

Relay - NW

Common Name	2002-06 Atlas				1983-87 Atlas				1973-75 Atlas						
	Status	1	2	3	4	Status	1	2	3	4	Status	1	2	3	4
Double-crested Cormorant	O				x										
American Bittern						O	x								
Least Bittern											PO				x
Great Blue Heron	O	x	x	x	x	O					PO	x	x		x
Great Egret	O				x										
Green Heron	CO		x	x	x	PO	x	x	x	x	CO	x	x	x	x
Black-crowned Night-Heron	O	x	x		x						CO	x	x	x	x
Yellow-crowned Night-Heron	O		x	x											
Glossy Ibis	O				x										
Black Vulture	CO	x	x	x	x	PO	x		x						
Turkey Vulture	CO	x	x	x	x	PO					PR	x	x	x	x
Canada Goose	CO	x	x	x	x	PO			x						
Wood Duck	CO	x	x	x	x	CO	x		x	x	CO	x	x	x	x
American Black Duck											CO			x	
Mallard	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Hooded Merganser	PO				x										
Osprey	O	x			x	x									
Bald Eagle	O				x										
Northern Harrier											PO			x	
Cooper's Hawk	CO	x	x		x						PO			x	
Red-shouldered Hawk	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Broad-winged Hawk						PO	x		x		CO	x		x	x
Red-tailed Hawk	CO	x	x	x	x	PO	x				CO	x	x	x	x
American Kestrel	PR				x	PR		x	x		CO	x	x	x	x
Ring-necked Pheasant	PO	x	x		x	PR	x		x						
Wild Turkey	PO	x			x										
Northern Bobwhite						CO	x	x	x	x	CO	x	x	x	x
Virginia Rail											CO			x	
Killdeer			x	x	x	CO	x		x	x	CO	x	x	x	x
Spotted Sandpiper	PO				x										
American Woodcock	PR	x	x		x	PR			x	x	CO			x	x
Least Tern	O				x										
Rock Pigeon	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Mourning Dove	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Yellow-billed Cuckoo	CO	x	x	X	x	PO	x		x		PR	x	x	x	x
Barn Owl											CO				
Eastern Screech-Owl	CO	x	X	x		PR	x		x	x					
Great Horned Owl	PR	x			x	CO	x		x	x	CO	x	x	x	x
Barred Owl	CO	x	x	x	x	PR	x		x	x	CO	x	x	x	x
Common Nighthawk	PO	X				PO		x	x		PO	x	x	x	x
Chimney Swift	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Ruby-throated Hummingbird	CO	x	x	x	x	PO	x		x	x	PR	x	x	x	x
Belted Kingfisher	CO	x	x	x	x	CO	x		x	x	CO	x	x	x	x
Red-headed Woodpecker											CO	x	x	x	
Red-bellied Woodpecker	CO	x	x	x	x	PR	x	x	x	x	CO	x	x	x	x
Downy Woodpecker	CO	x	x	x	x	PR	x	x	x	x	CO	x	x	x	x
Hairy Woodpecker	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Northern Flicker	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Pileated Woodpecker	CO	x	x	x	x	PR	x		x	x	CO	x	x	x	x
Eastern Wood-Pewee	CO	x	x	x	x	PR	x	x	x	x	PR	x	x	x	x
Acadian Flycatcher	CO	x	x	x	x	PR	x	x	x	x	CO	x	x	x	x
Willow Flycatcher	CO	X			x	PR			x	x	PR	x	x	x	x
Eastern Phoebe	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Great Crested Flycatcher	CO	x	x	x	x	PO	x	x	x	x	CO	x	x	x	x
Eastern Kingbird	CO	x	x	x	x	PR	x	x	x	x	CO	x	x	x	x
White-eyed Vireo	CO	x	x	x	x	PR	x	x	x	x	CO	x	x	x	x
Yellow-throated Vireo	CO	x			x	PR	x		x		PO	x	x	x	x
Warbling Vireo	CO	x	x	x	x	PR	x		x		PR	x		x	
Red-eyed Vireo	CO	x	x	x	x	PR	x	x	x	x	CO	x	x	x	x
Blue Jay	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
American Crow	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Fish Crow	CO	x	x	x	x	PO				x	PO				x
Horned Lark						PO			x		CO			x	x

Purple Martin	CO				x	x				CO			x		CO				x
Tree Swallow	CO	x	x	x	x										PO		x	x	x
Northern Rough-winged	CO	x	x	x	x					CO	x		x	x	CO	x	x	x	x
Bank Swallow	O				x										CO	x	x	x	x
Barn Swallow	CO	x	x	x	x					CO	x	x	x	x	CO	x	x	x	x
Carolina Chickadee	CO	x	x	x	x					CO	x	x	x	x	CO	x	x	x	x
Tufted Titmouse	CO	x	x	x	x					CO	x	x	x	x	CO	x	x	x	x
White-breasted Nuthatch	CO	x	x	x	x					PR		x	x		PO		x	x	x
Brown Creeper	PO				x										PR				x
Carolina Wren	CO	x	x	x	x					CO	x	x	x	x	CO	x	x	x	x
House Wren	CO	x	x	x	x					PR	x	x	x	x	CO	x	x	x	x
Blue-gray Gnatcatcher	CO	x	x	x	x					CO	x	x	x	x	CO	x	x	x	x
Eastern Bluebird	CO	x	x	x	x					CO	x				CO	x	x	x	x
Veery	PR	x			x	x				PR	x				PR	x	x	x	x
Wood Thrush	CO	x	x	x	x					CO	x	x	x	x	CO	x	x	x	x
American Robin	CO	x	x	x	x					CO	x	x	x	x	CO	x	x	x	x
Gray Catbird	CO	x	x	x	x					CO	x	x	x	x	CO	x	x	x	x
Northern Mockingbird	CO	x	x	x	x					CO	x	x	x	x	CO	x	x	x	x
Brown Thrasher	CO	x	x	x	x					CO	x	x	x	x	CO	x	x	x	x
European Starling	CO	x	x	x	x					CO	x	x	x	x	CO	x	x	x	x
Cedar Waxwing	CO	x	x			x				PO		x			PO				x
Blue-winged Warbler															PO				x
Northern Parula	PR	x			x	x				PR	x			x	CO	x	x	x	
Yellow Warbler	CO				x					CO	x	x	x	x	CO	x	x	x	x
Yellow-throated Warbler	PO	x			x	x									PR				x
Pine Warbler	PO				x										PO				x
Prairie Warbler	CO	x								CO					PR				x
Cerulean Warbler										PO	x				PR	x	x	x	
Black-and-white Warbler	PR	x			x	x				PR					PR				x
American Redstart	CO	x	x		x	x				PR	x			x	CO	x	x	x	x
Prothonotary Warbler	CO	x			x	x									CO				x
Worm-eating Warbler	PR	x								PR	x				PO				x
Ovenbird	CO	x			x					PR	x	x			CO	x	x	x	
Louisiana Waterthrush	CO	x			x	x				CO	x				CO	x	x	x	x
Kentucky Warbler	PR	x			x					PR	x				CO	x	x	x	x
Common Yellowthroat	CO	x	x		x	x				CO	x	x	x	x	CO	x	x	x	x
Hooded Warbler	PR	x			x					PR	x				PR	x	x	x	x
Yellow-breasted Chat	CO	x			x	x				PO	x				PR	x	x	x	x
Summer Tanager															PO				x
Scarlet Tanager	CO	x			x	x				CO	x	x	x	x	PR	x	x	x	x
Eastern Towhee	CO	x	x		x	x				CO	x	x	x	x	CO	x	x	x	x
Chipping Sparrow	CO	x	x		x	x				PR	x	x	x	x	CO	x	x	x	x
Field Sparrow	CO	x	x		x					PO					PR	x	x	x	x
Vesper Sparrow															PR				x
Grasshopper Sparrow										PR					PR				x
Henslow's Sparrow															PO				x
Song Sparrow	CO	x	x		x	x				CO	x	x	x	x	CO	x	x	x	x
Swamp Sparrow	PO					x									PO				x
Northern Cardinal	CO	x	x		x	x				CO	x	x	x	x	CO	x	x	x	x
Blue Grosbeak	CO	x	x		x	x				PR	x								
Indigo Bunting	CO	x	x		x	x				PR	x	x	x	x	CO	x	x	x	x
Red-winged Blackbird	CO	x	x		x	x				CO	x	x	x	x	CO	x	x	x	x
Eastern Meadowlark	PO					x				PR					CO	x	x	x	x
Common Grackle	CO	x	x		x	x				CO	x	x	x	x	CO	x	x	x	x
Brown-headed Cowbird	CO	x	x		x	x				PR	x				CO	x	x	x	x
Orchard Oriole	CO	x	x			x				CO					PR				x
Baltimore Oriole	CO	x	x			x				CO	x				CO	x	x	x	x
House Finch	CO	x	x			x				CO	x	x	x	x	CO	x	x	x	x
American Goldfinch	CO	x	x			x				PR	x	x	x	x	CO	x	x	x	x
House Sparrow	CO	x	x			x				CO	x	x	x	x	CO	x	x	x	x

The number and name of the Howard County block is shown on the upper left corner. For each bird, there are columns for the current 2002-2006 atlas, the 1983-1987 atlas and the 1973-1975 atlas. Each column shows status (breeding category), and quarterblocks where the bird was found. In each atlas, the highest category of breeding evidence for the block was assigned to each quarter-. The species was mapped only for those quarter-blocks in which detected.

These are the breeding categories used: **2002-2006 RESULTS**
 O - Observed PO - Possible PR - Probable CO - Confirmed
 January 23, 2007

2002-2006 RESULTS IN AOU SUPP 45 ORDER

These are the breeding categories used:
 O - Observed PO - Possible PR - Probable CO – Confirmed
 January 23, 2007

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Relay - NW

Common Name	2002-06 Atlas				1983-87 Atlas				1973-75 Atlas						
	Status	1	2	3	4	Status	1	2	3	4	Status	1	2	3	4
Canada Goose	CO	x	x	x	x	PO			x						
Wood Duck	CO	x	x	x	x	CO	x		x	x	CO	x	x	x	x
American Black Duck											CO			x	
Mallard	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Hooded Merganser	PO				x										
Ring-necked Pheasant	PO	x	x		x	PR	x		x						
Wild Turkey	PO	x			x										
Northern Bobwhite						CO	x	x	x	x	CO	x	x	x	x
Double-crested Cormorant	O				x										
American Bittern						O	x								
Least Bittern											PO				x
Great Blue Heron	O	x	x	x	x	O					PO	x	x		x
Great Egret	O				x										
Green Heron	CO		x	x	x	PO	x	x	x	x	CO	x	x	x	x
Black-crowned Night-Heron	O	x	x		x						CO	x	x	x	x
Yellow-crowned Night-Heron	O		x	x											
Glossy Ibis	O				x										
Black Vulture	CO	x	x	x	x	PO	x		x						
Turkey Vulture	CO	x	x	x	x	PO					PR	x	x	x	x
Osprey	O	x		x	x										
Bald Eagle	O				x										
Northern Harrier											PO			x	
Cooper's Hawk	CO	x	x		x						PO			x	
Red-shouldered Hawk	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Broad-winged Hawk						PO	x		x		CO	x		x	x
Red-tailed Hawk	CO	x	x	x	x	PO	x				CO	x	x	x	x
American Kestrel	PR				x	PR	x	x			CO	x	x	x	x
Virginia Rail											CO			x	
Killdeer	CO		x	x	x	CO	x		x	x	CO	x	x	x	x
Spotted Sandpiper	PO				x										
American Woodcock	PR	x	x		x	PR			x	x	CO			x	x
Least Tern	O				x										
Rock Pigeon	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Mourning Dove	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Yellow-billed Cuckoo	CO	x	x	x	x	PO	x		x		PR	x	x	x	x
Barn Owl											CO			x	x
Eastern Screech-Owl	CO	x	x	x		PR	x		x	x					
Great Horned Owl	PR	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Barred Owl	CO	x	x	x	x	PR	x		x	x	CO	x	x	x	x
Common Nighthawk	PO	X				PO		x	x		PO	x	x	x	x
Chimney Swift	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Ruby-throated Hummingbird	CO	x	x	x	x	PO	x		x	x	PR	x	x	x	x
Belted Kingfisher	CO	x	x	x	x	CO	x		x	x	CO	x	x	x	x
Red-headed Woodpecker											CO			x	x
Red-bellied Woodpecker	CO	x	x	x	x	PR	x	x	x	x	CO	x	x	x	x
Downy Woodpecker	CO	x	x	x	x	PR	x	x	x	x	CO	x	x	x	x
Hairy Woodpecker	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Northern Flicker	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Pileated Woodpecker	CO	x	x	x	x	PR	x		x	x	CO	x	x	x	x
Eastern Wood-Pewee	CO	x	x	x	x	PR	x	x	x	x	PR	x	x	x	x
Acadian Flycatcher	CO	x	x	x	x	PR	x	x	x	x	CO	x	x	x	x
Willow Flycatcher	CO	X			x	PR			x	x	PR	x	x	x	x
Eastern Phoebe	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Great Crested Flycatcher	CO	x	x	x	x	PO	x	x	x	x	CO	x	x	x	x
Eastern Kingbird	CO	x	x	x	x	PR	x	x	x	x	CO	x	x	x	x
White-eyed Vireo	CO	x	x	x	x	PR	x	x	x	x	CO	x	x	x	x
Yellow-throated Vireo	CO	x			x	PR	x		x		PO			x	x
Warbling Vireo	CO	x	x	x	x	PR	x		x		PR			x	x
Red-eyed Vireo	CO	x	x	x	x	PR	x	x	x	x	CO	x	x	x	x

Blue Jay	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
American Crow	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Fish Crow	CO	x	x	x	x	PO				x	PO				x
Horned Lark						PO				x	CO			x	x
Purple Martin	CO				x	CO				x	CO				x
Tree Swallow	CO	x	x	x	x						PO			x	x
Northern Rough-winged	CO	x	x	x	x	CO	x		x	x	CO	x	x	x	x
Bank Swallow	O				x						CO	x	x	x	x
Barn Swallow	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Carolina Chickadee	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Tufted Titmouse	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
White-breasted Nuthatch	CO	x	x	x	x	PR				x	PO			x	x
Brown Creeper	PO				x						PR				x
Carolina Wren	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
House Wren	CO	x	x	x	x	PR	x	x	x	x	CO	x	x	x	x
Blue-gray Gnatcatcher	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Eastern Bluebird	CO	x	x	x	x	CO	x			x	CO	x	x	x	x
Veery	PR	x			x	PR	x			x	PR	x			x
Wood Thrush	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
American Robin	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Gray Catbird	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Northern Mockingbird	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Brown Thrasher	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
European Starling	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Cedar Waxwing	CO	x	x		x	PO				x	PO				x
Blue-winged Warbler											PO				x
Northern Parula	PR	x			x	PR	x			x	CO			x	x
Yellow Warbler	CO				x	CO	x	x	x	x	CO	x	x	x	x
Yellow-throated Warbler	PO	x			x					x	PR				x
Pine Warbler	PO				x						PO			x	x
Prairie Warbler	CO	x									CO			x	
Cerulean Warbler						PO	x			x	PR			x	x
Black-and-white Warbler	PR	x			x	PR				x	PR				x
American Redstart	CO	x	x	x	x	PR	x			x	CO	x	x	x	x
Prothonotary Warbler	CO	x			x						CO			x	x
Worm-eating Warbler	PR	x				PR	x			x	PO			x	x
Ovenbird	CO	x			x	PR	x	x	x	x	CO	x	x	x	x
Louisiana Waterthrush	CO	x			x	CO	x			x	CO	x	x	x	x
Kentucky Warbler	PR	x			x	PR	x			x	CO	x	x	x	x
Common Yellowthroat	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Hooded Warbler	PR	x			x	PR	x			x	PR			x	x
Yellow-breasted Chat	CO	x			x	PO	x			x	PR			x	x
Summer Tanager											PO				x
Scarlet Tanager	CO	x			x	CO	x	x	x	x	PR			x	x
Eastern Towhee	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Chipping Sparrow	CO	x	x	x	x	PR	x	x	x	x	CO	x	x	x	x
Field Sparrow	CO	x	x		x	PO				x	PR			x	x
Vesper Sparrow											PR			x	
Grasshopper Sparrow											PR			x	x
Henslow's Sparrow											PO				x
Song Sparrow	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Swamp Sparrow	PO				x						PO				x
Northern Cardinal	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Blue Grosbeak	CO	x	x	x	x	PR	x			x					
Indigo Bunting	CO	x	x	x	x	PR	x	x	x	x	CO	x	x	x	x
Red-winged Blackbird	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Eastern Meadowlark	PO				x	PR				x	CO			x	x
Common Grackle	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Brown-headed Cowbird	CO	x	x	x	x	PR	x			x	CO	x	x	x	x
Orchard Oriole	CO	x	x	x	x	CO	x			x	PR			x	x
Baltimore Oriole	CO	x	x	x	x	CO	x			x	CO	x	x	x	x
House Finch	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
American Goldfinch	CO	x	x	x	x	PR	x	x	x	x	CO	x	x	x	x
House Sparrow	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x