warbler						Wichita N.W.R.
Yellow-throated warbler						Wichita N.W.R.
Chestnut-sided warbler						Wichita N.W.R.
Bay-breasted warbler						Wichita N.W.R.
Pine warbler						Wichita N.W.R.
Palm warbler						Wichita N.W.R.
Ovenbird						Wichita N.W.R.





Henslow sparrow	R	U	o	C	U	U	C	U	R
Sharp-tailed sparrow	U	C	U	O	C	C	C	A	U
Vesper sparrow	U	O	O	C	U	O	O	C	U
Lark sparrow	U	O	O	C	U	O	O	C	U
Rufous-crowned sparrow									
Cassin sparrow	C	U	O	U	C	o	R	r	u
Dark-eyed junco	C	O	A	C	U	C	c	c	u
Chipping sparrow	C	C	O	A	C	U	c	c	u
Clay-colored sparrow									
Brewer sparrow									
Field sparrow									
White-throated sparrow	r								
Swamp sparrow	C	O	C	O	C	C	C	C	o
Song sparrow									
McCown longspur	U	C	C	C	O	O	C	U	o
Chestnut-collared longspur									

20% 10% 5%