

Relay - CW

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
American Bittern	PO		x												
Great Blue Heron	CO	x	x	x	x	O									
Great Egret	O		x	x	x										
Green Heron	CO	x	x	x	x	PR		x			PR	x	x	x	x
Black-crowned Night-Heron	O		x												
Black Vulture	O	x	x	x	x										
Turkey Vulture	O	x	x	x	x	O					PO			x	
Canada Goose	CO	x	x	x	x										
Wood Duck	CO		x	x	x	PO		x		x	PO		x		
American Black Duck						PR			x		CO		x	x	
Mallard	CO	x	x	x	x	PR		x	x		PO		x	x	
Hooded Merganser	CO		x												
Osprey	O			x											
Bald Eagle	O		x												
Red-shouldered Hawk	PR	x	x	x	x	CO	x	x	x	x	PR	x	x	x	x
Broad-winged Hawk						CO	x			x					
Red-tailed Hawk	CO	x	x	x	x	PR	x				PR	x			
American Kestrel	PO			x		PR			x		PO		x		
Northern Bobwhite						CO	x	x	x	x	CO	x	x	x	x
Virginia Rail	PR	x													
Killdeer	CO	x	x	x		CO	x	x	x	x	CO	x		x	x
American Woodcock	PO		x			PO	x				PR		x	x	
Rock Pigeon	PR	x	x	x	x	CO	x	x	x	x	PO	x		x	x
Mourning Dove	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Black-billed Cuckoo											PO		x		
Yellow-billed Cuckoo	CO		x	x	x	PR	x	x	x	x	PR	x	x	x	x
Eastern Screech-Owl	PO			x		PO	x	x		x					
Great Horned Owl	CO	x	x			PO			x						
Barred Owl	PO		x		x	CO	x	x		x	PR		x	x	
Common Nighthawk						PR	x				PO	x			
Whip-poor-will						PR	x				PR		x	x	
Chimney Swift	PO	x	x	x	x	PO	x	x	x		PR	x	x		x
Ruby-throated Hummingbird	PR	x	x		x	PO	x			x	PR	x	x		x
Belted Kingfisher	CO	x	x	x	x	PR	x	x	x		PO		x		
Red-bellied Woodpecker	CO	x	x	x	x	CO	x	x	x	x	PR	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	PR	x	x	x	
Northern Flicker	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Pileated Woodpecker	PR	x	x	x	x	PR	x	x			PR		x		
Eastern Wood-Pewee	PR	x	x	x		CO	x	x	x	x	PR	x	x	x	x
Acadian Flycatcher	PR	x	x	x	x	PR	x		x		PR	x	x	x	x
Willow Flycatcher	PR			x		PO			x		PO		x		
Eastern Phoebe	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Great Crested Flycatcher	PR	x	x	x	x	PR	x	x		x	PR	x	x	x	x
Eastern Kingbird	CO	x	x	x	x	CO	x	x	x	x	PR	x	x	x	x
White-eyed Vireo	CO	x	x	x	x	CO	x	x	x	x	PR	x	x	x	x
Yellow-throated Vireo						PO			x		PR		x		
Warbling Vireo	PR	x	x	x		PO			x						
Red-eyed Vireo	PR	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	PR		x	x	x	PR	x		x	x	PO				x
Horned Lark	CO			x							PR	x		x	
Purple Martin	PO	x									PO			x	
Tree Swallow	CO	x	x	x	x										
Northern Rough-winged	CO	x	x	x	x						PO			x	
Bank Swallow	CO			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	PO	x		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	CO	x	x	x	x	CO	x	x	x	x

Blue-gray Gnatcatcher	CO	x	x	x	x	CO	x	x	x		PR		x		x
Eastern Bluebird	CO	x	x	x	x	CO	x	x	x	x	CO	x			x
Wood Thrush	PR	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	x	PO					PO		x		
Northern Parula	PR	x	x	x	x						PO				x
Yellow Warbler	CO	x	x			PR	x	x	x		PR	x	x		
Pine Warbler	PR	x									PR				
Prairie Warbler	CO							x	x		PR	x	x	x	
Black-and-white Warbler															PO
American Redstart	PR									x	CO				PR
Prothonotary Warbler	CO		x												PR
Worm-eating Warbler	PO		x												x
Ovenbird	PR	x	x	x	x					PR	x				PR
Louisiana Waterthrush	PO	x	x							x					x
Kentucky Warbler											PR	x			x
Common Yellowthroat	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Hooded Warbler	PO		x			CO	x	x	x	x	CO	x	x	x	x
Yellow-breasted Chat	PR	x	x	x	x	PR	x	x	x	x	PR	x			x
Scarlet Tanager	PR	x	x	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	CO	x	x	x	x	CO	x	x	x	x
Field Sparrow	CO										CO	x	x	x	x
Vesper Sparrow															PO
Grasshopper Sparrow											PR		x	x	
Song Sparrow	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Swamp Sparrow	CO		x												PO
Northern Cardinal	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Blue Grosbeak	PR	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Indigo Bunting	PR	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				PR
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	CO	x	x	x	x	PO	x	x	x	x
Orchard Oriole	CO	x	x	x		PR	x	x			PO	x			x
Baltimore Oriole	CO	x	x	x	x	PR	x	x	x	x	CO	x	x	x	x
House Finch	CO	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

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 the status (breeding category), and the quarterblocks where the bird was found. In each atlas, the highest category of breeding evidence for the block was assigned to each quarter-block where the species was observed. The species was mapped only for those quarter-blocks in which it had actually been 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

1083

Relay - CW

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										
Wood Duck	CO		x	x	x	PO		x		x	PO		x		
American Black Duck						PR				x	CO		x	x	
Mallard	CO	x	x	x	x	PR		x	x		PO		x	x	
Hooded Merganser	CO		x												
Northern Bobwhite						CO	x	x	x	x	CO	x	x	x	x
American Bittern	PO		x												
Great Blue Heron	CO	x	x	x	x	O									
Great Egret	O		x	x	x										
Green Heron	CO	x	x	x	x	PR		x			PR	x	x	x	x
Black-crowned Night-Heron	O		x												
Black Vulture	O	x	x	x	x										
Turkey Vulture	O	x	x	x	x	O					PO		x		
Osprey	O			x											
Bald Eagle	O		x												
Red-shouldered Hawk	PR	x	x	x	x	CO	x	x	x	x	PR	x	x	x	x
Broad-winged Hawk						CO	x			x					
Red-tailed Hawk	CO	x	x	x	x	PR		x			PR	x			
American Kestrel	PO			x		PR				x	PO		x		
Virginia Rail	PR	x													
Killdeer	CO	x	x	x		CO	x	x	x	x	CO	x		x	x
American Woodcock	PO		x			PO	x				PR		x	x	
Rock Pigeon	PR	x	x	x	x	CO	x	x	x	x	PO	x		x	x
Mourning Dove	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Black-billed Cuckoo											PO		x		
Yellow-billed Cuckoo	CO		x	x	x	PR	x	x	x	x	PR	x	x	x	x
Eastern Screech-Owl	PO			x		PO	x	x		x					
Great Horned Owl	CO	x	x			PO				x					
Barred Owl	PO		x		x	CO	x	x		x	PR		x	x	
Common Nighthawk						PR	x				PO	x			
Whip-poor-will						PR		x			PR		x	x	
Chimney Swift	PO	x	x	x	x	PO	x	x		x	PR	x	x		x
Ruby-throated Hummingbird	PR	x	x		x	PO	x			x	PR	x	x		x
Belted Kingfisher	CO	x	x	x	x	PR		x	x	x	PO		x		
Red-bellied Woodpecker	CO	x	x	x	x	CO	x	x	x	x	PR	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	CO	x	x	x	x	PR	x	x	x	
Northern Flicker	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Pileated Woodpecker	PR	x	x	x	x	PR		x			PR		x		
Eastern Wood-Pewee	PR	x	x	x		CO	x	x	x	x	PR	x	x	x	x
Acadian Flycatcher	PR	x	x	x	x	PR		x			PR	x	x	x	x
Willow Flycatcher	PR			x		PO				x	PO		x		
Eastern Phoebe	CO	x	x	x	x	CO	x	x	x	x	CO	x	x	x	x
Great Crested Flycatcher	PR	x	x	x	x	PR	x	x		x	PR	x	x	x	x
Eastern Kingbird	CO	x	x	x	x	CO	x	x	x	x	PR	x	x	x	x
White-eyed Vireo	CO	x	x	x	x	CO	x	x	x	x	PR	x	x	x	x
Yellow-throated Vireo						PO					PR		x		
Warbling Vireo	PR	x	x	x		PO				x					
Red-eyed Vireo	PR	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	PR		x	x	x	PR	x			x	PO				x
Horned Lark	CO			x							PR		x		
Purple Martin	PO	x									PO			x	
Tree Swallow	CO	x	x	x	x										
Northern Rough-winged	CO	x	x	x	x						PO		x		
Bank Swallow	CO			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	PO		x		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	CO	x	x	x	x	CO	x	x	x	x
Blue-gray Gnatcatcher	CO	x	x	x	x	CO	x	x	x		PR		x		x
Eastern Bluebird	CO	x	x	x	x	CO		x	x	x	CO	x			x
Wood Thrush	PR	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	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	x	PO					PO		x		
Northern Parula	PR	x	x	x	x	PO				x	PO				x
Yellow Warbler	CO	x	x			PR	x	x	x		PR	x	x		
Pine Warbler	PR	x				PR					PR				
Prairie Warbler	CO					x	x			PR	x	x	x		
Black-and-white Warbler											PO		x		
American Redstart	PR									x	CO		x		
Prothonotary Warbler	CO					x					PR		x	x	
Worm-eating Warbler	PO					x									
Ovenbird	PR	x	x	x	x					PR	x				
Louisiana Waterthrush	PO	x	x			x									
Kentucky Warbler										PR		x		x	
Common Yellowthroat	CO	x	x	x	x					PR	x	x	x	x	
Hooded Warbler	PO		x							CO	x	x	x	x	
Yellow-breasted Chat	PR	x	x	x	x					PR	x	x	x	x	
Scarlet Tanager	PR	x	x	x	x					CO	x	x	x	x	
Eastern Towhee	CO	x	x	x	x					CO	x	x	x	x	
Chipping Sparrow	CO	x	x	x	x					CO	x	x	x	x	
Field Sparrow	CO					x	x			CO	x	x	x	x	
Vesper Sparrow															
Grasshopper Sparrow										PR			x	x	
Song Sparrow	CO	x	x	x	x					CO	x	x	x	x	
Swamp Sparrow	CO		x								PO		x		
Northern Cardinal	CO	x	x	x	x					CO	x	x	x	x	
Blue Grosbeak	PR	x	x	x	x					CO	x	x	x	x	
Indigo Bunting	PR	x	x	x	x					PR	x	x	x	x	
Red-winged Blackbird	CO	x	x	x	x					CO	x	x	x	x	
Eastern Meadowlark										PO			x		
Common Grackle	CO	x	x	x	x					CO	x	x	x	x	
Brown-headed Cowbird	CO	x	x	x	x					CO	x	x	x	x	
Orchard Oriole	CO	x	x	x						PR			x		
Baltimore Oriole	CO	x	x	x						PR	x	x	x	x	
House Finch	CO	x	x							CO	x	x	x	x	
American Goldfinch	CO	x	x	x	x					PR	x	x	x	x	
House Sparrow	CO	x	x	x	x					CO	x	x	x	x	